Building knowledge

Job Order Contract Construction Task Catalog®

Book 1 CSI Divisions 01 - 43 June 2022

County of San Bernardino
Project No. General Building, GBJOC17

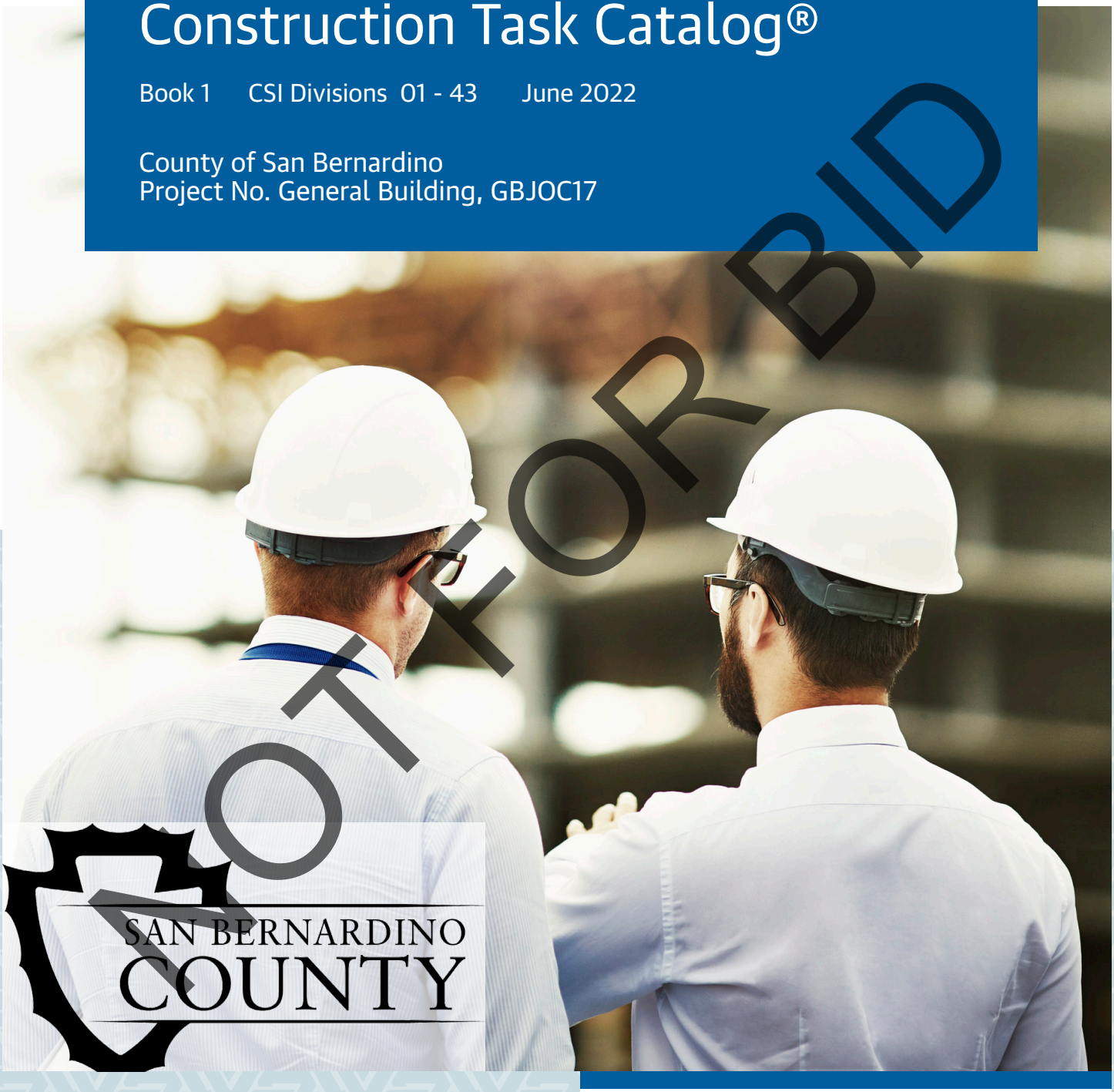

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00 Using The Construction Task Catalog® 1

01 General Requirements 1
01 20 Price and Payment Procedures ... 1
01 22 Unit Prices ... 1
01 30 Administrative Requirements ... 33
01 35 Special Procedures ... 33
01 40 Quality Requirements ... 33
01 45 Quality Control ... 33
01 50 Temporary Facilities and Controls ... 36
01 51 Temporary Utilities ... 36
01 52 Construction Facilities ... 36
01 53 Temporary Construction ... 38
01 54 Construction Aids ... 38
01 55 Vehicular Access and Parking ... 40
01 56 Temporary Barriers and Enclosures ... 43
01 57 Temporary Controls ... 52
01 58 Project Identification ... 52
01 60 Product Requirements ... 53
01 66 Product Storage and Handling Requirements ... 53
01 70 Execution and Closeout Requirements ... 54
01 71 Examination and Preparation ... 54
01 74 Cleaning and Waste Management ... 56

02 Existing Conditions 1
02 20 Assessment ... 1
02 25 Existing Material Assessment ... 1
02 30 Subsurface Investigation ... 1
02 32 Geotechnical Investigations ... 1
02 40 Demolition and Structure Moving ... 2
02 41 Demolition ... 2
02 42 Removal and Salvage of Construction Materials ... 19
02 43 Structure Moving ... 19
02 50 Site Remediation ... 20
02 58 Snow Control ... 20
02 60 Contaminated Site Material Removal ... 20
02 61 Removal and Disposal of Contaminated Soils ... 20
02 65 Underground Storage Tank Removal ... 20
02 80 Facility Remediation ... 23
02 81 Transportation and Disposal of Hazardous Materials ... 24
02 82 Asbestos Remediation ... 24
02 83 Lead Remediation ... 31
02 84 Polychlorinated Biphenyl Remediation ... 35
02 86 Hazardous Waste Drum Handling ... 36
02 87 Bio-Hazard Material Remediation ... 37
02 89 Hazmat Ancillary Tasks and Support ... 46
02 90 Disaster Recovery ... 46
02 90 50 Cleaning and Disaster Clean-up ... 46
02 90 55 Emergency Clean-up ... 50

03 Concrete 1
03 01 Maintenance of Concrete ... 1
03 01 30 Maintenance of Cast-In-Place Concrete ... 1
03 05 Common Work Results For Concrete ... 3
03 05 13 Concrete Admixtures ... 3
03 10 Concrete Forming and Accessories ... 4
03 11 Concrete Forming ... 4
03 15 Concrete Accessories ... 7
03 20 Concrete Reinforcing ... 17
03 21 Reinforcement Bars ... 17
03 22 Fabric and Grid Reinforcing ... 26
03 30 Cast-In-Place Concrete ... 27
03 30 53 Miscellaneous Cast-in-Place Concrete ... 27

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03 31 Structural Concrete 28
03 35 Concrete Finishing 44
03 37 Specialty Placed Concrete 47
03 39 Concrete Curing 48
03 40 Precast Concrete 49
03 41 Precast Structural Concrete 49
03 48 Precast Concrete Specialties 58
03 50 Cast Decks and Underlayment 61
03 51 Cast Roof Decks 61
03 53 Concrete Topping 61
03 54 Cast Underlayment 62
03 60 Grouting 62
03 61 Cementitious Grouting 62
03 62 Non-Shrink Grouting 62
03 63 Epoxy Grouting 63
03 64 Injection Grouting 63
03 80 Concrete Cutting and Boring 63
03 81 Concrete Cutting 63
03 82 Concrete Boring 63

04 Masonry 1

04 01 Maintenance of Masonry 1
04 01 20 Maintenance of Unit Masonry 1
04 01 50 Maintenance of Refractory Masonry 10
04 05 Common Work Results for Masonry 10
04 05 13 Masonry Mortaring 10
04 05 16 Masonry Grouting 11
04 05 19 Masonry Anchorage and Reinforcing 11
04 05 23 Masonry Accessories 37
04 20 Unit Masonry 39
04 21 Clay Unit Masonry 39
04 22 Concrete Unit Masonry 41
04 23 Glass Unit Masonry 45
04 40 Stone Assemblies 46
04 41 Dry-Placed Stone 46
04 42 Exterior Stone Cladding 46
04 43 Stone Masonry 46
04 50 Refractory Masonry 48
04 51 Flue Liner Masonry 48
04 70 Manufactured Masonry 48
04 72 Cast Stone Masonry 48

05 Metals 1

05 05 Common Work Results for Metals 1
05 05 19 Post-Installed Concrete Anchors 1
05 05 21 Fastening Methods for Metal 12
05 05 23 Metal Fastenings 13
05 10 Structural Metal Framing 78
05 12 Structural Steel Framing 78
05 13 Structural Stainless-Steel Framing 138
05 14 Structural Aluminum Framing 138
05 15 Wire Rope Assemblies 139
05 20 Metal Joists 145
05 21 Steel Joist Framing 145
05 30 Metal Decking 146
05 31 Steel Decking 146
05 36 Composite Metal Decking 150
05 40 Cold-Formed Metal Framing 153
05 41 Structural Metal Stud Framing 153
05 42 Cold-Formed Metal Joist Framing 154
05 43 Slotted Channel Framing 155
05 45 Metal Support Assemblies 156
05 50 Metal Fabrications 156
05 51 Metal Stairs 156
05 52 Metal Railings 158
05 53 Metal Gratings 167
05 54 Metal Floor Plates 175

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05 55 Metal Stair Treads and Nosings 175
05 56 Metal Castings 177
05 58 Formed Metal Fabrications 177
05 59 Metal Specialties 178
05 70 Decorative Metal 186
05 71 Decorative Metal Stairs 186
05 73 Decorative Metal Railings 186
05 75 Decorative Formed Metal 187

06 Wood, Plastics, and Composites 1
06 01 Maintenance of Wood, Plastics, and Composites 1
06 01 20 Maintenance of Finish Carpentry 1
06 01 40 Maintenance of Architectural Woodwork 1
06 05 Common Work Results for Wood, Plastics, and Composites 1
06 05 23 Wood, Plastic, and Composite Fastenings 1
06 05 73 Wood Treatment 21
06 10 Rough Carpentry 21
06 11 Wood Framing 21
06 13 Heavy Timber Construction 26
06 15 Wood Decking 28
06 16 Sheathing 31
06 17 Shop-Fabricated Structural Wood 37
06 18 Glued-Laminated Construction 42
06 20 Finish Carpentry 43
06 22 Millwork 43
06 25 Prefinished Paneling 45
06 40 Architectural Woodwork 46
06 41 Architectural Wood Casework 46
06 42 Wood Paneling 61
06 43 Wood Stairs and Railings 64
06 44 Ornamental Woodwork 65
06 46 Wood Trim 67
06 48 Wood Frames 84
06 49 Wood Screens and Exterior Wood Shutters 85
06 50 Structural Plastics 85
06 51 Structural Plastic Shapes and Plates 85
06 52 Plastic Structural Assemblies 90
06 53 Plastic Decking 91
06 60 Plastic Fabrications 91
06 65 Plastic Trim 91
06 70 Structural Composites 92
06 74 Composite Gratings 92
06 80 Composite Fabrications 94
06 82 Composite Trim 94
06 83 Composite Paneling 96

07 Thermal And Moisture Protection 1
07 01 Operation and Maintenance of Thermal and Moisture Protection 1
07 01 50 Maintenance of Membrane Roofing 1
07 05 Common Work Results for Thermal and Moisture Protection 1
07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work 1
07 10 Dampproofing and Waterproofing 1
07 11 Dampproofing 1
07 13 Sheet Waterproofing 2
07 14 Fluid-Applied Waterproofing 3
07 16 Cementitious and Reactive Waterproofing 4
07 17 Bentonite Waterproofing 4
07 19 Water Repellents 4
07 20 Thermal Protection 5
07 21 Thermal Insulation 5
07 22 Roof and Deck Insulation 15
07 24 Exterior Insulation and Finish Systems 42
07 25 Weather Barriers 45
07 26 Vapor Retarders 45
07 27 Air Barriers 45
07 30 Steep Slope Roofing 45
07 31 Shingles and Shakes 45

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07 32 Roof Tiles 50
07 34 Roofing Underlayment 52
07 40 Roofing and Siding Panels 53
07 41 Roof Panels 53
07 42 Wall Panels 57
07 46 Siding 58
07 50 Membrane Roofing 62
07 51 Built-Up Bituminous Roofing 62
07 52 Modified Bituminous Membrane Roofing 68
07 53 Elastomeric Membrane Roofing 77
07 54 Thermoplastic Membrane Roofing 81
07 56 Fluid-Applied Roofing 85
07 57 Coated Foamed Roofing 86
07 58 Roll Roofing 87
07 59 Membrane Roofing Termination Bar 87
07 60 Flashing and Sheet Metal 87
07 61 Sheet Metal Roofing 87
07 62 Sheet Metal Flashing and Trim 90
07 63 Sheet Metal Roofing Specialties 95
07 65 Flexible Flashing 96
07 70 Roof and Wall Specialties and Accessories 97
07 71 Roof Specialties 97
07 72 Roof Accessories 118
07 73 Roof Protection Board 142
07 76 Roof Pavers 143
07 80 Fire and Smoke Protection 144
07 81 Applied Fireproofing 144
07 84 Firestopping 145
07 90 Joint Protection 151
07 91 Preformed Joint Seals 151
07 92 Joint Sealants 153
07 95 Expansion Control 157

08 Openings 1

08 01 Operation and Maintenance of Openings 1
08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls 1
08 01 50 Operation and Maintenance of Windows 1
08 01 80 Maintenance of Glazing 1
08 05 Common Work Results for Openings 1
08 05 13 Door Options and Modifications 1
08 10 Doors and Frames 3
08 11 Metal Doors and Frames 3
08 12 Metal Frames 3
08 13 Metal Doors 27
08 14 Wood Doors 50
08 15 Plastic Doors 109
08 16 Composite Doors 109
08 17 Integrated Door Opening Assemblies 114
08 18 Glass Doors 117
08 30 Specialty Doors and Frames 118
08 31 Access Doors and Panels 118
08 33 Coiling Doors and Grilles 119
08 34 Special Function Doors 156
08 35 Folding Doors and Grilles 160
08 36 Panel Doors 161
08 38 Traffic Doors 169
08 40 Entrances, Storefronts, and Curtain Walls 185
08 42 Entrances 185
08 43 Storefronts 189
08 44 Curtain Wall and Glazed Assemblies 194
08 45 Translucent Wall and Roof Assemblies 196
08 50 Windows 196
08 51 Metal Windows 196
08 52 Wood Windows 211
08 53 Plastic Windows 249
08 56 Special Function Windows 277
08 60 Roof Windows and Skylights 280
08 62 Unit Skylights 280

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08 63 Metal-Framed Skylights 285
08 66 Wood-Framed Skylights 290
08 70 Hardware 291
08 71 Door Hardware 291
08 72 Weatherstripping, Thresholds and Seals 373
08 75 Window Hardware 385
08 78 Special Function Hardware 385
08 79 Hardware Accessories 385
08 80 Glazing 385
08 81 Glass Glazing 385
08 83 Mirrors 397
08 84 Plastic Glazing 398
08 85 Glazing Accessories 399
08 87 Glazing Surface Films 400
08 88 Special Function Glazing 400
08 90 Louvers and Vents 402
08 91 Louvers 402
08 95 Vents 434

09 Finishes 1

09 01 Maintenance of Finishes 1
09 01 20 Maintenance of Plaster and Gypsum Board 1
09 01 30 Maintenance of Tiling 1
09 01 60 Maintenance of Flooring 1
09 01 80 Maintenance of Acoustic Treatment 2
09 01 90 Maintenance of Painting and Coating 2
09 05 Common Work Results for Finishes 7
09 05 61 Common Work Results for Flooring Preparation 7
09 05 71 Acoustic Underlayment 7
09 20 Plaster and Gypsum Board 8
09 22 Supports for Plaster and Gypsum Board 8
09 23 Gypsum Plastering 16
09 24 Cement Plastering 18
09 28 Backing Boards and Underlayments 19
09 29 Gypsum Board 20
09 30 Tiling 27
09 30 13 Ceramic Tiling 27
09 30 16 Quarry Tiling 28
09 30 23 Glass Mosaic Tiling 29
09 30 33 Stone Tiling 29
09 31 Thin-Set Tiling 33
09 32 Mortar-Bed Tiling 34
09 34 Waterproofing-Membrane Tiling 34
09 35 Chemical-Resistant Tiling 35
09 39 Tiling Transitions 35
09 50 Ceilings 36
09 51 Acoustical Ceilings 36
09 53 Acoustical Ceiling Suspension Assemblies 42
09 54 Specialty Ceilings 44
09 57 Special Function Ceilings 45
09 60 Flooring 45
09 61 Flooring Treatment 45
09 63 Masonry Flooring 46
09 64 Wood Flooring 46
09 65 Resilient Flooring 50
09 66 Terrazzo Flooring 57
09 67 Fluid-Applied Flooring 60
09 68 Carpeting 60
09 69 Access Flooring 74
09 70 Wall Finishes 75
09 72 Wall Coverings 75
09 73 Wall Carpeting 75
09 74 Flexible Wood Sheets 76
09 78 Interior Wall Paneling 76
09 80 Acoustic Treatment 77
09 81 Acoustic Insulation 77
09 84 Acoustic Room Components 77
09 90 Painting and Coating 78

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09 91 Painting 78
09 93 Staining and Transparent Finishing 187
09 96 High-Performance Coatings 189
09 97 Special Coatings 192

10 Specialties 1
10 01 Operation and Maintenance of Specialties 1
10 01 40 Operation and Maintenance of Safety Specialties 1
10 01 50 Operation and Maintenance of Storage Specialties 1
10 10 Information Specialties 1
10 11 Visual Display Units 1
10 12 Display Cases 8
10 13 Directories 8
10 14 Signage 11
10 20 Interior Specialties 36
10 21 Compartments and Cubicles 36
10 22 Partitions 62
10 26 Wall and Door Protection 65
10 28 Toilet, Bath, and Laundry Accessories 76
10 40 Safety Specialties 86
10 41 Emergency Access And Information Cabinets 86
10 44 Fire Protection Specialties 86
10 50 Storage Specialties 92
10 51 Lockers 92
10 55 Postal Specialties 106
10 56 Storage Assemblies 107
10 57 Wardrobe And Closet Specialties 109
10 70 Exterior Specialties 110
10 71 Exterior Protection 110
10 73 Protective Covers 120
10 75 Flagpoles 121
10 80 Other Specialties 123
10 81 Pest Control Devices 123
10 86 Security Mirrors And Domes 124

11 Equipment 1
11 01 Operation and Maintenance of Equipment 1
11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment 1
11 10 Vehicle and Pedestrian Equipment 1
11 11 Vehicle Service Equipment 1
11 12 Parking Control Equipment 2
11 13 Loading Dock Equipment 3
11 14 Pedestrian Control Equipment 8
11 20 Commercial Equipment 10
11 21 Retail and Service Equipment 10
11 22 Banking Equipment 11
11 30 Residential Equipment 11
11 30 13 Residential Appliances 11
11 30 33 Retractable Stairs 14
11 32 Unit Kitchens 15
11 40 Foodservice Equipment 15
11 41 Foodservice Storage Equipment 15
11 42 Food Preparation Equipment 36
11 44 Food Cooking Equipment 38
11 46 Food Dispensing Equipment 43
11 48 Foodservice Cleaning and Disposal Equipment 48
11 50 Educational and Scientific Equipment 49
11 52 Audio-Visual Equipment 49
11 60 Entertainment and Recreation Equipment 57
11 66 Athletic Equipment 57
11 68 Play Field Equipment and Structures 57
11 80 Facility Maintenance and Operation Equipment 60
11 81 Maintenance Equipment 60
11 82 Facility Solid Waste Handling Equipment 61
11 90 Other Equipment 61
11 97 Security Equipment 61
11 98 Detention Equipment 62

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12 Furnishings 1
12 01 Operation and Maintenance of Furnishings ... 1
12 01 60 Operation and Maintenance of Multiple Seating ... 1
12 20 Window Treatments ... 1
12 21 Window Blinds ... 1
12 22 Curtains and Drapes ... 1
12 23 Interior Shutters ... 3
12 24 Window Shades ... 5
12 30 Casework ... 13
12 31 Manufactured Metal Casework ... 13
12 35 Specialty Casework ... 18
12 36 Countertops ... 21
12 40 Furnishings and Accessories ... 24
12 41 Office Accessories ... 24
12 48 Rugs and Mats ... 24
12 50 Furniture ... 25
12 55 Detention Furniture ... 25
12 56 Institutional Furniture ... 27
12 59 Systems Furniture ... 34
12 60 Multiple Seating ... 37
12 61 Fixed Audience Seating ... 37
12 62 Portable-Audience Seating ... 39

13 Special Construction 1
13 01 Operation and Maintenance of Special Construction ... 1
13 01 10 Operation and Maintenance of Special Facility Components ... 1
13 10 Special Facility Components ... 1
13 11 Swimming Pools ... 1
13 12 Fountains ... 2
13 20 Special Purpose Rooms ... 2
13 21 Controlled Environment Rooms ... 2
13 30 Special Structures ... 2
13 34 Fabricated Engineered Structures ... 2
13 40 Integrated Construction ... 22
13 42 Building Modules ... 22
13 46 Lightning Protection Systems ... 23
13 47 Facility Protection ... 24
13 48 Sound, Vibration, and Seismic Control ... 25

14 Conveying Equipment 1
14 01 Operation and Maintenance of Conveying Equipment ... 1
14 01 20 Operation and Maintenance of Elevators ... 1
14 01 30 Operation and Maintenance of Escalators and Moving Walks ... 3
14 20 Elevators ... 3
14 21 Electric Traction Elevators ... 3
14 24 Hydraulic Elevators ... 5
14 26 Limited-Use/Limited-Application Elevators ... 9
14 30 Escalators and Moving Walks ... 9
14 31 Escalators ... 10
14 32 Moving Walks ... 10
14 40 Lifts ... 10
14 42 Wheelchair Lifts ... 10
14 90 Other Conveying Equipment ... 11
14 91 Facility Chutes ... 11

21 Fire Suppression 1
21 01 Operation and Maintenance of Fire Suppression ... 1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems ... 1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment ... 1
21 05 Common Work Results for Fire Suppression ... 1
21 05 13 Common Motor Requirements for Fire-Suppression Equipment ... 1
21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping ... 1
21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping ... 1
21 05 19 Meters and Gages for Fire-Suppression Systems ... 1
21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping ... 2

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Table of Contents

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment 4
21 05 48 Vibration and Seismic Controls for Fire-Suppresion Piping and Equipment 4
21 05 53 Identification for Fire-Suppression Piping and Equipment 4
21 07 Fire-Suppression Systems Insulation 4
21 07 16 Fire-Suppression Equipment Insulation 4
21 07 19 Fire-Suppression Piping Insulation 4
21 10 Water-Based Fire-Suppression Systems 4
21 11 Facility Fire-Suppression Water-Service Piping 4
21 12 Fire-Suppression Standpipes 4
21 13 Fire-Suppression Sprinkler Systems 6
21 20 Fire-Extinguishing Systems 33
21 21 Carbon-Dioxide Fire-Extinguishing Systems 33
21 22 Clean-Agent Fire-Extinguishing Systems 33
21 23 Wet-Chemical Fire-Extinguishing Systems 42
21 24 Dry-Chemical Fire-Extinguishing Systems 45
21 30 Fire Pumps 47
21 31 Centrifugal Fire Pumps 47
21 34 Fire Pump Accessories 48

22 Plumbing 1

22 01 Operation and Maintenance of Plumbing 1
22 01 10 Operation and Maintenance of Plumbing Piping and Pumps 1
22 01 40 Operation and Maintenance of Plumbing Fixtures 1
22 05 Common Work Results for Plumbing 2
22 05 13 Common Motor Requirements for Plumbing Equipment 2
22 05 16 Expansion Fittings and Loops for Plumbing Piping 2
22 05 17 Sleeves and Sleeve Seals for Plumbing Piping 2
22 05 19 Meters and Gages for Plumbing Piping 2
22 05 23 General-Duty Valves for Plumbing Piping 2
22 05 29 Hangers and Supports for Plumbing Piping and Equipment 2
22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment 2
22 05 53 Identification for Plumbing Piping and Equipment 2
22 05 76 Facility Drainage Piping Cleanouts 2
22 07 Plumbing Insulation 6
22 07 16 Plumbing Equipment Insulation 6
22 07 19 Plumbing Piping Insulation 6
22 10 Plumbing Piping 35
22 11 Facility Water Distribution 35
22 12 Facility Potable-Water Storage Tanks 100
22 13 Facility Sanitary Sewerage 101
22 14 Facility Storm Drainage 149
22 15 General Service Compressed-Air Systems 158
22 30 Plumbing Equipment 162
22 31 Domestic Water Softeners 162
22 32 Domestic Water Filtration Equipment 164
22 33 Electric Domestic Water Heaters 165
22 34 Fuel-Fired Domestic Water Heaters 167
22 35 Domestic Water Heat Exchangers 171
22 40 Plumbing Fixtures 171
22 41 Residential Plumbing Fixtures 171
22 42 Commercial Plumbing Fixtures 172
22 43 Healthcare Plumbing Fixtures 186
22 45 Emergency Plumbing Fixtures 188
22 46 Security Plumbing Fixtures 191
22 47 Drinking Fountains and Water Coolers 193
22 50 Pool and Fountain Plumbing Systems 196
22 51 Swimming Pool Plumbing Systems 196
22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities 204
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities 204

23 Heating, Ventilating, and Air-Conditioning (HVAC) 1

23 01 Operation and Maintenance of HVAC Systems 1
23 01 10 Operation and Maintenance of Facility Fuel Systems 1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps 1
23 01 30 Operation and Maintenance of HVAC Air Distribution 3
23 01 50 Operation and Maintenance of Central Heating Equipment 3
23 01 60 Operation and Maintenance of Central Cooling Equipment 5

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23 05 Common Work Results for HVAC 5
23 05 13 Common Motor Requirements for HVAC Equipment 5
23 05 16 Expansion Fittings and Loops for HVAC Piping 8
23 05 17 Sleeves and Sleeve Seals for HVAC Piping 9
23 05 19 Meters and Gages for HVAC Piping 10
23 05 23 General-Duty Valves For HVAC Piping 13
23 05 29 Hangers and Supports for HVAC Piping and Equipment 35
23 05 48 Vibration and Seismic Controls for HVAC 63
23 05 53 Identification for HVAC Piping and Equipment 68
23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment 68
23 05 93 Testing, Adjusting, and Balancing for HVAC 70
23 07 HVAC Insulation 72
23 07 13 Duct Insulation 72
23 07 16 HVAC Equipment Insulation 74
23 07 19 HVAC Piping Insulation 74
23 08 Commissioning of HVAC 77
23 09 Instrumentation and Control for HVAC 77
23 09 23 Direct-Digital Control System for HVAC 77
23 09 43 Pneumatic Control System For HVAC 94
23 10 Facility Fuel Systems 95
23 11 Facility Fuel Piping 95
23 12 Facility Fuel Pumps 107
23 13 Facility Fuel-Storage Tanks 108
23 20 HVAC Piping and Pumps 116
23 21 Hydronic Piping and Pumps 116
23 22 Steam and Condensate Piping and Pumps 209
23 23 Refrigerant Piping 214
23 25 HVAC Water Treatment 219
23 30 HVAC Air Distribution 219
23 31 HVAC Ducts and Casings 219
23 33 Air Duct Accessories 320
23 34 HVAC Fans 366
23 35 Special Exhaust Systems 381
23 36 Air Terminal Units 384
23 37 Air Outlets and Inlets 386
23 38 Ventilation Hoods 403
23 40 HVAC Air Cleaning Devices 404
23 41 Particulate Air Filtration 404
23 42 Gas-Phase Air Filtration 411
23 43 Electronic Air Cleaners 411
23 50 Central Heating Equipment 411
23 51 Breechings, Chimneys, and Stacks 411
23 52 Heating Boilers 433
23 53 Heating Boiler Feedwater Equipment 451
23 54 Furnaces 451
23 55 Fuel-Fired Heaters 454
23 57 Heat Exchangers for HVAC 455
23 60 Central Cooling Equipment 457
23 61 Refrigerant Compressors 457
23 62 Packaged Compressor and Condenser Units 458
23 63 Refrigerant Condensers 459
23 64 Packaged Water Chillers 461
23 65 Cooling Towers 466
23 70 Central HVAC Equipment 471
23 71 Thermal Storage 471
23 72 Air-To-Air Energy Recovery Equipment 471
23 73 Indoor Central-Station Air-Handling Units 472
23 74 Packaged Outdoor HVAC Equipment 491
23 76 Evaporative Air-Cooling Equipment 498
23 80 Decentralized Unitary HVAC Equipment 499
23 81 Decentralized Unitary HVAC Equipment 499
23 82 Convection Heating and Cooling Units 512
23 84 Humidity Control Equipment 527

25 Integrated Automation 1

25 50 Integrated Automation Facility Controls 1
25 55 Integrated Automation Control of HVAC 1

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Table of Contents

26 Electrical 1

26 01 Operation and Maintenance of Electrical Systems ... 1
26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution ... 1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution ... 2
26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment ... 2
26 01 50 Operation and Maintenance of Lighting ... 2
26 05 Common Work Results for Electrical ... 29
26 05 13 Medium-Voltage Cables ... 29
26 05 19 Low-Voltage Electrical Power Conductors and Cables ... 34
26 05 23 Control-Voltage Electrical Power Cables ... 51
26 05 26 Grounding and Bonding for Electrical Systems ... 51
26 05 29 Hangers and Supports for Electrical Systems ... 55
26 05 33 Raceway and Boxes for Electrical Systems ... 77
26 05 36 Cable Trays for Electrical Systems ... 300
26 05 39 Underfloor Raceways for Electrical Systems ... 388
26 05 43 Underground Ducts and Raceways for Electrical Systems ... 390
26 05 46 Utility Poles for Electrical Systems ... 393
26 05 53 Identification for Electrical Systems ... 400
26 05 83 Wiring Connections ... 401
26 09 Instrumentation and Control for Electrical Systems ... 404
26 09 23 Lighting Control Devices ... 404
26 10 Medium-Voltage Electrical Distribution ... 426
26 11 Substations ... 426
26 12 Medium-Voltage Transformers ... 433
26 13 Medium-Voltage Switchgear ... 437
26 18 Medium-Voltage Circuit Protection Devices ... 440
26 20 Low-Voltage Electrical Distribution ... 440
26 21 Low-Voltage Electrical Service Entrance ... 440
26 22 Low-Voltage Transformers ... 441
26 24 Switchboards and Panelboards ... 448
26 25 Enclosed Bus Assemblies ... 493
26 27 Low-Voltage Distribution Equipment ... 498
26 28 Low-Voltage Circuit Protective Devices ... 515
26 29 Low-Voltage Controllers ... 545
26 30 Facility Electrical Power Generating and Storing Equipment ... 562
26 31 Photovoltaic Collectors ... 562
26 32 Packaged Generator Assemblies ... 566
26 33 Battery Equipment ... 571
26 35 Power Filters and Conditioners ... 573
26 36 Transfer Switches ... 574
26 40 Electrical And Cathodic Protection ... 577
26 43 Surge Protective Devices ... 577
26 50 Lighting ... 581
26 51 Interior Lighting ... 581
26 52 Safety Lighting ... 626
26 54 Classified Location Lighting ... 631
26 55 Special Purpose Lighting ... 633
26 56 Exterior Lighting ... 647

27 Communications 1

27 05 Common Work Results for Communications ... 1
27 05 26 Grounding and Bonding for Communications Systems ... 1
27 05 29 Hangers and Supports for Communications Systems ... 1
27 05 33 Conduits and Backboxes for Communications Systems ... 4
27 05 36 Cable Trays for Communications Systems ... 4
27 05 39 Surface Raceways for Communications Systems ... 4
27 05 43 Underground Ducts and Raceways for Communications Systems ... 4
27 05 46 Utility Poles for Communications Systems ... 4
27 05 53 Identification for Communications Systems ... 4
27 10 Structured Cabling ... 4
27 11 Communications Equipment Room Fittings ... 4
27 13 Communications Backbone Cabling ... 11
27 15 Communications Horizontal Cabling ... 12
27 16 Communications Connecting Cords, Devices, and Adapters ... 54
27 20 Data Communications ... 55
27 21 Data Communications Network Equipment ... 55
27 30 Voice Communications ... 59

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27 31 Voice Communications Switching and Routing Equipment 59
27 32 Voice Communications Terminal Equipment 59
27 40 Audio-Video Communications 60
27 41 Audio-Video Systems 60
27 50 Distributed Communications and Monitoring Systems 61
27 51 Distributed Audio-Video Communications Systems 62
27 53 Distributed Systems 62

28 Electronic Safety and Security 1

28 05 Common Work Results for Electronic Safety and Security 1
28 05 26 Grounding and Bonding for Electronic Safety and Security 1
28 05 53 Identification for Electronic Safety and Security 1
28 10 Access Control 1
28 15 Integrated Access Control Hardware Devices 1
28 16 Access Control Interfaces 1
28 18 Security Access Detection Equipment 7
28 20 Video Surveillance 7
28 21 Surveillance Cameras 8
28 40 Life Safety 26
28 42 Gas Detection and Alarm 26
28 46 Fire Detection and Alarm 26
28 47 Mass Notification 68
28 49 Electronic Personal Protection Systems 71

31 Earthwork 1

31 01 Maintenance of Earthwork 1
31 01 20 Maintenance of Earth Moving 1
31 05 Common Work Results for Earthwork 1
31 05 13 Soils for Earthwork 1
31 05 16 Aggregates for Earthwork 2
31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization 4
31 10 Site Clearing 4
31 11 Clearing and Grubbing 4
31 13 Selective Tree and Shrub Removal and Trimming 4
31 20 Earth Moving 6
31 23 Excavation and Fill 6
31 24 Embankments 11
31 25 Erosion and Sedimentation Controls 12
31 30 Earthwork Methods 16
31 31 Soil Treatment 16
31 32 Soil Stabilization 17
31 35 Slope Protection 26
31 36 Gabions 26
31 37 Riprap 26
31 40 Shoring and Underpinning 26
31 41 Shoring 26
31 45 Vibroflotation and Densification 27
31 50 Excavation Support and Protection 27
31 52 Cofferdams 27
31 60 Special Foundations and Load-bearing Elements 28
31 62 Driven Piles 28
31 63 Bored Piles 32
31 64 Caissons 34
31 66 Special Foundation 38

32 Exterior Improvements 1

32 01 Operation and Maintenance of Exterior Improvements 1
32 01 11 Paving Cleaning 1
32 01 13 Flexible Paving Surface Treatment 1
32 01 16 Flexible Paving Rehabilitation 3
32 01 17 Flexible Paving Repair 4
32 01 26 Rigid Paving Rehabilitation 6
32 01 90 Operation and Maintenance of Planting 6
32 10 Bases, Ballasts, and Paving 10
32 11 Base Courses 10
32 12 Flexible Paving 11

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32 13 Rigid Paving 18
32 14 Unit Paving 21
32 15 Aggregate Surfacing 24
32 16 Curbs, Gutters, Sidewalks, and Driveways 24
32 17 Paving Specialties 30
32 18 Athletic and Recreational Surfacing 42
32 30 Site Improvements 50
32 31 Fences and Gates 50
32 32 Retaining Walls 128
32 33 Site Furnishings 134
32 39 Manufactured Site Specialties 142
32 80 Irrigation 144
32 84 Planting Irrigation 144
32 90 Planting 161
32 91 Planting Preparation 161
32 92 Turf and Grasses 164
32 93 Plants 169
32 94 Planting Accessories 201
32 96 Transplanting 204

33 Utilities 1

33 01 Operation and Maintenance of Utilities 1
33 01 10 Operation and Maintenance of Water Utilities 1
33 01 30 Operation and Maintenance of Sewer Utilities 4
33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems 71
33 05 Common Work Results for Utilities 71
33 05 07 Trenchless Installation of Utility Piping 71
33 05 09 Piping Specials for Utilities 73
33 05 16 Cast-Iron Utility Pipe 73
33 05 17 Copper Utility Pipe and Tubing 73
33 05 19 Ductile-Iron Utility Pipe 73
33 05 24 Steel Utility Pipe 73
33 05 27 Corrugated Metal Utility Pipe 73
33 05 31 Thermoplastic Utility Pipe 73
33 05 33 Polyethylene Utility Pipe 73
33 05 39 Concrete Pipe 74
33 05 41 Vitrified Clay Utility Pipe 74
33 05 61 Concrete Manholes 74
33 05 63 Concrete Vaults and Chambers 76
33 05 81 Metallic Castings for Utility Structures 85
33 05 83 Non-Metallic Accessories for Utility Structures 86
33 05 84 Accessories for Utility Structures 86
33 05 97 Identification and Signage for Utilities 88
33 10 Water Utilities 88
33 11 Groundwater Sources 88
33 14 Water Utility Transmission and Distribution 97
33 16 Water Utility Storage Tanks 183
33 19 Water Utility Metering Equipment 183
33 30 Sanitary Sewerage Utilities 184
33 31 Sanitary Sewerage Piping 184
33 32 Sanitary Sewerage Equipment 189
33 34 Onsite Wastewater Disposal 189
33 40 Stormwater Utilities 190
33 41 Subdrainage 191
33 42 Stormwater Conveyance 194
33 44 Storm Utility Water Drains 253
33 46 Stormwater Management 254
33 50 Hydrocarbon Utilities 256
33 52 Hydrocarbon Transmission and Distribution 256
33 53 Hydrocarbon Utility Pressure Regulation 259
33 56 Hydrocarbon Storage 259
33 59 Hydrocarbon Utility Metering 259
33 60 Hydronic and Steam Energy Utilities 259
33 61 Hydronic Energy Distribution 259
33 70 Electrical Utilities 280
33 71 Electrical Utility Transmission and Distribution 280

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34 Transportation 1
34 40 Transportation Signaling and Control Equipment 1
34 41 Roadway Signaling and Control Equipment 1
34 70 Transportation Construction and Equipment 9
34 71 Roadway Construction 9

35 Waterway and Marine Construction 1
35 05 Common Work Results for Waterway and Marine Construction 1
35 05 70 Common Work Results for Dams 1
35 20 Waterway and Marine Construction and Equipment 1
35 22 Hydraulic Gates 1
35 24 Dredging 4

40 Process Interconnections 1
40 05 Common Work Results For Process Interconnections 1
40 05 19 Ductile Iron Process Pipe 1
40 05 23 Stainless Steel Process Pipe and Tubing 115

41 Material Processing and Handling Equipment 1
41 01 Operation and Maintenance of Material Processing and Handling Equipment 1
41 01 20 Operation and Maintenance of Piece Material Handling Equipment 1
41 20 Piece Material Handling Equipment 1
41 22 Cranes and Hoists 1

43 Process Gas and Liquid Handling, Purification, and Storage Equipment 1
43 20 Liquid Handling Equipment 1
43 23 Dry Location Liquid Pumps 1
43 24 Suspended Liquid Pumps 1
43 40 Gas and Liquid Storage 1
43 42 Pressurized Tanks And Vessels 1

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **San Bernardino County**, priced locally using current labor, material and equipment costs, and published in June 2022.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **San Bernardino County**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

LABOR COSTS:

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

EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

The Adjustment Factors Include:

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

BUSINESS COSTS:

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

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

PROJECT RELATED COSTS:

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

PRICE VARIATIONS:

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

SUMMARY:

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

Unit Price X Quantity X Adjustment Factor

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

General Rules:

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

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

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

DEMOLITION:

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

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

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

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

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

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

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

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

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

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

01 22 20 Wage Rates *(01 22)*

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker		84.28
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.86*	
01 22 20 00-0003	HR	Insulator		92.82
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.56*	
01 22 20 00-0004	HR	Boilermaker		100.81
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.16*	
01 22 20 00-0005	HR	Brick Layer		86.45
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.29*	
01 22 20 00-0006	HR	Carpenter		91.95
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.39*	
01 22 20 00-0007	HR	Carpet, Linoleum		75.76
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-15.15*	
01 22 20 00-0008	HR	Cement Mason		83.75
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.75*	
01 22 20 00-0009	HR	Drywall Finisher		86.99
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.40*	
01 22 20 00-0010	HR	Electrician		114.57
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.91*	
01 22 20 00-0011	HR	Equipment Operator (Crane Group 8)		103.09
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.62*	
		For Foreperson, Add	*5.15*	
01 22 20 00-0012	HR	Equipment Operator (Crane Group 9)		103.33
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.67*	
		For Foreperson, Add	*5.17*	
01 22 20 00-0013	HR	Equipment Operator (Crane Group 10)		104.71
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.94*	
01 22 20 00-0014	HR	Equipment Operator (Crane Group 11)		106.09
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.22*	
		For Foreperson, Add	*5.30*	
01 22 20 00-0015	HR	Equipment Operator (Crane Group 12)		107.48
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.50*	
		For Foreperson, Add	*5.37*	
01 22 20 00-0016	HR	Equipment Operator (Crane Group 13)		108.86
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.77*	
		For Foreperson, Add	*5.44*	
01 22 20 00-0017	HR	Equipment Operator (Group 2)		99.77
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.95*	
		For Foreperson, Add	*4.99*	
01 22 20 00-0018	HR	Equipment Operator (Group 3)		100.18
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.04*	
		For Foreperson, Add	*5.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0019	HR	Equipment Operator (Group 4)	102.24	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.45*	
01 22 20 00-0020	HR	Equipment Operator (Group 6)	102.54	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.51*	
		For Foreperson, Add	*5.13*	
01 22 20 00-0021	HR	Equipment Operator (Group 8)	102.69	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.54*	
01 22 20 00-0022	HR	Equipment Operator (Group 10)	102.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.57*	
		For Foreperson, Add	*5.14*	
01 22 20 00-0023	HR	Equipment Operator (Group 12)	103.09	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.62*	
		For Foreperson, Add	*5.15*	
01 22 20 00-0024	HR	Glazier	101.29	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.26*	
01 22 20 00-0025	HR	Laborer	81.94	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0026	HR	Lather	85.35	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.07*	
01 22 20 00-0027	HR	Marble Setter	86.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.29*	
01 22 20 00-0028	HR	Millwright	84.74	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.95*	
01 22 20 00-0029	HR	Mold Removal Worker	85.58	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.12*	
		For Foreperson, Add	*4.28*	
01 22 20 00-0030	HR	Painter, Ordinary	68.49	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-13.70*	
01 22 20 00-0031	HR	Painter, Structural Steel	73.47	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-14.69*	
01 22 20 00-0032	HR	Paperhanger	68.49	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-13.70*	
01 22 20 00-0033	HR	Pile Drivers	94.93	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.99*	
01 22 20 00-0034	HR	Plasterer	83.72	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.74*	
01 22 20 00-0035	HR	Plumber	103.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.74*	
01 22 20 00-0036	HR	Powderman	90.57	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.11*	
01 22 20 00-0037	HR	Rodman (Reinforcing)/Ornamental Steel Worker	98.26	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.65*	
01 22 20 00-0038	HR	Roofer, Composite	101.50	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.30*	
01 22 20 00-0039	HR	Roofer, Metal	123.74	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-24.75*	
		For Foreperson, Add	*6.19*	
01 22 20 00-0040	HR	Roofer, Tile/Slate	101.50	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.30*	
01 22 20 00-0041	HR	Sheet Metal Worker	101.28	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.26*	
01 22 20 00-0042	HR	Sprinkler Installer	103.37	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.67*	
01 22 20 00-0043	HR	Steam / Pipe Fitter	103.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.74*	
01 22 20 00-0044	HR	Stone Mason	86.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.29*	
01 22 20 00-0045	HR	Structural Steel Worker	100.47	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0046	HR	Tile Layer	77.53	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-15.51*	
01 22 20 00-0047	HR	Terrazzo Worker	74.51	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-14.90*	
01 22 20 00-0048	HR	Truck Driver (Group 2)	80.42	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.08*	
01 22 20 00-0049	HR	Truck Driver (Group 3)	80.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.12*	
		For Foreperson, Add	*4.03*	
01 22 20 00-0050	HR	Truck Driver (Group 4)	80.88	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.18*	
		For Foreperson, Add	*4.04*	
01 22 20 00-0051	HR	Truck Driver (Group 5)	80.92	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.18*	
		For Foreperson, Add	*4.05*	
01 22 20 00-0052	HR	Truck Driver (Group 6)	80.97	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.19*	
01 22 20 00-0053	HR	Truck Driver (Group 7)	81.32	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.26*	
01 22 20 00-0054	HR	Truck Driver (Group 8)	81.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.34*	
		For Foreperson, Add	*4.08*	
01 22 20 00-0055	HR	Truck Driver (Group 9)	81.97	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.39*	
		For Foreperson, Add	*4.10*	
01 22 20 00-0056	HR	Class I Diver	182.39	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0057	HR	Class III Diver Tender	101.50	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0058	HR	D1 Certified Welder	107.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		

01 22 20 00-0059 Rates For Services *(01 22 20)*

01 22 20 00-0060	HR	Watch/Guard Person, Unarmed	35.02	
01 22 20 00-0061	HR	Watch/Guard Person, Armed	44.28	
01 22 20 00-0062	HR	Senior Surveyor (Party Chief)	118.60	
01 22 20 00-0063	HR	Surveyor (Instrument person)	112.91	
01 22 20 00-0064	HR	Surveyor (Rod Person)	111.97	
01 22 20 00-0065	HR	On-Site Certified Materials Testing Technician	85.90	
01 22 20 00-0066	HR	Certified Industrial Hygienist	115.98	
01 22 20 00-0067	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera)	0.56	
		Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0068	HR	Fire Watch Laborer	81.94	
		Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		

01 22 20 00-0069 Rates For Project Management Services *(01 22 20)*

01 22 20 00-0070	HR	Project Manager	151.80	

01 22 20 00-0071 Rates For Architectural And Engineering Services *(01 22 20)*

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

01 22 20 00-0072	HR	Principal Architect	212.52	
01 22 20 00-0073	HR	Senior Architect	187.22	
01 22 20 00-0074	HR	Architect	142.94	
01 22 20 00-0075	HR	Principal Engineer	212.52	
01 22 20 00-0076	HR	Senior Engineer	161.92	
01 22 20 00-0077	HR	Engineer	129.03	
01 22 20 00-0078	HR	Draft Person	76.53	

01 22 20 00-0079 Rates For Traffic Control *(01 22 20)*

01 22 20 00-0080	HR	Flagperson For Traffic Control	81.94	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 20 00-0081 **Mobilize Equipment** *(01 22 20)*

01 22 20 00-0082	HR	Escort Vehicle With Driver	94.77	
01 22 20 00-0083	HR	Transport Vehicle With Driver	133.64	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0079 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

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

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

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

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

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

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

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	431.24	
		For Four-Wheel Drive, Add	*97.03*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,085.06	
		For Four-Wheel Drive, Add	*244.14*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,434.42	
		For Four-Wheel Drive, Add	*547.74*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	632.95	
		For Four-Wheel Drive, Add	*142.41*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,509.34	
		For Four-Wheel Drive, Add	*339.60*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,303.86	
		For Four-Wheel Drive, Add	*743.37*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,231.12	
		For Four-Wheel Drive, Add	*277.00*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	2,983.91	
		For Four-Wheel Drive, Add	*671.38*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,259.95	
		For Four-Wheel Drive, Add	*1,408.49*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,752.79	
		For Four-Wheel Drive, Add	*394.38*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,220.60	
		For Four-Wheel Drive, Add	*949.64*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	10,516.72	
		For Four-Wheel Drive, Add	*2,366.26*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,135.34	
		For Four-Wheel Drive, Add	*480.45*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,446.16	
		For Four-Wheel Drive, Add	*1,225.39*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	12,380.79	
		For Four-Wheel Drive, Add	*2,785.68*	

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

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

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

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	396.74
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	995.46
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,394.88
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	504.94
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,103.67
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,739.69
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	649.22
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,500.41
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,354.28
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,132.52
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,669.00
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,490.71
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,200.12
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,193.72
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	12,695.76

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

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	396.74
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	995.46
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,394.88
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	396.74
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	995.46
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,394.88
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	490.52

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,060.38	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,632.93	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	490.52	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,060.38	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,632.93	

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

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

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

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	172.79	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	345.58	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	706.86	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	188.50	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	376.99	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	753.98	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	243.47	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	486.95	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,044.58	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	314.16	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	620.47	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,374.45	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	337.72	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	659.74	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,492.26	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	439.82	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,091.71	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,039.50	

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

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

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	406.71	
		For Four-Wheel Drive, Add	*81.34*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	795.34	
		For Four-Wheel Drive, Add	*159.07*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,943.17	
		For Four-Wheel Drive, Add	*388.63*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	415.75	
		For Four-Wheel Drive, Add	*83.15*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	948.99	
		For Four-Wheel Drive, Add	*189.80*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,078.74	
		For Four-Wheel Drive, Add	*415.75*	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	460.94	
		For Four-Wheel Drive, Add	*92.19*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,057.45	
		For Four-Wheel Drive, Add	*211.49*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,349.88	
		For Four-Wheel Drive, Add	*469.98*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	488.05	
		For Four-Wheel Drive, Add	*97.61*	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,138.79	
		For Four-Wheel Drive, Add	*227.76*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,801.78	
		For Four-Wheel Drive, Add	*560.36*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	912.84	
		For Four-Wheel Drive, Add	*182.57*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,006.44	
		For Four-Wheel Drive, Add	*401.29*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	4,934.75	
		For Four-Wheel Drive, Add	*986.95*	

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

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

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	132.09	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	374.26	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	755.87	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	183.46	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	388.94	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,320.93	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	308.22	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	748.53	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,186.87	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	330.23	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	821.91	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,473.07	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	176.12	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	352.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	704.50	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	176.12	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	352.25	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	732.38	

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

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

01 22 23 00-0106	DAY	29' Bucket Truck With Full-Time Operator	1,232.12	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0107	WK	29' Bucket Truck With Full-Time Operator	4,991.80	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0108	MO	29' Bucket Truck With Full-Time Operator	18,496.78	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-0109	DAY	38' Bucket Truck With Full-Time Operator	1,306.49	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0110	WK	38' Bucket Truck With Full-Time Operator	5,230.87	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0111	MO	38' Bucket Truck With Full-Time Operator	19,134.28	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-0112	DAY	48' Bucket Truck With Full-Time Operator	1,497.74	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0113	WK	48' Bucket Truck With Full-Time Operator	5,576.18	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0114	MO	48' Bucket Truck With Full-Time Operator	19,878.03	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	1,922.74	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	6,957.43	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	23,596.78	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,135.24	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	7,701.18	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	26,253.03	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,241.49	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	8,019.93	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	26,508.03	
		For Equipment Without Operator, Deduct	*-14,034.28*	

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

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

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

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	168.91
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	506.72
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,407.56
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	202.69
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	596.81
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,689.08
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	270.25
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	608.07
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,340.00
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	382.86
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	968.40
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,308.40
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	851.29
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,049.41
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,107.76
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,024.71
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,522.35
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,193.28
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,024.71
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,522.35
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,193.28
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,193.61
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,675.49
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	7,134.65
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,486.39
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,344.37
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	8,918.32

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

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

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	81.38	
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	334.24	
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,009.97	
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines	14.64	
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	34.87	
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	183.97	
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	1.42	

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

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

01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	88.40	
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	367.42	
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	1,017.08	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	111.82	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	463.28	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,357.88	
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	143.78	
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	612.38	
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,714.65	
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers	21.03	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	29.55	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	311.77	

01 22 23 00-0174 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0175 Pavers And Rollers *(01 22 23 00-0174)*

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

01 22 23 00-0176 Pavers *(01 22 23 00-0175)*

01 22 23 00-0177	DAY	10' Wide Paving Machine With Full-Time Operator	3,236.53	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0178	WK	10' Wide Paving Machine With Full-Time Operator	13,767.67	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0179	MO	10' Wide Paving Machine With Full-Time Operator	52,300.52	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0180 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0175)*

01 22 23 00-0181	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,179.27	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0182	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,189.67	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0183	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	20,737.17	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0184	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,317.34	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0185	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,216.43	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0186	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	22,287.34	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0187	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,323.62	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0188	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	5,808.49	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0189	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	22,588.59	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0190 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0175)*

01 22 23 00-0191	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,235.76	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0192	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,256.20	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0193	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,120.00	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0194	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,499.35	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0195	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,789.66	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0196	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,801.97	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0197	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,562.11	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0198	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,185.05	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0199	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,906.55	
		For Equipment Without Operator, Deduct	*-17,800.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0200 Towed, Padfoot Rollers *(01 22 23 00-0175)*

01 22 23 00-0201	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	119.24	
01 22 23 00-0202	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	345.18	
01 22 23 00-0203	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,016.71	
01 22 23 00-0204	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	150.62	
01 22 23 00-0205	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	420.49	
01 22 23 00-0206	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,788.66	

01 22 23 00-0207 Static Rollers *(01 22 23 00-0175)*

01 22 23 00-0208	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,267.14	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0209	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,526.07	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0210	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	22,004.92	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0211	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,405.21	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0212	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,902.63	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0213	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	23,046.74	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0214 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0175)*

01 22 23 00-0215	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,066.30	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0216	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,823.15	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0217	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,682.80	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0218	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,160.44	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0219	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,105.57	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0220	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,435.92	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0221	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,223.20	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0222	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,293.85	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0223	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,938.00	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0224	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,304.79	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0225	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,532.34	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0226	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,559.32	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0227	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,467.97	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0228	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,009.32	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0229	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,820.80	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0230 Steel Roadway Plates *(01 22 23 00-0174)*

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

01 22 23 00-0231	EA	Placement And Removal Of Steel Roadway Plates	53.21	
01 22 23 00-0232	DAY	1" x 4' x 8' Steel Plate	37.51	
01 22 23 00-0233	WK	1" x 4' x 8' Steel Plate	88.56	
01 22 23 00-0234	MO	1" x 4' x 8' Steel Plate	116.55	
01 22 23 00-0235	DAY	1" x 4' x 10' Steel Plate	50.01	
01 22 23 00-0236	WK	1" x 4' x 10' Steel Plate	112.53	
01 22 23 00-0237	MO	1" x 4' x 10' Steel Plate	137.53	
01 22 23 00-0238	DAY	1" x 5' x 10' Steel Plate	52.10	
01 22 23 00-0239	WK	1" x 5' x 10' Steel Plate	117.73	
01 22 23 00-0240	MO	1" x 5' x 10' Steel Plate	312.57	
01 22 23 00-0241	DAY	1" x 6' x 8' Steel Plate	33.34	
01 22 23 00-0242	WK	1" x 6' x 8' Steel Plate	75.02	
01 22 23 00-0243	MO	1" x 6' x 8' Steel Plate	200.04	
01 22 23 00-0244	DAY	1" x 6' x 10' Steel Plate	62.51	
01 22 23 00-0245	WK	1" x 6' x 10' Steel Plate	82.31	
01 22 23 00-0246	MO	1" x 6' x 10' Steel Plate	219.84	
01 22 23 00-0247	DAY	1" x 6' x 12' Steel Plate	87.52	
01 22 23 00-0248	WK	1" x 6' x 12' Steel Plate	112.00	
01 22 23 00-0249	MO	1" x 6' x 12' Steel Plate	303.19	
01 22 23 00-0250	DAY	1" x 8' x 10' Steel Plate	55.22	
01 22 23 00-0251	WK	1" x 8' x 10' Steel Plate	123.99	
01 22 23 00-0252	MO	1" x 8' x 10' Steel Plate	330.28	
01 22 23 00-0253	DAY	1" x 8' x 12' Steel Plate	100.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0254	WK	1" x 8' x 12' Steel Plate	123.99	
01 22 23 00-0255	MO	1" x 8' x 12' Steel Plate	600.13	
01 22 23 00-0256	DAY	1" x 8' x 16' Steel Plate	133.36	
01 22 23 00-0257	WK	1" x 8' x 16' Steel Plate	300.07	
01 22 23 00-0258	MO	1" x 8' x 16' Steel Plate	800.18	
01 22 23 00-0259	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.36	1.02
01 22 23 00-0260	EA	Removal And Resetting Of Steel Roadway Plate	29.56	

01 22 23 00-0261 Street Sweepers *(01 22 23 00-0174)*

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

01 22 23 00-0262	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	1,007.41	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0263	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	4,840.44	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0264	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	20,396.54	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0265	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	1,739.30	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0266	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	7,780.18	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0267	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	30,892.26	
		For Equipment Without Operator, Deduct	*-17,720.91*	

01 22 23 00-0268 Earthmoving Equipment *(01 22 23)*

01 22 23 00-0269 Skid-Steer Loaders *(01 22 23 00-0268)*

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

01 22 23 00-0270	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,163.87	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0271	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	4,997.09	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0272	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	19,906.79	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0273	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,255.07	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0274	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,162.11	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0275	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	20,268.69	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0276	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,281.12	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0277	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	5,399.52	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0278	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	20,898.39	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0279	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,382.45	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0280	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	5,732.47	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0281	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	21,998.57	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0282	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,556.17	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0283	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	6,391.12	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0284	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	23,619.88	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0285	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	289.52	
01 22 23 00-0286	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	962.65	
01 22 23 00-0287	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,562.25	
01 22 23 00-0288	DAY	Forklift Attachment For Skid-Steer Loaders	62.25	
01 22 23 00-0289	WK	Forklift Attachment For Skid-Steer Loaders	166.47	
01 22 23 00-0290	MO	Forklift Attachment For Skid-Steer Loaders	470.47	
01 22 23 00-0291	DAY	Backhoe Attachment For Skid-Steer Loaders	137.52	
01 22 23 00-0292	WK	Backhoe Attachment For Skid-Steer Loaders	330.05	
01 22 23 00-0293	MO	Backhoe Attachment For Skid-Steer Loaders	820.79	
01 22 23 00-0294	DAY	Broom Attachment For Skid-Steer Loaders	136.07	
01 22 23 00-0295	WK	Broom Attachment For Skid-Steer Loaders	369.14	
01 22 23 00-0296	MO	Broom Attachment For Skid-Steer Loaders	977.13	
01 22 23 00-0297	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	118.70	
01 22 23 00-0298	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	327.16	
01 22 23 00-0299	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	893.17	
01 22 23 00-0300	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	32.72	
01 22 23 00-0301	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	85.60	
01 22 23 00-0302	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	251.75	
01 22 23 00-0303	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	44.05	
01 22 23 00-0304	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	109.51	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0305	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	327.29	
01 22 23 00-0306	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	64.19	
01 22 23 00-0307	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	195.12	
01 22 23 00-0308	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	579.04	
01 22 23 00-0309	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	13.03	
01 22 23 00-0310	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	30.40	
01 22 23 00-0311	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	81.07	

01 22 23 00-0312 Bulldozers *(01 22 23 00-0268)*

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

01 22 23 00-0313	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,246.20	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0314	WK	70 HP, D3 Bulldozer With Full-Time Operator	5,782.30	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0315	MO	70 HP, D3 Bulldozer With Full-Time Operator	22,767.75	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0316	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,446.52	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0317	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	6,591.57	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0318	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	25,251.62	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0319	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,015.40	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0320	WK	140 HP, D6 Bulldozer With Full-Time Operator	8,867.11	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0321	MO	140 HP, D6 Bulldozer With Full-Time Operator	32,062.25	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0322	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,520.19	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0323	WK	200 HP, D7 Bulldozer With Full-Time Operator	10,894.28	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0324	MO	200 HP, D7 Bulldozer With Full-Time Operator	38,151.75	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0325	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,121.13	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0326	WK	335 HP, D8 Bulldozer With Full-Time Operator	13,298.03	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0327	MO	335 HP, D8 Bulldozer With Full-Time Operator	45,363.00	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0328	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,457.65	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0329	WK	460 HP, D9 Bulldozer With Full-Time Operator	14,636.11	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0330	MO	460 HP, D9 Bulldozer With Full-Time Operator	49,369.25	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0331 Motor Scraper *(01 22 23 00-0268)*

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

01 22 23 00-0332	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator	1,813.68	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0333	WK	11 CY Motor Scraper-Hauler With Full-Time Operator	8,076.26	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0334	MO	11 CY Motor Scraper-Hauler With Full-Time Operator	29,692.12	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0335	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator	2,214.62	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0336	WK	18 CY Motor Scraper-Hauler With Full-Time Operator	9,680.00	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0337	MO	18 CY Motor Scraper-Hauler With Full-Time Operator	34,516.93	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0338	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator	2,601.96	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0339	WK	24 CY Motor Scraper-Hauler With Full-Time Operator	11,222.58	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0340	MO	24 CY Motor Scraper-Hauler With Full-Time Operator	39,137.87	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0341 Hydraulic Excavators *(01 22 23 00-0268)*

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

01 22 23 00-0342	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,173.84	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0343	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	5,353.77	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0344	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	21,975.36	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0345	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,273.00	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0346	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	5,790.88	
		For Equipment Without Operator, Deduct	*-4,107.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0347	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	23,723.79	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0348	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,304.32	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0349	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	5,953.98	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0350	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	24,010.85	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0351	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,336.94	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0352	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	6,104.03	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0353	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	24,297.90	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0354	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,363.03	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0355	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	6,260.61	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0356	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	24,584.96	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0357	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,715.33	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0358	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	7,663.27	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0359	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	28,466.74	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0360	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,767.52	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0361	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	7,891.61	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0362	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	29,151.76	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0363	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,865.38	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0364	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	8,283.05	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0365	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	30,326.08	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0366	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	1,976.29	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0367	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	8,720.16	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0368	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	31,630.88	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0369	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,008.91	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0370	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	8,850.64	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0371	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	32,022.32	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0372	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,322.06	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0373	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	10,109.77	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0374	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	35,806.24	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0375	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	2,772.22	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0376	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	11,897.35	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0377	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	41,155.92	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0378	DAY	6 To 11 CY Hydraulic Excavator With Full-Time Operator	3,326.76	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0379	WK	6 To 11 CY Hydraulic Excavator With Full-Time Operator	14,115.51	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0380	MO	6 To 11 CY Hydraulic Excavator With Full-Time Operator	47,810.40	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0381	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	91.34	
01 22 23 00-0382	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	352.30	
01 22 23 00-0383	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,043.84	
01 22 23 00-0384	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	404.49	
01 22 23 00-0385	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,069.94	
01 22 23 00-0386	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,994.52	
01 22 23 00-0387	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	626.30	
01 22 23 00-0388	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,598.38	
01 22 23 00-0389	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,155.79	
01 22 23 00-0390	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	874.22	
01 22 23 00-0391	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,355.16	
01 22 23 00-0392	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	6,602.29	
01 22 23 00-0393	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	182.67	
01 22 23 00-0394	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	730.69	
01 22 23 00-0395	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,192.06	
01 22 23 00-0396	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	260.96	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0397	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,043.84	
01 22 23 00-0398	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,131.52	
01 22 23 00-0399	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	287.06	
01 22 23 00-0400	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,135.18	
01 22 23 00-0401	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,392.48	

01 22 23 00-0402 Mini-Excavators *(01 22 23 00-0268)*

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

01 22 23 00-0403	DAY	2,000 LB Mini-Excavator With Full-Time Operator	1,095.55	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0404	WK	2,000 LB Mini-Excavator With Full-Time Operator	4,884.05	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0405	MO	2,000 LB Mini-Excavator With Full-Time Operator	19,509.29	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0406	DAY	3,500 LB Mini-Excavator With Full-Time Operator	1,102.07	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0407	WK	3,500 LB Mini-Excavator With Full-Time Operator	4,903.62	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0408	MO	3,500 LB Mini-Excavator With Full-Time Operator	19,920.30	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0409	DAY	6,000 LB Mini-Excavator With Full-Time Operator	1,184.69	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0410	WK	6,000 LB Mini-Excavator With Full-Time Operator	4,994.95	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0411	MO	6,000 LB Mini-Excavator With Full-Time Operator	19,979.02	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0412	DAY	7,500 LB Mini-Excavator With Full-Time Operator	1,147.74	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0413	WK	7,500 LB Mini-Excavator With Full-Time Operator	5,040.62	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0414	MO	7,500 LB Mini-Excavator With Full-Time Operator	20,005.11	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0415	DAY	9,500 LB Mini-Excavator With Full-Time Operator	1,226.03	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0416	WK	9,500 LB Mini-Excavator With Full-Time Operator	5,105.86	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0417	MO	9,500 LB Mini-Excavator With Full-Time Operator	20,761.90	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0418	DAY	11,000 LB Mini-Excavator With Full-Time Operator	1,232.55	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0419	WK	11,000 LB Mini-Excavator With Full-Time Operator	5,432.06	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0420	MO	11,000 LB Mini-Excavator With Full-Time Operator	20,794.52	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0421 Telescopic Hydraulic Excavators (Gradall) *(01 22 23 00-0268)*

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

01 22 23 00-0422	DAY	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	2,338.50	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0423	WK	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	10,168.75	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0424	MO	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	39,432.77	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0425 Road Graders *(01 22 23 00-0268)*

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

01 22 23 00-0426	DAY	60 HP Road Grader With Full-Time Operator	1,383.39	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0427	WK	60 HP Road Grader With Full-Time Operator	5,627.57	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0428	MO	60 HP Road Grader With Full-Time Operator	22,345.24	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0429	DAY	80 HP Road Grader With Full-Time Operator	1,549.07	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0430	WK	80 HP Road Grader With Full-Time Operator	6,088.58	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0431	MO	80 HP Road Grader With Full-Time Operator	23,742.66	
		For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0432	DAY	130 HP Road Grader With Full-Time Operator	1,436.87	
		For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0433	WK	130 HP Road Grader With Full-Time Operator	6,569.03	
		For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0434	MO	130 HP Road Grader With Full-Time Operator	26,596.07	
		For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0435 Loader-Backhoes With Standard Bucket *(01 22 23 00-0268)*

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

01 22 23 00-0436	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,202.09	
		For Equipment Without Operator, Deduct	*-821.54*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0437		WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	5,011.49	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0438		MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	19,926.99	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0439		DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,242.86	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0440		WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	5,154.20	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0441		MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	20,796.82	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0442		DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,305.72	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0443		WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	5,310.49	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0444		MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	21,245.32	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0445		DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,586.03	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0446		WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	6,146.34	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0447		MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	23,637.33	
			For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0448 Heavy Duty Construction Loaders *(01 22 23 00-0268)*

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

01 22 23 00-0449		DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,291.00	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0450		WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	5,963.87	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0451		MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	23,361.32	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0452		DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,681.02	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0453		WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	6,390.00	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0454		MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	23,578.00	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0455		DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,767.69	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0456		WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	6,621.12	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0457		MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	24,155.80	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0458		DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,006.03	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0459		WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	7,249.48	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0460		MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	25,744.75	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0461		DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,619.94	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0462		WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	11,286.85	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0463		MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	39,323.05	
			For Equipment Without Operator, Deduct	*-17,800.00*	
01 22 23 00-0464		DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	6,664.47	
			For Equipment Without Operator, Deduct	*-821.54*	
01 22 23 00-0465		WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	23,081.00	
			For Equipment Without Operator, Deduct	*-4,107.69*	
01 22 23 00-0466		MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	69,507.39	
			For Equipment Without Operator, Deduct	*-17,800.00*	

01 22 23 00-0467 Shoring *(01 22 23 00-0268)*

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

01 22 23 00-0468 Aluminum Hydraulic Shoring *(01 22 23 00-0467)*

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

01 22 23 00-0469		WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	70.77	
01 22 23 00-0470		MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	208.74	
01 22 23 00-0471		WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	94.94	
01 22 23 00-0472		MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	280.01	
01 22 23 00-0473		WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	176.03	
01 22 23 00-0474		MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	519.30	
01 22 23 00-0475		EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	25.80	
01 22 23 00-0476		EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	41.28	
01 22 23 00-0477		EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	68.79	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0478		**Trench Boxes/Trench Shields** *(01 22 23 00-0268)* Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0479	WK	4' x 6' Trench Box With Up To 48" Spreaders	170.50	
01 22 23 00-0480	MO	4' x 6' Trench Box With Up To 48" Spreaders	511.50	
01 22 23 00-0481	WK	6' x 6' Trench Box With Up To 48" Spreaders	192.50	
01 22 23 00-0482	MO	6' x 6' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0483	WK	8' x 6' Trench Box With Up To 48" Spreaders	203.50	
01 22 23 00-0484	MO	8' x 6' Trench Box With Up To 48" Spreaders	610.50	
01 22 23 00-0485	WK	4' x 8' Trench Box With Up To 48" Spreaders	187.00	
01 22 23 00-0486	MO	4' x 8' Trench Box With Up To 48" Spreaders	561.00	
01 22 23 00-0487	WK	6' x 8' Trench Box With Up To 48" Spreaders	220.00	
01 22 23 00-0488	MO	6' x 8' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0489	WK	8' x 8' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0490	MO	8' x 8' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0491	WK	4' x 10' Trench Box With Up To 48" Spreaders	209.00	
01 22 23 00-0492	MO	4' x 10' Trench Box With Up To 48" Spreaders	627.00	
01 22 23 00-0493	WK	6' x 10' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0494	MO	6' x 10' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0495	WK	8' x 10' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0496	MO	8' x 10' Trench Box With Up To 48" Spreaders	902.00	
01 22 23 00-0497	WK	4' x 12' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0498	MO	4' x 12' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0499	WK	6' x 12' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0500	MO	6' x 12' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0501	WK	8' x 12' Trench Box With Up To 48" Spreaders	385.00	
01 22 23 00-0502	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,155.00	
01 22 23 00-0503	WK	4' x 14' Trench Box With Up To 48" Spreaders	275.00	
01 22 23 00-0504	MO	4' x 14' Trench Box With Up To 48" Spreaders	825.00	
01 22 23 00-0505	WK	6' x 14' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0506	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0507	WK	8' x 14' Trench Box With Up To 48" Spreaders	440.00	
01 22 23 00-0508	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,320.00	
01 22 23 00-0509	WK	4' x 16' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0510	MO	4' x 16' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0511	WK	6' x 16' Trench Box With Up To 48" Spreaders	412.50	
01 22 23 00-0512	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,237.50	
01 22 23 00-0513	WK	8' x 16' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0514	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0515	WK	4' x 20' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0516	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0517	WK	6' x 20' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0518	MO	6' x 20' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0519	WK	8' x 20' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0520	MO	8' x 20' Trench Box With Up To 48" Spreaders	1,732.50	
01 22 23 00-0521	WK	4' x 24' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0522	MO	4' x 24' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0523	WK	6' x 24' Trench Box With Up To 48" Spreaders	605.00	
01 22 23 00-0524	MO	6' x 24' Trench Box With Up To 48" Spreaders	1,815.00	
01 22 23 00-0525	WK	8' x 24' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0526	MO	8' x 24' Trench Box With Up To 48" Spreaders	1,980.00	
01 22 23 00-0527	WK	For Spreaders >48" To 84", Add	16.50	
01 22 23 00-0528	MO	For Spreaders >48" To 84", Add	49.50	
01 22 23 00-0529	WK	For Spreaders >84" To 120", Add	99.00	
01 22 23 00-0530	MO	For Spreaders >84" To 120", Add	297.00	
01 22 23 00-0531	WK	For Spreaders >120", Add	209.00	
01 22 23 00-0532	MO	For Spreaders >120", Add	627.00	
01 22 23 00-0533	WK	8' x 4' Manhole Box	259.88	
01 22 23 00-0534	MO	8' x 4' Manhole Box	779.63	
01 22 23 00-0535	WK	8' x 8' Manhole Box	371.25	
01 22 23 00-0536	MO	8' x 8' Manhole Box	1,113.75	
01 22 23 00-0537		**Trenchers** *(01 22 23 00-0268)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0538	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,203.06	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0539	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	5,401.42	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0540	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	21,331.86	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0541	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,853.03	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0542	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	7,592.06	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0543	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	27,350.11	
		For Equipment Without Operator, Deduct	*-17,720.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0544		**Tractors** *(01 22 23 00-0268)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0545	DAY	20 To 29 HP Tractor	545.98	
01 22 23 00-0546	WK	20 To 29 HP Tractor	1,314.39	
01 22 23 00-0547	MO	20 To 29 HP Tractor	3,548.84	
01 22 23 00-0548	DAY	30 To 35 HP Tractor	565.72	
01 22 23 00-0549	WK	30 To 35 HP Tractor	1,456.42	
01 22 23 00-0550	MO	30 To 35 HP Tractor	4,032.23	
01 22 23 00-0551	DAY	40 To 45 HP Tractor	577.75	
01 22 23 00-0552	WK	40 To 45 HP Tractor	1,552.71	
01 22 23 00-0553	MO	40 To 45 HP Tractor	4,260.92	
01 22 23 00-0554	DAY	80 To 89 HP Tractor	743.86	
01 22 23 00-0555	WK	80 To 89 HP Tractor	2,109.52	
01 22 23 00-0556	MO	80 To 89 HP Tractor	6,040.16	
01 22 23 00-0557	DAY	60" Rotary Mower Attachment For Tractors	233.51	
01 22 23 00-0558	WK	60" Rotary Mower Attachment For Tractors	722.19	
01 22 23 00-0559	DAY	84" Rotary Mower Attachment For Tractors	255.17	
01 22 23 00-0560	WK	84" Rotary Mower Attachment For Tractors	782.37	
01 22 23 00-0561	DAY	Under Deck Rotary Mower Attachment For Tractors	37.20	
01 22 23 00-0562	WK	Under Deck Rotary Mower Attachment For Tractors	148.80	
01 22 23 00-0563		**Portable Sediment Tank** *(01 22 23 00-0268)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0564	WK	Portable Sediment Tank	186.00	
01 22 23 00-0565	MO	Portable Sediment Tank	545.60	
01 22 23 00-0566		**Heavy Equipment (Ground Protection) Mats** *(01 22 23 00-0268)* Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0268 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0567	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	47.07	
01 22 23 00-0568	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	112.08	
01 22 23 00-0569	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	235.36	
01 22 23 00-0570	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	49.43	
01 22 23 00-0571	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	117.68	
01 22 23 00-0572	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	247.13	
01 22 23 00-0573	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	40.01	
01 22 23 00-0574	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	94.14	
01 22 23 00-0575	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	200.06	
01 22 23 00-0576	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	44.72	
01 22 23 00-0577	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	105.91	
01 22 23 00-0578	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	223.59	
01 22 23 00-0579	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	49.43	
01 22 23 00-0580	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	117.68	
01 22 23 00-0581	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	247.13	
01 22 23 00-0582	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.13	
01 22 23 00-0583	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	128.89	
01 22 23 00-0584	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	270.66	
01 22 23 00-0585	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	42.36	
01 22 23 00-0586	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	117.68	
01 22 23 00-0587	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	211.82	
01 22 23 00-0588	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	49.43	
01 22 23 00-0589	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	117.68	
01 22 23 00-0590	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	247.13	
01 22 23 00-0591	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	58.84	
01 22 23 00-0592	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	129.45	
01 22 23 00-0593	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	294.20	
01 22 23 00-0594	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	63.55	
01 22 23 00-0595	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	151.30	
01 22 23 00-0596	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	317.74	
01 22 23 00-0597	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	68.25	
01 22 23 00-0598	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	162.51	
01 22 23 00-0599	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	341.27	
01 22 23 00-0600	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	70.61	
01 22 23 00-0601	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	168.11	
01 22 23 00-0602	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	353.04	
01 22 23 00-0603	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.64	
01 22 23 00-0604	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.60	
01 22 23 00-0605	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	169.81	
01 22 23 00-0606	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.07	
01 22 23 00-0607	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	67.67	
01 22 23 00-0608	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	203.00	
01 22 23 00-0609	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.91	
01 22 23 00-0610	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	77.28	
01 22 23 00-0611	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	231.83	
01 22 23 00-0612	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.95	
01 22 23 00-0613	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	82.38	
01 22 23 00-0614	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	247.13	
01 22 23 00-0615	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	37.66	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0616	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	94.14	
01 22 23 00-0617	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	282.43	
01 22 23 00-0618	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	43.27	
01 22 23 00-0619	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	108.19	
01 22 23 00-0620	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	324.56	
01 22 23 00-0621	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	33.30	
01 22 23 00-0622	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	83.24	
01 22 23 00-0623	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	249.72	
01 22 23 00-0624	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.08	
01 22 23 00-0625	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	112.70	
01 22 23 00-0626	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	338.09	
01 22 23 00-0627	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	38.98	
01 22 23 00-0628	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	97.44	
01 22 23 00-0629	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	292.32	
01 22 23 00-0630	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	65.00	
01 22 23 00-0631	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	162.51	
01 22 23 00-0632	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	487.52	
01 22 23 00-0633	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.29	
01 22 23 00-0634	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	173.22	
01 22 23 00-0635	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	519.67	

01 22 23 00-0636 Electrical Equipment *(01 22 23)*

01 22 23 00-0637 Tripod Mounted Floodlights *(01 22 23 00-0636)*

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

01 22 23 00-0638	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	62.84	
01 22 23 00-0639	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	148.67	
01 22 23 00-0640	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	314.20	
01 22 23 00-0641	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	62.84	
01 22 23 00-0642	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	183.92	
01 22 23 00-0643	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	544.11	
01 22 23 00-0644	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	70.50	
01 22 23 00-0645	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	191.59	
01 22 23 00-0646	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	467.47	

01 22 23 00-0647 Trailer Mounted Floodlights *(01 22 23 00-0636)*

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

01 22 23 00-0648	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	176.26	
01 22 23 00-0649	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	390.84	
01 22 23 00-0650	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	842.98	

01 22 23 00-0651 Generator Sets *(01 22 23 00-0636)*

01 22 23 00-0652 Portable, Gas Or Diesel Powered Generator Sets *(01 22 23 00-0651)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0759 for reimbursable fuel fees.

01 22 23 00-0653	DAY	3.6 KW, 8 HP Gas Powered Generator Set	56.32	
		For LP Or NG Gas, Add	*7.04*	
		For >160 To 320 Hours Usage Per Month, Add	*28.16*	
01 22 23 00-0654	WK	3.6 KW, 8 HP Gas Powered Generator Set	203.02	
		For LP Or NG Gas, Add	*25.38*	
01 22 23 00-0655	MO	3.6 KW, 8 HP Gas Powered Generator Set	563.21	
		For LP Or NG Gas, Add	*70.40*	
01 22 23 00-0656	DAY	5 KW, 11 HP Gas Powered Generator Set	79.90	
		For LP Or NG Gas, Add	*9.99*	
01 22 23 00-0657	WK	5 KW, 11 HP Gas Powered Generator Set	255.41	
		For LP Or NG Gas, Add	*31.93*	
01 22 23 00-0658	MO	5 KW, 11 HP Gas Powered Generator Set	582.86	
		For LP Or NG Gas, Add	*72.86*	
01 22 23 00-0659	DAY	6.5 KW, 13 HP Gas Powered Generator Set	102.16	
		For LP Or NG Gas, Add	*12.77*	
01 22 23 00-0660	WK	6.5 KW, 13 HP Gas Powered Generator Set	275.06	
		For LP Or NG Gas, Add	*34.38*	
01 22 23 00-0661	MO	6.5 KW, 13 HP Gas Powered Generator Set	759.68	
		For LP Or NG Gas, Add	*94.96*	
01 22 23 00-0662	DAY	10 KW, 18 HP Gas Powered Generator Set	113.95	
		For LP Or NG Gas, Add	*14.24*	
01 22 23 00-0663	WK	10 KW, 18 HP Gas Powered Generator Set	307.80	
		For LP Or NG Gas, Add	*38.48*	
01 22 23 00-0664	MO	10 KW, 18 HP Gas Powered Generator Set	884.12	
		For LP Or NG Gas, Add	*110.52*	

01 22 23 00-0665 Towable, Diesel Powered Generator Sets *(01 22 23 00-0651)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0759 for reimbursable fuel fees.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0666	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	234.45	
		For >8 To 16 Hours Usage Per Day, Add	*117.23*	
		For >16 To 24 Hours Usage Per Day, Add	*234.45*	
01 22 23 00-0667	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	612.99	
		For >40 To 80 Hours Usage Per Week, Add	*306.50*	
		For >80 Hours Usage Per Week, Add	*612.99*	
01 22 23 00-0668	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	1,670.00	
		For >160 To 320 Hours Usage Per Month, Add	*835.00*	
		For >320 Hours Usage Per Month, Add	*1,670.00*	
01 22 23 00-0669	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	338.92	
		For >8 To 16 Hours Usage Per Day, Add	*169.46*	
		For >16 To 24 Hours Usage Per Day, Add	*338.92*	
01 22 23 00-0670	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	1,005.84	
		For >40 To 80 Hours Usage Per Week, Add	*502.92*	
		For >80 Hours Usage Per Week, Add	*1,005.84*	
01 22 23 00-0671	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	2,077.27	
		For >160 To 320 Hours Usage Per Month, Add	*1,038.64*	
		For >320 Hours Usage Per Month, Add	*2,077.27*	
01 22 23 00-0672	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	371.72	
		For >8 To 16 Hours Usage Per Day, Add	*185.86*	
		For >16 To 24 Hours Usage Per Day, Add	*371.72*	
01 22 23 00-0673	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	1,038.64	
		For >40 To 80 Hours Usage Per Week, Add	*519.32*	
		For >80 Hours Usage Per Week, Add	*1,038.64*	
01 22 23 00-0674	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	2,295.93	
		For >160 To 320 Hours Usage Per Month, Add	*1,147.97*	
		For >320 Hours Usage Per Month, Add	*2,295.93*	
01 22 23 00-0675	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	399.05	
		For >8 To 16 Hours Usage Per Day, Add	*199.53*	
		For >16 To 24 Hours Usage Per Day, Add	*399.05*	
01 22 23 00-0676	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	1,093.30	
		For >40 To 80 Hours Usage Per Week, Add	*546.65*	
		For >80 Hours Usage Per Week, Add	*1,093.30*	
01 22 23 00-0677	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	2,623.92	
		For >160 To 320 Hours Usage Per Month, Add	*1,311.96*	
		For >320 Hours Usage Per Month, Add	*2,623.92*	
01 22 23 00-0678	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	437.32	
		For >8 To 16 Hours Usage Per Day, Add	*218.66*	
		For >16 To 24 Hours Usage Per Day, Add	*437.32*	
01 22 23 00-0679	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	1,240.90	
		For >40 To 80 Hours Usage Per Week, Add	*620.45*	
		For >80 Hours Usage Per Week, Add	*1,240.90*	
01 22 23 00-0680	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	2,951.91	
		For >160 To 320 Hours Usage Per Month, Add	*1,475.96*	
		For >320 Hours Usage Per Month, Add	*2,951.91*	
01 22 23 00-0681	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	491.98	
		For >8 To 16 Hours Usage Per Day, Add	*245.99*	
		For >16 To 24 Hours Usage Per Day, Add	*491.98*	
01 22 23 00-0682	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	1,311.96	
		For >40 To 80 Hours Usage Per Week, Add	*655.98*	
		For >80 Hours Usage Per Week, Add	*1,311.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0683	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	3,279.90	
		For >160 To 320 Hours Usage Per Month, Add	*1,639.95*	
		For >320 Hours Usage Per Month, Add	*3,279.90*	
01 22 23 00-0684	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	508.38	
		For >8 To 16 Hours Usage Per Day, Add	*254.19*	
		For >16 To 24 Hours Usage Per Day, Add	*508.38*	
01 22 23 00-0685	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,366.62	
		For >40 To 80 Hours Usage Per Week, Add	*683.31*	
		For >80 Hours Usage Per Week, Add	*1,366.62*	
01 22 23 00-0686	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	3,717.22	
		For >160 To 320 Hours Usage Per Month, Add	*1,858.61*	
		For >320 Hours Usage Per Month, Add	*3,717.22*	
01 22 23 00-0687	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	573.98	
		For >8 To 16 Hours Usage Per Day, Add	*286.99*	
		For >16 To 24 Hours Usage Per Day, Add	*573.98*	
01 22 23 00-0688	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,585.28	
		For >40 To 80 Hours Usage Per Week, Add	*792.64*	
		For >80 Hours Usage Per Week, Add	*1,585.28*	
01 22 23 00-0689	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,263.87	
		For >160 To 320 Hours Usage Per Month, Add	*2,131.94*	
		For >320 Hours Usage Per Month, Add	*4,263.87*	
01 22 23 00-0690	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	601.32	
		For >8 To 16 Hours Usage Per Day, Add	*300.66*	
		For >16 To 24 Hours Usage Per Day, Add	*601.32*	
01 22 23 00-0691	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,667.28	
		For >40 To 80 Hours Usage Per Week, Add	*833.64*	
		For >80 Hours Usage Per Week, Add	*1,667.28*	
01 22 23 00-0692	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	4,701.19	
		For >160 To 320 Hours Usage Per Month, Add	*2,350.60*	
		For >320 Hours Usage Per Month, Add	*4,701.19*	
01 22 23 00-0693	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	628.65	
		For >8 To 16 Hours Usage Per Day, Add	*314.33*	
		For >16 To 24 Hours Usage Per Day, Add	*628.65*	
01 22 23 00-0694	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	1,803.94	
		For >40 To 80 Hours Usage Per Week, Add	*901.97*	
		For >80 Hours Usage Per Week, Add	*1,803.94*	
01 22 23 00-0695	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	4,919.85	
		For >160 To 320 Hours Usage Per Month, Add	*2,459.93*	
		For >320 Hours Usage Per Month, Add	*4,919.85*	
01 22 23 00-0696	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	655.98	
		For >8 To 16 Hours Usage Per Day, Add	*327.99*	
		For >16 To 24 Hours Usage Per Day, Add	*655.98*	
01 22 23 00-0697	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	1,913.28	
		For >40 To 80 Hours Usage Per Week, Add	*956.64*	
		For >80 Hours Usage Per Week, Add	*1,913.28*	
01 22 23 00-0698	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	5,138.51	
		For >160 To 320 Hours Usage Per Month, Add	*2,569.26*	
		For >320 Hours Usage Per Month, Add	*5,138.51*	
01 22 23 00-0699	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	655.98	
		For >8 To 16 Hours Usage Per Day, Add	*327.99*	
		For >16 To 24 Hours Usage Per Day, Add	*655.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0700	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	1,913.28	
		For >40 To 80 Hours Usage Per Week, Add	*956.64*	
		For >80 Hours Usage Per Week, Add	*1,913.28*	
01 22 23 00-0701	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	5,138.51	
		For >160 To 320 Hours Usage Per Month, Add	*2,569.26*	
		For >320 Hours Usage Per Month, Add	*5,138.51*	
01 22 23 00-0702	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	901.97	
		For >8 To 16 Hours Usage Per Day, Add	*450.99*	
		For >16 To 24 Hours Usage Per Day, Add	*901.97*	
01 22 23 00-0703	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,241.26	
		For >40 To 80 Hours Usage Per Week, Add	*1,120.63*	
		For >80 Hours Usage Per Week, Add	*2,241.26*	
01 22 23 00-0704	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	6,559.80	
		For >160 To 320 Hours Usage Per Month, Add	*3,279.90*	
		For >320 Hours Usage Per Month, Add	*6,559.80*	
01 22 23 00-0705	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	956.64	
		For >8 To 16 Hours Usage Per Day, Add	*478.32*	
		For >16 To 24 Hours Usage Per Day, Add	*956.64*	
01 22 23 00-0706	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	2,295.93	
		For >40 To 80 Hours Usage Per Week, Add	*1,147.97*	
		For >80 Hours Usage Per Week, Add	*2,295.93*	
01 22 23 00-0707	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	6,778.46	
		For >160 To 320 Hours Usage Per Month, Add	*3,389.23*	
		For >320 Hours Usage Per Month, Add	*6,778.46*	
01 22 23 00-0708	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	1,011.30	
		For >8 To 16 Hours Usage Per Day, Add	*505.65*	
		For >16 To 24 Hours Usage Per Day, Add	*1,011.30*	
01 22 23 00-0709	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	2,350.60	
		For >40 To 80 Hours Usage Per Week, Add	*1,175.30*	
		For >80 Hours Usage Per Week, Add	*2,350.60*	
01 22 23 00-0710	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	6,997.12	
		For >160 To 320 Hours Usage Per Month, Add	*3,498.56*	
		For >320 Hours Usage Per Month, Add	*6,997.12*	
01 22 23 00-0711	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	1,044.10	
		For >8 To 16 Hours Usage Per Day, Add	*522.05*	
		For >16 To 24 Hours Usage Per Day, Add	*1,044.10*	
01 22 23 00-0712	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	2,514.59	
		For >40 To 80 Hours Usage Per Week, Add	*1,257.30*	
		For >80 Hours Usage Per Week, Add	*2,514.59*	
01 22 23 00-0713	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	7,434.44	
		For >160 To 320 Hours Usage Per Month, Add	*3,717.22*	
		For >320 Hours Usage Per Month, Add	*7,434.44*	
01 22 23 00-0714	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	1,093.30	
		For >8 To 16 Hours Usage Per Day, Add	*546.65*	
		For >16 To 24 Hours Usage Per Day, Add	*1,093.30*	
01 22 23 00-0715	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	2,842.58	
		For >40 To 80 Hours Usage Per Week, Add	*1,421.29*	
		For >80 Hours Usage Per Week, Add	*2,842.58*	
01 22 23 00-0716	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	8,199.75	
		For >160 To 320 Hours Usage Per Month, Add	*4,099.88*	
		For >320 Hours Usage Per Month, Add	*8,199.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0717	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	1,523.92	
		For >8 To 16 Hours Usage Per Day, Add	*761.96*	
		For >16 To 24 Hours Usage Per Day, Add	*1,523.92*	
01 22 23 00-0718	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	3,940.06	
		For >40 To 80 Hours Usage Per Week, Add	*1,970.03*	
		For >80 Hours Usage Per Week, Add	*3,940.06*	
01 22 23 00-0719	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	10,420.00	
		For >160 To 320 Hours Usage Per Month, Add	*5,210.00*	
		For >320 Hours Usage Per Month, Add	*10,420.00*	
01 22 23 00-0720	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	1,953.75	
		For >8 To 16 Hours Usage Per Day, Add	*976.88*	
		For >16 To 24 Hours Usage Per Day, Add	*1,953.75*	
01 22 23 00-0721	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	5,079.75	
		For >40 To 80 Hours Usage Per Week, Add	*2,539.88*	
		For >80 Hours Usage Per Week, Add	*5,079.75*	
01 22 23 00-0722	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	11,722.50	
		For >160 To 320 Hours Usage Per Month, Add	*5,861.25*	
		For >320 Hours Usage Per Month, Add	*11,722.50*	
01 22 23 00-0723	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	2,416.14	
		For >8 To 16 Hours Usage Per Day, Add	*1,208.07*	
		For >16 To 24 Hours Usage Per Day, Add	*2,416.14*	
01 22 23 00-0724	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	6,382.25	
		For >40 To 80 Hours Usage Per Week, Add	*3,191.13*	
		For >80 Hours Usage Per Week, Add	*6,382.25*	
01 22 23 00-0725	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	15,630.00	
		For >160 To 320 Hours Usage Per Month, Add	*7,815.00*	
		For >320 Hours Usage Per Month, Add	*15,630.00*	
01 22 23 00-0726	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	2,611.51	
		For >8 To 16 Hours Usage Per Day, Add	*1,305.76*	
		For >16 To 24 Hours Usage Per Day, Add	*2,611.51*	
01 22 23 00-0727	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	6,017.55	
		For >40 To 80 Hours Usage Per Week, Add	*3,008.78*	
		For >80 Hours Usage Per Week, Add	*6,017.55*	
01 22 23 00-0728	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	18,052.65	
		For >160 To 320 Hours Usage Per Month, Add	*9,026.33*	
		For >320 Hours Usage Per Month, Add	*18,052.65*	
01 22 23 00-0729	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	856.16	
01 22 23 00-0730	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,384.34	

01 22 23 00-0731 Cabling For Generator Sets *(01 22 23 00-0651)*

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

01 22 23 00-0732	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	24.05	
01 22 23 00-0733	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	42.09	
01 22 23 00-0734	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	126.28	
01 22 23 00-0735	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	12.03	
01 22 23 00-0736	WK	50', 4/0 Cable With Camlock Ends For Generator Set	34.99	
01 22 23 00-0737	MO	50', 4/0 Cable With Camlock Ends For Generator Set	97.30	

01 22 23 00-0738 Resistive Load Banks For Generator Sets *(01 22 23 00-0651)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0759 for reimbursable fuel fees.

01 22 23 00-0739	DAY	100 KW A/C Resistive Load Bank	333.91	
01 22 23 00-0740	WK	100 KW A/C Resistive Load Bank	635.08	
01 22 23 00-0741	MO	100 KW A/C Resistive Load Bank	1,735.01	
01 22 23 00-0742	DAY	650 KW A/C Resistive Load Bank	667.64	
01 22 23 00-0743	WK	650 KW A/C Resistive Load Bank	1,785.44	
01 22 23 00-0744	MO	650 KW A/C Resistive Load Bank	4,552.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0745 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0651)*

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

01 22 23 00-0746	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	59.04
01 22 23 00-0747	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	153.06
01 22 23 00-0748	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	431.85

01 22 23 00-0749 Portable Distribution Panels For Generator Sets *(01 22 23 00-0651)*

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

01 22 23 00-0750	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	131.20
01 22 23 00-0751	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	355.32
01 22 23 00-0752	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	994.90
01 22 23 00-0753	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	107.14
01 22 23 00-0754	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	278.79
01 22 23 00-0755	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	792.64
01 22 23 00-0756	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	136.66
01 22 23 00-0757	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	344.39
01 22 23 00-0758	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	934.77

01 22 23 00-0759 Fuel Reimbursement For Generators *(01 22 23 00-0651)*

01 22 23 00-0760	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00

01 22 23 00-0761 General Equipment *(01 22 23)*

01 22 23 00-0762 Jacks And Bracing *(01 22 23 00-0761)*

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

01 22 23 00-0763 Manual Hydraulic Jacks *(01 22 23 00-0762)*

01 22 23 00-0764	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67
01 22 23 00-0765	WK	12 Ton Manual Hydraulic Bottle Jack	7.93
01 22 23 00-0766	MO	12 Ton Manual Hydraulic Bottle Jack	28.50
01 22 23 00-0767	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92
01 22 23 00-0768	WK	20 Ton Manual Hydraulic Bottle Jack	9.18
01 22 23 00-0769	MO	20 Ton Manual Hydraulic Bottle Jack	34.76
01 22 23 00-0770	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43
01 22 23 00-0771	WK	50 Ton Manual Hydraulic Bottle Jack	40.49
01 22 23 00-0772	MO	50 Ton Manual Hydraulic Bottle Jack	145.66
01 22 23 00-0773	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61
01 22 23 00-0774	WK	100 Ton Manual Hydraulic Bottle Jack	58.43
01 22 23 00-0775	MO	100 Ton Manual Hydraulic Bottle Jack	210.46

01 22 23 00-0776 Manual Screw Jacks *(01 22 23 00-0762)*

01 22 23 00-0777	DAY	10 To 20 Ton Manual Screw Jack	25.41
01 22 23 00-0778	WK	10 To 20 Ton Manual Screw Jack	68.40
01 22 23 00-0779	MO	10 To 20 Ton Manual Screw Jack	189.58

01 22 23 00-0780 Pressure Washers *(01 22 23 00-0761)*

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

01 22 23 00-0781	DAY	2,000 PSI Pressure Washer With Full-Time Operator	786.42
		For Equipment Without Operator, Deduct	*-655.48*
01 22 23 00-0782	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,609.80
		For Equipment Without Operator, Deduct	*-3,277.41*
01 22 23 00-0783	MO	2,000 PSI Pressure Washer With Full-Time Operator	15,048.21
		For Equipment Without Operator, Deduct	*-14,202.12*
01 22 23 00-0784	DAY	2,500 PSI Pressure Washer With Full-Time Operator	796.72
		For Equipment Without Operator, Deduct	*-655.48*
01 22 23 00-0785	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,635.95
		For Equipment Without Operator, Deduct	*-3,277.41*
01 22 23 00-0786	MO	2,500 PSI Pressure Washer With Full-Time Operator	15,114.78
		For Equipment Without Operator, Deduct	*-14,202.12*
01 22 23 00-0787	DAY	3,000 PSI Pressure Washer With Full-Time Operator	786.42
		For Equipment Without Operator, Deduct	*-655.48*
01 22 23 00-0788	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,609.80
		For Equipment Without Operator, Deduct	*-3,277.41*
01 22 23 00-0789	MO	3,000 PSI Pressure Washer With Full-Time Operator	15,048.21
		For Equipment Without Operator, Deduct	*-14,202.12*
01 22 23 00-0790	DAY	3,500 PSI Pressure Washer With Full-Time Operator	807.59
		For Equipment Without Operator, Deduct	*-655.48*
01 22 23 00-0791	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,668.55
		For Equipment Without Operator, Deduct	*-3,277.41*
01 22 23 00-0792	MO	3,500 PSI Pressure Washer With Full-Time Operator	15,201.70
		For Equipment Without Operator, Deduct	*-14,202.12*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0793	DAY	4,000 PSI Pressure Washer With Full-Time Operator	836.78	
		For Equipment Without Operator, Deduct	*-655.48*	
01 22 23 00-0794	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,770.96	
		For Equipment Without Operator, Deduct	*-3,277.41*	
01 22 23 00-0795	MO	4,000 PSI Pressure Washer With Full-Time Operator	15,582.05	
		For Equipment Without Operator, Deduct	*-14,202.12*	
01 22 23 00-0796	DAY	5,000 PSI Pressure Washer With Full-Time Operator	872.78	
		For Equipment Without Operator, Deduct	*-655.48*	
01 22 23 00-0797	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,864.12	
		For Equipment Without Operator, Deduct	*-3,277.41*	
01 22 23 00-0798	MO	5,000 PSI Pressure Washer With Full-Time Operator	15,853.60	
		For Equipment Without Operator, Deduct	*-14,202.12*	

01 22 23 00-0799 Confined Space Entry Equipment *(01 22 23 00-0761)*

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

01 22 23 00-0800	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	51.61	
01 22 23 00-0801	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	154.82	
01 22 23 00-0802	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	461.99	
01 22 23 00-0803	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	59.44	
01 22 23 00-0804	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	178.31	
01 22 23 00-0805	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	534.93	
01 22 23 00-0806	DAY	Confined Space Air Monitor Personnel Note: Per person day.	817.89	

01 22 23 00-0807 Space Heaters *(01 22 23 00-0761)*

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

01 22 23 00-0808	DAY	150,000 BTU/Hour Space Heater	65.60	
01 22 23 00-0809	WK	150,000 BTU/Hour Space Heater	188.60	
01 22 23 00-0810	MO	150,000 BTU/Hour Space Heater	533.00	
01 22 23 00-0811	DAY	500,000 BTU/Hour Space Heater	139.40	
01 22 23 00-0812	WK	500,000 BTU/Hour Space Heater	344.40	
01 22 23 00-0813	MO	500,000 BTU/Hour Space Heater	870.84	

01 22 23 00-0814 Mowers *(01 22 23 00-0761)*

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

01 22 23 00-0815	DAY	21" Walk Behind Lawn Mower	86.92	
01 22 23 00-0816	WK	21" Walk Behind Lawn Mower	249.90	
01 22 23 00-0817	MO	21" Walk Behind Lawn Mower	510.66	
01 22 23 00-0818	DAY	32" Walk Behind Lawn Mower	108.65	
01 22 23 00-0819	WK	32" Walk Behind Lawn Mower	260.76	
01 22 23 00-0820	MO	32" Walk Behind Lawn Mower	543.25	
01 22 23 00-0821	DAY	36" To 48" Walk Behind Deck Mower	195.57	
01 22 23 00-0822	WK	36" To 48" Walk Behind Deck Mower	543.25	
01 22 23 00-0823	MO	36" To 48" Walk Behind Deck Mower	1,575.42	
01 22 23 00-0824	DAY	61" To 72" Walk Behind Deck Mower	195.57	
01 22 23 00-0825	WK	61" To 72" Walk Behind Deck Mower	543.25	
01 22 23 00-0826	MO	61" To 72" Walk Behind Deck Mower	1,575.42	

01 22 23 00-0827 Marine Equipment *(01 22 23)*

01 22 23 00-0828 Barge And Tug Boat Rental *(01 22 23 00-0827)*

01 22 23 00-0829	DAY	50' Deck Cargo Barge	1,074.86	
01 22 23 00-0830	DAY	90' Deck Cargo Barge	1,525.92	
01 22 23 00-0831	DAY	160' Deck Cargo Barge	2,245.70	
01 22 23 00-0832	DAY	200' Deck Cargo Barge	3,406.94	
01 22 23 00-0833	DAY	Barge Rental With Mounted Crane And Full-time Operator Note: Including barge.	2,575.37	
01 22 23 00-0834	HR	250 HP Tug Boat With Operator	210.64	
01 22 23 00-0835	HR	400 HP Tug Boat With Operator	387.49	
01 22 23 00-0836	HR	500 To 800 HP Tug Boat With Operator	489.13	
01 22 23 00-0837	HR	16' Work Boat With Operator	112.00	
01 22 23 00-0838	HR	48' Work Boat With Operator	381.74	

01 22 23 00-0839 Material Handling Equipment *(01 22 23)*

01 22 23 00-0840 Truck Mounted Hydraulic Cranes *(01 22 23 00-0839)*

Note: Includes full-time operator, delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.

01 22 23 00-0841	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,324.47	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0842	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,663.10	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0843	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	22,588.21	
		For Equipment Without Operator, Deduct	*-18,149.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0844	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,453.32	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0845	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,046.08	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0846	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	23,733.57	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0847	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,582.17	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0848	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,429.06	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0849	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	24,878.93	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0850	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,753.98	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0851	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,944.47	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0852	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	26,418.01	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0853	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,911.47	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0854	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,011.09	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0855	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,614.99	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0856	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,283.71	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0857	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,342.57	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0858	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	33,612.30	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0859	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,519.94	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0860	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,172.96	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0861	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	36,109.18	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0862	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,706.06	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0863	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,845.85	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0864	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	38,125.02	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0865	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,892.18	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0866	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,518.75	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0867	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	40,140.85	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0868	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,013.87	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0869	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,933.95	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0870	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,400.75	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0871	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,178.52	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0872	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,549.58	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0873	MO	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	43,233.32	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0874	DAY	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,708.25	
		For Equipment Without Operator, Deduct	*-837.69*	
		For Half Day Usage, Deduct	*-1,148.22*	
01 22 23 00-0875	WK	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	14,235.40	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0876	MO	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	48,290.80	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0877	DAY	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,073.33	
		For Equipment Without Operator, Deduct	*-837.69*	
		For Half Day Usage, Deduct	*-1,294.26*	
01 22 23 00-0878	WK	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	15,513.20	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0879	MO	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	52,124.18	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0880	DAY	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,731.91	
		For Equipment Without Operator, Deduct	*-837.69*	
		For Half Day Usage, Deduct	*-1,557.69*	
01 22 23 00-0881	WK	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	17,818.23	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0882	MO	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	59,039.29	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0883	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,190.06	
		For Equipment Without Operator, Deduct	*-837.69*	
		For Half Day Usage, Deduct	*-1,740.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0884	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	19,421.74	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0885	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	63,849.80	
		For Equipment Without Operator, Deduct	*-18,149.94*	

01 22 23 00-0886 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0839)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0004 for lattice crane delivery.

01 22 23 00-0887	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,555.73	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0888	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	10,316.13	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0889	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	36,532.97	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0890	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,880.05	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0891	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	12,520.94	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0892	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	43,147.42	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0893	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,094.81	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0894	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	14,088.66	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0895	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	47,849.12	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0896	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,524.32	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0897	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	15,656.37	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0898	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	52,545.10	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0899	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,728.33	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0900	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	17,224.08	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0901	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	57,252.53	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0902	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,932.35	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0903	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	18,791.79	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0904	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	61,959.96	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0905	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,605.25	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0906	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	21,204.20	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0907	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	69,187.18	
		For Equipment Without Operator, Deduct	*-18,149.94*	
01 22 23 00-0908	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	9,742.86	
		For Equipment Without Operator, Deduct	*-837.69*	
01 22 23 00-0909	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	35,950.71	
		For Equipment Without Operator, Deduct	*-4,188.45*	
01 22 23 00-0910	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	113,443.89	
		For Equipment Without Operator, Deduct	*-18,149.94*	

01 22 23 00-0911 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0839)*

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

01 22 23 00-0912	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,343.32	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0913	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,375.35	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0914	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	20,486.31	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0915	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,398.62	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0916	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,499.79	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0917	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	20,762.85	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0918	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,384.80	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0919	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,562.02	
		For Equipment Without Operator, Deduct	*-4,089.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0920	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	21,177.66	
		For Equipment Without Operator, Deduct	*-17,720.91*	
01 22 23 00-0921	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,543.81	
		For Equipment Without Operator, Deduct	*-817.89*	
01 22 23 00-0922	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,976.83	
		For Equipment Without Operator, Deduct	*-4,089.44*	
01 22 23 00-0923	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	22,145.55	
		For Equipment Without Operator, Deduct	*-17,720.91*	

01 22 23 00-0924 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0839)*

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

01 22 23 00-0925	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,159.42	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*68.31*	
01 22 23 00-0926	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,022.07	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*186.53*	
01 22 23 00-0927	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	19,855.45	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*426.91*	
01 22 23 00-0928	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,177.39	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*71.90*	
01 22 23 00-0929	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,071.16	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*196.34*	
01 22 23 00-0930	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	19,967.80	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*449.38*	
01 22 23 00-0931	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,274.18	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*91.26*	
01 22 23 00-0932	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,340.78	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*250.27*	
01 22 23 00-0933	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	20,590.01	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*573.82*	
01 22 23 00-0934	DAY	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,327.48	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*101.92*	
01 22 23 00-0935	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,317.69	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*245.65*	
01 22 23 00-0936	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	20,778.47	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*611.51*	

01 22 23 00-0937 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0839)*

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

01 22 23 00-0938	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,108.26	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*58.07*	
01 22 23 00-0939	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,753.14	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*132.74*	
01 22 23 00-0940	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	19,311.01	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*318.02*	
01 22 23 00-0941	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,115.17	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*59.46*	
01 22 23 00-0942	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,773.88	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*136.89*	
01 22 23 00-0943	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	19,359.41	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*327.70*	
01 22 23 00-0944	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,260.35	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*88.49*	
01 22 23 00-0945	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,091.90	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*200.49*	
01 22 23 00-0946	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	20,140.63	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*483.94*	
01 22 23 00-0947	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,274.18	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*91.26*	
01 22 23 00-0948	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,209.43	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*224.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0949	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	20,555.45	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*566.91*	
01 22 23 00-0950	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,398.62	
		For Equipment Without Operator, Deduct	*-817.89*	
		For Propane Instead Of Gas Or Diesel, Add	*116.15*	
01 22 23 00-0951	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,409.92	
		For Equipment Without Operator, Deduct	*-4,089.44*	
		For Propane Instead Of Gas Or Diesel, Add	*264.10*	
01 22 23 00-0952	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	20,901.12	
		For Equipment Without Operator, Deduct	*-17,720.91*	
		For Propane Instead Of Gas Or Diesel, Add	*636.04*	

01 22 23 00-0953 Chain Hoists *(01 22 23 00-0839)*

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

01 22 23 00-0954	DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.52	
01 22 23 00-0955	WK	1 Ton, 20' Lift, Manual Chain Hoist	32.55	
01 22 23 00-0956	MO	1 Ton, 20' Lift, Manual Chain Hoist	96.40	
01 22 23 00-0957	DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.06	
01 22 23 00-0958	WK	3 Ton, 20' Lift, Manual Chain Hoist	82.63	
01 22 23 00-0959	MO	3 Ton, 20' Lift, Manual Chain Hoist	231.62	
01 22 23 00-0960	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.07	
01 22 23 00-0961	WK	5 Ton, 20' Lift, Manual Chain Hoist	121.44	
01 22 23 00-0962	MO	5 Ton, 20' Lift, Manual Chain Hoist	338.04	
01 22 23 00-0963	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89	
01 22 23 00-0964	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62	
01 22 23 00-0965	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
01 22 23 00-0966	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
01 22 23 00-0967	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-0968	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
01 22 23 00-0969	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
01 22 23 00-0970	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	
01 22 23 00-0971	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	

01 22 23 00-0972 Roof Swing Hoist *(01 22 23 00-0839)*

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

01 22 23 00-0973	DAY	Up To 400#, Manual Swing Roof Hoist	92.92	
01 22 23 00-0974	WK	Up To 400#, Manual Swing Roof Hoist	325.20	
01 22 23 00-0975	MO	Up To 400#, Manual Swing Roof Hoist	1,114.98	

01 22 23 00-0976 Pumping Equipment *(01 22 23)*

01 22 23 00-0977 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0976)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1001 for larger diameter pumps.

01 22 23 00-0978	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	68.23	
01 22 23 00-0979	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	153.52	
01 22 23 00-0980	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	409.39	
01 22 23 00-0981	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	81.88	
01 22 23 00-0982	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	184.23	
01 22 23 00-0983	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	491.27	

01 22 23 00-0984 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0976)*

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

01 22 23 00-0985	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	78.47	
01 22 23 00-0986	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	221.75	
01 22 23 00-0987	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	562.91	
01 22 23 00-0988	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	95.52	
01 22 23 00-0989	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	255.87	
01 22 23 00-0990	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	724.96	

01 22 23 00-0991 Gas Powered Portable Trash Pumps *(01 22 23 00-0976)*

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

01 22 23 00-0992	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	98.94	
01 22 23 00-0993	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	204.70	
01 22 23 00-0994	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	614.09	
01 22 23 00-0995	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	98.94	
01 22 23 00-0996	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	264.40	
01 22 23 00-0997	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	724.96	
01 22 23 00-0998	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	156.93	
01 22 23 00-0999	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	443.51	
01 22 23 00-1000	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,287.88	

01 22 23 00-1001 Diesel Powered Portable Trash Pumps *(01 22 23 00-0976)*

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

01 22 23 00-1002	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	307.04	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1003	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump		835.84	
01 22 23 00-1004	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump		3,641.88	
01 22 23 00-1005	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		469.10	
01 22 23 00-1006	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		1,228.18	
01 22 23 00-1007	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		3,266.61	
01 22 23 00-1008	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		637.97	
01 22 23 00-1009	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		1,707.51	
01 22 23 00-1010	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump		4,568.13	
01 22 23 00-1011	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump		825.61	
01 22 23 00-1012	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump		2,108.37	
01 22 23 00-1013	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump		6,192.05	

01 22 23 00-1014 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0976)*

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

01 22 23 00-1015	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		438.39	
01 22 23 00-1016	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		997.89	
01 22 23 00-1017	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		3,111.38	
01 22 23 00-1018	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		537.33	
01 22 23 00-1019	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		1,339.05	
01 22 23 00-1020	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		3,641.88	
01 22 23 00-1021	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		648.20	
01 22 23 00-1022	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		1,917.32	
01 22 23 00-1023	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		5,347.68	
01 22 23 00-1024	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		975.72	
01 22 23 00-1025	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		2,492.17	
01 22 23 00-1026	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump		7,317.88	

01 22 23 00-1027 3 Phase Electric Submersible Pumps *(01 22 23 00-0976)*

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

01 22 23 00-1028	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump		170.58	
01 22 23 00-1029	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump		426.45	
01 22 23 00-1030	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump		1,279.35	
01 22 23 00-1031	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump		225.17	
01 22 23 00-1032	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump		562.91	
01 22 23 00-1033	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump		1,688.74	

01 22 23 00-1034 Suction Hose With Couplings *(01 22 23 00-0976)*

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

01 22 23 00-1035	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings		6.48	
01 22 23 00-1036	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings		16.20	
01 22 23 00-1037	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings		49.68	
01 22 23 00-1038	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings		17.28	
01 22 23 00-1039	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings		44.28	
01 22 23 00-1040	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings		135.00	
01 22 23 00-1041	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings		25.92	
01 22 23 00-1042	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings		65.88	
01 22 23 00-1043	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings		199.80	
01 22 23 00-1044	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings		32.40	
01 22 23 00-1045	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings		81.00	
01 22 23 00-1046	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings		237.60	
01 22 23 00-1047	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings		75.60	
01 22 23 00-1048	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings		194.40	
01 22 23 00-1049	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings		572.40	
01 22 23 00-1050	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings		101.52	
01 22 23 00-1051	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings		221.40	
01 22 23 00-1052	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings		664.20	

01 22 23 00-1053 Discharge Hose With Couplings *(01 22 23 00-0976)*

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

01 22 23 00-1054	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings		6.48	
01 22 23 00-1055	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings		16.20	
01 22 23 00-1056	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings		49.68	
01 22 23 00-1057	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings		7.56	
01 22 23 00-1058	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings		18.36	
01 22 23 00-1059	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings		57.24	
01 22 23 00-1060	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings		8.64	
01 22 23 00-1061	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings		21.60	
01 22 23 00-1062	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings		65.88	
01 22 23 00-1063	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings		22.68	
01 22 23 00-1064	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings		58.32	
01 22 23 00-1065	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings		167.40	
01 22 23 00-1066	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings		28.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1067	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	76.68	
01 22 23 00-1068	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	210.60	
01 22 23 00-1069	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	21.60	
01 22 23 00-1070	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	54.00	
01 22 23 00-1071	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	162.00	
01 22 23 00-1072	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	55.08	
01 22 23 00-1073	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	140.40	
01 22 23 00-1074	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	415.80	
01 22 23 00-1075		Hydraulic Submersible Pumps *(01 22 23 00-0976)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1076		Hydraulic Submersible Pumps *(01 22 23 00-1075)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1077	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	112.58	
01 22 23 00-1078	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	301.93	
01 22 23 00-1079	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	844.37	
01 22 23 00-1080	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	143.29	
01 22 23 00-1081	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	368.45	
01 22 23 00-1082	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,125.83	
01 22 23 00-1083		Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-1075)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1084	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	260.13	
01 22 23 00-1085	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	776.14	
01 22 23 00-1086	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,046.96	
01 22 23 00-1087		HDPE Pipe With Couplings *(01 22 23 00-0976)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1088	DAY	4" x 20' HDPE Pipe With Couplings	14.75	
01 22 23 00-1089	WK	4" x 20' HDPE Pipe With Couplings	35.40	
01 22 23 00-1090	MO	4" x 20' HDPE Pipe With Couplings	109.15	
01 22 23 00-1091	DAY	6" x 20' HDPE Pipe With Couplings	23.60	
01 22 23 00-1092	WK	6" x 20' HDPE Pipe With Couplings	59.00	
01 22 23 00-1093	MO	6" x 20' HDPE Pipe With Couplings	179.95	
01 22 23 00-1094	DAY	8" x 20' HDPE Pipe With Couplings	38.35	
01 22 23 00-1095	WK	8" x 20' HDPE Pipe With Couplings	100.30	
01 22 23 00-1096	MO	8" x 20' HDPE Pipe With Couplings	297.95	
01 22 23 00-1097	DAY	10" x 20' HDPE Pipe With Couplings	47.20	
01 22 23 00-1098	WK	10" x 20' HDPE Pipe With Couplings	120.95	
01 22 23 00-1099	MO	10" x 20' HDPE Pipe With Couplings	368.75	
01 22 23 00-1100	DAY	12" x 10' HDPE Pipe With Couplings	35.40	
01 22 23 00-1101	WK	12" x 10' HDPE Pipe With Couplings	97.35	
01 22 23 00-1102	MO	12" x 10' HDPE Pipe With Couplings	295.00	
01 22 23 00-1103	DAY	4" Elbow For HDPE Pipe, Quick Connect	35.40	
01 22 23 00-1104	WK	4" Elbow For HDPE Pipe, Quick Connect	91.45	
01 22 23 00-1105	MO	4" Elbow For HDPE Pipe, Quick Connect	271.40	
01 22 23 00-1106	DAY	6" Elbow For HDPE Pipe, Quick Connect	41.30	
01 22 23 00-1107	WK	6" Elbow For HDPE Pipe, Quick Connect	106.20	
01 22 23 00-1108	MO	6" Elbow For HDPE Pipe, Quick Connect	324.50	
01 22 23 00-1109	DAY	8" Elbow For HDPE Pipe, Quick Connect	47.20	
01 22 23 00-1110	WK	8" Elbow For HDPE Pipe, Quick Connect	120.95	
01 22 23 00-1111	MO	8" Elbow For HDPE Pipe, Quick Connect	368.75	
01 22 23 00-1112	DAY	10" Elbow For HDPE Pipe, Quick Connect	59.00	
01 22 23 00-1113	WK	10" Elbow For HDPE Pipe, Quick Connect	150.45	
01 22 23 00-1114	MO	10" Elbow For HDPE Pipe, Quick Connect	457.25	
01 22 23 00-1115	DAY	12" Elbow For HDPE Pipe, Quick Connect	59.00	
01 22 23 00-1116	WK	12" Elbow For HDPE Pipe, Quick Connect	150.45	
01 22 23 00-1117	MO	12" Elbow For HDPE Pipe, Quick Connect	457.25	
01 22 23 00-1118	DAY	4" Tee For HDPE Pipe, Quick Connect	35.40	
01 22 23 00-1119	WK	4" Tee For HDPE Pipe, Quick Connect	91.45	
01 22 23 00-1120	MO	4" Tee For HDPE Pipe, Quick Connect	271.40	
01 22 23 00-1121	DAY	6" Tee For HDPE Pipe, Quick Connect	47.20	
01 22 23 00-1122	WK	6" Tee For HDPE Pipe, Quick Connect	120.95	
01 22 23 00-1123	MO	6" Tee For HDPE Pipe, Quick Connect	368.75	
01 22 23 00-1124	DAY	8" Tee For HDPE Pipe, Quick Connect	59.00	
01 22 23 00-1125	WK	8" Tee For HDPE Pipe, Quick Connect	150.45	
01 22 23 00-1126	MO	8" Tee For HDPE Pipe, Quick Connect	457.25	
01 22 23 00-1127	DAY	10" Tee For HDPE Pipe, Quick Connect	70.80	
01 22 23 00-1128	WK	10" Tee For HDPE Pipe, Quick Connect	179.95	
01 22 23 00-1129	MO	10" Tee For HDPE Pipe, Quick Connect	545.75	
01 22 23 00-1130	DAY	12" Tee For HDPE Pipe, Quick Connect	70.80	
01 22 23 00-1131	WK	12" Tee For HDPE Pipe, Quick Connect	179.95	
01 22 23 00-1132	MO	12" Tee For HDPE Pipe, Quick Connect	545.75	
01 22 23 00-1133	DAY	4" Cap For HDPE Pipe, Quick Connect	5.90	
01 22 23 00-1134	WK	4" Cap For HDPE Pipe, Quick Connect	17.70	
01 22 23 00-1135	MO	4" Cap For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1136	DAY	6" Cap For HDPE Pipe, Quick Connect	5.90	
01 22 23 00-1137	WK	6" Cap For HDPE Pipe, Quick Connect	17.70	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1138	MO	6" Cap For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1139	DAY	8" Cap For HDPE Pipe, Quick Connect	5.90	
01 22 23 00-1140	WK	8" Cap For HDPE Pipe, Quick Connect	17.70	
01 22 23 00-1141	MO	8" Cap For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1142	DAY	10" Cap For HDPE Pipe, Quick Connect	5.90	
01 22 23 00-1143	WK	10" Cap For HDPE Pipe, Quick Connect	17.70	
01 22 23 00-1144	MO	10" Cap For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1145	DAY	12" Cap For HDPE Pipe, Quick Connect	5.90	
01 22 23 00-1146	WK	12" Cap For HDPE Pipe, Quick Connect	17.70	
01 22 23 00-1147	MO	12" Cap For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1148	DAY	4" Wye For HDPE Pipe, Quick Connect	17.70	
01 22 23 00-1149	WK	4" Wye For HDPE Pipe, Quick Connect	44.25	
01 22 23 00-1150	MO	4" Wye For HDPE Pipe, Quick Connect	135.70	
01 22 23 00-1151	DAY	6" Wye For HDPE Pipe, Quick Connect	20.65	
01 22 23 00-1152	WK	6" Wye For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1153	MO	6" Wye For HDPE Pipe, Quick Connect	162.25	
01 22 23 00-1154	DAY	8" Wye For HDPE Pipe, Quick Connect	35.40	
01 22 23 00-1155	WK	8" Wye For HDPE Pipe, Quick Connect	91.45	
01 22 23 00-1156	MO	8" Wye For HDPE Pipe, Quick Connect	271.40	
01 22 23 00-1157	DAY	10" Wye For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1158	WK	10" Wye For HDPE Pipe, Quick Connect	135.70	
01 22 23 00-1159	MO	10" Wye For HDPE Pipe, Quick Connect	413.00	
01 22 23 00-1160	DAY	12" Wye For HDPE Pipe, Quick Connect	53.10	
01 22 23 00-1161	WK	12" Wye For HDPE Pipe, Quick Connect	135.70	
01 22 23 00-1162	MO	12" Wye For HDPE Pipe, Quick Connect	413.00	

01 22 23 00-1163 Temporary Building Services *(01 22 23)*

01 22 23 00-1164 Boilers *(01 22 23 00-1163)*

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

01 22 23 00-1165 Electric Boilers *(01 22 23 00-1164)*

01 22 23 00-1166	MO	40 MBH, 12 KW Electric Boiler Rental	2,596.85
01 22 23 00-1167	MO	60 MBH, 20 KW Electric Boiler Rental	2,832.97
01 22 23 00-1168	MO	95 MBH, 30 KW Electric Boiler Rental	2,951.03
01 22 23 00-1169	MO	135 MBH, 40 KW Electric Boiler Rental	3,305.09
01 22 23 00-1170	MO	165 MBH, 50 KW Electric Boiler Rental	4,603.51
01 22 23 00-1171	MO	215 MBH, 60 KW Electric Boiler Rental	5,311.77
01 22 23 00-1172	MO	365 MBH, 100 KW Electric Boiler Rental	6,964.37
01 22 23 00-1173	MO	510 MBH, 150 KW Electric Boiler Rental	8,498.90

01 22 23 00-1174 Oil/Gas Fired Boilers *(01 22 23 00-1164)*

01 22 23 00-1175	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,288.00
		For >3 Months Rental, Deduct	*-343.20*
01 22 23 00-1176	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	2,974.40
		For >3 Months Rental, Deduct	*-446.16*
01 22 23 00-1177	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	4,804.80
		For >3 Months Rental, Deduct	*-720.72*
01 22 23 00-1178	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	6,635.20
		For >3 Months Rental, Deduct	*-995.28*

01 22 23 00-1179 Oil Fired Boilers *(01 22 23 00-1164)*

01 22 23 00-1180	MO	250 HP Oil Fired Boiler Rental	7,293.28
01 22 23 00-1181	MO	350 HP Oil Fired Boiler Rental	9,724.38
01 22 23 00-1182	MO	500 HP Oil Fired Boiler Rental	12,155.47
01 22 23 00-1183	MO	600 HP Oil Fired Boiler Rental	13,371.02

01 22 23 00-1184 Boilers Setup *(01 22 23 00-1164)*

01 22 23 00-1185	EA	Setup Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	7,197.30

01 22 23 00-1186 Chillers *(01 22 23 00-1163)*

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

01 22 23 00-1187 Air Cooled Chillers *(01 22 23 00-1186)*

01 22 23 00-1188	MO	25 Ton Air Cooled Chiller Rental	2,302.74
		For >3 To 6 Month Rental, Deduct	*-345.41*
		For >6 Month Rental, Deduct	*-575.69*
01 22 23 00-1189	MO	40 Ton Air Cooled Chiller Rental	3,684.39
		For >3 To 6 Month Rental, Deduct	*-552.66*
		For >6 Month Rental, Deduct	*-921.10*
01 22 23 00-1190	MO	60 Ton Air Cooled Chiller Rental	4,506.42
		For >3 To 6 Month Rental, Deduct	*-675.96*
		For >6 Month Rental, Deduct	*-1,126.61*
01 22 23 00-1191	MO	80 Ton Air Cooled Chiller Rental	5,328.46
		For >3 To 6 Month Rental, Deduct	*-799.27*
		For >6 Month Rental, Deduct	*-1,332.12*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1192	MO	100 Ton Air Cooled Chiller Rental	6,150.49	
		For >3 To 6 Month Rental, Deduct	*-922.57*	
		For >6 Month Rental, Deduct	*-1,537.62*	
01 22 23 00-1193	MO	125 Ton Air Cooled Chiller Rental	7,125.46	
		For >3 To 6 Month Rental, Deduct	*-1,068.82*	
		For >6 Month Rental, Deduct	*-1,781.37*	
01 22 23 00-1194	MO	155 Ton Air Cooled Chiller Rental	8,620.06	
		For >3 To 6 Month Rental, Deduct	*-1,293.01*	
		For >6 Month Rental, Deduct	*-2,155.02*	
01 22 23 00-1195	MO	170 Ton Air Cooled Chiller Rental	9,217.91	
		For >3 To 6 Month Rental, Deduct	*-1,382.69*	
		For >6 Month Rental, Deduct	*-2,304.48*	
01 22 23 00-1196	MO	200 Ton Air Cooled Chiller Rental	10,589.13	
		For >3 To 6 Month Rental, Deduct	*-1,588.37*	
		For >6 Month Rental, Deduct	*-2,647.28*	
01 22 23 00-1197	MO	250 Ton Air Cooled Chiller Rental	12,599.90	
		For >3 To 6 Month Rental, Deduct	*-1,889.99*	
		For >6 Month Rental, Deduct	*-3,149.98*	
01 22 23 00-1198	MO	300 Ton Air Cooled Chiller Rental Note: Includes trailer.	14,702.78	
		For >3 To 6 Month Rental, Deduct	*-2,205.42*	
		For >6 Month Rental, Deduct	*-3,675.70*	
01 22 23 00-1199	MO	400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	19,395.16	
		For >3 To 6 Month Rental, Deduct	*-2,909.27*	
		For >6 Month Rental, Deduct	*-4,848.79*	
01 22 23 00-1200	MO	500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	24,007.59	
		For >3 To 6 Month Rental, Deduct	*-3,601.14*	
		For >6 Month Rental, Deduct	*-6,001.90*	
01 22 23 00-1201	EA	Setup Air Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,003.00	

01 22 23 00-1202 Chiller Rental Accessories *(01 22 23 00-1186)*

01 22 23 00-1203	MO	4" x 25' Flexible Water Hose For Chiller Rental	41.03	
01 22 23 00-1204	MO	6" x 25' Flexible Water Hose For Chiller Rental	51.29	

01 22 23 00-1205 Cooling Tower *(01 22 23 00-1163)*

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

01 22 23 00-1206	MO	100 Ton Cooling Tower Rental	2,113.15	
		For >3 To 6 Months Rental, Deduct	*-316.97*	
		For >6 Months Rental, Deduct	*-528.29*	
01 22 23 00-1207	MO	200 Ton Cooling Tower Rental	3,846.75	
		For >3 To 6 Months Rental, Deduct	*-577.01*	
		For >6 Months Rental, Deduct	*-961.69*	
01 22 23 00-1208	MO	250 Ton Cooling Tower Rental	4,356.26	
		For >3 To 6 Months Rental, Deduct	*-653.44*	
		For >6 Months Rental, Deduct	*-1,089.07*	
01 22 23 00-1209	MO	300 Ton Cooling Tower Rental	4,923.84	
		For >3 To 6 Months Rental, Deduct	*-738.58*	
		For >6 Months Rental, Deduct	*-1,230.96*	
01 22 23 00-1210	MO	400 Ton Cooling Tower Rental	6,154.80	
		For >3 To 6 Months Rental, Deduct	*-923.22*	
		For >6 Months Rental, Deduct	*-1,538.70*	
01 22 23 00-1211	MO	500 Ton Cooling Tower Rental	7,196.02	
		For >3 To 6 Months Rental, Deduct	*-1,079.40*	
		For >6 Months Rental, Deduct	*-1,799.01*	
01 22 23 00-1212	MO	Setup Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	5,003.00	

01 22 23 00-1213 Emergency Cooler/Freezer *(01 22 23 00-1163)*

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

01 22 23 00-1214	DAY	8 x 6 x 7 Emergency Cooler Rental	79.51	
01 22 23 00-1215	WK	8 x 6 x 7 Emergency Cooler Rental	424.04	
01 22 23 00-1216	DAY	10 x 7 x 7 Emergency Cooler Rental	159.02	
01 22 23 00-1217	WK	10 x 7 x 7 Emergency Cooler Rental	636.06	
01 22 23 00-1218	MO	10 x 7 x 7 Emergency Cooler Rental	1,590.15	
01 22 23 00-1219	DAY	10 x 7 x 7 Emergency Freezer Rental	185.52	
01 22 23 00-1220	WK	10 x 7 x 7 Emergency Freezer Rental	742.07	
01 22 23 00-1221	MO	10 x 7 x 7 Emergency Freezer Rental	1,908.18	
01 22 23 00-1222	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	212.02	
01 22 23 00-1223	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	848.08	
01 22 23 00-1224	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,120.20	

01 22 23 00-1225 Fuel Oil Tank *(01 22 23 00-1163)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0759 for reimbursable fuel fees.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1226	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental		416.54	
01 22 23 00-1227	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental		647.96	
01 22 23 00-1228	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental		1,619.89	
01 22 23 00-1229	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental		2,699.81	
01 22 23 00-1230	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental		3,563.75	
01 22 23 00-1231	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental		6,366.42	

01 22 23 00-1232 Portable Spot Cooling Units *(01 22 23 00-1163)*

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

01 22 23 00-1233	DAY	1 Ton Portable Spot Cooling Unit		169.85	
01 22 23 00-1234	WK	1 Ton Portable Spot Cooling Unit		363.01	
01 22 23 00-1235	MO	1 Ton Portable Spot Cooling Unit		869.95	
01 22 23 00-1236	DAY	1.5 Ton Portable Spot Cooling Unit		222.12	
01 22 23 00-1237	WK	1.5 Ton Portable Spot Cooling Unit		456.21	
01 22 23 00-1238	MO	1.5 Ton Portable Spot Cooling Unit		1,070.29	
01 22 23 00-1239	DAY	2 Ton Portable Spot Cooling Unit		299.42	
01 22 23 00-1240	WK	2 Ton Portable Spot Cooling Unit		626.06	
01 22 23 00-1241	MO	2 Ton Portable Spot Cooling Unit		1,159.57	
01 22 23 00-1242	DAY	3 Ton Portable Spot Cooling Unit		313.57	
01 22 23 00-1243	WK	3 Ton Portable Spot Cooling Unit		664.17	
01 22 23 00-1244	MO	3 Ton Portable Spot Cooling Unit		1,467.70	
01 22 23 00-1245	DAY	5 Ton Portable Spot Cooling Unit		489.96	
01 22 23 00-1246	WK	5 Ton Portable Spot Cooling Unit		990.81	
01 22 23 00-1247	MO	5 Ton Portable Spot Cooling Unit		2,058.92	
01 22 23 00-1248	DAY	10 To 12 Ton Portable Spot Cooling Unit		640.21	
01 22 23 00-1249	WK	10 To 12 Ton Portable Spot Cooling Unit		1,442.66	
01 22 23 00-1250	MO	10 To 12 Ton Portable Spot Cooling Unit		3,481.98	
01 22 23 00-1251	DAY	20 Ton Portable Spot Cooling Unit		734.94	
01 22 23 00-1252	WK	20 Ton Portable Spot Cooling Unit		1,687.64	
01 22 23 00-1253	MO	20 Ton Portable Spot Cooling Unit		4,703.62	
01 22 23 00-1254	DAY	25 Ton Portable Spot Cooling Unit		1,045.25	
01 22 23 00-1255	WK	25 Ton Portable Spot Cooling Unit		2,117.72	
01 22 23 00-1256	MO	25 Ton Portable Spot Cooling Unit		4,926.82	

01 22 23 00-1257 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1258 Trucks *(01 22 23 00-1257)*

Note: Includes driver, delivery, and removal.

01 22 23 00-1259 Flat Bed Trucks *(01 22 23 00-1258)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1260	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		887.26	
		For Equipment Without Operator, Deduct		*-647.74*	
01 22 23 00-1261	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		3,866.61	
		For Equipment Without Operator, Deduct		*-3,238.68*	
01 22 23 00-1262	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		15,620.29	
		For Equipment Without Operator, Deduct		*-14,034.28*	
01 22 23 00-1263	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		990.84	
		For Equipment Without Operator, Deduct		*-647.74*	
01 22 23 00-1264	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		4,132.02	
		For Equipment Without Operator, Deduct		*-3,238.68*	
01 22 23 00-1265	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		16,300.00	
		For Equipment Without Operator, Deduct		*-14,034.28*	
01 22 23 00-1266	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		1,065.15	
		For Equipment Without Operator, Deduct		*-647.74*	
01 22 23 00-1267	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		4,416.08	
		For Equipment Without Operator, Deduct		*-3,238.68*	
01 22 23 00-1268	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver		17,381.08	
		For Equipment Without Operator, Deduct		*-14,034.28*	

01 22 23 00-1269 Light Off-Road Utility Passenger Vehicles *(01 22 23 00-1258)*

01 22 23 00-1270	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle		279.06	
01 22 23 00-1271	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle		645.32	
01 22 23 00-1272	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle		1,395.28	
01 22 23 00-1273	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle		287.78	
01 22 23 00-1274	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle		671.48	
01 22 23 00-1275	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle		1,482.48	

01 22 23 00-1276 Light Duty Trucks *(01 22 23 00-1258)*

01 22 23 00-1277	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver		891.88	
		For Equipment Without Operator, Deduct		*-643.40*	
01 22 23 00-1278	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver		4,032.30	
		For Equipment Without Operator, Deduct		*-3,216.98*	
01 22 23 00-1279	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver		15,648.55	
		For Equipment Without Operator, Deduct		*-13,940.25*	
01 22 23 00-1280	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver		938.47	
		For Equipment Without Operator, Deduct		*-643.40*	
01 22 23 00-1281	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver		4,172.08	
		For Equipment Without Operator, Deduct		*-3,216.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1282	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	15,959.15	
		For Equipment Without Operator, Deduct	*-13,940.25*	

01 22 23 00-1283 Rear Dump Trucks *(01 22 23 00-1258)*

01 22 23 00-1284	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	999.18	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1285	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	4,166.94	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1286	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	16,876.36	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-1287	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	1,115.69	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1288	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	4,527.93	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1289	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	17,376.78	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-1290	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,182.54	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1291	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	4,671.18	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1292	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	17,472.28	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-1293	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,975.19	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1294	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	6,304.23	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1295	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	22,056.28	
		For Equipment Without Operator, Deduct	*-14,034.28*	
01 22 23 00-1296	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,107.94	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1297	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	6,610.78	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1298	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	22,858.48	
		For Equipment Without Operator, Deduct	*-14,034.28*	

01 22 23 00-1299 Vacuum Trucks *(01 22 23 00-1258)*

01 22 23 00-1300	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,965.64	
		For Equipment Without Operator, Deduct	*-647.74*	
01 22 23 00-1301	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	7,207.66	
		For Equipment Without Operator, Deduct	*-3,238.68*	
01 22 23 00-1302	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	25,746.40	
		For Equipment Without Operator, Deduct	*-14,034.28*	

01 22 23 00-1303 Water Trucks *(01 22 23 00-1258)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1053 for additional discharge hose. 01 22 23 00-1315 for water trailer.

01 22 23 00-1304	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,333.00	
		For Equipment Without Operator, Deduct	*-647.74*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	
01 22 23 00-1305	WK	2,000 Gallon Water Truck With Full-Time Driver	5,043.20	
		For Equipment Without Operator, Deduct	*-3,238.68*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	
01 22 23 00-1306	MO	2,000 Gallon Water Truck With Full-Time Driver	18,298.12	
		For Equipment Without Operator, Deduct	*-14,034.28*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	
01 22 23 00-1307	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,668.02	
		For Equipment Without Operator, Deduct	*-647.74*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	
01 22 23 00-1308	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,048.25	
		For Equipment Without Operator, Deduct	*-3,238.68*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	
01 22 23 00-1309	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	20,886.88	
		For Equipment Without Operator, Deduct	*-14,034.28*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.44*	

01 22 23 00-1310 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1258)*

01 22 23 00-1311	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,317.66	
		For Equipment Without Operator, Deduct	*-643.40*	
01 22 23 00-1312	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	5,206.90	
		For Equipment Without Operator, Deduct	*-3,216.98*	
01 22 23 00-1313	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	18,772.68	
		For Equipment Without Operator, Deduct	*-13,940.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-1314 Trailers *(01 22 23 00-1257)*
Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1315 Water Trailers With Pump *(01 22 23 00-1314)*

01 22 23 00-1316	DAY	500 To 600 Gallon Water Trailer With Pump	175.12	
01 22 23 00-1317	WK	500 To 600 Gallon Water Trailer With Pump	449.23	
01 22 23 00-1318	MO	500 To 600 Gallon Water Trailer With Pump	1,203.01	

01 30 Administrative Requirements *(01)*

01 35 Special Procedures *(01 30)*

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

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

01 35 29 00-0001 Emergency Response *(01 35 29)*
See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0059 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0017 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.44	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	4.88	

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

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

01 40 Quality Requirements *(01)*

01 45 Quality Control *(01 40)*

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

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

01 45 23 00-0001 Soils/Aggregate Testing *(01 45 23)*

01 45 23 00-0002 Field Soils Tests *(01 45 23 00-0001)*

01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	318.06	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	451.44	
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	513.00	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	410.40	
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	615.60	
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,230.81	
01 45 23 00-0009	EA	Moisture Content, Field Soils Test	46.16	
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test	161.69	
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	307.70	
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	384.63	
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test	123.08	
01 45 23 00-0014	EA	Percolation Test, Field Soils Test	307.70	
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test	615.41	

01 45 23 00-0016 Aggregate Testing *(01 45 23 00-0001)*

01 45 23 00-0017	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	102.60	
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	184.68	
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	256.50	
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	200.01	
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	162.98	
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	146.16	
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	217.30	
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	205.20	
01 45 23 00-0025	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	205.20	
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	153.90	
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229	164.16	
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88	430.79	
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211	328.32	
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535	328.32	
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29	92.34	
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40	92.31	
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method	92.31	
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142	184.62	

01 45 23 00-0035 Permeability Tests *(01 45 23 00-0001)*

01 45 23 00-0036 In-Place Tests *(01 45 23 00-0035)*

01 45 23 00-0037	EA	Double Ring Infiltrometer Test, ASTM D3385	1,629.75	
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	76.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0039		Lab Tests *(01 45 23 00-0035)*		
01 45 23 00-0040	EA	Falling Head Rigid Wall Consolidometer Technique CAE	760.55	
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100	760.55	
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	434.60	
01 45 23 00-0043		Concrete/Cement/Asphalt Testing *(01 45 23)*		
01 45 23 00-0044		Concrete Testing *(01 45 23 00-0043)*		
01 45 23 00-0045	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	22.41	
01 45 23 00-0046	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	65.19	
01 45 23 00-0047	EA	Concrete Cores Compression Test, ASTM C-42	133.38	
01 45 23 00-0048	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	194.94	
01 45 23 00-0049	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	71.82	
01 45 23 00-0050	EA	Concrete Mix Design Review	389.88	
01 45 23 00-0051	EA	Trial Concrete Batch Prepared In Laboratory	923.40	
01 45 23 00-0052	EA	Concrete Shrinkage, ASTM C-157 Modified	718.20	
01 45 23 00-0053	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	110.81	
01 45 23 00-0054	EA	Concrete Slump Test, ASTM C143	51.30	
01 45 23 00-0055	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	51.30	
01 45 23 00-0056		Cement Testing *(01 45 23 00-0043)*		
01 45 23 00-0057	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	51.30	
01 45 23 00-0058	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	82.08	
01 45 23 00-0059		Asphaltic Concrete Testing *(01 45 23 00-0043)*		
01 45 23 00-0060	EA	Hveem Asphaltic Concrete Stability Test, CA 366	102.60	
01 45 23 00-0061	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	266.76	
01 45 23 00-0062	EA	Stability Tests, Premixed, ASTM D1559	102.60	
01 45 23 00-0063	EA	Stability Tests, Lab. Mixed, ASTM D1559	266.76	
01 45 23 00-0064	EA	Swell Test, CA 305 Note: Includes compaction.	123.12	
01 45 23 00-0065	EA	% Asphalt Extraction Test, ASTM D-2172 B	307.80	
01 45 23 00-0066	EA	Gradation On Extracted Sample, ASTM D-5444	205.20	
01 45 23 00-0067	EA	Maximum Theoretical Unit Weight, ASTM C2041	195.57	
01 45 23 00-0068	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	41.04	
01 45 23 00-0069	EA	Asphalt Unit Weight On Core Test, CA 308C	41.04	
01 45 23 00-0070	HR	Nuclear Field Density Testing, 4 Hour Minimum	211.36	
01 45 23 00-0071	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	138.47	
01 45 23 00-0072	EA	Penetration, ASTM D5	148.22	
01 45 23 00-0073		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0074		Masonry Testing *(01 45 23 00-0073)*		
01 45 23 00-0075	EA	2" x 4" Cylinder Mortar Compression Test	67.72	
01 45 23 00-0076	EA	4" x 4" x 8" Grout Prisms Compression Test	67.72	
01 45 23 00-0077	EA	Masonry Cores Compression Test	133.38	
01 45 23 00-0078	EA	Composite Grouted Prism Compression Test	256.50	
01 45 23 00-0079		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0073)*		
01 45 23 00-0080	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	164.16	
01 45 23 00-0081	EA	Absorption Test, Moisture Content And Unit Weight	112.86	
01 45 23 00-0082	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	430.79	
01 45 23 00-0083	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	215.39	
01 45 23 00-0084		Metals Testing *(01 45 23)*		
01 45 23 00-0085		Tank Tightness Testing *(01 45 23 00-0084)*		
01 45 23 00-0086	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	7.36	
01 45 23 00-0087	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.31	
01 45 23 00-0088	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,892.47	
01 45 23 00-0089	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,312.27	
01 45 23 00-0090	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	2,944.78	
01 45 23 00-0091		Tank Line Tightness Testing *(01 45 23 00-0084)*		
01 45 23 00-0092	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	399.32	
01 45 23 00-0093	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	443.40	
01 45 23 00-0094	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	487.33	
01 45 23 00-0095		Other Testing *(01 45 23)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0096		Special Testing *(01 45 23 00-0095)*		
01 45 23 00-0097	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	159.06	
01 45 23 00-0098	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	954.35	
01 45 23 00-0099	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	47.98	
01 45 23 00-0100	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	198.90	
01 45 23 00-0101	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	198.90	
01 45 23 00-0102	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	198.90	
01 45 23 00-0103	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,093.95	
01 45 23 00-0104	EA	Testing And Certification Of Backflow Valves	489.80	
01 45 23 00-0105		Nondestructive Field Testing Services *(01 45 23 00-0095)*		
01 45 23 00-0106		Infrared Thermography *(01 45 23 00-0105)*		
		Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0107		Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For on the roof surveys.		
01 45 23 00-0108	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	3,580.20	
01 45 23 00-0109	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	5.97	
		For CADD Drawings, Add	*1.19*	
01 45 23 00-0110	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.98	
		For CADD Drawings, Add	*0.80*	
01 45 23 00-0111	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.98	
		For CADD Drawings, Add	*0.60*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.75*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.75*	
01 45 23 00-0112	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.99	
		For CADD Drawings, Add	*0.40*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.50*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.50*	
01 45 23 00-0113		Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For finding moisture in walls and windows.		
01 45 23 00-0114	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	1,889.55	
01 45 23 00-0115	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	5.97	
		For Digital Or Analog Recording Of All Items, Add	*2.99*	
01 45 23 00-0116	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	3.98	
		For Digital Or Analog Recording Of All Items, Add	*1.99*	
01 45 23 00-0117	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	1.99	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0118		General Building Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0119	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	3,878.55	
01 45 23 00-0120	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	5.97	
		For Digital Or Analog Recording Of All Items, Add	*2.99*	
01 45 23 00-0121	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	3.98	
		For Digital Or Analog Recording Of All Items, Add	*1.99*	
01 45 23 00-0122	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	1.99	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0123		Electrical /Mechanical Equipment Scanning Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0124	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	1,889.55	
01 45 23 00-0125	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	205.30	
		For Digital Or Analog Recording Of All Items, Add	*30.72*	
01 45 23 00-0126		Concrete Block Wall Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0127	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	1,889.55	
01 45 23 00-0128	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	5.97	
		For Digital Or Analog Recording Of All Items, Add	*0.90*	
01 45 23 00-0129	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	3.98	
		For Digital Or Analog Recording Of All Items, Add	*0.60*	
01 45 23 00-0130		Other Nondestructive Field Testing Services *(01 45 23 00-0105)*		
01 45 23 00-0131	HR	ASNT Certified Level I NDT Consultant	85.18	
01 45 23 00-0132	HR	ASNT Certified Level II NDT Consultant	106.25	
01 45 23 00-0133	HR	ASNT Certified Level III NDT Consultant	122.00	
01 45 23 00-0134	HR	Certified Industrial Radiography Radiation Safety Personnel	100.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

01 45 29 00-0001 Soil Borings Laboratory Tests *(01 45 29)*

01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	141.24
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	45.08
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	108.65
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	760.55
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	150.24
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	32.60
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	20.25
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	261.43
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	91.17
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	18.03
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	901.51
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	182.34
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	225.38
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	525.51
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	461.70
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	135.23
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	114.41
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	444.66
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	69.12

01 50 Temporary Facilities and Controls *(01)*

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

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch *(01 51 13)*

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,440.72
01 51 13 00-0003	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,238.20
01 51 13 00-0004	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,094.90
01 51 13 00-0005	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	6,700.97

01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)*

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,482.41
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,081.64
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,253.82
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	4,643.57

01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards *(01 51 13)*

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	10.96
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.01

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001 Temporary Lighting Devices *(01 51 26)*

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light	338.31
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	114.50
01 51 26 00-0004	EA	Temporary High Bay Light	418.41

01 52 Construction Facilities *(01 50)*

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

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

01 52 13 00-0001 Field Offices and Office Trailers *(01 52 13)*

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	180.51
		For Each Delivery And Removal, Two Round Trips, Add	*829.15*
		For Each Set-Up (Block And Level), Add	*420.89*
		For Each Anchoring Into Dirt, Add	*128.35*
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*
		For Office Trailer Without Toilet, Deduct	*-36.10*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	204.57	
		For Each Delivery And Removal, Two Round Trips, Add	*829.15*	
		For Each Set-Up (Block And Level), Add	*420.89*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
		For Office Trailer Without Toilet, Deduct	*-40.91*	
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	276.77	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
		For Office Trailer Without Toilet, Deduct	*-55.35*	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	294.88	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
		For Office Trailer Without Toilet, Deduct	*-58.97*	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	324.91	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	342.96	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	265.34	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
		For Each Delivery And Set-Up (Block And Level), Add	*985.79*	
		For Each Knock-Down And Pick-Up, Add	*790.79*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	354.76	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	403.13	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	439.23	
		For Each Delivery And Removal, Two Round Trips, Add	*1,174.63*	
		For Each Set-Up (Block And Level), Add	*686.71*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	962.68	
		For Each Delivery And Removal, Two Round Trips, Add	*2,211.08*	
		For Each Set-Up (Block And Level), Add	*1,107.60*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,155.22	
		For Each Delivery And Removal, Two Round Trips, Add	*2,211.08*	
		For Each Set-Up (Block And Level), Add	*1,107.60*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	549.03	
		For Each Delivery And Removal, Two Round Trips, Add	*2,211.08*	
		For Each Set-Up (Block And Level), Add	*1,107.60*	
		For Each Anchoring Into Dirt, Add	*128.35*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*192.52*	

01 52 13 00-0015 Accessories For Field Office Trailers *(01 52 13)*

Note: Costs includes installation or placement in trailer.

01 52 13 00-0016	MO	Steps For Field Office Trailer	44.92	

01 52 13 00-0017 Storage Containers *(01 52 13)*

01 52 13 00-0018	MO	8' x 8' x 10' Storage Container	211.75	
		For Each Delivery And Removal, Two Round Trips, Add	*176.76*	
		For >12 Months, Deduct	*-63.53*	
01 52 13 00-0019	MO	8' x 8' x 20' Storage Container	221.38	
		For Each Delivery And Removal, Two Round Trips, Add	*194.44*	
		For >12 Months, Deduct	*-66.41*	
01 52 13 00-0020	MO	8' x 8' x 40' Storage Container	261.80	
		For Each Delivery And Removal, Two Round Trips, Add	*391.59*	
		For >12 Months, Deduct	*-78.54*	

01 52 19 Sanitary Facilities *(01 52)*

01 52 19 00-0001 Portable Toilets *(01 52 19)*

Note: Includes set-up, servicing once per week and removal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19 00-0002	WK	Portable Chemical Toilet	68.33	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0003	MO	Portable Chemical Toilet	205.00	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	81.50	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	239.16	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	50.72	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0007	MO	Two Station Portable Handwash	153.85	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)	4,228.12	
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	2,439.30	

01 53 Temporary Construction *(01 50)*

01 53 16 Temporary Decking *(01 53)*

01 53 16 00-0001 Temporary Walkways And Railings *(01 53 16)*

Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	7.00	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	29.19	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	13.66	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	22.73	

01 53 23 Temporary Ramps *(01 53)*

01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access *(01 53 23)*

Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.46	0.40

01 54 Construction Aids *(01 50)*

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

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

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

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

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

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

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

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

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

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	30.87	
		For Up To 25, Add	*12.35*	
		For >25 To 50, Add	*7.72*	
		For >50 To 150, Add	*3.09*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	34.71	
		For Up To 25, Add	*13.88*	
		For >25 To 50, Add	*8.68*	
		For >50 To 150, Add	*3.47*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)	46.30	
		For Up To 25, Add	*18.52*	
		For >25 To 50, Add	*11.58*	
		For >50 To 150, Add	*4.63*	

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

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

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	45.02	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	56.27	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	67.53	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	74.28	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	85.53	
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	54.03	

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

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

01 54 23 00-0014	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	63.31	
01 54 23 00-0015	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	116.06	
01 54 23 00-0016	LF	Aluminum Joists (LF / Month)	10.29	
01 54 23 00-0017	LF	Aluminum Stringers (LF / Month)	14.76	
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers (EA / Month)	18.60	

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

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

01 54 23 00-0020	CCF	Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	72.03	
01 54 23 00-0021	CCF	>20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	90.04	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	108.05	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	117.05	
01 54 23 00-0024	CCF	>80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	130.56	

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

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

01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	36.13	

01 54 23 00-0027 Mobile Mast Climbing Scaffolding *(01 54 23)*

Note: Per month.

01 54 23 00-0028 Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month *(01 54 23 00-0027)*

01 54 23 00-0029	MO	Single Mast Climber, 175' High Mast x 35' Wide Platform	3,300.00	
01 54 23 00-0030	EA	Delivery/Pick-up Fee For Single Mast Climber Note: Excludes erection or dismantle.	2,400.00	
01 54 23 00-0031	EA	Erection For Single Mast Climber	3,000.00	
01 54 23 00-0032	EA	Dismantle For Single Mast Climber	2,500.00	
01 54 23 00-0033	SF	Additional Scaffolding Planks, Wood, 2"	0.86	

01 54 23 00-0034 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0035	DAY	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	11.83	
01 54 23 00-0036	WK	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	47.39	
01 54 23 00-0037	MO	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	189.54	
01 54 23 00-0038	DAY	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	19.80	
01 54 23 00-0039	WK	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	79.29	
01 54 23 00-0040	MO	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	317.21	
01 54 23 00-0041	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	103.11	
01 54 23 00-0042	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	128.88	

01 54 23 00-0043 Shoring Posts *(01 54 23)*

Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.

01 54 23 00-0044	DAY	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	7.43	
01 54 23 00-0045	WK	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	22.30	
01 54 23 00-0046	MO	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	37.17	

01 54 23 00-0047 Temporary Lumber, Single Use *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0048	SF	5/16" CD Grade Plywood, Temporary Lumber	2.47	
01 54 23 00-0049	SF	1/2" CD Grade Plywood, Temporary Lumber	3.04	
01 54 23 00-0050	SF	5/8" CD Grade Plywood, Temporary Lumber	3.31	
01 54 23 00-0051	SF	3/4" CD Grade Plywood, Temporary Lumber	3.81	
01 54 23 00-0052	SF	1" CD Grade Plywood, Temporary Lumber	6.04	
01 54 23 00-0053	LF	2" x 4" Temporary Lumber	3.30	
01 54 23 00-0054	LF	2" x 6" Temporary Lumber	4.36	
01 54 23 00-0055	LF	2" x 8" Temporary Lumber	5.42	
01 54 23 00-0056	LF	2" x 10" Temporary Lumber	6.48	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0057	LF	2" x 12" Temporary Lumber	7.55	
01 54 23 00-0058	LF	3" x 8" Temporary Lumber	7.55	
01 54 23 00-0059	LF	3" x 10" Temporary Lumber	9.14	
01 54 23 00-0060	LF	3" x 12" Temporary Lumber	10.74	
01 54 23 00-0061	LF	4" x 4" Temporary Lumber	4.96	
01 54 23 00-0062	LF	4" x 6" Temporary Lumber	7.40	
01 54 23 00-0063	LF	6" x 6" Temporary Lumber	9.85	
01 54 23 00-0064	LF	6" x 8" Temporary Lumber	12.91	
01 54 23 00-0065	LF	12" x 12" Temporary Lumber	34.13	
01 54 23 00-0066		Temporary Precast Concrete Blocks *(01 54 23)*		
		Note: Includes removal after use.		
01 54 23 00-0067	EA	2' x 2' x 2' Temporary Precast Concrete Block	108.26	
01 54 23 00-0068	EA	2' x 2' x 4' Temporary Precast Concrete Block	135.34	
01 54 23 00-0069	EA	2' x 2' x 8' Temporary Precast Concrete Block	162.40	
01 54 26		**Temporary Swing Staging** *(01 54)*		
		Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.		
01 54 26 00-0001		Swing Stage *(01 54 26)*		
		Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	2,782.52	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	2,921.64	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,060.77	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,199.89	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,339.02	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,478.14	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	3,617.27	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	802.40	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,003.00	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	4,395.78	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	6,108.68	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,311.40	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	3,219.45	

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

01 55 23 Temporary Roads *(01 55)*

01 55 23 00-0001		Temporary Stabilized Construction Entrance *(01 55 23)*		
		Note: As per Caltrans detail.		
01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.52	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.59	
01 55 23 00-0004		Rumble Trench Plate *(01 55 23)*		
01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	371.66	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	89.61	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	22.40	
01 55 23 00-0008		Temporary Road Ramps (Godwin) *(01 55 23)*		
		Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	4,558.51	200.28
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	6,205.03	300.43
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	8,574.68	400.57
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	17,813.96	500.72
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	26,149.35	600.85

01 55 26 Traffic Control *(01 55)*

01 55 26 00-0001		Temporary Removable Preformed Traffic Black Line Mask *(01 55 26)*	
		Note: Includes installation and removal after use.	
01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	4.43
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	5.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0004		**Temporary Preformed Traffic Line Tape** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	4.89	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	6.68	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	8.38	
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.17	
		For Not Removed, Deduct	*-1.44*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	2.87	
		For Not Removed, Deduct	*-1.98*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	3.59	
		For Not Removed, Deduct	*-2.49*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	12.22	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	16.55	
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	8.76	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.01	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	12.37	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	17.91	
01 55 26 00-0019	CLF	1" Exterior Vinyl Tape (Warning Tape)	15.19	
01 55 26 00-0020	CLF	2" Exterior Vinyl Tape (Warning Tape)	22.18	
01 55 26 00-0021	CLF	3" Exterior Vinyl Tape (Warning Tape)	28.94	
01 55 26 00-0022	CLF	4" Exterior Vinyl Tape (Warning Tape)	33.92	
01 55 26 00-0023		**Linear Delineation System, Temporary Or Permanent** *(01 55 26)* Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	10.50	
01 55 26 00-0025	LF	6" Linear Delineation System	14.22	
01 55 26 00-0026		**Temporary Traffic Protection** *(01 55 26)*		
01 55 26 00-0027		**Temporary Portable Traffic Control Device Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.		
01 55 26 00-0028	DAY	28" Cone With Reflective Collar	0.80	
01 55 26 00-0029	WK	28" Cone With Reflective Collar	2.39	
01 55 26 00-0030	MO	28" Cone With Reflective Collar	7.18	
01 55 26 00-0031	DAY	Vertical Panel	2.41	
01 55 26 00-0032	WK	Vertical Panel	7.23	
01 55 26 00-0033	MO	Vertical Panel	21.69	
01 55 26 00-0034	DAY	Channelizer Drum	2.62	
01 55 26 00-0035	WK	Channelizer Drum	7.85	
01 55 26 00-0036	MO	Channelizer Drum	23.55	
01 55 26 00-0037	DAY	Stackable Channelizer Panel	1.24	
01 55 26 00-0038	WK	Stackable Channelizer Panel	3.71	
01 55 26 00-0039	MO	Stackable Channelizer Panel	11.14	
01 55 26 00-0040	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.71	
01 55 26 00-0041	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.14	
01 55 26 00-0042	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	15.42	
01 55 26 00-0043	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	3.80	
01 55 26 00-0044	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	11.39	
01 55 26 00-0045	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	34.18	
01 55 26 00-0046	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.33	
01 55 26 00-0047	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	12.99	
01 55 26 00-0048	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	38.96	
01 55 26 00-0049	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	7.92	
01 55 26 00-0050	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	23.75	
01 55 26 00-0051	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	71.26	
01 55 26 00-0052	DAY	Up To 10' Wide A Frame Barricade	4.34	
01 55 26 00-0053	WK	Up To 10' Wide A Frame Barricade	13.03	
01 55 26 00-0054	MO	Up To 10' Wide A Frame Barricade	39.08	
01 55 26 00-0055	DAY	Type A Or C Flasher	0.88	
01 55 26 00-0056	WK	Type A Or C Flasher	2.65	
01 55 26 00-0057	MO	Type A Or C Flasher	7.96	
01 55 26 00-0058	DAY	Type B Flasher (High Intensity)	4.80	
01 55 26 00-0059	WK	Type B Flasher (High Intensity)	14.40	
01 55 26 00-0060	MO	Type B Flasher (High Intensity)	43.21	
01 55 26 00-0061		**Temporary Traffic Barriers Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.		
01 55 26 00-0062	DAY	6' Long Portable Parking Curbs	2.07	
01 55 26 00-0063	WK	6' Long Portable Parking Curbs	6.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0064	MO	6' Long Portable Parking Curbs	18.61	
01 55 26 00-0065	DAY	6' Long Portable Speed Bumps	6.12	
01 55 26 00-0066	WK	6' Long Portable Speed Bumps	18.36	
01 55 26 00-0067	MO	6' Long Portable Speed Bumps	55.08	
01 55 26 00-0068	DAY	Up To 12.5' Concrete Traffic Barrier	14.70	
01 55 26 00-0069	WK	Up To 12.5' Concrete Traffic Barrier	44.11	
01 55 26 00-0070	MO	Up To 12.5' Concrete Traffic Barrier	132.32	
01 55 26 00-0071	DAY	>12.5' To 20' Concrete Traffic Barrier	29.40	
01 55 26 00-0072	WK	>12.5' To 20' Concrete Traffic Barrier	88.21	
01 55 26 00-0073	MO	>12.5' To 20' Concrete Traffic Barrier	264.63	
01 55 26 00-0074	DAY	6' x 32" Tall Plastic Water Barrier	17.56	
01 55 26 00-0075	WK	6' x 32" Tall Plastic Water Barrier	52.67	
01 55 26 00-0076	MO	6' x 32" Tall Plastic Water Barrier	158.01	
01 55 26 00-0077	DAY	6' x 46" Tall Plastic Water Barrier	25.07	
01 55 26 00-0078	WK	6' x 46" Tall Plastic Water Barrier	75.21	
01 55 26 00-0079	MO	6' x 46" Tall Plastic Water Barrier	225.62	
01 55 26 00-0080	DAY	Sand Filled Crash Attenuator Barrels	9.81	
01 55 26 00-0081	WK	Sand Filled Crash Attenuator Barrels	29.44	
01 55 26 00-0082	MO	Sand Filled Crash Attenuator Barrels	88.31	
01 55 26 00-0083	MO	24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system.	1,395.28	

01 55 26 00-0084 Temporary Portable Signs And Message Displays Usage *(01 55 26 00-0026)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0103 for delivery, placing and removal.

01 55 26 00-0085	DAY	Mesh Or Vinyl Roll-up Sign With Stand	7.70	
01 55 26 00-0086	WK	Mesh Or Vinyl Roll-up Sign With Stand	23.11	
01 55 26 00-0087	MO	Mesh Or Vinyl Roll-up Sign With Stand	69.34	
01 55 26 00-0088	DAY	Aluminum Sign And Post	3.62	
01 55 26 00-0089	WK	Aluminum Sign And Post	10.85	
01 55 26 00-0090	MO	Aluminum Sign And Post	32.55	
01 55 26 00-0091	DAY	Aluminum Sign And A Frame Stand	5.82	
01 55 26 00-0092	WK	Aluminum Sign And A Frame Stand	17.48	
01 55 26 00-0093	MO	Aluminum Sign And A Frame Stand	52.42	
01 55 26 00-0094	DAY	Trailer Mounted Flashing Arrow Board	163.00	
01 55 26 00-0095	WK	Trailer Mounted Flashing Arrow Board	451.16	
01 55 26 00-0096	MO	Trailer Mounted Flashing Arrow Board	1,193.39	
01 55 26 00-0097	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	291.99	
01 55 26 00-0098	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	778.64	
01 55 26 00-0099	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,557.28	
01 55 26 00-0100	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,311.80	
01 55 26 00-0101	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	3,935.40	
01 55 26 00-0102	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	11,806.20	

01 55 26 00-0103 Place And Remove Temporary Traffic Protection Using Truck *(01 55 26 00-0026)*

Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0037 for delivery >15 miles.

01 55 26 00-0104	EA	Placement And Removal Of Up To 250 Cones Using Truck	3.52	
01 55 26 00-0105	EA	Placement And Removal Of >250 Cones Using Truck	3.08	
01 55 26 00-0106	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	5.80	
01 55 26 00-0107	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck	4.83	
01 55 26 00-0108	EA	Placement And Removal Of Up To 250 Barricades Using Truck	8.78	
01 55 26 00-0109	EA	Placement And Removal Of >250 Barricades Using Truck	7.02	
01 55 26 00-0110	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck	8.78	
01 55 26 00-0111	EA	Placement And Removal Of Portable Sign And Stand Using Truck	5.27	
01 55 26 00-0112	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	21.95	
01 55 26 00-0113	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	65.87	
01 55 26 00-0114	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	89.61	
		For 1 Barrier, Add	*224.03*	
		For 2 Barriers, Add	*80.65*	
		For 3 Barriers, Add	*26.88*	
01 55 26 00-0115	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	134.42	
		For 1 Barrier, Add	*336.05*	
		For 2 Barriers, Add	*120.98*	
		For 3 Barriers, Add	*40.33*	
01 55 26 00-0116	EA	Placement And Removal Of Plastic Water Barrier Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.	51.53	
		For 1 Barrier, Add	*112.03*	
		For 2 Barriers, Add	*40.33*	
		For 3 Barriers, Add	*13.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0117	EA	Placement And Removal Of Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	67.21	
		For 1 Barrier, Add	*168.03*	
		For 2 Barriers, Add	*60.49*	
		For 3 Barriers, Add	*20.16*	
01 55 26 00-0118	EA	Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructuions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	492.86	
01 55 26 00-0119		Place And Remove Temporary Traffic Protection From Roadside (Daily) *(01 55 26 00-0026)*		
01 55 26 00-0120	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside	2.20	
01 55 26 00-0121	EA	Placement And Removal Of >250 Cones By Hand From Roadside	1.76	
01 55 26 00-0122	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	2.93	
01 55 26 00-0123	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.34	
01 55 26 00-0124	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	4.39	
01 55 26 00-0125	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	3.52	
01 55 26 00-0126	EA	Placement And Removal Of Portable Sign And Stand From Roadside	2.67	
01 55 26 00-0127	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	32.93	
01 55 26 00-0128	EA	Roadside Relocation Of Concrete Traffic Barrier Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	44.81	
01 55 26 00-0129		Temporary Rumble Strips *(01 55 26)* Note: Includes removal after use.		
01 55 26 00-0130	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	12.55	
01 55 26 00-0131	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	9.02	

01 56 Temporary Barriers and Enclosures *(01 50)*

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers *(01 56)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0001		Temporary Sheeting For Protection *(01 56 16)* Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0002	SF	4 Mil, Plastic Sheeting, Applied To Floors	0.32	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls	0.42	
01 56 16 00-0004	SF	4 Mil, Plastic Sheeting, Applied To Ceilings	0.57	
01 56 16 00-0005	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.35	
01 56 16 00-0006	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.45	
01 56 16 00-0007	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.60	
01 56 16 00-0008	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.36	
01 56 16 00-0009	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.46	
01 56 16 00-0010	SF	6 Mil, Plastic Sheeting, Applied To Ceilings	0.61	
01 56 16 00-0011	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding	0.60	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.44	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.54	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.69	
01 56 16 00-0015	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.65	
01 56 16 00-0016	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.46	
01 56 16 00-0017	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.56	
01 56 16 00-0018	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.71	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.67	
01 56 16 00-0020	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.45	
01 56 16 00-0021	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.55	
01 56 16 00-0022	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.70	
01 56 16 00-0023	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.66	
01 56 16 00-0024	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.52	
01 56 16 00-0025	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.62	
01 56 16 00-0026	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.77	
01 56 16 00-0027	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.73	
01 56 16 00-0028	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.83	
01 56 16 00-0029		Temporary Canvas For Protection *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0030	SF	Heavy Duty Woven Water Repellant Canvas, Applied To Walls	0.94	
01 56 16 00-0031		Accessories For Temporary Sheeting *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0032	EA	7' Zipper Door For Plastic Sheeting	18.41	
01 56 16 00-0033	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall) Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.	8.06	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 56 16 00-0034 Temporary Stud Wall *(01 56 16)*
Note: Includes removal after use.

01 56 16 00-0035 Temporary Stud Wall With Drywall *(01 56 16 00-0034)*
Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.

01 56 16 00-0036 Temporary Stud Wall With Drywall *(01 56 16 00-0035)*

01 56 16 00-0037	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0038	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0039	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.78	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0040	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0041	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0042	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.88	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	

01 56 16 00-0043 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0035)*

01 56 16 00-0044	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.79	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0045	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.83	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0046	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.77	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0047	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.52	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0048	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.90	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0049	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.97	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0050	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.85	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0051	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.35	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	

01 56 16 00-0052 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0034)*
Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0053	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.97	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0054	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.06	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0055	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.33	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0056	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.47	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0057	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.25	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0058	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.44	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0059	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.97	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0060	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.26	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	

01 56 16 00-0061 Temporary Stud Wall With BC Plywood *(01 56 16 00-0034)*
Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0062	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.60	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0063	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.95	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0064	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.18	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0065	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	7.46	
		For Metal Studs 24" On Center, Add/Deduct	*0.22*	
01 56 16 00-0066	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.52	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0067	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.22	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0068	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	
01 56 16 00-0069	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	11.23	
		For Metal Studs 24" On Center, Add/Deduct	*0.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0070		Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0034)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0071	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.50	
		For Metal Studs 24" On Center, Add/Deduct	*0.13*	
01 56 16 00-0072	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.58	
		For Metal Studs 24" On Center, Add/Deduct	*0.13*	
01 56 16 00-0073	SF	6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.60	
		For Metal Studs 24" On Center, Add/Deduct	*0.13*	
01 56 16 00-0074	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.59	
		For Metal Studs 24" On Center, Add/Deduct	*0.13*	
01 56 16 00-0075	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.66	
		For Metal Studs 24" On Center, Add/Deduct	*0.13*	
01 56 16 00-0076		14' High Temporary Stud Walls *(01 56 16 00-0034)*		
01 56 16 00-0077	LF	14' High Temporary Stud Wall Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom.	147.56	
01 56 16 00-0078		Temporary Doors *(01 56 16 00-0034)* Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0079	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	573.94	
01 56 16 00-0080		Temporary Floor Protection *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0081	SF	1/8" Thick, Masonite For Temporary Floor Protection	1.42	
01 56 16 00-0082	SF	1/2" Thick, Plywood For Temporary Floor Protection	1.53	
01 56 16 00-0083	SF	3/4" Thick, Plywood For Temporary Floor Protection	1.82	
01 56 16 00-0084	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection	0.88	
01 56 16 00-0085	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection	0.30	
01 56 16 00-0086	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film	25.15	
01 56 16 00-0087		Sticky Mats *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0088	EA	18" x 36", 30 Layer Sticky Mat	34.79	
		For 60 Layers Instead Of 30, Add	*23.00*	
01 56 16 00-0089	EA	18" x 46", 30 Layer Sticky Mat	39.90	
		For 60 Layers Instead Of 30, Add	*26.83*	
01 56 16 00-0090	EA	24" x 36", 30 Layer Sticky Mat	39.90	
		For 60 Layers Instead Of 30, Add	*26.83*	
01 56 16 00-0091	EA	25" x 45", 30 Layer Sticky Mat	52.68	
		For 60 Layers Instead Of 30, Add	*36.41*	
01 56 16 00-0092	EA	36" x 36", 30 Layer Sticky Mat	57.79	
		For 60 Layers Instead Of 30, Add	*40.25*	
01 56 16 00-0093	EA	36" x 46", 30 Layer Sticky Mat	62.90	
		For 60 Layers Instead Of 30, Add	*44.08*	
01 56 16 00-0094	EA	36" x 60", 30 Layer Sticky Mat	126.78	
		For 60 Layers Instead Of 30, Add	*91.99*	
01 56 16 00-0095	EA	36" x 72", 30 Layer Sticky Mat	151.31	
01 56 26		**Temporary Fencing** *(01 56)*		
01 56 26 00-0001		Temporary Fencing *(01 56 26)* Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		Temporary Chain Link Fence *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	6.16	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.43*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	6.86	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.48*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	9.43	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.82*	
		For Each LF Shade Cloth, Add	*3.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	20.61	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.43*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)*

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	6.46	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.47*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	7.18	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.53*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	9.97	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.90*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	22.22	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.68*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	6.78	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.52*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	7.55	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.59*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	10.58	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.99*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	24.01	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.96*	
		For >500, Deduct	*-2.94*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0018 Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	7.12	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	7.91	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	11.23	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.09*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	25.97	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-3.24*	
		For Each LF Shade Cloth, Add	*4.75*	

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

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

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

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

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	244.34	
		For Each LF Shade Cloth, Add	*13.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	415.86	
		For Each LF Shade Cloth, Add	*34.05*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	465.47	
		For Each LF Shade Cloth, Add	*40.86*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	529.95	
		For Each LF Shade Cloth, Add	*51.08*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	634.55	
		For Each LF Shade Cloth, Add	*68.11*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	706.56	
		For Each LF Shade Cloth, Add	*81.73*	

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

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	261.71	
		For Each LF Shade Cloth, Add	*21.71*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	449.39	
		For Each LF Shade Cloth, Add	*54.27*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	504.14	
		For Each LF Shade Cloth, Add	*65.13*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	584.51	
		For Each LF Shade Cloth, Add	*81.41*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	706.42	
		For Each LF Shade Cloth, Add	*108.54*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	802.13	
		For Each LF Shade Cloth, Add	*130.25*	

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

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	292.34	
		For Each LF Shade Cloth, Add	*30.65*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	515.38	
		For Shade Cloth, Add	*76.62*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	576.19	
		For Shade Cloth, Add	*91.94*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	659.80	
		For Shade Cloth, Add	*114.93*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	806.37	
		For Shade Cloth, Add	*153.24*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	936.78	
		For Shade Cloth, Add	*183.89*	

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

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	353.95	
		For Each LF Shade Cloth, Add	*40.44*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	617.60	
		For Each LF Shade Cloth, Add	*101.09*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	691.89	
		For Each LF Shade Cloth, Add	*121.31*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	791.11	
		For Each LF Shade Cloth, Add	*151.64*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	967.09	
		For Each LF Shade Cloth, Add	*202.19*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,118.33	
		For Each LF Shade Cloth, Add	*242.63*	

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

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

01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	253.46	
		For Each LF Shade Cloth, Add	*13.62*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	430.04	
		For Each LF Shade Cloth, Add	*34.05*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	481.69	
		For Each LF Shade Cloth, Add	*40.86*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	548.19	
		For Each LF Shade Cloth, Add	*51.08*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	656.85	
		For Each LF Shade Cloth, Add	*68.11*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	730.88	
		For Each LF Shade Cloth, Add	*81.73*	

01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	271.25	
		For Each LF Shade Cloth, Add	*21.71*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	464.22	
		For Each LF Shade Cloth, Add	*54.27*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	521.10	
		For Each LF Shade Cloth, Add	*65.13*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	603.59	
		For Each LF Shade Cloth, Add	*81.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	729.73	
		For Each LF Shade Cloth, Add	*108.54*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	827.56	
		For Each LF Shade Cloth, Add	*130.25*	

01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	302.83	
		For Each LF Shade Cloth, Add	*30.65*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	531.70	
		For Shade Cloth, Add	*76.62*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	594.84	
		For Shade Cloth, Add	*91.94*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	680.78	
		For Shade Cloth, Add	*114.93*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	832.01	
		For Shade Cloth, Add	*153.24*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	964.75	
		For Shade Cloth, Add	*183.89*	

01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	367.06	
		For Each LF Shade Cloth, Add	*40.44*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	638.00	
		For Each LF Shade Cloth, Add	*101.09*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	715.20	
		For Each LF Shade Cloth, Add	*121.31*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	817.34	
		For Each LF Shade Cloth, Add	*151.64*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	999.14	
		For Each LF Shade Cloth, Add	*202.19*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,153.29	
		For Each LF Shade Cloth, Add	*242.63*	

01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)*

01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	263.04	
		For Each LF Shade Cloth, Add	*13.62*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	444.94	
		For Each LF Shade Cloth, Add	*34.05*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	498.71	
		For Each LF Shade Cloth, Add	*40.86*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	567.34	
		For Each LF Shade Cloth, Add	*51.08*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	680.26	
		For Each LF Shade Cloth, Add	*68.11*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	756.42	
		For Each LF Shade Cloth, Add	*81.73*	

01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	281.26	
		For Each LF Shade Cloth, Add	*21.71*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	479.79	
		For Each LF Shade Cloth, Add	*54.27*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	538.90	
		For Each LF Shade Cloth, Add	*65.13*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	623.61	
		For Each LF Shade Cloth, Add	*81.41*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	754.20	
		For Each LF Shade Cloth, Add	*108.54*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	854.26	
		For Each LF Shade Cloth, Add	*130.25*	

01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	313.84	
		For Each LF Shade Cloth, Add	*30.65*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	548.83	
		For Shade Cloth, Add	*76.62*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	614.42	
		For Shade Cloth, Add	*91.94*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	702.81	
		For Shade Cloth, Add	*114.93*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	858.93	
		For Shade Cloth, Add	*153.24*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	994.12	
		For Shade Cloth, Add	*183.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0104		10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	380.83	
		For Each LF Shade Cloth, Add	*40.44*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	659.42	
		For Each LF Shade Cloth, Add	*101.09*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	739.67	
		For Each LF Shade Cloth, Add	*121.31*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	844.87	
		For Each LF Shade Cloth, Add	*151.64*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,032.80	
		For Each LF Shade Cloth, Add	*202.19*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,190.01	
		For Each LF Shade Cloth, Add	*242.63*	
01 56 26 00-0111		Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*		
01 56 26 00-0112		4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	272.62	
		For Each LF Shade Cloth, Add	*13.62*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	459.84	
		For Each LF Shade Cloth, Add	*34.05*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	515.74	
		For Each LF Shade Cloth, Add	*40.86*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	586.50	
		For Each LF Shade Cloth, Add	*51.08*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	703.67	
		For Each LF Shade Cloth, Add	*68.11*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	781.96	
		For Each LF Shade Cloth, Add	*81.73*	
01 56 26 00-0119		6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	291.27	
		For Each LF Shade Cloth, Add	*21.71*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	495.37	
		For Each LF Shade Cloth, Add	*54.27*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	556.70	
		For Each LF Shade Cloth, Add	*65.13*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	643.64	
		For Each LF Shade Cloth, Add	*81.41*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	778.68	
		For Each LF Shade Cloth, Add	*108.54*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	880.96	
		For Each LF Shade Cloth, Add	*130.25*	
01 56 26 00-0126		8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	324.86	
		For Each LF Shade Cloth, Add	*30.65*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	565.96	
		For Shade Cloth, Add	*76.62*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	634.00	
		For Shade Cloth, Add	*91.94*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	724.83	
		For Shade Cloth, Add	*114.93*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	885.86	
		For Shade Cloth, Add	*153.24*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,023.49	
		For Shade Cloth, Add	*183.89*	
01 56 26 00-0133		10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	394.59	
		For Each LF Shade Cloth, Add	*40.44*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	680.83	
		For Each LF Shade Cloth, Add	*101.09*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	764.15	
		For Each LF Shade Cloth, Add	*121.31*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	872.41	
		For Each LF Shade Cloth, Add	*151.64*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,066.45	
		For Each LF Shade Cloth, Add	*202.19*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,226.72	
		For Each LF Shade Cloth, Add	*242.63*	
01 56 26 00-0140		Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)*		
		Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141		Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	6.73	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.51*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	7.47	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.58*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	10.16	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.93*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months *(01 56 26 00-0140)*

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.02	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.56*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.79	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.62*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	10.70	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.01*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months *(01 56 26 00-0140)*

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	7.31	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.16	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.68*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	11.31	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.10*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months *(01 56 26 00-0140)*

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	7.68	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	8.53	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.74*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	11.95	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.20*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	6.40	

01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*

Note: Excludes auguring/drilling for posts.

01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*

01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	3.08	
01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	4.63	
01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	6.68	
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	8.24	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0165		Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*		
01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.82	
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.99	
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.11	
01 56 26 00-0169		Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*		
01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	107.30	
01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	123.80	
01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	152.70	
01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	165.08	
01 56 26 00-0174		Temporary Rail And Timber Structure *(01 56 26)*		
01 56 26 00-0175	LF	4' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	207.91	
01 56 26 00-0176	LF	6' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	296.66	
01 56 26 00-0177	LF	8' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	385.40	
01 56 26 00-0178	LF	10' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	493.75	
01 56 26 00-0179	LF	12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	574.23	
01 56 26 00-0180	LF	15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	658.85	
01 56 26 00-0181		Temporary Safety Fence *(01 56 26)* Note: Includes removal after use.		
01 56 26 00-0182	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.53	
01 56 29		**Temporary Protective Walkways** *(01 56)*		
01 56 29 00-0001		Temporary Sidewalk Bridge Protection *(01 56 29)* Note: Includes removal after use.		
01 56 29 00-0002		Installation of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	144.07	
		For 3 Post System, Add	*6.00*	
		For Each Additional Foot Over 8' Wide, Add	*3.00*	
		For Each Additional Foot Over 8' High, Add	*2.00*	
01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	3.67	
01 56 29 00-0005		Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	13.95	
		For 3 Post System, Add	*2.09*	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	15.71	
		For 3 Post System, Add	*2.36*	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	17.46	
		For 3 Post System, Add	*2.62*	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	17.46	
		For 3 Post System, Add	*2.62*	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	19.19	
		For 3 Post System, Add	*2.88*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	22.71	
		For 3 Post System, Add	*3.41*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	20.96	
		For 3 Post System, Add	*3.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	24.45	
		For 3 Post System, Add	*3.67*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	26.16	
		For 3 Post System, Add	*3.92*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.62	

01 56 29 00-0016 Removal of Sidewalk Bridge *(01 56 29 00-0001)*

01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	29.99	
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.83	

01 56 29 00-0019 Temporary Safety Nets *(01 56 29)*

Note: Includes removal after use.

01 56 29 00-0020	SF	Small Mesh Debris Netting Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.	2.06	

01 56 33 Temporary Security Barriers *(01 56)*

01 56 33 00-0001 Board-up Opening With Plywood *(01 56 33)*

Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0002	OPN	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	12.39	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	7.89	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	9.10	

01 56 33 00-0005 Temporary Pedestrian Barricade *(01 56 33)*

Note: Portable, interlocking galvanized steel fence with pivoting legs.

01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	13.01	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	31.59	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	94.77	

01 56 39 Temporary Tree and Plant Protection *(01 56)*

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*

Note: Includes digging holes and removal after use.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	182.30	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	216.83	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	235.80	

01 57 Temporary Controls *(01 50)*

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

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

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

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

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

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	100.67	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	98.75	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	125.68	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	123.75	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	152.61	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

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

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

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*

Note: Excludes posts.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0003		Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*			
01 58 13 00-0004		Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*			
01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		160.55	22.70
		For High-Intensity Grade, Add		*40.30*	
		For Diamond Grade, Add		*77.73*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		277.77	23.73
		For High-Intensity Grade, Add		*80.61*	
		For Diamond Grade, Add		*155.45*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		394.98	24.76
		For High-Intensity Grade, Add		*120.91*	
		For Diamond Grade, Add		*233.18*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		512.21	25.80
		For High-Intensity Grade, Add		*161.21*	
		For Diamond Grade, Add		*310.91*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		16.04	0.82
		For High-Intensity Grade, Add		*5.04*	
		For Diamond Grade, Add		*9.71*	
01 58 13 00-0010		Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*			
01 58 13 00-0011		One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*			
01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign		201.63	22.70
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign		240.99	23.73
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign		302.52	24.76
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign		360.62	25.80
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign		11.31	0.82
01 58 13 00-0017		Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*			
01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign		206.03	22.70
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign		264.70	23.73
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign		326.61	24.76
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign		381.27	25.80
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign		11.95	0.82
01 58 13 00-0023		Fabricate And Install New Posts *(01 58 13 00-0001)*			
		Note: Includes excavation, backfill and compaction. Excludes core drilling.			
01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts		14.06	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts		10.76	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts		13.45	
01 58 13 00-0027		Owner Supplied Signs *(01 58 13 00-0001)*			
01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign		82.55	

01 60 Product Requirements *(01)*

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

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

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

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 66 19 00-0001		Transfer Delivered Materials Between Floors *(01 66 19)*			
		Note: For moving delivered, owner supplied or existing materials in a building.			
01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor		15.87	
		Note: Quantity equals volume of materials multiplied by number of floors traveled.			
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip		10.32	
		Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.			
01 66 19 00-0004		Transfer Delivered Materials Distances Greater Than 125' *(01 66 19)*			
		Note: For moving delivered, owner supplied or existing materials in a building.			
01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'		6.44	
01 66 19 00-0006		Transfer Demolition Debris Between Floors *(01 66 19)*			
		Note: Only for use with demolition tasks.			
01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor		15.87	
		Note: Quantity equals material volume times bulk factor times number of floors traveled.			
01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip		10.32	
		Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.			
01 66 19 00-0009		Transfer Demolition Debris Distances Greater Than 125' *(01 66 19)*			
		Note: Only for use with demolition tasks.			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	6.44	

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

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

01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.03	

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

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

01 66 23 00-0002	MO	5' x 10', Climate And Humidity Controlled Storage Facility	277.25	
01 66 23 00-0003	MO	10' x 10', Climate And Humidity Controlled Storage Facility	310.60	
01 66 23 00-0004	MO	10' x 20', Climate And Humidity Controlled Storage Facility	571.18	
01 66 23 00-0005	MO	15' x 15', Climate And Humidity Controlled Storage Facility	702.51	
01 66 23 00-0006	MO	10' x 30', Climate And Humidity Controlled Storage Facility	900.54	

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

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

Note: Excludes flagman for traffic control where necessary.

01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	447.66	
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,502.25	

01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

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

01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	477.51	
		For >30 To 60 Miles Radius, Add		*119.38*
		For >60 To 100 Miles Radius, Add		*191.00*
01 71 13 00-0006	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	775.95	
		For >30 To 60 Miles Radius, Add		*193.99*
		For >60 To 100 Miles Radius, Add		*310.38*
01 71 13 00-0007	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,074.39	
		For >30 To 60 Miles Radius, Add		*268.60*
		For >60 To 100 Miles Radius, Add		*429.76*
01 71 13 00-0008	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,730.96	
		For >30 To 60 Miles Radius, Add		*432.74*
		For >60 To 100 Miles Radius, Add		*692.38*
01 71 13 00-0009	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,172.65	
		For >30 To 60 Miles Radius, Add		*543.16*
		For >60 To 100 Miles Radius, Add		*869.06*
01 71 13 00-0010	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,703.87	
		For >30 To 60 Miles Radius, Add		*675.97*
		For >60 To 100 Miles Radius, Add		*1,081.55*
01 71 13 00-0011	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,115.72	
		For >30 To 60 Miles Radius, Add		*778.93*
		For >60 To 100 Miles Radius, Add		*1,246.29*
01 71 13 00-0012	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,485.80	
		For >30 To 60 Miles Radius, Add		*871.45*
		For >60 To 100 Miles Radius, Add		*1,394.32*
01 71 13 00-0013	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	1,850.33	
		For >30 To 60 Miles Radius, Add		*462.58*
		For >60 To 100 Miles Radius, Add		*740.13*
01 71 13 00-0014	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	2,924.72	
		For >30 To 60 Miles Radius, Add		*731.18*
		For >60 To 100 Miles Radius, Add		*1,169.89*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0015	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,700.67	
		For >30 To 60 Miles Radius, Add	*925.17*	
		For >60 To 100 Miles Radius, Add	*1,480.27*	
01 71 13 00-0016	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,595.99	
		For >30 To 60 Miles Radius, Add	*1,149.00*	
		For >60 To 100 Miles Radius, Add	*1,838.40*	
01 71 13 00-0017	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	5,730.07	
		For >30 To 60 Miles Radius, Add	*1,432.52*	
		For >60 To 100 Miles Radius, Add	*2,292.03*	
01 71 13 00-0018	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,685.08	
		For >30 To 60 Miles Radius, Add	*1,671.27*	
		For >60 To 100 Miles Radius, Add	*2,674.03*	
01 71 13 00-0019	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	9,550.11	
		For >30 To 60 Miles Radius, Add	*2,387.53*	
		For >60 To 100 Miles Radius, Add	*3,820.04*	
01 71 13 00-0020	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	13,095.59	
		For >30 To 60 Miles Radius, Add	*3,273.90*	
		For >60 To 100 Miles Radius, Add	*5,238.24*	

01 71 23 Field Engineering *(01 71)*

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

01 71 23 16-0001 Conventional Topographic Survey *(01 71 23 16)*

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,208.32
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	3,392.10
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	4,871.70
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	7,321.70
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	9,165.02

01 71 23 16-0007 Property Lines Survey *(01 71 23 16)*

Note: Not to be added to tasks in the "Conventional Topographic Survey" section.

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.70
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.12
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	3.65

01 71 23 16-0011 Survey Monument *(01 71 23 16)*

01 71 23 16-0012	EA	3' Precast Survey Monument	188.95
		For Owner Furnished Monument, Deduct	*-76.11*
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	282.66
01 71 23 16-0014	EA	Riser Ring For Survey Monument	145.56
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	228.34

01 71 23 16-0016 Facade Surveying *(01 71 23 16)*

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	7.43

01 71 23 16-0018 Utility Survey *(01 71 23 16)*

Note: This survey is only for the location of underground utilities.

01 71 23 16-0019	ACR	Survey Clear Area For Underground Utilities	6,250.25

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

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

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

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

01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,046.46
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,569.69
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,139.38

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

01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	348.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	697.64	
		Note: Includes GPS coordinates of located items and reference items.		
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,569.69	
		Note: Includes additions to the owner provided CAD drawing.		

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

01 74 13 Progress Cleaning *(01 74)*

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

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

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	20.66	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster	24.20	
		Note: Per CY of debris removed.		

01 74 16 Site Maintenance *(01 74)*

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

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

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

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	21.58	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	25.89	

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

01 74 16 00-0006	MSF	Sweep Runway, With Street Sweep	32.37	

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

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

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

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

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

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	34.68	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	53.35	

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

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	13.75	
		For Steel Liner, Add		*2.79*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	15.77	
		For Steel Liner, Add		*3.20*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	17.78	
		For Steel Liner, Add		*3.61*

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

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute	28.11	
		Note: Includes fabrication and installation.		

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

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

01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris"	614.99	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris"	662.49	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris"	720.00	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris"	814.97	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris"	914.97	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only"	914.97	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.		

01 74 19 00-0018 Concrete Washout Service *(01 74 19)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	619.62	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	743.55	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	575.82	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,247.61	
01 74 19 00-0023		Debris Processing Fee *(01 74 19)*		
01 74 19 00-0024		Material Recycling Fees *(01 74 19 00-0023)* Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center	16.20	
01 74 19 00-0026	CY	Drop-Off Non Reinforced Concrete At Recycling Center	21.71	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center	32.56	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center	28.22	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center	31.47	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center	30.39	
01 74 19 00-0031		Landfill Dump Fees *(01 74 19 00-0023)* Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0032	CY	Traditional Building Construction Materials Landfill Dump Fee	14.44	
01 74 19 00-0033	TON	Traditional Building Construction Materials, Landfill Dump Fee	62.95	
01 74 19 00-0034	CY	Trees, Stumps And Brush, Landfill Dump Fee	17.39	
01 74 19 00-0035	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	41.46	
01 74 19 00-0036	TON	Dump, Transfer Station Fee For Mixed Material	94.13	
01 74 19 00-0037		Hauling *(01 74 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0038	CYM	Hauling Up To 15 Miles	1.25	
01 74 19 00-0039	CYM	Hauling, Miles Over Initial 15 Miles	0.94	
01 74 23		**Final Cleaning** *(01 74)*		
01 74 23 00-0001		Cleaning Of Glass *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	28.23	

END OF SECTION 01

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

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

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

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

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

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

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

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

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

02 32 13 00-0002	EA	Mobilization Of Drilling Crew	1,169.29

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

02 32 13 00-0004	LF	Standard Auger Hole With Split Spoon Sample At 5' Intervals	35.21

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

Note: All types of soils.

02 32 13 00-0006	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	89.65
02 32 13 00-0007	LF	4" Diameter Cased Borings In Earth, With Samples	153.31

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

02 32 13 00-0009	LF	Drill In Rock, BW Core, With Casing Note: Includes sampling.	94.92
02 32 13 00-0010	EA	Drill In Rock, With BW Core Boxes	8.93

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

02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing Note: Includes sampling.	122.71
02 32 13 00-0013	EA	Drill In Rock, With NW Core Boxes	10.27

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

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

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

02 32 13 00-0016	CY	Excavation For Test Pit, Light Material, Backhoe Excavation	64.37
02 32 13 00-0017	CY	Excavation For Test Pits, Medium Material, Backhoe Excavation	75.09
02 32 13 00-0018	CY	Excavation For Test Pit, Heavy Material, Backhoe Excavation	100.13

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

02 32 13 00-0020	CY	Excavation For Test Pit, Light Soil, Hand Excavation	183.42
02 32 13 00-0021	CY	Excavation For Test Pit, Heavy Soil, Hand Excavation	330.15

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

02 32 13 00-0023	EA	Shelby Tube Sampling	50.29
02 32 13 00-0024	EA	Penetration Test	40.98

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

02 32 13 00-0026	VLF	Boreholes	9.53

02 32 19 Exploratory Excavations *(02 32)*

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

Note: Assumes on-site disposal.

02 32 19 00-0002	EA	Hydro Excavation, Mobilization/Demobilization	163.90
02 32 19 00-0003	EA	Hydro Excavation, Minimum Charge Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	655.61
02 32 19 00-0004	CY	Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) Note: Normal soil conditions consist of silt, sand and gravel.	36.42

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 32 19 00-0005	CY	Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) Note: Adverse soil conditions consist of clay, glacial till and rocks.	58.27	

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

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

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

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

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

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	6.89
		For >500 To 1,000, Deduct	*-0.69*
		For >1,000 To 2,500, Deduct	*-1.24*
		For >2,500 To 5,000, Deduct	*-1.79*
		For >5,000 To 10,000, Deduct	*-2.34*
		For >10,000, Deduct	*-2.89*
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	10.32
		For >500 To 1,000, Deduct	*-1.03*
		For >1,000 To 2,500, Deduct	*-1.86*
		For >2,500 To 5,000, Deduct	*-2.68*
		For >5,000 To 10,000, Deduct	*-3.51*
		For >10,000, Deduct	*-4.33*
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	13.77
		For >500 To 1,000, Deduct	*-1.38*
		For >1,000 To 2,500, Deduct	*-2.48*
		For >2,500 To 5,000, Deduct	*-3.58*
		For >5,000 To 10,000, Deduct	*-4.68*
		For >10,000, Deduct	*-5.78*
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	13.58
		For >500 To 1,000, Deduct	*-1.36*
		For >1,000 To 2,500, Deduct	*-2.44*
		For >2,500 To 5,000, Deduct	*-3.53*
		For >5,000 To 10,000, Deduct	*-4.62*
		For >10,000, Deduct	*-5.70*
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	19.17
		For >500 To 1,000, Deduct	*-1.92*
		For >1,000 To 2,500, Deduct	*-3.45*
		For >2,500 To 5,000, Deduct	*-4.98*
		For >5,000 To 10,000, Deduct	*-6.52*
		For >10,000, Deduct	*-8.05*
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	27.16
		For >500 To 1,000, Deduct	*-2.72*
		For >1,000 To 2,500, Deduct	*-4.89*
		For >2,500 To 5,000, Deduct	*-7.06*
		For >5,000 To 10,000, Deduct	*-9.23*
		For >10,000, Deduct	*-11.41*
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	38.34
		For >500 To 1,000, Deduct	*-3.83*
		For >1,000 To 2,500, Deduct	*-6.90*
		For >2,500 To 5,000, Deduct	*-9.97*
		For >5,000 To 10,000, Deduct	*-13.04*
		For >10,000, Deduct	*-16.10*
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	50.13
		For >500 To 1,000, Deduct	*-5.01*
		For >1,000 To 2,500, Deduct	*-9.02*
		For >2,500 To 5,000, Deduct	*-13.03*
		For >5,000 To 10,000, Deduct	*-17.04*
		For >10,000, Deduct	*-21.05*
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	65.18
		For >500 To 1,000, Deduct	*-6.52*
		For >1,000 To 2,500, Deduct	*-11.73*
		For >2,500 To 5,000, Deduct	*-16.95*
		For >5,000 To 10,000, Deduct	*-22.16*
		For >10,000, Deduct	*-27.38*

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

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0032 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.70
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.15
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.13	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.70	
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving	3.56	

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

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	15.16	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.55*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*7.58*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,500, Deduct	*-2.73*	
		For >2,500 To 5,000, Deduct	*-3.94*	
		For >5,000 To 10,000, Deduct	*-5.15*	
		For >10,000, Deduct	*-6.37*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	20.69	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.21*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*10.35*	
		For >500 To 1,000, Deduct	*-2.07*	
		For >1,000 To 2,500, Deduct	*-3.72*	
		For >2,500 To 5,000, Deduct	*-5.38*	
		For >5,000 To 10,000, Deduct	*-7.03*	
		For >10,000, Deduct	*-8.69*	
02 41 13 13-0021	SY	Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving	17.44	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.23*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*8.72*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000 To 2,500, Deduct	*-3.14*	
		For >2,500 To 5,000, Deduct	*-4.53*	
		For >5,000 To 10,000, Deduct	*-5.93*	
		For >10,000, Deduct	*-7.32*	
02 41 13 13-0022	SY	>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving	22.81	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.84*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*11.41*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000 To 2,500, Deduct	*-4.11*	
		For >2,500 To 5,000, Deduct	*-5.93*	
		For >5,000 To 10,000, Deduct	*-7.76*	
		For >10,000, Deduct	*-9.58*	
02 41 13 13-0023	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	23.14	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.94*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*11.57*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000 To 2,500, Deduct	*-4.17*	
		For >2,500 To 5,000, Deduct	*-6.02*	
		For >5,000 To 10,000, Deduct	*-7.87*	
		For >10,000, Deduct	*-9.72*	
02 41 13 13-0024	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	29.99	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*9.00*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*15.00*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000 To 2,500, Deduct	*-5.40*	
		For >2,500 To 5,000, Deduct	*-7.80*	
		For >5,000 To 10,000, Deduct	*-10.20*	
		For >10,000, Deduct	*-12.60*	
02 41 13 13-0025	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	49.70	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*14.91*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*24.85*	
		For >500 To 1,000, Deduct	*-4.97*	
		For >1,000 To 2,500, Deduct	*-8.95*	
		For >2,500 To 5,000, Deduct	*-12.92*	
		For >5,000 To 10,000, Deduct	*-16.90*	
		For >10,000, Deduct	*-20.87*	
02 41 13 13-0026	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	25.10	
		For Elevated Slab, Add	*12.55*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000 To 2,500, Deduct	*-4.52*	
		For >2,500 To 5,000, Deduct	*-6.53*	
		For >5,000 To 10,000, Deduct	*-8.53*	
		For >10,000, Deduct	*-10.54*	
02 41 13 13-0027	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	32.26	
		For Elevated Slab, Add	*16.13*	
		For >500 To 1,000, Deduct	*-3.23*	
		For >1,000 To 2,500, Deduct	*-5.81*	
		For >2,500 To 5,000, Deduct	*-8.39*	
		For >5,000 To 10,000, Deduct	*-10.97*	
		For >10,000, Deduct	*-13.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0028	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	57.68	
		For Elevated Slab, Add	*28.84*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000 To 2,500, Deduct	*-10.38*	
		For >2,500 To 5,000, Deduct	*-15.00*	
		For >5,000 To 10,000, Deduct	*-19.61*	
		For >10,000, Deduct	*-24.23*	
02 41 13 13-0029	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	75.28	
		For Elevated Slab, Add	*37.64*	
		For >500 To 1,000, Deduct	*-7.53*	
		For >1,000 To 2,500, Deduct	*-13.55*	
		For >2,500 To 5,000, Deduct	*-19.57*	
		For >5,000 To 10,000, Deduct	*-25.60*	
		For >10,000, Deduct	*-31.62*	
02 41 13 13-0030	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	98.42	
		For Elevated Slab, Add	*49.21*	
		For >500 To 1,000, Deduct	*-9.84*	
		For >1,000 To 2,500, Deduct	*-17.72*	
		For >2,500 To 5,000, Deduct	*-25.59*	
		For >5,000 To 10,000, Deduct	*-33.46*	
		For >10,000, Deduct	*-41.34*	
02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	119.44	
		For Elevated Slab, Add	*59.72*	
		For >500 To 1,000, Deduct	*-11.94*	
		For >1,000 To 2,500, Deduct	*-21.50*	
		For >2,500 To 5,000, Deduct	*-31.05*	
		For >5,000 To 10,000, Deduct	*-40.61*	
		For >10,000, Deduct	*-50.16*	

02 41 13 13-0032 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	3.78
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	4.98
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving	6.48
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	4.73
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	6.54
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving	8.37
02 41 13 13-0039	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	6.63
02 41 13 13-0040	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	9.14
02 41 13 13-0041	SF	>6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	11.71

02 41 13 13-0042 Grind Concrete *(02 41 13 13)*

02 41 13 13-0043	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	185.94
		For >1/2" To 1" Depth Of Grinding, Add	*27.89*
		For >1" To 1-1/2" Depth Of Grinding, Add	*46.49*
		For Up To 5, Add	*37.19*
		For >5 To 10, Add	*18.59*
		For >25 To 50, Deduct	*-18.59*
		For >50 To 250, Deduct	*-27.89*
		For >250, Deduct	*-37.19*
		For Sidewalks >5', Add	*18.59*
		For Up To 12" Additional Feathering Per Side, Add	*18.59*

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

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

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	7.28
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	9.10
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	12.17
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	24.22

02 41 16 Structure Demolition *(02 41)*

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

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

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

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.63
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	11.54
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.45

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		8.40

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

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

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

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition		71.47
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-5.36*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-10.72*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-16.08*
		For Up To 500, Add		*21.44*
		For >500 To 1,000, Add		*14.29*
		For >1,000 To 2,000, Add		*7.15*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*23.59*
		For No Interior Partitions, Deduct		*-17.87*
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition		44.90
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.37*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-6.74*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-10.10*
		For Up To 500, Add		*13.47*
		For >500 To 1,000, Add		*8.98*
		For >1,000 To 2,000, Add		*4.49*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*6.74*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*11.23*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*15.72*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*14.82*
		For No Interior Partitions, Deduct		*-11.23*

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

02 41 16 13-0011	CCF	By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition		89.68
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-6.73*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-13.45*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-20.18*
		For Up To 500, Add		*26.90*
		For >500 To 1,000, Add		*17.94*
		For >1,000 To 2,000, Add		*8.97*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*29.59*
		For No Interior Partitions, Deduct		*-22.42*
02 41 16 13-0012	CCF	By Machine, Reinforced Concrete Building Demolition		59.27
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.45*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-8.89*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-13.34*
		For Up To 500, Add		*17.78*
		For >500 To 1,000, Add		*11.85*
		For >1,000 To 2,000, Add		*5.93*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*8.89*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*14.82*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*20.74*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*19.56*
		For No Interior Partitions, Deduct		*-14.82*

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

02 41 16 13-0014	CCF	By Pneumatic Tools/Hand, Masonry Construction Building Demolition		63.02
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.73*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-9.45*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-14.18*
		For Up To 500, Add		*18.91*
		For >500 To 1,000, Add		*12.60*
		For >1,000 To 2,000, Add		*6.30*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*20.80*
		For No Interior Partitions, Deduct		*-15.76*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0015	CCF	By Machine, Masonry Construction Building Demolition		40.28
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.02*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-6.04*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-9.06*
		For Up To 500, Add		*12.08*
		For >500 To 1,000, Add		*8.06*
		For >1,000 To 2,000, Add		*4.03*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*6.04*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*10.07*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*14.10*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*13.29*
		For No Interior Partitions, Deduct		*-10.07*
02 41 16 13-0016		Wood Frame Construction Building Demolition *(02 41 16 13-0006)*		
02 41 16 13-0017	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition		54.76
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.11*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-8.21*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-12.32*
		For Up To 500, Add		*16.43*
		For >500 To 1,000, Add		*10.95*
		For >1,000 To 2,000, Add		*5.48*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*18.07*
		For No Interior Partitions, Deduct		*-13.69*
02 41 16 13-0018	CCF	By Machine, Wood Frame Construction Building Demolition		34.47
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-2.59*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-5.17*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-7.76*
		For Up To 500, Add		*10.34*
		For >500 To 1,000, Add		*6.89*
		For >1,000 To 2,000, Add		*3.45*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*5.17*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*11.38*
		For No Interior Partitions, Deduct		*-8.62*
02 41 16 13-0019		Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*		
		Note: Per building volume.		
02 41 16 13-0020	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off		9.07
		For Up To 500, Add		*2.72*
		For >500 To 1,000, Add		*1.81*
		For >1,000 To 2,000, Add		*0.91*
02 41 16 13-0021		Foundation Demolition *(02 41 16 13)*		
		Note: Excludes earthwork.		
02 41 16 13-0022		Concrete Foundation Demolition *(02 41 16 13-0021)*		
02 41 16 13-0023	CF	Non Reinforced Concrete Foundation Demolition		14.02
		For >135 To 405, Deduct		*-1.23*
		For >405 To 810, Deduct		*-2.45*
		For >810 To 2025, Deduct		*-3.51*
		For >2025, Deduct		*-5.61*
02 41 16 13-0024	CF	Reinforced Concrete Foundation Demolition		16.83
		For >135 To 405, Deduct		*-1.47*
		For >405 To 810, Deduct		*-2.95*
		For >810 To 2025, Deduct		*-4.21*
		For >2025, Deduct		*-6.73*
02 41 16 13-0025		Concrete Foundation Wall Demolition *(02 41 16 13-0021)*		
02 41 16 13-0026	SF	4" Thick Non Reinforced Concrete Foundation Wall Demolition		6.01
		For >500 To 2,000, Deduct		*-0.45*
		For >2,000 To 6,000, Deduct		*-1.20*
		For >6,000 To 8,000, Deduct		*-2.10*
		For >8,000, Deduct		*-3.31*
02 41 16 13-0027	SF	6" Thick Non Reinforced Concrete Foundation Wall Demolition		8.02
		For >500 To 2,000, Deduct		*-0.60*
		For >2,000 To 6,000, Deduct		*-1.60*
		For >6,000 To 8,000, Deduct		*-2.81*
		For >8,000, Deduct		*-4.41*
02 41 16 13-0028	SF	8" Thick Non Reinforced Concrete Foundation Wall Demolition		10.01
		For >500 To 2,000, Deduct		*-0.75*
		For >2,000 To 6,000, Deduct		*-2.00*
		For >6,000 To 8,000, Deduct		*-3.50*
		For >8,000, Deduct		*-5.51*
02 41 16 13-0029	SF	10" Thick Non Reinforced Concrete Foundation Wall Demolition		12.01
		For >500 To 2,000, Deduct		*-0.90*
		For >2,000 To 6,000, Deduct		*-2.40*
		For >6,000 To 8,000, Deduct		*-4.20*
		For >8,000, Deduct		*-6.61*
02 41 16 13-0030	SF	12" Thick Non Reinforced Concrete Foundation Wall Demolition		14.02
		For >500 To 2,000, Deduct		*-1.05*
		For >2,000 To 6,000, Deduct		*-2.80*
		For >6,000 To 8,000, Deduct		*-4.91*
		For >8,000, Deduct		*-7.71*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0031	SF	16" Thick Non Reinforced Concrete Foundation Wall Demolition		16.02
		For >500 To 2,000, Deduct		*-1.20*
		For >2,000 To 6,000, Deduct		*-3.20*
		For >6,000 To 8,000, Deduct		*-5.61*
		For >8,000, Deduct		*-8.81*
02 41 16 13-0032	SF	4" Thick Reinforced Concrete Foundation Wall Demolition		7.21
		For >500 To 2,000, Deduct		*-0.54*
		For >2,000 To 6,000, Deduct		*-1.44*
		For >6,000 To 8,000, Deduct		*-2.52*
		For >8,000, Deduct		*-3.97*
02 41 16 13-0033	SF	6" Thick Reinforced Concrete Foundation Wall Demolition		9.61
		For >500 To 2,000, Deduct		*-0.72*
		For >2,000 To 6,000, Deduct		*-1.92*
		For >6,000 To 8,000, Deduct		*-3.36*
		For >8,000, Deduct		*-5.29*
02 41 16 13-0034	SF	8" Thick Reinforced Concrete Foundation Wall Demolition		12.01
		For >500 To 2,000, Deduct		*-0.90*
		For >2,000 To 6,000, Deduct		*-2.40*
		For >6,000 To 8,000, Deduct		*-4.20*
		For >8,000, Deduct		*-6.61*
02 41 16 13-0035	SF	10" Thick Reinforced Concrete Foundation Wall Demolition		14.22
		For >500 To 2,000, Deduct		*-1.07*
		For >2,000 To 6,000, Deduct		*-2.84*
		For >6,000 To 8,000, Deduct		*-4.98*
		For >8,000, Deduct		*-7.82*
02 41 16 13-0036	SF	12" Thick Reinforced Concrete Foundation Wall Demolition		16.83
		For >500 To 2,000, Deduct		*-1.26*
		For >2,000 To 6,000, Deduct		*-3.37*
		For >6,000 To 8,000, Deduct		*-5.89*
		For >8,000, Deduct		*-9.26*
02 41 16 13-0037	SF	16" Thick Reinforced Concrete Foundation Wall Demolition		19.23
		For >500 To 2,000, Deduct		*-1.44*
		For >2,000 To 6,000, Deduct		*-3.85*
		For >6,000 To 8,000, Deduct		*-6.73*
		For >8,000, Deduct		*-10.58*

02 41 16 13-0038 Concrete Block Foundation Wall Demolition *(02 41 16 13-0021)*

02 41 16 13-0039	SF	4" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.41
		For >500 To 2,000, Deduct		*-0.33*
		For >2,000 To 6,000, Deduct		*-0.88*
		For >6,000 To 8,000, Deduct		*-1.54*
		For >8,000, Deduct		*-2.43*
02 41 16 13-0040	SF	6" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.71
		For >500 To 2,000, Deduct		*-0.35*
		For >2,000 To 6,000, Deduct		*-0.94*
		For >6,000 To 8,000, Deduct		*-1.65*
		For >8,000, Deduct		*-2.59*
02 41 16 13-0041	SF	8" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.31
		For >500 To 2,000, Deduct		*-0.40*
		For >2,000 To 6,000, Deduct		*-1.06*
		For >6,000 To 8,000, Deduct		*-1.86*
		For >8,000, Deduct		*-2.92*
02 41 16 13-0042	SF	10" Thick Non Reinforced Concrete Block Foundation Wall Demolition		6.10
		For >500 To 2,000, Deduct		*-0.46*
		For >2,000 To 6,000, Deduct		*-1.22*
		For >6,000 To 8,000, Deduct		*-2.14*
		For >8,000, Deduct		*-3.36*
02 41 16 13-0043	SF	12" Thick Non Reinforced Concrete Block Foundation Wall Demolition		6.81
		For >500 To 2,000, Deduct		*-0.51*
		For >2,000 To 6,000, Deduct		*-1.36*
		For >6,000 To 8,000, Deduct		*-2.38*
		For >8,000, Deduct		*-3.75*
02 41 16 13-0044	SF	16" Thick Non Reinforced Concrete Block Foundation Wall Demolition		8.52
		For >500 To 2,000, Deduct		*-0.64*
		For >2,000 To 6,000, Deduct		*-1.70*
		For >6,000 To 8,000, Deduct		*-2.98*
		For >8,000, Deduct		*-4.69*
02 41 16 13-0045	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		5.29
		For >500 To 2,000, Deduct		*-0.40*
		For >2,000 To 6,000, Deduct		*-1.06*
		For >6,000 To 8,000, Deduct		*-1.85*
		For >8,000, Deduct		*-2.91*
02 41 16 13-0046	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		5.65
		For >500 To 2,000, Deduct		*-0.42*
		For >2,000 To 6,000, Deduct		*-1.13*
		For >6,000 To 8,000, Deduct		*-1.98*
		For >8,000, Deduct		*-3.11*
02 41 16 13-0047	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		6.36
		For >500 To 2,000, Deduct		*-0.48*
		For >2,000 To 6,000, Deduct		*-1.27*
		For >6,000 To 8,000, Deduct		*-2.23*
		For >8,000, Deduct		*-3.50*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0048	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition	7.33	
		For >500 To 2,000, Deduct	*-0.55*	
		For >2,000 To 6,000, Deduct	*-1.47*	
		For >6,000 To 8,000, Deduct	*-2.57*	
		For >8,000, Deduct	*-4.03*	
02 41 16 13-0049	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition	8.18	
		For >500 To 2,000, Deduct	*-0.61*	
		For >2,000 To 6,000, Deduct	*-1.64*	
		For >6,000 To 8,000, Deduct	*-2.86*	
		For >8,000, Deduct	*-4.50*	
02 41 16 13-0050	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition	10.21	
		For >500 To 2,000, Deduct	*-0.77*	
		For >2,000 To 6,000, Deduct	*-2.04*	
		For >6,000 To 8,000, Deduct	*-3.57*	
		For >8,000, Deduct	*-5.62*	
02 41 16 13-0051		**Brick Foundation Wall Demolition** *(02 41 16 13-0021)*		
02 41 16 13-0052	SF	4" Thick Brick Foundation Wall Demolition	4.41	
		For >500 To 2,000, Deduct	*-0.33*	
		For >2,000 To 6,000, Deduct	*-0.88*	
		For >6,000 To 8,000, Deduct	*-1.54*	
		For >8,000, Deduct	*-2.43*	
02 41 16 13-0053	SF	6" Thick Brick Foundation Wall Demolition	4.71	
		For >500 To 2,000, Deduct	*-0.35*	
		For >2,000 To 6,000, Deduct	*-0.94*	
		For >6,000 To 8,000, Deduct	*-1.65*	
		For >8,000, Deduct	*-2.59*	
02 41 16 13-0054	SF	8" Thick Brick Foundation Wall Demolition	5.31	
		For >500 To 2,000, Deduct	*-0.40*	
		For >2,000 To 6,000, Deduct	*-1.06*	
		For >6,000 To 8,000, Deduct	*-1.86*	
		For >8,000, Deduct	*-2.92*	
02 41 16 13-0055	SF	10" Thick Brick Foundation Wall Demolition	6.10	
		For >500 To 2,000, Deduct	*-0.46*	
		For >2,000 To 6,000, Deduct	*-1.22*	
		For >6,000 To 8,000, Deduct	*-2.14*	
		For >8,000, Deduct	*-3.36*	
02 41 16 13-0056	SF	12" Thick Brick Foundation Wall Demolition	6.81	
		For >500 To 2,000, Deduct	*-0.51*	
		For >2,000 To 6,000, Deduct	*-1.36*	
		For >6,000 To 8,000, Deduct	*-2.38*	
		For >8,000, Deduct	*-3.75*	
02 41 16 13-0057	SF	16" Thick Brick Foundation Wall Demolition	8.52	
		For >500 To 2,000, Deduct	*-0.64*	
		For >2,000 To 6,000, Deduct	*-1.70*	
		For >6,000 To 8,000, Deduct	*-2.98*	
		For >8,000, Deduct	*-4.69*	
02 41 16 13-0058		**Stone Foundation Demolition** *(02 41 16 13-0021)*		
02 41 16 13-0059	CF	Stone Footing Or Foundation Wall Demolition	14.02	
		For >135 To 405, Deduct	*-1.23*	
		For >405 To 810, Deduct	*-2.45*	
		For >810 To 2025, Deduct	*-3.51*	
		For >2025, Deduct	*-5.61*	
02 41 16 13-0060		**Other Foundation Demolition** *(02 41 16 13-0021)*		
02 41 16 13-0061	CF	Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition Note: Includes excavation.	14.64	
		For >135 To 405, Deduct	*-1.28*	
		For >405 To 810, Deduct	*-2.56*	
		For >810 To 2025, Deduct	*-3.66*	
		For >2025, Deduct	*-5.86*	
02 41 19		**Selective Demolition** *(02 41)*		
02 41 19 13		**Selective Building Demolition** *(02 41 19)*		
02 41 19 13-0001		**Exterior Masonry Removal** *(02 41 19 13)*		
02 41 19 13-0002		**Masonry Columns Removal (Interior And Exterior)** *(02 41 19 13-0001)*		
02 41 19 13-0003	VLF	8" x 8" Masonry Column Removal	13.87	
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal	21.68	
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal	27.77	
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal	34.77	
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal	42.71	
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	23.98	
02 41 19 13-0009		**Masonry Chimney Removal** *(02 41 19 13-0001)*		
02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	28.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	21.12	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	16.16	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	11.20	
02 41 19 13-0014		**Remove And Reset Precast, Stone Or Masonry Coping** *(02 41 19 13-0001)*		
		Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	18.34	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	27.31	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	51.96	
02 41 19 13-0018		**Facade Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal	5.28	
		For Cleaning and Storage For Reuse, Add	*7.92*	
02 41 19 13-0020		**Exterior Masonry Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0021	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	4.64	
02 41 19 13-0022	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	5.24	
02 41 19 13-0023	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall	6.34	
02 41 19 13-0024	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall	6.92	
02 41 19 13-0025	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall	7.60	
02 41 19 13-0026	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall	9.51	
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	5.50	
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	6.29	
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	7.60	
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	8.31	
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	9.12	
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	11.41	
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall	4.64	
		For Cleaning and Storage For Reuse, Add	*6.96*	
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall	5.24	
		For Cleaning and Storage For Reuse, Add	*7.86*	
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall	6.34	
		For Cleaning and Storage For Reuse, Add	*9.51*	
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall	6.92	
		For Cleaning and Storage For Reuse, Add	*10.38*	
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall	7.60	
		For Cleaning and Storage For Reuse, Add	*11.40*	
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall	9.51	
		For Cleaning and Storage For Reuse, Add	*14.27*	
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal	13.52	
		For Cleaning and Storage For Reuse, Add	*20.28*	
02 41 19 13-0040		**Lintel Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0041	LF	Demolish Steel Lintel	15.25	
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	20.33	
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	16.10	
02 41 19 13-0044		**Reinstall Lintel** *(02 41 19 13-0001)*		
		Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	8.12	
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	20.33	
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.	41.73	
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	16.94	
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	76.31	
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	126.68	
02 41 19 13-0051		**Exterior Concrete Wall Removal** *(02 41 19 13)*		
02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	6.24	
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	11.31	
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	14.22	
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	16.77	
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	19.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0057 Saw Cutting *(02 41 19 13)*

Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

02 41 19 13-0058	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.17	
		For Each Additional Pass (Depth To 3"), Add	*0.85*	
		For >250, Deduct	*-0.21*	
02 41 19 13-0059	LF	Brick Masonry Up To 4" Depth, Saw Cut	8.24	
		For Each Additional Pass (Depth To 3"), Add	*3.27*	
		For >250, Deduct	*-0.82*	
02 41 19 13-0060	LF	Concrete Block Up To 4" Depth, Saw Cut	7.45	
		For Each Additional Pass (Depth To 3"), Add	*2.95*	
		For >250, Deduct	*-0.74*	
02 41 19 13-0061	LF	Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.48	
		For Each Additional Pass (Depth To 3"), Add	*0.96*	
		For >250, Deduct	*-0.24*	
02 41 19 13-0062	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	3.27	
		For Each Additional Pass (Depth To 3"), Add	*1.27*	
		For >250, Deduct	*-0.31*	
02 41 19 13-0063	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	5.45	
		For Each Additional Pass (Depth To 3"), Add	*2.14*	
		For >250, Deduct	*-0.53*	
02 41 19 13-0064	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	10.55	
		For Each Additional Pass (Depth To 3"), Add	*4.19*	
		For >250, Deduct	*-1.04*	
02 41 19 13-0065	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	14.18	
		For Each Additional Pass (Depth To 3"), Add	*5.63*	
		For >250, Deduct	*-1.40*	
02 41 19 13-0066	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	2.89	
		For Each Additional Pass (Depth To 3"), Add	*1.04*	
		For >250, Deduct	*-0.25*	
02 41 19 13-0067	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	7.47	
		For Each Additional Pass (Depth To 3"), Add	*2.96*	
		For >250, Deduct	*-0.74*	
02 41 19 13-0068	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	7.47	
		For Each Additional Pass (Depth To 3"), Add	*2.96*	
		For >250, Deduct	*-0.74*	
02 41 19 13-0069	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	7.47	
		For Each Additional Pass (Depth To 3"), Add	*2.96*	
		For >250, Deduct	*-0.74*	
02 41 19 13-0070	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	7.47	
		For Each Additional Pass (Depth To 3"), Add	*2.96*	
		For >250, Deduct	*-0.74*	
02 41 19 13-0071	EA	Saw Cut Minimum Charge	1,031.79	
		Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0072 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

02 41 19 13-0073	LF	Up To 1/2", Torch Cut Steel Plate	2.83	
02 41 19 13-0074	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	5.65	
02 41 19 13-0075	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	8.49	
02 41 19 13-0076	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	11.31	
02 41 19 13-0077	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	14.14	
02 41 19 13-0078	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	16.96	
02 41 19 13-0079	EA	Torch Cutting Minimum Charge	931.08	
		Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0080 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and clean-up.

02 41 19 13-0081 Concrete Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0082 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0083	EA	Drill 1" Diameter Core In Up To 4" Concrete	40.27	
		For Horizontal Cores, Add	*8.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.02*	
02 41 19 13-0084	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	44.71	
		For Horizontal Cores, Add	*8.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.80*	
02 41 19 13-0085	EA	Drill 2" Diameter Core In Up To 4" Concrete	49.66	
		For Horizontal Cores, Add	*9.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.78*	
02 41 19 13-0086	EA	Drill 3" Diameter Core In Up To 4" Concrete	70.92	
		For Horizontal Cores, Add	*14.13*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.25*	
02 41 19 13-0087	EA	Drill 4" Diameter Core In Up To 4" Concrete	95.03	
		For Horizontal Cores, Add	*18.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0088	EA	Drill 6" Diameter Core In Up To 4" Concrete	106.43	
		For Horizontal Cores, Add	*21.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.38*	
02 41 19 13-0089	EA	Drill 8" Diameter Core In Up To 4" Concrete	170.18	
		For Horizontal Cores, Add	*33.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.80*	
02 41 19 13-0090	EA	Drill 10" Diameter Core In Up To 4" Concrete	212.81	
		For Horizontal Cores, Add	*42.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*84.76*	
02 41 19 13-0091	EA	Drill 12" Diameter Core In Up To 4" Concrete	248.32	
		For Horizontal Cores, Add	*49.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*98.89*	
02 41 19 13-0092	EA	Drill 14" Diameter Core In Up To 4" Concrete	283.80	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	
02 41 19 13-0093	EA	Drill 18" Diameter Core In Up To 4" Concrete	319.47	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.12*	
02 41 19 13-0094		>4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0081)*		
02 41 19 13-0095	EA	Drill 1" Diameter Core In >4" To 6" Concrete	57.53	
		For Horizontal Cores, Add	*11.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.88*	
02 41 19 13-0096	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	63.88	
		For Horizontal Cores, Add	*12.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.42*	
02 41 19 13-0097	EA	Drill 2" Diameter Core In >4" To 6" Concrete	70.95	
		For Horizontal Cores, Add	*14.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.25*	
02 41 19 13-0098	EA	Drill 3" Diameter Core In >4" To 6" Concrete	85.20	
		For Horizontal Cores, Add	*16.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.90*	
02 41 19 13-0099	EA	Drill 4" Diameter Core In >4" To 6" Concrete	106.54	
		For Horizontal Cores, Add	*21.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.38*	
02 41 19 13-0100	EA	Drill 6" Diameter Core In >4" To 6" Concrete	142.01	
		For Horizontal Cores, Add	*28.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*56.50*	
02 41 19 13-0101	EA	Drill 8" Diameter Core In >4" To 6" Concrete	212.91	
		For Horizontal Cores, Add	*42.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*84.76*	
02 41 19 13-0102	EA	Drill 10" Diameter Core In >4" To 6" Concrete	248.60	
		For Horizontal Cores, Add	*49.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*98.89*	
02 41 19 13-0103	EA	Drill 12" Diameter Core In >4" To 6" Concrete	284.14	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	
02 41 19 13-0104	EA	Drill 14" Diameter Core In >4" To 6" Concrete	319.79	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.12*	
02 41 19 13-0105	EA	Drill 18" Diameter Core In >4" To 6" Concrete	355.73	
		For Horizontal Cores, Add	*70.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*141.25*	
02 41 19 13-0106		>6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0081)*		
02 41 19 13-0107	EA	Drill 1" Diameter Core In >6" To 8" Concrete	63.38	
		For Horizontal Cores, Add	*12.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.17*	
02 41 19 13-0108	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	70.37	
		For Horizontal Cores, Add	*13.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.97*	
02 41 19 13-0109	EA	Drill 2" Diameter Core In >6" To 8" Concrete	78.14	
		For Horizontal Cores, Add	*15.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.08*	
02 41 19 13-0110	EA	Drill 3" Diameter Core In >6" To 8" Concrete	92.44	
		For Horizontal Cores, Add	*18.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.73*	
02 41 19 13-0111	EA	Drill 4" Diameter Core In >6" To 8" Concrete	120.87	
		For Horizontal Cores, Add	*24.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.02*	
02 41 19 13-0112	EA	Drill 6" Diameter Core In >6" To 8" Concrete	170.51	
		For Horizontal Cores, Add	*33.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.80*	
02 41 19 13-0113	EA	Drill 8" Diameter Core In >6" To 8" Concrete	283.86	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	
02 41 19 13-0114	EA	Drill 10" Diameter Core In >6" To 8" Concrete	319.62	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.12*	
02 41 19 13-0115	EA	Drill 12" Diameter Core In >6" To 8" Concrete	355.32	
		For Horizontal Cores, Add	*70.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*141.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0116	EA	Drill 14" Diameter Core In >6" To 8" Concrete	391.08	
		For Horizontal Cores, Add	*77.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*155.35*	
02 41 19 13-0117	EA	Drill 18" Diameter Core In >6" To 8" Concrete	427.28	
		For Horizontal Cores, Add	*84.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*169.51*	
02 41 19 13-0118		>8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0081)*		
02 41 19 13-0119	EA	Drill 1" Diameter Core In >8" To 10" Concrete	74.94	
		For Horizontal Cores, Add	*14.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.75*	
02 41 19 13-0120	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	83.20	
		For Horizontal Cores, Add	*16.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.05*	
02 41 19 13-0121	EA	Drill 2" Diameter Core In >8" To 10" Concrete	92.39	
		For Horizontal Cores, Add	*18.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.73*	
02 41 19 13-0122	EA	Drill 3" Diameter Core In >8" To 10" Concrete	106.72	
		For Horizontal Cores, Add	*21.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.38*	
02 41 19 13-0123	EA	Drill 4" Diameter Core In >8" To 10" Concrete	121.08	
		For Horizontal Cores, Add	*24.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.02*	
02 41 19 13-0124	EA	Drill 6" Diameter Core In >8" To 10" Concrete	170.77	
		For Horizontal Cores, Add	*33.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.80*	
02 41 19 13-0125	EA	Drill 8" Diameter Core In >8" To 10" Concrete	284.20	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	
02 41 19 13-0126	EA	Drill 10" Diameter Core In >8" To 10" Concrete	320.08	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.12*	
02 41 19 13-0127	EA	Drill 12" Diameter Core In >8" To 10" Concrete	355.80	
		For Horizontal Cores, Add	*70.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*141.22*	
02 41 19 13-0128	EA	Drill 14" Diameter Core In >8" To 10" Concrete	391.77	
		For Horizontal Cores, Add	*77.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*155.35*	
02 41 19 13-0129	EA	Drill 18" Diameter Core In >8" To 10" Concrete	428.09	
		For Horizontal Cores, Add	*84.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*169.47*	
02 41 19 13-0130		>10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0081)*		
02 41 19 13-0131	EA	Drill 1" Diameter Core In >10" To 12" Concrete	80.79	
		For Horizontal Cores, Add	*16.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.04*	
02 41 19 13-0132	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	89.68	
		For Horizontal Cores, Add	*17.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.60*	
02 41 19 13-0133	EA	Drill 2" Diameter Core In >10" To 12" Concrete	99.57	
		For Horizontal Cores, Add	*19.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.55*	
02 41 19 13-0134	EA	Drill 3" Diameter Core In >10" To 12" Concrete	106.89	
		For Horizontal Cores, Add	*21.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.38*	
02 41 19 13-0135	EA	Drill 4" Diameter Core In >10" To 12" Concrete	142.49	
		For Horizontal Cores, Add	*28.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*56.50*	
02 41 19 13-0136	EA	Drill 6" Diameter Core In >10" To 12" Concrete	185.15	
		For Horizontal Cores, Add	*36.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*73.46*	
02 41 19 13-0137	EA	Drill 8" Diameter Core In >10" To 12" Concrete	298.69	
		For Horizontal Cores, Add	*59.33*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*118.65*	
02 41 19 13-0138	EA	Drill 10" Diameter Core In >10" To 12" Concrete	320.53	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.12*	
02 41 19 13-0139	EA	Drill 12" Diameter Core In >10" To 12" Concrete	370.58	
		For Horizontal Cores, Add	*73.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.92*	
02 41 19 13-0140		>12" Thick Concrete Core Drilling *(02 41 19 13-0081)*		
02 41 19 13-0141	IN	Drill 1" Diameter Core In >12" Concrete	9.85	
		For Horizontal Cores, Add	*1.96*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.92*	
02 41 19 13-0142	IN	Drill 1-1/2" Diameter Core In >12" Concrete	10.94	
		For Horizontal Cores, Add	*2.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.35*	
02 41 19 13-0143	IN	Drill 2" Diameter Core In >12" Concrete	12.15	
		For Horizontal Cores, Add	*2.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0144	IN	Drill 3" Diameter Core In >12" Concrete	13.32	
		For Horizontal Cores, Add	*2.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.30*	
02 41 19 13-0145	IN	Drill 4" Diameter Core In >12" Concrete	17.75	
		For Horizontal Cores, Add	*3.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.06*	
02 41 19 13-0146	IN	Drill 6" Diameter Core In >12" Concrete	23.09	
		For Horizontal Cores, Add	*4.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.18*	
02 41 19 13-0147	IN	Drill 8" Diameter Core In >12" Concrete	37.28	
		For Horizontal Cores, Add	*7.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.84*	
02 41 19 13-0148	IN	Drill 10" Diameter Core In >12" Concrete	40.12	
		For Horizontal Cores, Add	*7.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.96*	
02 41 19 13-0149	IN	Drill 12" Diameter Core In >12" Concrete	46.21	
		For Horizontal Cores, Add	*9.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.38*	

02 41 19 13-0150 Brick/Concrete Block Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0151 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0152	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	32.26	
		For Horizontal Cores, Add	*6.41*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.82*	
02 41 19 13-0153	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	35.81	
		For Horizontal Cores, Add	*7.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.24*	
02 41 19 13-0154	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	39.77	
		For Horizontal Cores, Add	*7.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.82*	
02 41 19 13-0155	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	56.80	
		For Horizontal Cores, Add	*11.30*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.60*	
02 41 19 13-0156	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	76.11	
		For Horizontal Cores, Add	*15.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.29*	
02 41 19 13-0157	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	85.24	
		For Horizontal Cores, Add	*16.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.90*	
02 41 19 13-0158	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	136.28	
		For Horizontal Cores, Add	*27.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.24*	
02 41 19 13-0159	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	170.43	
		For Horizontal Cores, Add	*33.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.80*	
02 41 19 13-0160	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	198.87	
		For Horizontal Cores, Add	*39.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.11*	
02 41 19 13-0161	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	227.30	
		For Horizontal Cores, Add	*45.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.40*	
02 41 19 13-0162	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	255.91	
		For Horizontal Cores, Add	*50.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	

02 41 19 13-0163 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0164	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	46.09	
		For Horizontal Cores, Add	*9.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.30*	
02 41 19 13-0165	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	51.17	
		For Horizontal Cores, Add	*10.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.34*	
02 41 19 13-0166	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	56.82	
		For Horizontal Cores, Add	*11.30*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.60*	
02 41 19 13-0167	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	68.26	
		For Horizontal Cores, Add	*13.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.12*	
02 41 19 13-0168	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	85.35	
		For Horizontal Cores, Add	*16.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.90*	
02 41 19 13-0169	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	113.75	
		For Horizontal Cores, Add	*22.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.20*	
02 41 19 13-0170	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	170.53	
		For Horizontal Cores, Add	*33.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.80*	
02 41 19 13-0171	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	199.15	
		For Horizontal Cores, Add	*39.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0172	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	227.64	
		For Horizontal Cores, Add	*45.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.40*	
02 41 19 13-0173	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	256.23	
		For Horizontal Cores, Add	*50.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	
02 41 19 13-0174	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	285.10	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	

02 41 19 13-0175 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0176	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	50.80	
		For Horizontal Cores, Add	*10.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.14*	
02 41 19 13-0177	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	56.39	
		For Horizontal Cores, Add	*11.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.38*	
02 41 19 13-0178	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	62.60	
		For Horizontal Cores, Add	*12.43*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.86*	
02 41 19 13-0179	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	74.07	
		For Horizontal Cores, Add	*14.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.38*	
02 41 19 13-0180	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	96.86	
		For Horizontal Cores, Add	*19.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.42*	
02 41 19 13-0181	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	136.61	
		For Horizontal Cores, Add	*27.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.24*	
02 41 19 13-0182	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	227.36	
		For Horizontal Cores, Add	*45.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.40*	
02 41 19 13-0183	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	256.06	
		For Horizontal Cores, Add	*50.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	
02 41 19 13-0184	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	284.69	
		For Horizontal Cores, Add	*56.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.00*	
02 41 19 13-0185	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	313.39	
		For Horizontal Cores, Add	*62.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*124.28*	
02 41 19 13-0186	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	342.53	
		For Horizontal Cores, Add	*67.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.61*	

02 41 19 13-0187 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0188	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	60.06	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0189	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	66.68	
		For Horizontal Cores, Add	*13.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.44*	
02 41 19 13-0190	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	74.02	
		For Horizontal Cores, Add	*14.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.38*	
02 41 19 13-0191	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	85.53	
		For Horizontal Cores, Add	*16.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.90*	
02 41 19 13-0192	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	97.07	
		For Horizontal Cores, Add	*19.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.42*	
02 41 19 13-0193	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	136.87	
		For Horizontal Cores, Add	*27.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.24*	
02 41 19 13-0194	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	227.70	
		For Horizontal Cores, Add	*45.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.40*	
02 41 19 13-0195	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	256.52	
		For Horizontal Cores, Add	*50.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	
02 41 19 13-0196	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	285.19	
		For Horizontal Cores, Add	*56.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*112.98*	
02 41 19 13-0197	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	314.08	
		For Horizontal Cores, Add	*62.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*124.28*	
02 41 19 13-0198	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	343.36	
		For Horizontal Cores, Add	*67.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.58*	

02 41 19 13-0199 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0200	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	64.77	
		For Horizontal Cores, Add	*12.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.63*	
02 41 19 13-0201	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	71.89	
		For Horizontal Cores, Add	*14.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.48*	
02 41 19 13-0202	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	79.80	
		For Horizontal Cores, Add	*15.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.64*	
02 41 19 13-0203	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	85.70	
		For Horizontal Cores, Add	*16.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.90*	
02 41 19 13-0204	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	114.23	
		For Horizontal Cores, Add	*22.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.20*	
02 41 19 13-0205	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	148.42	
		For Horizontal Cores, Add	*29.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*58.76*	
02 41 19 13-0206	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	239.37	
		For Horizontal Cores, Add	*47.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*94.92*	
02 41 19 13-0207	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	256.97	
		For Horizontal Cores, Add	*50.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	
02 41 19 13-0208	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	297.12	
		For Horizontal Cores, Add	*58.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.53*	

02 41 19 13-0209 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0210	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	7.89	
		For Horizontal Cores, Add	*1.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.13*	
02 41 19 13-0211	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	8.76	
		For Horizontal Cores, Add	*1.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.48*	
02 41 19 13-0212	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	9.73	
		For Horizontal Cores, Add	*1.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.87*	
02 41 19 13-0213	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	10.67	
		For Horizontal Cores, Add	*2.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.24*	
02 41 19 13-0214	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	14.22	
		For Horizontal Cores, Add	*2.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.65*	
02 41 19 13-0215	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	18.51	
		For Horizontal Cores, Add	*3.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.35*	
02 41 19 13-0216	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	29.86	
		For Horizontal Cores, Add	*5.94*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.88*	
02 41 19 13-0217	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	32.15	
		For Horizontal Cores, Add	*6.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.77*	
02 41 19 13-0218	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	37.02	
		For Horizontal Cores, Add	*7.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.70*	

02 41 19 13-0219 Asphalt Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0220 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0219)*

02 41 19 13-0221	EA	Drill 2" Diameter Core In Up To 2" Asphalt	30.29
02 41 19 13-0222	EA	Drill 3" Diameter Core In Up To 2" Asphalt	37.56
02 41 19 13-0223	EA	Drill 4" Diameter Core In Up To 2" Asphalt	47.27
02 41 19 13-0224	EA	Drill 6" Diameter Core In Up To 2" Asphalt	59.38
02 41 19 13-0225	EA	Drill 8" Diameter Core In Up To 2" Asphalt	73.94
02 41 19 13-0226	EA	Drill 10" Diameter Core In Up To 2" Asphalt	92.12
02 41 19 13-0227	EA	Drill 12" Diameter Core In Up To 2" Asphalt	115.12

02 41 19 13-0228 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0219)*

02 41 19 13-0229	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	38.76
02 41 19 13-0230	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	48.46
02 41 19 13-0231	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	60.58
02 41 19 13-0232	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	76.33
02 41 19 13-0233	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	94.54
02 41 19 13-0234	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	118.74
02 41 19 13-0235	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	147.81

02 41 19 13-0236 >3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0219)*

02 41 19 13-0237	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	49.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0238	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	61.80	
02 41 19 13-0239	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	77.57	
02 41 19 13-0240	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	96.96	
02 41 19 13-0241	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	121.23	
02 41 19 13-0242	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	151.50	
02 41 19 13-0243	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	189.05	
02 41 19 13-0244		>4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0219)*		
02 41 19 13-0245	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	63.02	
02 41 19 13-0246	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	80.02	
02 41 19 13-0247	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	99.42	
02 41 19 13-0248	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	123.68	
02 41 19 13-0249	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	155.25	
02 41 19 13-0250	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	194.01	
02 41 19 13-0251	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	242.49	
02 41 19 13-0252		Manhole Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0253	EA	Drill 4" Diameter Core In 6" Brick Manhole	212.30	
02 41 19 13-0254	EA	Drill 5" Diameter Core In 6" Brick Manhole	242.63	
02 41 19 13-0255	EA	Drill 6" Diameter Core In 6" Brick Manhole	282.99	
02 41 19 13-0256	EA	Drill 8" Diameter Core In 6" Brick Manhole	424.45	
02 41 19 13-0257	EA	Drill 2" Diameter Core In 8" Concrete Manhole	284.54	
02 41 19 13-0258	EA	Drill 3" Diameter Core In 8" Concrete Manhole	302.84	
02 41 19 13-0259	EA	Drill 4" Diameter Core In 8" Concrete Manhole	333.25	
02 41 19 13-0260	EA	Drill 5" Diameter Core In 8" Concrete Manhole	357.53	
02 41 19 13-0261	EA	Drill 6" Diameter Core In 8" Concrete Manhole	424.11	
02 41 19 13-0262	EA	Drill 8" Diameter Core In 8" Concrete Manhole	605.81	
02 41 19 13-0263	EA	Drill 2" Diameter Core In Fiberglass Manhole	28.26	
02 41 19 13-0264	EA	Drill 3" Diameter Core In Fiberglass Manhole	32.62	
02 41 19 13-0265	EA	Drill 4" Diameter Core In Fiberglass Manhole	35.33	
02 41 19 13-0266	EA	Drill 5" Diameter Core In Fiberglass Manhole	38.54	
02 41 19 13-0267	EA	Drill 6" Diameter Core In Fiberglass Manhole	42.41	
02 41 19 13-0268	EA	Drill 8" Diameter Core In Fiberglass Manhole	47.12	
02 41 19 13-0269		Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0270	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.12	
02 41 19 13-0271	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.22	
02 41 19 13-0272	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.38	
02 41 19 13-0273	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.54	
02 41 19 13-0274	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.78	
02 41 19 13-0275	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.03	
02 41 19 13-0276	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	3.17	
02 41 19 13-0277	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.50	
02 41 19 13-0278	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.98	
02 41 19 13-0279		Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0280	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.76	
02 41 19 13-0281	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.85	
02 41 19 13-0282	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.98	
02 41 19 13-0283	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.12	
02 41 19 13-0284	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.32	
02 41 19 13-0285	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.53	
02 41 19 13-0286	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.65	
02 41 19 13-0287	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.93	
02 41 19 13-0288	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.61	
02 41 19 13-0289		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0290	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.88	
02 41 19 13-0291	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.92	
02 41 19 13-0292	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.00	
02 41 19 13-0293	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.06	
02 41 19 13-0294	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.16	
02 41 19 13-0295	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0296	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.33	
02 41 19 13-0297	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.46	
02 41 19 13-0298	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.71	
02 41 19 13-0299		Limestone Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0300		10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0299)*		
02 41 19 13-0301	EA	Drill 1" Diameter Core In 10" To 14" Limestone	60.72	
02 41 19 13-0302	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	72.90	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0303	EA	Drill 2" Diameter Core In 10" To 14" Limestone	79.01	
02 41 19 13-0304	EA	Drill 3" Diameter Core In 10" To 14" Limestone	91.29	
02 41 19 13-0305	EA	Drill 4" Diameter Core In 10" To 14" Limestone	103.56	
02 41 19 13-0306	EA	Drill 6" Diameter Core In 10" To 14" Limestone	146.07	
02 41 19 13-0307	EA	Drill 8" Diameter Core In 10" To 14" Limestone	243.15	
02 41 19 13-0308		15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0299)*		
02 41 19 13-0309	EA	Drill 1" Diameter Core In 15" To 18" Limestone	66.84	
02 41 19 13-0310	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	79.01	
02 41 19 13-0311	EA	Drill 2" Diameter Core In 15" To 18" Limestone	85.16	
02 41 19 13-0312	EA	Drill 3" Diameter Core In 15" To 18" Limestone	91.43	
02 41 19 13-0313	EA	Drill 4" Diameter Core In 15" To 18" Limestone	121.87	
02 41 19 13-0314	EA	Drill 6" Diameter Core In 15" To 18" Limestone	158.34	
02 41 19 13-0315	EA	Drill 8" Diameter Core In 15" To 18" Limestone	255.62	
02 41 19 13-0316		19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0299)*		
02 41 19 13-0317	EA	Drill 1" Diameter Core In 19" To 24" Limestone	72.92	
02 41 19 13-0318	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	85.12	
02 41 19 13-0319	EA	Drill 2" Diameter Core In 19" To 24" Limestone	91.30	
02 41 19 13-0320	EA	Drill 3" Diameter Core In 19" To 24" Limestone	103.61	
02 41 19 13-0321	EA	Drill 4" Diameter Core In 19" To 24" Limestone	146.19	
02 41 19 13-0322	EA	Drill 6" Diameter Core In 19" To 24" Limestone	182.72	
02 41 19 13-0323	EA	Drill 8" Diameter Core In 19" To 24" Limestone	274.16	
02 41 19 13-0324		Minimum Charge For Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0325	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	830.16	
02 41 19 13-0326		Cutouts *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0327		Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0326)*		
02 41 19 13-0328	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	47.70	
02 41 19 13-0329	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	50.59	
02 41 19 13-0330	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	53.48	
02 41 19 13-0331	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	56.36	
02 41 19 13-0332	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	57.81	
02 41 19 13-0333		Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0326)* Note: Includes cutting and removing steel decking.		
02 41 19 13-0334	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	58.13	
02 41 19 13-0335	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	61.66	
02 41 19 13-0336	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	65.17	
02 41 19 13-0337	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	68.70	
02 41 19 13-0338	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	70.46	
02 41 19 13-0339		Reinforced Concrete Wall Cutouts *(02 41 19 13-0326)*		
02 41 19 13-0340	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	59.63	
02 41 19 13-0341	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	63.23	
02 41 19 13-0342	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	66.84	
02 41 19 13-0343	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	70.46	
02 41 19 13-0344	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	72.27	
02 41 19 13-0345		Brick Wall Cutouts *(02 41 19 13-0326)* Note: Excludes toothing.		
02 41 19 13-0346	SF	4" Thick Brick Wall Cutouts, <24 SF	18.07	
02 41 19 13-0347	SF	6" Thick Brick Wall Cutouts, <24 SF	29.81	
02 41 19 13-0348	SF	8" Thick Brick Wall Cutouts, <24 SF	41.51	
02 41 19 13-0349	SF	10" Thick Brick Wall Cutouts, <24 SF	50.59	
02 41 19 13-0350	SF	12" Thick Brick Wall Cutouts, <24 SF	60.53	
02 41 19 13-0351	SF	16" Thick Brick Wall Cutouts, <24 SF	71.37	
02 41 19 13-0352		Concrete Block Wall Cutouts *(02 41 19 13-0326)* Note: Excludes toothing.		
02 41 19 13-0353	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	29.89	
02 41 19 13-0354	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	31.65	
02 41 19 13-0355	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	33.43	
02 41 19 13-0356	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	35.23	
02 41 19 13-0357	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	36.13	
02 41 19 13-0358	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	37.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0359 Limestone Cutouts *(02 41 19 13-0326)*

02 41 19 13-0360	SF	2" Thick Limestone Cutouts, <24 SF		50.59
02 41 19 13-0361	SF	4" Thick Limestone Cutouts, <24 SF		61.43
02 41 19 13-0362	SF	6" Thick Limestone Cutouts, <24 SF		65.04
02 41 19 13-0363	SF	8" Thick Limestone Cutouts, <24 SF		68.66
02 41 19 13-0364	SF	10" Thick Limestone Cutouts, <24 SF		72.27
02 41 19 13-0365	SF	12" Thick Limestone Cutouts, <24 SF		75.88

02 41 19 13-0366 Toothing Masonry Cutouts *(02 41 19 13-0326)*

Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.

02 41 19 13-0367	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts		18.07
02 41 19 13-0368	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts		24.39
02 41 19 13-0369	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts		10.84
02 41 19 13-0370	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts		14.46

02 41 19 13-0371 Minimum Charge For Cutouts *(02 41 19 13-0326)*

Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 41 19 13-0372	EA	Cutouts Minimum Charge		361.34

02 41 19 13-0373 Elevated Concrete Removal *(02 41 19 13)*

02 41 19 13-0374	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced		12.11

02 41 19 16 Selective Interior Demolition *(02 41 19)*

Note: Includes break-up of material, loading into truck or dumpster and clean-up.

02 41 19 16-0001 Floor Removal *(02 41 19 16)*

02 41 19 16-0002 Scarify Concrete *(02 41 19 16-0001)*

Note: Up to 1/4" removal per pass.

02 41 19 16-0003	SF	Scarify Concrete Floor		0.26
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser		2.11
02 41 19 16-0005	SF	Scarify Concrete Wall		1.91

02 41 19 16-0006 Fireproofing Removal *(02 41 19 16)*

02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel		1.17

02 41 19 16-0008 Demolish Ceiling *(02 41 19 16)*

02 41 19 16-0009	SF	Demolish Drywall Ceiling		0.90
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling		2.11
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System		1.62

02 41 19 16-0012 Demolish Concrete Stair *(02 41 19 16)*

02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs		7.60
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs		6.51

02 41 19 16-0015 Demolish Interior Partition/Wall *(02 41 19 16)*

Note: Price includes knock down, loading, clean-up.

02 41 19 16-0016 Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0015)*

Note: Includes saw cutting, knock down, loading and clean-up.

02 41 19 16-0017 Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0018	SF	Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall		4.92
02 41 19 16-0019	SF	Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall		5.26
02 41 19 16-0020	SF	Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall		5.93
02 41 19 16-0021	SF	Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall		7.61
02 41 19 16-0022	SF	Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall		9.51
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall		5.91
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall		6.32
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall		7.12
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall		9.13
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall		11.41

02 41 19 16-0028 Demolish Brick Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall		4.92
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall		5.93
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall		7.60
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall		9.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0033		Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls	4.22	
02 41 19 16-0035		Demolish Concrete Interior Partition/Walls *(02 41 19 16-0016)*		
		See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall	8.96	
02 41 19 16-0037	SF	Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall	11.20	
02 41 19 16-0038	SF	Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall	15.67	
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall	10.75	
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	13.52	
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	18.81	
02 41 19 16-0042		Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	1.69	
02 41 19 16-0044		Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0015)*		
		Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.99	
		For Heights >14' To 20', Add		*0.45*
		For Heights >20', Add		*0.60*
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	3.48	
		For Heights >14' To 20', Add		*0.52*
		For Heights >20', Add		*0.70*
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	3.82	
		For Heights >14' To 20', Add		*0.57*
		For Heights >20', Add		*0.76*
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	5.31	
		For Heights >14' To 20', Add		*0.80*
		For Heights >20', Add		*1.06*
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.57	
		For Heights >14' To 20', Add		*0.24*
		For Heights >20', Add		*0.31*
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	1.88	
		For Heights >14' To 20', Add		*0.28*
		For Heights >20', Add		*0.38*

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

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

Note: Includes placement on pallets and storage on site.

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

02 42 21 35-0001		Clay Tile Roof Remove And Salvage For Re-use *(02 42 21 35)*		
		Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	274.89	

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

02 42 21 47-0001		Remove And Salvage For Re-Use *(02 42 21 47)*		
		Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	2.50	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	2.50	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	3.46	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.02	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.07	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.77	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

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

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

02 43 13 13-0001		Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)*		
		Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.		
02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	34.84	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	32.94	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building	30.83	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	27.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	26.14	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building	23.12	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	33.87	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	30.83	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	26.14	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

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

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	7.22	1.99

02 60 Contaminated Site Material Removal *(02)*

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

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

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

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

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	13.19
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	7.86
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	66.43

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.42
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.84

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

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

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

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

02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	1,090.62	
		For Work In Restricted Working Space, Add	*327.19*	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	72.30	
		For Work In Restricted Working Space, Add	*21.69*	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	48.20	
		For Work In Restricted Working Space, Add	*14.46*	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	36.20	
		For Work In Restricted Working Space, Add	*10.86*	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	28.91	
		For Work In Restricted Working Space, Add	*8.67*	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	24.58	
		For Work In Restricted Working Space, Add	*7.37*	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	22.12	
		For Work In Restricted Working Space, Add	*6.64*	

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

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0037 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

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

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

02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank	23.63
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank	23.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	23.63	
02 65 00 00-0006		**Lab Tests For Underground Storage Tank Removal** *(02 65 00 00-0001)* Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.		
02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	187.64	
02 65 00 00-0008	EA	Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	72.97	
02 65 00 00-0009	EA	TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	175.54	
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	187.64	
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	145.94	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	396.13	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	729.72	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	87.77	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	156.37	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	208.49	
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	233.51	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	31.27	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	31.27	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	31.27	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	58.38	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	333.58	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	120.69	
02 65 00 00-0024	EA	pH, Lab Test	25.02	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	312.74	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	187.64	
02 65 00 00-0027		**Tests, Surveys And Maintenance For Underground Storage Tank** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,062.54	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	183.35	
02 65 00 00-0030	EA	Check And Report On Monitor Probes Note: By Certified Technician	42.46	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	299.23	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	152.02	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	218.61	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	301.05	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	124.76	
02 65 00 00-0036		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	103.98	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	115.98	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	124.06	
02 65 00 00-0040		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0041		**Transfer Liquid** *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.74	
02 65 00 00-0043		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.70	
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank	0.75	
02 65 00 00-0046		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	6.11	
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.38	
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	4.26	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)* Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	325.98	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	427.17	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	553.52	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	747.40	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,445.88	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,738.66	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,991.52	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,406.24	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,096.84	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,723.41	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,715.78	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,813.15	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	7,121.98	
02 65 00 00-0066		**Scrape Clean Tank Exterior** *(02 65 00 00-0049)*		
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	220.55	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	293.69	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	384.84	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	532.92	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,180.17	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,494.34	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	1,748.65	
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,198.29	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	2,857.24	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	3,586.42	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	4,669.81	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	5,603.77	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	7,004.71	
02 65 00 00-0080		**Tank And Piping Removal** *(02 65)* Note: Excludes excavation.		
02 65 00 00-0081		**Removal And Disposal Of Piping** *(02 65 00 00-0080)* Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	18.04	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	24.07	
02 65 00 00-0084		**Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement** *(02 65 00 00-0080)* Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	637.46	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	774.05	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	910.66	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,138.32	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,593.64	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,003.44	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,276.63	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,731.96	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,642.61	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,366.69	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,116.86	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,986.28	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	7,482.85	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0098		Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*		
		Note: Includes 1 lengthwise at every 4' on-center height wise.		
02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	797.73	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,487.65	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,789.50	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,994.32	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,393.18	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,975.30	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,573.99	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,473.74	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,592.18	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	6,990.22	
02 65 00 00-0109		Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*		
		Note: Includes disposal fee.		
02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	282.22	
		For Each Additional Mile >15 Miles, Add	*4.38*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	381.82	
		For Each Additional Mile >15 Miles, Add	*5.53*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	599.48	
		For Each Additional Mile >15 Miles, Add	*8.30*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	922.30	
		For Each Additional Mile >15 Miles, Add	*9.68*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,627.55	
		For Each Additional Mile >15 Miles, Add	*17.06*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,682.87	
		For Each Additional Mile >15 Miles, Add	*18.44*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,775.09	
		For Each Additional Mile >15 Miles, Add	*20.75*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,568.89	
		For Each Additional Mile >15 Miles, Add	*27.67*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,532.36	
		For Each Additional Mile >15 Miles, Add	*41.50*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,126.94	
		For Each Additional Mile >15 Miles, Add	*46.11*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,102.12	
		For Each Additional Mile >15 Miles, Add	*55.33*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,114.03	
		For Each Additional Mile >15 Miles, Add	*66.40*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	8,582.38	
		For Each Additional Mile >15 Miles, Add	*76.36*	
02 65 00 00-0123		Other Storage Tank Removals *(02 65 00 00-0080)*		
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.55	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.20	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	0.94	
02 65 00 00-0127		Tank Closure Report *(02 65 00 00-0080)*		
		Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128	EA	Prepare Tank Closure Report	3,819.59	
02 65 00 00-0129		Temporary Tanks *(02 65)*		
02 65 00 00-0130		Temporary Holding Tanks *(02 65 00 00-0129)*		
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*		
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	867.59	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	867.59	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,735.18	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,301.39	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,036.57	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,168.98	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	4,932.15	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	5,910.75	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	9,981.72	
02 65 00 00-0141		Secondary Containment Berm *(02 65 00 00-0129)*		
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,879.78	

02 80 Facility Remediation *(02)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

02 81 00 00-0001 Equipment Oil Drain And Disposal *(02 81)*

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	610.44
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	95.93
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	436.02
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	784.84
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	104.48

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)*

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	87.76
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	56.68
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	66.45
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	105.54
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	181.76
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	220.85
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	44.95
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	54.72
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	74.27
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	56.68
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	66.45
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	105.54
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	181.76
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	209.12
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	291.21

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

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

02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.53
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	2.09
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	2.28
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.47
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	7.67
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	8.70

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

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

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

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

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

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

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,105.98
		For Work In Restricted Working Space, Add	*327.19*
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	37.95
		For Work In Restricted Working Space, Add	*11.15*
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	28.65
		For Work In Restricted Working Space, Add	*8.36*
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.68
		For Work In Restricted Working Space, Add	*6.27*
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	16.46
		For Work In Restricted Working Space, Add	*4.71*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	14.41	
		For Work In Restricted Working Space, Add	*4.09*	
02 82 33 00-0010		>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*		
		See CSI section 02 82 33 00-0017 for projects with less than 10 LF.		
02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,121.33	
		For Work In Restricted Working Space, Add	*327.19*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	44.30	
		For Work In Restricted Working Space, Add	*12.83*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.60	
		For Work In Restricted Working Space, Add	*9.62*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.59	
		For Work In Restricted Working Space, Add	*7.22*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	19.57	
		For Work In Restricted Working Space, Add	*5.41*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	17.23	
		For Work In Restricted Working Space, Add	*4.71*	
02 82 33 00-0017		Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*		
		Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0018	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	706.69	
		For Work In Restricted Working Space, Add	*210.62*	
02 82 33 00-0019	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	118.55	
		For Work In Restricted Working Space, Add	*35.10*	
02 82 33 00-0020	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	46.96	
		For Work In Restricted Working Space, Add	*13.63*	
02 82 33 00-0021	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	35.60	
		For Work In Restricted Working Space, Add	*10.22*	
02 82 33 00-0022	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	27.09	
		For Work In Restricted Working Space, Add	*7.67*	
02 82 33 00-0023		Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0024		Calcium Block Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0023)*		
02 82 33 00-0025	SET	Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	1,098.30	
02 82 33 00-0026	SF	>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	45.21	
02 82 33 00-0027	SF	>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	37.32	
02 82 33 00-0028	SF	>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	29.98	
02 82 33 00-0029	SF	>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	24.49	
02 82 33 00-0030		Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0023)*		
02 82 33 00-0031	SET	Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	1,094.46	
02 82 33 00-0032	SF	>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	39.74	
02 82 33 00-0033	SF	>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	31.85	
02 82 33 00-0034	SF	>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	24.52	
02 82 33 00-0035	SF	>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	19.03	
02 82 33 00-0036		Fibrous Glass Board Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0023)*		
02 82 33 00-0037	SET	Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	1,093.18	
02 82 33 00-0038	SF	>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	35.26	
02 82 33 00-0039	SF	>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	27.36	
02 82 33 00-0040	SF	>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	20.03	
02 82 33 00-0041	SF	>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	14.54	
02 82 33 00-0042		Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0023)*		
		Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0043	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,100.22	
02 82 33 00-0044	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	37.56	
02 82 33 00-0045	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	29.66	
02 82 33 00-0046	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	22.34	
02 82 33 00-0047	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	16.85	
02 82 33 00-0048		Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0049		Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0048)*		
		Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0088 for asbestos abatement for up to 1 sf sections to expose area for attachments.		
02 82 33 00-0050	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,100.22	
02 82 33 00-0051	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	44.99	
02 82 33 00-0052	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	33.82	
02 82 33 00-0053	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	25.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0054	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	19.19	

02 82 33 00-0055 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

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

02 82 33 00-0056	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,097.02	
02 82 33 00-0057	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	18.89	
02 82 33 00-0058	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	14.35	
02 82 33 00-0059	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	10.71	
02 82 33 00-0060	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	7.99	

02 82 33 00-0061 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

02 82 33 00-0062	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,103.42	
		For Additional Layer, Add	*299.92*	
02 82 33 00-0063	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	14.57	
		For Additional Layer, Add	*3.94*	
02 82 33 00-0064	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.71	
		For Additional Layer, Add	*2.87*	
02 82 33 00-0065	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.44	
		For Additional Layer, Add	*2.25*	
02 82 33 00-0066	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.63	
		For Additional Layer, Add	*1.75*	
02 82 33 00-0067	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.26	
		For Additional Layer, Add	*1.38*	
02 82 33 00-0068	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	4.25	
		For Additional Layer, Add	*1.10*	

02 82 33 00-0069 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

02 82 33 00-0070	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,097.02
02 82 33 00-0071	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	27.43
02 82 33 00-0072	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.17
02 82 33 00-0073	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.81
02 82 33 00-0074	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	12.35
02 82 33 00-0075	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	8.89

02 82 33 00-0076 Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

02 82 33 00-0077	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,103.42
02 82 33 00-0078	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	31.86
02 82 33 00-0079	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	23.97
02 82 33 00-0080	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	18.04
02 82 33 00-0081	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	13.59

02 82 33 00-0082 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

02 82 33 00-0083	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,103.42
02 82 33 00-0084	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.38
02 82 33 00-0085	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.59
02 82 33 00-0086	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	7.08
02 82 33 00-0087	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	5.36

02 82 33 00-0088 Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0049 for areas > 1 SF.

02 82 33 00-0089	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	182.15

02 82 33 00-0090 Plywood, Asbestos Abatement And Disposal *(02 82 33 00-0048)*

02 82 33 00-0091	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,100.86
02 82 33 00-0092	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	15.71
02 82 33 00-0093	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	7.70
02 82 33 00-0094	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	5.28
02 82 33 00-0095	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	4.53

02 82 33 00-0096 Flooring Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0097 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0096)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0098		**Floor Tile, Asbestos Abatement And Disposal** *(02 82 33 00-0097)*			
		Note: Single layer or first of multiple layers. Excludes mastic.			
02 82 33 00-0099	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal		1,093.18	
		For Each Additional Layer, Add		*163.98*	
02 82 33 00-0100	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal		7.70	
		For Each Additional Layer, Add		*1.16*	
02 82 33 00-0101	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal		6.30	
		For Each Additional Layer, Add		*0.95*	
02 82 33 00-0102	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal		5.03	
		For Each Additional Layer, Add		*0.75*	
02 82 33 00-0103	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal		3.49	
		For Each Additional Layer, Add		*0.52*	
02 82 33 00-0104		**Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal** *(02 82 33 00-0097)*			
		Note: Single layer or first of multiple layers. Excludes mastic.			
02 82 33 00-0105	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal		1,093.18	
		For Each Additional Layer, Add		*163.98*	
02 82 33 00-0106	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal		7.70	
		For Each Additional Layer, Add		*1.16*	
02 82 33 00-0107	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal		6.33	
		For Each Additional Layer, Add		*0.95*	
02 82 33 00-0108	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal		5.75	
		For Each Additional Layer, Add		*0.86*	
02 82 33 00-0109	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal		4.65	
		For Each Additional Layer, Add		*0.70*	
02 82 33 00-0110		**Carpet, Asbestos Abatement And Disposal** *(02 82 33 00-0097)*			
02 82 33 00-0111	SET	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal		1,093.18	
02 82 33 00-0112	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal		6.02	
02 82 33 00-0113	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal		4.88	
02 82 33 00-0114	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal		3.57	
02 82 33 00-0115	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal		2.71	
02 82 33 00-0116		**Wall Or Cove Base, Asbestos Abatement And Disposal** *(02 82 33 00-0097)*			
		Note: Up to 12".			
02 82 33 00-0117	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal		366.74	
02 82 33 00-0118	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal		4.97	
02 82 33 00-0119	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal		3.04	
02 82 33 00-0120	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal		1.94	
02 82 33 00-0121	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal		1.41	
02 82 33 00-0122		**Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0096)*			
		Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.			
02 82 33 00-0123	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal		1,097.02	
		Note: Applies to bottom layer only if multiple layers.			
02 82 33 00-0124	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal		2.78	
		Note: Applies to bottom layer only if multiple layers.			
02 82 33 00-0125	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal		2.06	
		Note: Applies to bottom layer only if multiple layers.			
02 82 33 00-0126	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal		1.60	
		Note: Applies to bottom layer only if multiple layers.			
02 82 33 00-0127	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal		1.28	
		Note: Applies to bottom layer only if multiple layers.			
02 82 33 00-0128		**Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0096)*			
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.			
02 82 33 00-0129	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		1,116.22	
02 82 33 00-0130	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		8.85	
02 82 33 00-0131	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		6.53	
02 82 33 00-0132	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		5.17	
02 82 33 00-0133	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		4.08	
02 82 33 00-0134		**Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal** *(02 82 33 00-0096)*			
02 82 33 00-0135	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal		1,103.41	
02 82 33 00-0136	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal		9.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0137	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.50	
02 82 33 00-0138	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.13	
02 82 33 00-0139	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	4.22	
02 82 33 00-0140		Roofing, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0141		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0140)* Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0142		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0141)*		
02 82 33 00-0143	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,122.62	
02 82 33 00-0144	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.23	
02 82 33 00-0145	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.84	
02 82 33 00-0146	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.73	
02 82 33 00-0147	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.61	
02 82 33 00-0148	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.77	
02 82 33 00-0149		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0141)*		
02 82 33 00-0150	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,146.92	
02 82 33 00-0151	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.45	
02 82 33 00-0152	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.83	
02 82 33 00-0153	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.61	
02 82 33 00-0154	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.33	
02 82 33 00-0155	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.37	
02 82 33 00-0156		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0141)*		
02 82 33 00-0157	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,175.08	
02 82 33 00-0158	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.58	
02 82 33 00-0159	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.79	
02 82 33 00-0160	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.43	
02 82 33 00-0161	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.01	
02 82 33 00-0162	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.94	
02 82 33 00-0163		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0140)*		
02 82 33 00-0164		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0163)*		
02 82 33 00-0165	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,098.62	
02 82 33 00-0166	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.03	
		For Each Additional Layer, Add	*1.41*	
02 82 33 00-0167	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.64	
		For Each Additional Layer, Add	*1.13*	
02 82 33 00-0168	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.53	
		For Each Additional Layer, Add	*0.91*	
02 82 33 00-0169	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.41	
		For Each Additional Layer, Add	*0.68*	
02 82 33 00-0170	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.57	
		For Each Additional Layer, Add	*0.51*	
02 82 33 00-0171		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0140)*		
02 82 33 00-0172	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	364.18	
02 82 33 00-0173	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.79	
02 82 33 00-0174	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.29	
02 82 33 00-0175	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.86	
02 82 33 00-0176	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.37	
02 82 33 00-0177		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0140)*		
02 82 33 00-0178	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	364.18	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0179	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.24	
02 82 33 00-0180	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	6.60	
02 82 33 00-0181	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.51	
02 82 33 00-0182	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	3.99	
02 82 33 00-0183		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0184		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0183)*		
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0185	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,103.41	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0186	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	7.57	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0187	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.85	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0188	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.10	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0189	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.72	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0190		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0183)*		
02 82 33 00-0191	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,103.41	
02 82 33 00-0192	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	6.58	
02 82 33 00-0193	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.44	
02 82 33 00-0194	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.77	
02 82 33 00-0195	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.43	
02 82 33 00-0196		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0183)*		
02 82 33 00-0197	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	924.21	
02 82 33 00-0198	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	38.72	
02 82 33 00-0199	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	29.42	
02 82 33 00-0200	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	22.45	
02 82 33 00-0201	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.23	
02 82 33 00-0202	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	13.31	
02 82 33 00-0203	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	13.03	
02 82 33 00-0204		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0183)*		
02 82 33 00-0205	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	1,112.31	
		Note: Single or first of multiple layers.		
02 82 33 00-0206	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	5.94	
		Note: Single or first of multiple layers.		
02 82 33 00-0207	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	4.78	
		Note: Single or first of multiple layers.		
02 82 33 00-0208	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	3.85	
		Note: Single or first of multiple layers.		
02 82 33 00-0209	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.92	
		Note: Single or first of multiple layers.		
02 82 33 00-0210	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.22	
		Note: Single or first of multiple layers.		
02 82 33 00-0211		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0212		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0211)*		
02 82 33 00-0213	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	742.44	
		For Work In Restricted Working Space, Add	*218.12*	
02 82 33 00-0214	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	73.84	
		For Work In Restricted Working Space, Add	*21.69*	
02 82 33 00-0215	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	49.74	
		For Work In Restricted Working Space, Add	*14.46*	
02 82 33 00-0216	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	37.74	
		For Work In Restricted Working Space, Add	*10.86*	
02 82 33 00-0217	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.45	
		For Work In Restricted Working Space, Add	*8.67*	
02 82 33 00-0218	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	26.12	
		For Work In Restricted Working Space, Add	*7.37*	
02 82 33 00-0219	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	23.66	
		For Work In Restricted Working Space, Add	*6.64*	
02 82 33 00-0220		Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0221		30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0220)*		
02 82 33 00-0222	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	370.45	
02 82 33 00-0223	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	137.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0224	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	124.70	
02 82 33 00-0225		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0220)*		
02 82 33 00-0226	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	363.86	
02 82 33 00-0227	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.47	
02 82 33 00-0228	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.60	
02 82 33 00-0229	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.83	
02 82 33 00-0230	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.15	
02 82 33 00-0231	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.56	
02 82 33 00-0232	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.08	
02 82 33 00-0233		Grout, Asbestos Abatement And Disposal *(02 82 33 00-0220)* Note: e.g. flue grout.		
02 82 33 00-0234	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	363.75	
02 82 33 00-0235	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	14.33	
02 82 33 00-0236	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	9.88	
02 82 33 00-0237	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	8.46	
02 82 33 00-0238	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	7.27	
02 82 33 00-0239	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	6.27	
02 82 33 00-0240	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	5.38	
02 82 33 00-0241		Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0220)* Note: e.g. rope, web cloth, flat.		
02 82 33 00-0242	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	363.86	
02 82 33 00-0243	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	19.31	
02 82 33 00-0244	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	14.49	
02 82 33 00-0245	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	12.34	
02 82 33 00-0246	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	11.11	
02 82 33 00-0247	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	9.99	
02 82 33 00-0248	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	9.51	
02 82 33 00-0249		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0220)* Note: e.g. grid, spline, or glued on.		
02 82 33 00-0250	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	733.48	
02 82 33 00-0251	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	15.58	
02 82 33 00-0252	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	7.57	
02 82 33 00-0253	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.15	
02 82 33 00-0254	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	4.40	
02 82 33 00-0255		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0220)* Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0256	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	730.53	
02 82 33 00-0257	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	15.58	
02 82 33 00-0258	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.57	
02 82 33 00-0259	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.15	
02 82 33 00-0260	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.40	
02 82 33 00-0261		Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0220)*		
02 82 33 00-0262		Non Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0261)*		
02 82 33 00-0263	SET	Up To 10 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	363.75	
02 82 33 00-0264	LF	>10 To 50 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	10.75	
02 82 33 00-0265	LF	>50 To 100 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	7.58	
02 82 33 00-0266	LF	>100 To 250 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.65	
02 82 33 00-0267	LF	>250 To 1,000 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.25	
02 82 33 00-0268	LF	>1,000 To 2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.37	
02 82 33 00-0269	LF	>2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	2.92	
02 82 33 00-0270		Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0220)*		
02 82 33 00-0271	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	363.75	
02 82 33 00-0272	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	14.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0273	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	9.88	
02 82 33 00-0274	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	8.46	
02 82 33 00-0275	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.27	
02 82 33 00-0276	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	6.27	

02 82 33 00-0277 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0220)*

02 82 33 00-0278	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	756.56	
02 82 33 00-0279	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	72.43	
02 82 33 00-0280	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	50.75	
02 82 33 00-0281	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	39.96	
02 82 33 00-0282	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	33.40	
02 82 33 00-0283	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	29.49	
02 82 33 00-0284	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	27.28	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

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

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

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

02 83 19 13-0001 Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*

02 83 19 13-0002	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,138.86

02 83 19 13-0003 Lead Sampling And Testing *(02 83 19 13)*

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	83.69
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	67.37
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	64.50
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	97.72
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	136.81
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	25.41
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	39.09
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	48.86
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	64.50
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	97.72
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	10.75
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	14.66
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	21.50
02 83 19 13-0017	EA	5 Day Turnaround Lead Air Samples And Lab Fee	10.75
02 83 19 13-0018	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	14.66
02 83 19 13-0019	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	21.50
02 83 19 13-0020	EA	5 Day Turnaround Lead Water Test and Lab Fee	39.09
02 83 19 13-0021	EA	24 Hour Turnaround Lead Water Test and Lab Fee	58.63
02 83 19 13-0022	EA	8 Hour Turnaround Lead Water Test and Lab Fee	78.18
02 83 19 13-0023	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	40.42
02 83 19 13-0024	EA	5 Day Turnaround Lead Soil Test and Lab Fee	80.85

02 83 19 13-0025 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

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

02 83 19 13-0026	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	32.08
		For 0.025" (25 mil) Application, Add	*1.82*
		For 0.03" (30 mil) Application, Add	*2.87*
02 83 19 13-0027	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	47.58
		For 0.025" (25 mil) Application, Add	*2.60*
		For 0.03" (30 mil) Application, Add	*4.03*
02 83 19 13-0028	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	13.79
		For 0.025" (25 mil) Application, Add	*0.82*
		For 0.03" (30 mil) Application, Add	*1.31*
		For 0.125" (125 mil) Application, Add	*7.41*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0029	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	28.15	
		For 0.025" (25 mil) Application, Add	*1.54*	
		For 0.03" (30 mil) Application, Add	*2.39*	
		For 0.125" (125 mil) Application, Add	*11.00*	
02 83 19 13-0030	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	14.99	
		For 0.025" (25 mil) Application, Add	*0.97*	
		For 0.03" (30 mil) Application, Add	*1.59*	
02 83 19 13-0031	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	42.41	
		For 0.025" (25 mil) Application, Add	*2.34*	
		For 0.03" (30 mil) Application, Add	*3.64*	
02 83 19 13-0032	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	9.24	
		For 0.025" (25 mil) Application, Add	*0.64*	
		For 0.03" (30 mil) Application, Add	*1.07*	
		For 0.125" (125 mil) Application, Add	*7.59*	
02 83 19 13-0033	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	26.83	
		For 0.025" (25 mil) Application, Add	*1.52*	
		For 0.03" (30 mil) Application, Add	*2.39*	
02 83 19 13-0034	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	34.19	
		For 0.025" (25 mil) Application, Add	*1.89*	
		For 0.03" (30 mil) Application, Add	*2.94*	
02 83 19 13-0035	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	12.75	
		For 0.025" (25 mil) Application, Add	*0.81*	
		For 0.03" (30 mil) Application, Add	*1.33*	
02 83 19 13-0036	SF	Columns, Chemical Stripping Of Lead Contaminated Material	12.25	
		For 0.025" (25 mil) Application, Add	*0.83*	
		For 0.03" (30 mil) Application, Add	*1.38*	
		For 0.125" (125 mil) Application, Add	*9.60*	
02 83 19 13-0037	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	10.80	
		For 0.025" (25 mil) Application, Add	*0.72*	
		For 0.03" (30 mil) Application, Add	*1.18*	
02 83 19 13-0038	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	11.26	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.22*	
02 83 19 13-0039	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	19.53	
		For 0.025" (25 mil) Application, Add	*1.19*	
		For 0.03" (30 mil) Application, Add	*1.93*	
02 83 19 13-0040	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	55.83	
		For 0.025" (25 mil) Application, Add	*3.14*	
		For 0.03" (30 mil) Application, Add	*4.93*	
02 83 19 13-0041	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	13.86	
		For 0.025" (25 mil) Application, Add	*0.87*	
		For 0.03" (30 mil) Application, Add	*1.41*	
02 83 19 13-0042	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	7.62	
		For 0.025" (25 mil) Application, Add	*0.56*	
		For 0.03" (30 mil) Application, Add	*0.95*	
02 83 19 13-0043	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	28.67	
		For 0.025" (25 mil) Application, Add	*1.61*	
		For 0.03" (30 mil) Application, Add	*2.52*	
02 83 19 13-0044	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	34.19	
		For 0.025" (25 mil) Application, Add	*1.89*	
		For 0.03" (30 mil) Application, Add	*2.94*	
02 83 19 13-0045	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	17.96	
		For 0.025" (25 mil) Application, Add	*1.16*	
		For 0.03" (30 mil) Application, Add	*1.90*	
02 83 19 13-0046	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	22.12	
		For 0.025" (25 mil) Application, Add	*1.37*	
		For 0.03" (30 mil) Application, Add	*2.22*	
		For 0.125" (125 mil) Application, Add	*13.39*	
02 83 19 13-0047	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	6.18	
		For 0.025" (25 mil) Application, Add	*0.44*	
		For 0.03" (30 mil) Application, Add	*0.74*	
		For 0.125" (125 mil) Application, Add	*5.51*	
02 83 19 13-0048	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	9.92	
		For 0.025" (25 mil) Application, Add	*0.63*	
		For 0.03" (30 mil) Application, Add	*1.02*	
		For 0.125" (125 mil) Application, Add	*6.44*	
02 83 19 13-0049	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	17.74	
		For 0.025" (25 mil) Application, Add	*1.11*	
		For 0.03" (30 mil) Application, Add	*1.79*	
		For 0.125" (125 mil) Application, Add	*10.98*	
02 83 19 13-0050	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	24.32	
		For 0.025" (25 mil) Application, Add	*1.48*	
		For 0.03" (30 mil) Application, Add	*2.38*	
		For 0.125" (125 mil) Application, Add	*13.94*	
02 83 19 13-0051	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	43.61	
		For 0.025" (25 mil) Application, Add	*2.57*	
		For 0.03" (30 mil) Application, Add	*4.11*	
		For 0.125" (125 mil) Application, Add	*22.72*	
02 83 19 13-0052	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	13.03	
		For 0.025" (25 mil) Application, Add	*0.75*	
		For 0.03" (30 mil) Application, Add	*1.18*	
		For 0.125" (125 mil) Application, Add	*6.08*	
02 83 19 13-0053	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	258.95	
		For 0.025" (25 mil) Application, Add	*14.22*	
		For 0.03" (30 mil) Application, Add	*22.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0054	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	18.15	
		For 0.025" (25 mil) Application, Add	*1.40*	
		For 0.03" (30 mil) Application, Add	*2.41*	
02 83 19 13-0055	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	19.86	
		For 0.025" (25 mil) Application, Add	*1.49*	
		For 0.03" (30 mil) Application, Add	*2.54*	
02 83 19 13-0056	SF	Siding, Chemical Stripping Of Lead Contaminated Material	10.35	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.24*	
		For 0.125" (125 mil) Application, Add	*9.13*	
02 83 19 13-0057	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	21.70	
		For 0.025" (25 mil) Application, Add	*1.26*	
		For 0.03" (30 mil) Application, Add	*2.00*	
		For 0.125" (125 mil) Application, Add	*10.71*	
02 83 19 13-0058	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	9.99	
		For 0.025" (25 mil) Application, Add	*0.68*	
		For 0.03" (30 mil) Application, Add	*1.12*	
		For 0.125" (125 mil) Application, Add	*7.78*	
02 83 19 13-0059	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	11.34	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.22*	
		For 0.125" (125 mil) Application, Add	*8.12*	
02 83 19 13-0060	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	11.31	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.22*	
		For 0.125" (125 mil) Application, Add	*8.11*	
02 83 19 13-0061	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	16.02	
		For 0.025" (25 mil) Application, Add	*0.98*	
		For 0.03" (30 mil) Application, Add	*1.58*	
		For 0.125" (125 mil) Application, Add	*9.29*	
02 83 19 13-0062	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	11.31	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.22*	
		For 0.125" (125 mil) Application, Add	*8.11*	
02 83 19 13-0063	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	26.04	
		For 0.025" (25 mil) Application, Add	*1.48*	
		For 0.03" (30 mil) Application, Add	*2.33*	
02 83 19 13-0064	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	28.49	
		For 0.025" (25 mil) Application, Add	*1.60*	
		For 0.03" (30 mil) Application, Add	*2.51*	
02 83 19 13-0065	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	30.16	
		For 0.025" (25 mil) Application, Add	*1.68*	
		For 0.03" (30 mil) Application, Add	*2.64*	
02 83 19 13-0066	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	31.83	
		For 0.025" (25 mil) Application, Add	*1.77*	
		For 0.03" (30 mil) Application, Add	*2.76*	
02 83 19 13-0067	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	33.49	
		For 0.025" (25 mil) Application, Add	*1.85*	
		For 0.03" (30 mil) Application, Add	*2.89*	
02 83 19 13-0068	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	35.22	
		For 0.025" (25 mil) Application, Add	*1.94*	
		For 0.03" (30 mil) Application, Add	*3.02*	
02 83 19 13-0069	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	36.84	
		For 0.025" (25 mil) Application, Add	*2.02*	
		For 0.03" (30 mil) Application, Add	*3.14*	
02 83 19 13-0070	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	37.68	
		For 0.025" (25 mil) Application, Add	*2.06*	
		For 0.03" (30 mil) Application, Add	*3.20*	
02 83 19 13-0071	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	38.53	
		For 0.025" (25 mil) Application, Add	*2.10*	
		For 0.03" (30 mil) Application, Add	*3.26*	
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	39.33	
		For 0.025" (25 mil) Application, Add	*2.14*	
		For 0.03" (30 mil) Application, Add	*3.32*	
02 83 19 13-0073	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	51.97	
		For 0.025" (25 mil) Application, Add	*2.95*	
		For 0.03" (30 mil) Application, Add	*4.64*	
		For 0.125" (125 mil) Application, Add	*23.49*	
02 83 19 13-0074	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	9.02	
		For 0.025" (25 mil) Application, Add	*0.58*	
		For 0.03" (30 mil) Application, Add	*0.96*	
		For 0.125" (125 mil) Application, Add	*6.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0075	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	26.42	
		For 0.025" (25 mil) Application, Add	*1.58*	
		For 0.03" (30 mil) Application, Add	*2.54*	
		For 0.125" (125 mil) Application, Add	*14.47*	
02 83 19 13-0076	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	28.88	
		For 0.025" (25 mil) Application, Add	*1.66*	
		For 0.03" (30 mil) Application, Add	*2.63*	
		For 0.125" (125 mil) Application, Add	*13.76*	

02 83 19 13-0077 Demolish Lead Contaminated Material *(02 83 19 13)*

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

02 83 19 13-0078	SF	Demolish Ceiling Suspension System, Lead Contaminated Material	2.28
02 83 19 13-0079	SF	Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material	3.32
02 83 19 13-0080	SF	Demolish Walls, Gypsum Board, Lead Contaminated Material	1.07
02 83 19 13-0081	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.33
02 83 19 13-0082	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.84
02 83 19 13-0083	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.32
02 83 19 13-0084	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	63.72
02 83 19 13-0085	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	84.53
02 83 19 13-0086	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	9.44
02 83 19 13-0087	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	5.29
02 83 19 13-0088	SF	Demolish Brick, Lead Contaminated Material	3.98
02 83 19 13-0089	SF	Demolish Concrete Block, Lead Contaminated Material	5.12
02 83 19 13-0090	SF	Demolish Tile, Lead Contaminated Material	3.86
02 83 19 13-0091	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	5.81
02 83 19 13-0092	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.52
02 83 19 13-0093	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	6.03
02 83 19 13-0094	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	6.61
02 83 19 13-0095	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.72
02 83 19 13-0096	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.15
02 83 19 13-0097	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.40
02 83 19 13-0098	SF	Demolish Concrete, Lead Contaminated Material	13.15
02 83 19 13-0099	LF	Demolish Cabinets, Lead Contaminated Material	30.61
02 83 19 13-0100	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.73
02 83 19 13-0101	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	16.96
02 83 19 13-0102	SF	Demolish Cornice, Lead Contaminated Material	2.26
02 83 19 13-0103	EA	Demolish Doors, Lead Contaminated Material	66.41
02 83 19 13-0104	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material	2.02
02 83 19 13-0105	EA	Demolish Electrical Devices, Lead Contaminated Material	20.38
02 83 19 13-0106	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.62
02 83 19 13-0107	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	4.35
02 83 19 13-0108	SF	Demolish Wood Floors, Lead Contaminated Material	3.14
02 83 19 13-0109	SF	Demolish Grilles, Lead Contaminated Material	3.69
02 83 19 13-0110	EA	Demolish Hinges, Lead Contaminated Material	7.41
02 83 19 13-0111	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	15.92
02 83 19 13-0112	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	6.53
02 83 19 13-0113	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	9.52
02 83 19 13-0114	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	14.38
02 83 19 13-0115	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	26.54
02 83 19 13-0116	EA	Demolish Radiators, Lead Contaminated Material	114.64
02 83 19 13-0117	EA	Demolish Shutters, Lead Contaminated Material	44.67
02 83 19 13-0118	SF	Demolish Siding, Lead Contaminated Material	1.77
02 83 19 13-0119	SF	Demolish Soffit, Lead Contaminated Material	1.51
02 83 19 13-0120	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	4.13
02 83 19 13-0121	SF	Demolish Steel Beams, Lead Contaminated Material	4.87
02 83 19 13-0122	SF	Demolish Trusses, Lead Contaminated Material	6.38
02 83 19 13-0123	SF	Demolish Walls, Wood, Lead Contaminated Material	4.72
02 83 19 13-0124	SF	Demolish Windows, Lead Contaminated Material	15.86
02 83 19 13-0125	SF	Demolish Metal Stair, Lead Contaminated Material	7.59
02 83 19 13-0126	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	5.58
02 83 19 13-0127	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	9.11
02 83 19 13-0128	SF	Demolish Metal Picket Fence, Lead Contaminated Material	2.50
02 83 19 13-0129	SF	Demolish Plywood, Lead Contaminated Material	6.85
02 83 19 13-0130	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	3.35
02 83 19 13-0131	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	20.92
02 83 19 13-0132	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	4.56
02 83 19 13-0133	LF	Demolish Metal Guard Rails, Lead Contaminated Material	12.56
02 83 19 13-0134	LF	Demolish Roof Metal Trim, Lead Contaminated Material	2.68
02 83 19 13-0135	LF	Demolish Rain Gutters, Lead Contaminated Material	4.60
02 83 19 13-0136	LF	Demolish Downspouts, Lead Contaminated Material	3.77
02 83 19 13-0137	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	4.65
02 83 19 13-0138	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	2.67
02 83 19 13-0139	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	6.69

02 83 19 13-0140 Wet Sanding/Scraping Of Lead Contaminated Material *(02 83 19 13)*

Note: Remove loose, flaking lead-based paint to prepare for painting

02 83 19 13-0141	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting	3.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0142		Lead Abatement Encapsulation *(02 83 19 13)* Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0143	SF	Balustrades, Lead Abatement Encapsulation	5.81	
02 83 19 13-0144	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.74	
02 83 19 13-0145	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.79	
02 83 19 13-0146	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.75	
02 83 19 13-0147	SF	Ornate Cabinets, Lead Abatement Encapsulation	8.40	
02 83 19 13-0148	SF	Simple Design Cabinets, Lead Abatement Encapsulation	6.85	
02 83 19 13-0149	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.37	
02 83 19 13-0150	SF	Wood Ceilings, Lead Abatement Encapsulation	2.87	
02 83 19 13-0151	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.66	
02 83 19 13-0152	SF	Columns, Lead Abatement Encapsulation	4.53	
02 83 19 13-0153	SF	Doors, Lead Abatement Encapsulation	8.60	
02 83 19 13-0154	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.79	
02 83 19 13-0155	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.72	
02 83 19 13-0156	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.28	
02 83 19 13-0157	SF	Grilles, Vents, Lead Abatement Encapsulation	6.27	
02 83 19 13-0158	LF	Gutters And Downspouts, Lead Abatement Encapsulation	5.81	
02 83 19 13-0159	EA	Hangers, Lead Abatement Encapsulation	49.27	
02 83 19 13-0160	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	3.53	
02 83 19 13-0161	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	5.10	
02 83 19 13-0162	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	7.92	
02 83 19 13-0163	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	11.69	
02 83 19 13-0164	EA	Radiators, Lead Abatement Encapsulation	128.17	
02 83 19 13-0165	EA	Up To 6' Shutters, Lead Abatement Encapsulation	182.87	
02 83 19 13-0166	SF	Siding, Lead Abatement Encapsulation	3.24	
02 83 19 13-0167	SF	Up To 12" Soffit, Lead Abatement Encapsulation	4.53	
02 83 19 13-0168	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.75	
02 83 19 13-0169	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	4.89	
02 83 19 13-0170	SF	Trusses, Lead Abatement Encapsulation	4.89	
02 83 19 13-0171	SF	Drywall Walls, Lead Abatement Encapsulation	2.10	
02 83 19 13-0172	SF	Wood Walls, Lead Abatement Encapsulation	2.58	
02 83 19 13-0173	EA	Window Without Grille, Lead Abatement Encapsulation	108.67	
02 83 19 13-0174	EA	Window With Grille, Lead Abatement Encapsulation	139.66	
02 83 19 13-0175	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	3.32	
02 83 19 13-0176	LF	Steel Lintels, Lead Abatement Encapsulation	3.80	
02 83 33		**Removal and Disposal of Material Containing Lead** *(02 83)*		
02 83 33 13		**Lead-Based Paint Removal and Disposal** *(02 83 33)*		
02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.27	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.27	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.32	
02 84		Polychlorinated Biphenyl Remediation *(02 80)*		
02 84 16		**Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury** *(02 84)*		
02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)* Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	9.25	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)* Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	1.63	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	2.44	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	7.61	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	17.38	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)* Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	4.07	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	6.11	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	11.41	
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	26.08	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)*

Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.

02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	2,230.95
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	3,464.10
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB)	1,055.14
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	4,066.70
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	1,798.84
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	6,348.55

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

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

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

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

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	483.43
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	275.18
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	265.59
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	166.17
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	130.90
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	88.19
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	79.74
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	70.26

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

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	546.06
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	100.91
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	494.11

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

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	268.14
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	367.95
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	499.09

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

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	37.90
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	39.98
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	39.09
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	19.35
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	14.37
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	6.59
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.57

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

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

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	110.33
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	795.71
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	88.07
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	90.03
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	986.08
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	934.75
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,142.23
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	780.74
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	104.28
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	84.56
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	703.73
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,120.84
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,033.14
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,009.61
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,013.89
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	66.64
02 86 00 00-0046	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	663.09
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	77.25
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,078.06
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	637.42
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	913.36
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	609.62

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,052.39	
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	65.66	
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	866.30	
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	129.18	
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	588.23	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,033.14	
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	47.64	
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	114.50	
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	66.95	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	930.47	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,114.42	
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	814.96	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	99.82	
02 86 00 00-0065	EA	20 Gallon, 17E, Open, Steel Drum	45.06	
02 86 00 00-0066	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,093.03	

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

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

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

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	69.26	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	53.17	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	48.28	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	33.73	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	33.09	

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

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

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	87.55	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	64.37	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	61.15	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	45.06	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	38.62	

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

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

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

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	53.04	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	49.69	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	45.32	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	44.80	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	54.59	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	51.50	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	47.64	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	46.09	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	39.91	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	33.99	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	37.08	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	43.26	

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

02 86 00 00-0095	EA	Load Drums On Disposal Truck	10.77	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,166.34	

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

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA	Transport Drum To Landfill Note: Includes transportation for up to 25 miles.	91.94	

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

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0034 for temporary stud walls, 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0001		Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)* Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002		Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)* Note: Diameter is outer size of insulation.		
02 87 13 33-0003		Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)* Note: Excludes encased fittings.		
02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	734.76	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	28.50	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	21.47	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.19	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.24	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	10.70	
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	757.79	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.87	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.78	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.73	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.18	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.40	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	746.27	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	16.54	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	12.50	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	9.46	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	7.35	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	739.88	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	16.42	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	12.38	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	9.34	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	7.09	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	739.88	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	16.42	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	12.38	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	9.34	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	7.09	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	752.68	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	5.49	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	4.35	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.44	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.54	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	746.27	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	22.65	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	17.11	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	12.92	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	9.79	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal *(02 87 13 33)* Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)* Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	752.68	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.46	
		For Each Additional Layer, Add	*1.37*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.05	
		For Each Additional Layer, Add	*0.76*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.77	
		For Each Additional Layer, Add	*0.44*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.38	
		For Each Additional Layer, Add	*0.95*	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	752.68	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	4.53	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.86	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.91	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.47	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	752.68	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	5.10	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.72	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.95	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.28	
02 87 13 33-0070		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	746.27	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	6.27	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.02	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.43	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.56	
02 87 13 33-0076		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0077		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	752.68	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.44	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.82	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.24	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.71	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	752.68	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	6.76	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	4.69	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.17	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.86	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	757.79	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	26.69	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	18.30	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	14.11	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	11.60	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.04	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	6.48	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	376.33	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.06	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.28	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.77	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.34	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)*		
		Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	752.68	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	9.34	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	4.40	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.17	
02 87 13 33-0110	SF	>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.86	
02 87 13 33-0111		Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*		
02 87 13 33-0112	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	182.19	
02 87 13 33-0113	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	3.66	
02 87 13 33-0114	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	2.62	
02 87 13 33-0115	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.98	
02 87 13 33-0116	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.47	
02 87 13 33-0117	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.19	
02 87 13 33-0118	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.03	
02 87 13 33-0119		Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*		
02 87 13 33-0120	CSF	Wipe Down Floors With Mild Bleach Solution	20.22	
		For >25 To 50, Deduct	*-2.02*	
		For >50 To 200, Deduct	*-5.05*	
		For >200, Deduct	*-8.08*	
02 87 13 33-0121	CSF	Wipe Down Walls With Mild Bleach Solution	23.78	
		For >25 To 50, Deduct	*-2.38*	
		For >50 To 200, Deduct	*-5.94*	
		For >200, Deduct	*-9.50*	
02 87 13 33-0122	CSF	Wipe Down Ceilings With Mild Bleach Solution	27.04	
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 200, Deduct	*-6.76*	
		For >200, Deduct	*-10.81*	
02 87 13 33-0123	CSF	Wipe Down Countertops With Mild Bleach Solution	22.05	
		For >25 To 50, Deduct	*-2.20*	
02 87 13 33-0124	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	27.99	
		For >25 To 50, Deduct	*-2.80*	
		For >50 To 200, Deduct	*-6.99*	
		For >200, Deduct	*-11.19*	
02 87 13 33-0125		Cabinets *(02 87 13 33-0098)*		
02 87 13 33-0126	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	794.21	
02 87 13 33-0127	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	83.81	
02 87 13 33-0128	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	61.87	
02 87 13 33-0129	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	748.15	
02 87 13 33-0130	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	70.43	
02 87 13 33-0131	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	48.49	

02 87 16 Excrement Removal *(02 87)*

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

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

02 87 16 13-0001		Bird Waste Removal *(02 87 16 13)*		
		Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.		
02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	727.08	
		For Work In Restricted Working Space, Add	*218.12*	
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	12.12	
		For Work In Restricted Working Space, Add	*3.64*	
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	11.02	
		For Work In Restricted Working Space, Add	*3.31*	
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	10.02	
		For Work In Restricted Working Space, Add	*3.01*	
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	9.10	
		For Work In Restricted Working Space, Add	*2.73*	

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0001		**Temporary Barriers** *(02 87 19)*		
02 87 19 00-0002		**Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)* Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	960.50	
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	911.71	
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	716.57	
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	830.40	
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	439.59	
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	472.12	
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,472.75	
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) Note: Includes a hydraulic closer and a lever style lockset standard.	1,635.37	
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,960.61	
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	320.29	
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	263.37	
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	263.37	
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	17.28	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	452.06	
02 87 19 00-0017		**Temporary Sheeting For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)* Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.49	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.64	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.85	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.59	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.74	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.95	
02 87 19 00-0024		**Temporary Floor Protection For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.56	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.67	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.98	
02 87 19 00-0028		**Temporary Stud Wall For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	5.86	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	7.93	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.01	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.22	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.66	
02 87 19 00-0034		**Isolation Barriers For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)*		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	22.23	
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.43	
02 87 19 00-0037		**Plexiglass Barriers For Bio-Hazard And Infectious Disease Control** *(02 87 19 00-0001)*		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	19.62	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	23.40	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	33.25	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control Note: Excludes gloves.	1,361.47	
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	488.45	
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	782.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease	136.15	
		Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045		Temporary Portable And Mobile Trailers *(02 87 19)*		
02 87 19 00-0046		Trailer Delivery *(02 87 19 00-0045)*		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,159.99	
02 87 19 00-0048		Portable And Mobile Trailers, Purchase *(02 87 19 00-0045)*		
		Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049	EA	8' x 24' Mobile Trailer With Toilet, Purchase	12,100.31	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0050	EA	8' x 32' Mobile Trailer With Toilet, Purchase	17,095.20	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0051	EA	10' x 36' Mobile Trailer With Toilet, Purchase	24,394.50	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0052	EA	10' x 44' Mobile Trailer With Toilet, Purchase	30,485.72	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0053	EA	10' x 50' Mobile Trailer With Toilet, Purchase	34,660.10	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0054	EA	12' x 50' Mobile Trailer With Toilet, Purchase	36,435.72	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase	40,542.05	
		For Tie-Downs, Add	*120.42*	
02 87 19 00-0056		Accessories For Portable And Mobile Trailers *(02 87 19 00-0045)*		
02 87 19 00-0057		Skirting *(02 87 19 00-0056)*		
		Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	4.66	1.60
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	6.75	2.63
02 87 19 00-0060		Aluminum Modular Access Ramp *(02 87 19 00-0056)*		
		Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	3,508.72	30.56
02 87 19 00-0062		Aluminum Modular Stairs *(02 87 19 00-0056)*		
		Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	971.83	
02 87 19 00-0064		Decontamination Chambers For Bio-Hazard And Infectious Disease Control *(02 87 19)*		
		Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	895.77	
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,054.81	
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	538.99	
02 87 19 00-0068		Bio-Hazard And Infectious Disease Control Cleaning, Level 2 *(02 87 19)*		
		Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		Bio-Hazard And Infectious Disease Control Cleaning Mobilization *(02 87 19 00-0068)*		
02 87 19 00-0070	EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up Note: Mobilization and set-up minimum for each site location.	319.70	
02 87 19 00-0071		Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces *(02 87 19 00-0068)*		
		Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	23.71	
		For >25 To 50, Deduct	*-2.37*	
		For >50 To 200, Deduct	*-4.74*	
		For >200, Deduct	*-7.10*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.54*	
		For Level 1 Biohazard Cleaning, Deduct	*-4.74*	
		For Level 3 Biohazard Cleaning, Add	*7.81*	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.89	
		For >25 To 50, Deduct	*-2.79*	
		For >50 To 200, Deduct	*-5.57*	
		For >200, Deduct	*-8.36*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.54*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.57*	
		For Level 3 Biohazard Cleaning, Add	*9.19*	
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.72	
		For >25 To 50, Deduct	*-3.17*	
		For >50 To 200, Deduct	*-6.34*	
		For >200, Deduct	*-9.51*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.54*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.34*	
		For Level 3 Biohazard Cleaning, Add	*10.46*	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	25.87	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.54*	
		For >5 To 10, Deduct	*-1.29*	
		For >10 To 50, Deduct	*-2.58*	
		For >50, Deduct	*-5.17*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.17*	
		For Level 3 Biohazard Cleaning, Add	*8.53*	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.82	
		For >25 To 50, Deduct	*-3.28*	
		For >50 To 200, Deduct	*-6.56*	
		For >200, Deduct	*-9.84*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.54*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.56*	
		For Level 3 Biohazard Cleaning, Add	*10.82*	

02 87 19 00-0077 Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials *(02 87 19 00-0068)*

Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect

02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	61.27	
		For Level 1 Biohazard Cleaning, Deduct	*-12.25*	
		For Level 3 Biohazard Cleaning, Add	*20.21*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.77*	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.12	
		For Level 1 Biohazard Cleaning, Deduct	*-5.62*	
		For Level 3 Biohazard Cleaning, Add	*9.27*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*4.51*	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	98.69	
		For Level 1 Biohazard Cleaning, Deduct	*-19.73*	
		For Level 3 Biohazard Cleaning, Add	*32.56*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.77*	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	6.09	
		For Level 1 Biohazard Cleaning, Deduct	*-1.21*	
		For Level 3 Biohazard Cleaning, Add	*2.00*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.35*	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	90.98	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	*-18.19*	
		For Level 3 Biohazard Cleaning, Add	*30.01*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.77*	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	9.73	
		For Level 1 Biohazard Cleaning, Deduct	*-1.94*	
		For Level 3 Biohazard Cleaning, Add	*3.20*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.35*	

02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork *(02 87 19 00-0068)*

02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	3.58	
		For Level 1 Biohazard Cleaning, Deduct	*-0.71*	
		For Level 3 Biohazard Cleaning, Add	*1.17*	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.50	
		For Level 1 Biohazard Cleaning, Deduct	*-0.89*	
		For Level 3 Biohazard Cleaning, Add	*1.47*	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	6.03	
		For Level 1 Biohazard Cleaning, Deduct	*-1.18*	
		For Level 3 Biohazard Cleaning, Add	*1.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	8.54	
		For Level 1 Biohazard Cleaning, Deduct	*-1.66*	
		For Level 3 Biohazard Cleaning, Add	*2.75*	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	159.88	
		For Level 1 Biohazard Cleaning, Deduct	*-31.97*	
		For Level 3 Biohazard Cleaning, Add	*52.75*	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	11.13	
		For Level 1 Biohazard Cleaning, Deduct	*-2.22*	
		For Level 3 Biohazard Cleaning, Add	*3.66*	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	106.60	
		For Level 1 Biohazard Cleaning, Deduct	*-21.31*	
		For Level 3 Biohazard Cleaning, Add	*35.17*	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	319.73	
		For Level 1 Biohazard Cleaning, Deduct	*-63.94*	
		For Level 3 Biohazard Cleaning, Add	*105.50*	
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning Note: Includes removal and reinstallation.	26.67	
		For Level 1 Biohazard Cleaning, Deduct	*-5.33*	
		For Level 3 Biohazard Cleaning, Add	*8.79*	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.49	
		For Level 1 Biohazard Cleaning, Deduct	*-0.09*	
		For Level 3 Biohazard Cleaning, Add	*0.14*	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.57	
		For Level 1 Biohazard Cleaning, Deduct	*-0.09*	
		For Level 3 Biohazard Cleaning, Add	*0.14*	

02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental *(02 87 19)*

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

02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	143.78	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	612.38	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,714.65	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	145.14	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	399.13	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	1,088.54	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	45.78	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	125.90	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	343.37	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	81.38	
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	334.24	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	1,009.97	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up Note: Required if over 800 hours operation.	175.72	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	456.33	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	912.66	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,825.32	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	608.44	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,216.88	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,433.76	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	911.32	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,822.64	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,645.29	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,215.10	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,430.19	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	4,860.39	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,518.87	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,037.74	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	6,075.48	
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	97.19	
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	194.38	
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	583.14	
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,166.28	
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,943.80	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	99.78	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	274.41	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	748.38	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0133		**Bio-Hazard And Infectious Disease Control Hauling By Truck** *(02 87 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	97.37	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.22*	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up Note: Each first 15 miles per trip	165.26	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.07*	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	170.84	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.14*	
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	168.53	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.11*	
02 87 19 00-0138		**Bio-Hazard And Infectious Disease Control Disposal** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	41.46	
02 87 19 00-0140		**BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters** *(02 87 19)* Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	41,818.35	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,020.15	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	6,651.72	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	6.17	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	1,825.76	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	29,903.58	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,042.32	
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5) Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	47,067.75	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	281.89	
02 87 19 00-0150	EA	10 Lbs Sledgehammer (AKS-AA268)	86.68	
02 87 19 00-0151		**Bio-Hazard And Infectious Disease Time And Material Tasks** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0152		**Bio-Hazard And Infectious Disease Control Labor** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	98.32	
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	110.34	
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	101.25	
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	121.74	
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	133.89	
02 87 19 00-0158		**Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	15.16	
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	24.81	
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	16.08	
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	116.97	
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	52.95	
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	356.87	
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	48.79	
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	88.63	
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	27.47	
02 87 19 00-0168	EA	Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	23.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (AfI), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	2,385.39	

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

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0034 for temporary walls.

02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up	11.82	
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	3.92	
02 87 19 00-0173	GAL	Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up	115.78	
02 87 19 00-0174	GAL	Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	325.04	
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	12.27	
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	5.78	
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	15.07	
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	71.02	
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	60.74	
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	8.95	
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	18.08	
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	186.97	

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

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

Note: Includes removal and disposal after use.

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

See CSI section 01 56 16 00-0034 for temporary stud walls.

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

02 89 00 00-0004	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.45
02 89 00 00-0005	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.59
02 89 00 00-0006	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.78
02 89 00 00-0007	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction	0.58
02 89 00 00-0008	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.72
02 89 00 00-0009	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.93

02 89 00 00-0010 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0011	EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	883.23
02 89 00 00-0012	EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,039.74
02 89 00 00-0013	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	528.96
		For Dismantling And Relocation To A Different Area, Add	*321.75*

02 90 Disaster Recovery *(02)*

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

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

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

Note: For materials not requiring mold abatement.

02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up	24.25
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up	5.90
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up	0.49
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.59
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.57
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.90

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

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

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

02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Disaster Clean-up	27.80
		For Medium Clean, Add	*11.68*
		For Heavy Clean, Add	*36.14*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.55	
		For Medium Clean, Add	*0.65*	
		For Heavy Clean, Add	*2.02*	
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.78	
		For Medium Clean, Add	*1.17*	
		For Heavy Clean, Add	*3.61*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.03	
		For Medium Clean, Add	*3.37*	
		For Heavy Clean, Add	*10.44*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	25.95	
		For Medium Clean, Add	*10.90*	
		For Heavy Clean, Add	*33.74*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	159.98	
		For Medium Clean, Add	*67.19*	
		For Heavy Clean, Add	*207.97*	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	32.74	
		For Medium Clean, Add	*13.75*	
		For Heavy Clean, Add	*42.56*	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	30.89	
		For Medium Clean, Add	*12.97*	
		For Heavy Clean, Add	*40.16*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.77	
		For Medium Clean, Add	*2.84*	
		For Heavy Clean, Add	*8.80*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.66	
		For Medium Clean, Add	*3.64*	
		For Heavy Clean, Add	*11.26*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.11	
		For Medium Clean, Add	*2.99*	
		For Heavy Clean, Add	*9.24*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	13.90	
		For Medium Clean, Add	*5.84*	
		For Heavy Clean, Add	*18.07*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.11	
		For Medium Clean, Add	*2.99*	
		For Heavy Clean, Add	*9.24*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.35	
		For Medium Clean, Add	*5.19*	
		For Heavy Clean, Add	*16.06*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	2.96	
		For Medium Clean, Add	*1.24*	
		For Heavy Clean, Add	*3.85*	

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

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.40	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.52*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.25	
		For Medium Clean, Add	*2.21*	
		For Heavy Clean, Add	*6.83*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.95	
		For Medium Clean, Add	*2.50*	
		For Heavy Clean, Add	*7.74*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.42	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.55*	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.31	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.40*	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.91	
		For Medium Clean, Add	*0.38*	
		For Heavy Clean, Add	*1.18*	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.81	
		For Medium Clean, Add	*0.34*	
		For Heavy Clean, Add	*1.05*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.44	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.57*	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.36	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.47*	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.37	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.48*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.28	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.36*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.31	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.40*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.19	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.25*	
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	65.15	
		For Medium Clean, Add	*27.36*	
		For Heavy Clean, Add	*84.70*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	81.43	
		For Medium Clean, Add	*34.20*	
		For Heavy Clean, Add	*105.86*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	97.71	
		For Medium Clean, Add	*41.04*	
		For Heavy Clean, Add	*127.02*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	114.00	
		For Medium Clean, Add	*47.88*	
		For Heavy Clean, Add	*148.20*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up	0.71	
		For Medium Clean, Add	*0.30*	
		For Heavy Clean, Add	*0.92*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.45	
		For Medium Clean, Add	*0.61*	
		For Heavy Clean, Add	*1.89*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.67	
		For Medium Clean, Add	*0.70*	
		For Heavy Clean, Add	*2.17*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.52	
		For Medium Clean, Add	*0.64*	
		For Heavy Clean, Add	*1.98*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.75	
		For Medium Clean, Add	*0.74*	
		For Heavy Clean, Add	*2.28*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.86	
		For Medium Clean, Add	*0.78*	
		For Heavy Clean, Add	*2.42*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.14	
		For Medium Clean, Add	*0.90*	
		For Heavy Clean, Add	*2.78*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up	12.80	
		For Medium Clean, Add	*5.38*	
		For Heavy Clean, Add	*16.64*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up	30.15	
		For Medium Clean, Add	*12.66*	
		For Heavy Clean, Add	*39.20*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up	26.06	
		For Medium Clean, Add	*10.95*	
		For Heavy Clean, Add	*33.88*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up	18.54	
		For Medium Clean, Add	*7.79*	
		For Heavy Clean, Add	*24.10*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up	18.72	
		For Medium Clean, Add	*7.86*	
		For Heavy Clean, Add	*24.34*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up	8.59	
		For Medium Clean, Add	*3.61*	
		For Heavy Clean, Add	*11.17*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up	5.53	
		For Medium Clean, Add	*2.32*	
		For Heavy Clean, Add	*7.19*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	15.45	
		For Medium Clean, Add	*6.49*	
		For Heavy Clean, Add	*20.09*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	59.30	
		For Medium Clean, Add	*24.91*	
		For Heavy Clean, Add	*77.09*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up	5.56	
		For Medium Clean, Add	*2.34*	
		For Heavy Clean, Add	*7.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	38.51	
		For Medium Clean, Add	*16.17*	
		For Heavy Clean, Add	*50.06*	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	34.29	
		For Medium Clean, Add	*14.40*	
		For Heavy Clean, Add	*44.58*	
02 90 50 00-0068		**Clean Electrical** *(02 90 50 00-0008)*		
02 90 50 00-0069	EA	Electric Fan, Light Clean For Disaster Clean-up	22.86	
		For Medium Clean, Add	*9.60*	
		For Heavy Clean, Add	*29.72*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Disaster Clean-up	24.71	
		For Medium Clean, Add	*10.38*	
		For Heavy Clean, Add	*32.12*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Disaster Clean-up	32.12	
		For Medium Clean, Add	*13.49*	
		For Heavy Clean, Add	*41.76*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	22.54	
		For Medium Clean, Add	*9.47*	
		For Heavy Clean, Add	*29.30*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Disaster Clean-up	14.83	
		For Medium Clean, Add	*6.23*	
		For Heavy Clean, Add	*19.28*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Disaster Clean-up	6.79	
		For Medium Clean, Add	*2.85*	
		For Heavy Clean, Add	*8.83*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Disaster Clean-up	5.25	
		For Medium Clean, Add	*2.21*	
		For Heavy Clean, Add	*6.83*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Disaster Clean-up	1.85	
		For Medium Clean, Add	*0.78*	
		For Heavy Clean, Add	*2.41*	
02 90 50 00-0077		**Thermal Fog** *(02 90 50 00-0008)*		
02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	
02 90 50 00-0079		**Contents Manipulation** *(02 90 50)*		
02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.24	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Disaster Clean-up	0.29	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Disaster Clean-up	0.49	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Disaster Clean-up	202.52	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Disaster Clean-up	268.58	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	143.67	
02 90 50 00-0086		**Water Disaster Clean-up** *(02 90 50)*		
02 90 50 00-0087	LF	Detach Baseboard For Disaster Clean-up	0.67	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Disaster Clean-up	1.19	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.36	
02 90 50 00-0090	SF	Water Extraction From Floor For Disaster Clean-up	0.45	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Disaster Clean-up	0.73	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Disaster Clean-up	1.16	
02 90 50 00-0093	SF	Tear Out Wet Non Salvageable Carpet For Disaster Clean-up	0.36	
02 90 50 00-0094	SF	Tear Out Wet Non Salvageable Carpet, Black Water For Disaster Clean-up	0.43	
02 90 50 00-0095	SF	Tear Out Wet Non Salvageable Glue Down Carpet For Disaster Clean-up	0.64	
02 90 50 00-0096	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.94	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Disaster Clean-up	0.89	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.30	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.38	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Disaster Clean-up	1.66	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.44	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF	Apply Antimicrobial Agent For Disaster Clean-up	0.27	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.35	
02 90 50 00-0107		**Board Up And Tarp Up** *(02 90 50)*		
02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up	0.28	
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	2.21	
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	2.45	
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	2.72	
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.58	
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.82	
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	3.09	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0115		**Minimum Charges** *(02 90 50)*		
02 90 50 00-0116	EA	Disaster Cleaning Minimum Charge	1,302.43	
02 90 50 00-0117	EA	Disaster Water Extraction Minimum Charge	280.21	
02 90 50 00-0118	EA	Disaster Carpet Cleaning Minimum Charge	260.76	
02 90 50 00-0119		**Document Restoration** *(02 90 50)*		
02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	134.66	
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration	67.32	
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	8.48	
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	9.35	
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration	21.51	
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	5.42	
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	13.47	
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	13.47	
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration	403.96	
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	53.85	
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	5.41	
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	3.79	
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	117.29	
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	3.79	
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	3.79	
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	4.70	
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	175.78	
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	4.70	
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	4.70	
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	6.67	
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	234.55	
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	6.67	
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	6.67	
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	9.35	
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	9.35	
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	9.35	
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	293.13	
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	10.36	
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	439.83	
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	10.36	
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	10.36	
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	3.68	
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.85	
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	134.66	
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	188.53	
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	3.68	
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.85	
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	5.41	
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	13.47	
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	53.85	
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration	5.02	
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.29	
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.37	
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.49	
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.46	
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	9.26	
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	18.88	
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	71.96	
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	19.64	
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	242.38	
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	188.53	
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	161.58	
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	215.45	
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	403.96	
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	247.81	
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	53.85	
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	6.74	
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	13.47	
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	122.09	
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	104.65	
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	2,877.76	
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	26.16	
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,212.15	
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	225.98	
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	13.47	
02 90 50 00-0185	CF	Ozoning For Document Restoration	8.32	
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	10.53	
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.13	
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	29.28	

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

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0001		**Emergency Clean-up** *(02 90 55)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0002		**Emergency Clean-up Labor** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0003	HR	Skilled Tradesman For Emergency Clean Up	60.72	
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Clean Up	42.50	
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Clean Up	58.44	
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Clean Up	95.63	
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Clean Up	79.70	
02 90 55 00-0008	HR	Senior Project Manager For Emergency Clean Up	111.57	
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	159.39	
02 90 55 00-0010	HR	Equipment Technician For Emergency Clean Up	116.89	
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Clean Up	58.19	
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Clean Up	79.70	
02 90 55 00-0013	HR	Administrative Personnel For Emergency Clean Up	37.19	
02 90 55 00-0014	HR	Project Accountant For Emergency Clean Up	60.72	
02 90 55 00-0015	HR	Biohazard Technician For Emergency Clean Up	84.38	
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Clean Up	101.45	
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Clean Up	91.08	
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Clean Up	65.78	
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Clean Up	63.76	
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Clean Up	52.62	
02 90 55 00-0021	HR	Mobilzation Support For Emergency Clean Up	32.38	
02 90 55 00-0022		**Emergency Clean-up Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0023		**General Emergency Clean-up Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	143.78	
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	548.48	
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,501.65	
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	54.94	
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	154.28	
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	425.91	
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	106.48	
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	271.62	
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	641.04	
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	586.71	
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	1,575.42	
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	4,389.46	
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	1,325.53	
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	3,498.53	
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	9,430.82	
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	95.61	
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	271.62	
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	934.39	
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	89.09	
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	239.03	
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	619.30	
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	142.55	
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	406.79	
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	1,136.91	
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	894.86	
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,684.58	
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,053.75	
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	104.30	
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	234.68	
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	625.82	
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	130.38	
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	293.36	
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	782.28	
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	97.78	
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	139.07	
02 90 55 00-0059	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	380.28	
02 90 55 00-0060	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	1,064.77	
02 90 55 00-0061	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	169.49	
02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	575.84	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	1,097.36	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	155.66	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	428.07	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	1,167.46	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up	54.32	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	32.60	
02 90 55 00-0069	DAY	Demolition Cart, 7 Yard For Emergency Clean-up	82.41	
02 90 55 00-0070	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	162.98	
02 90 55 00-0071	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,759.89	
02 90 55 00-0072	DAY	Fogger - Mist For Emergency Clean-up	45.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0073	WK	Fogger - Mist For Emergency Clean-up	125.90	
02 90 55 00-0074	MO	Fogger - Mist For Emergency Clean-up	343.37	
02 90 55 00-0075	DAY	Fogger - Electric Thermal For Emergency Clean-up	65.93	
02 90 55 00-0076	WK	Fogger - Electric Thermal For Emergency Clean-up	181.30	
02 90 55 00-0077	MO	Fogger - Electric Thermal For Emergency Clean-up	494.45	
02 90 55 00-0078	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	177.09	
02 90 55 00-0079	WK	Fogger - Gas Power Thermal For Emergency Clean-up	487.01	
02 90 55 00-0080	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,328.20	
02 90 55 00-0081	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	218.01	
02 90 55 00-0082	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	599.53	
02 90 55 00-0083	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,635.09	
02 90 55 00-0084	DAY	Hand Trucks/Dollies For Emergency Clean-up	26.08	
02 90 55 00-0085	WK	Hand Trucks/Dollies For Emergency Clean-up	71.71	
02 90 55 00-0086	MO	Hand Trucks/Dollies For Emergency Clean-up	195.57	
02 90 55 00-0087	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	135.58	
02 90 55 00-0088	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	372.86	
02 90 55 00-0089	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,016.89	
02 90 55 00-0090	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	191.85	
02 90 55 00-0091	DAY	Ladder For Emergency Clean-up	36.94	
02 90 55 00-0092	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	32.96	
02 90 55 00-0093	DAY	Lights - Wobble For Emergency Clean-up	40.29	
02 90 55 00-0094	DAY	Moisture Meter For Emergency Clean-up	54.94	
02 90 55 00-0095	WK	Moisture Meter For Emergency Clean-up	151.08	
02 90 55 00-0096	MO	Moisture Meter For Emergency Clean-up	412.04	
02 90 55 00-0097	DAY	Nail Gun For Emergency Clean-up	97.78	
02 90 55 00-0098	WK	Nail Gun For Emergency Clean-up	268.91	
02 90 55 00-0099	MO	Nail Gun For Emergency Clean-up	733.39	
02 90 55 00-0100	DAY	Ozone Generator For Emergency Clean-up	228.91	
02 90 55 00-0101	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	130.38	
02 90 55 00-0102	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	183.13	
02 90 55 00-0103	DAY	Pressure Washer, Hot For Emergency Clean-up	274.70	
02 90 55 00-0104	DAY	Pressure Washer, Cold For Emergency Clean-up	183.13	
02 90 55 00-0105	DAY	Scaffolding - Per Section For Emergency Clean-up	141.24	
02 90 55 00-0106	DAY	Small Tools - Tool Box For Emergency Clean-up	54.32	
02 90 55 00-0107	DAY	Soda Blasting Equipment For Emergency Clean-up	1,746.33	
02 90 55 00-0108	DAY	Sprayer - Hudson For Emergency Clean-up	17.38	
02 90 55 00-0109	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	147.34	
02 90 55 00-0110	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	345.51	
02 90 55 00-0111	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	1,182.59	
02 90 55 00-0112	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	231.55	
02 90 55 00-0113	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	545.81	
02 90 55 00-0114	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,521.66	
02 90 55 00-0115	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	248.09	
02 90 55 00-0116	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	620.24	
02 90 55 00-0117	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,670.52	
02 90 55 00-0118	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.22	
02 90 55 00-0119	DAY	Submersible Pump For Emergency Clean-up	45.78	
02 90 55 00-0120	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	251.28	
02 90 55 00-0121	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	124.74	
02 90 55 00-0122	DAY	Vehicle, Van For Emergency Clean-up	203.38	
02 90 55 00-0123	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	245.96	
02 90 55 00-0124	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	270.27	
02 90 55 00-0125	DAY	Utility Trailer For Emergency Clean-up Note: Includes Mileage	225.07	
02 90 55 00-0126	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,015.08	
02 90 55 00-0127	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	45.78	
02 90 55 00-0128	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	125.90	
02 90 55 00-0129	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	343.37	
02 90 55 00-0130	DAY	Vacuum - Shop Vacuum For Emergency Clean-up	45.78	
02 90 55 00-0131	DAY	Vacuum - Commercial For Emergency Clean-up	137.35	
02 90 55 00-0132	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	155.66	
02 90 55 00-0133	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	428.07	
02 90 55 00-0134	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,167.46	
02 90 55 00-0135	DAY	Vacuum - Upright For Emergency Clean-up	29.83	
02 90 55 00-0136	WK	Vacuum - Upright For Emergency Clean-up	82.03	
02 90 55 00-0137	MO	Vacuum - Upright For Emergency Clean-up	223.72	
02 90 55 00-0138	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	45.78	
02 90 55 00-0139	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	125.90	
02 90 55 00-0140	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	343.37	
02 90 55 00-0141	DAY	10' x 10' Canopy For Emergency Clean-up	136.90	
02 90 55 00-0142	WK	10' x 10' Canopy For Emergency Clean-up	273.80	
02 90 55 00-0143	MO	10' x 10' Canopy For Emergency Clean-up	547.60	
02 90 55 00-0144	DAY	10' x 20' Canopy For Emergency Clean-up	273.80	
02 90 55 00-0145	WK	10' x 20' Canopy For Emergency Clean-up	547.60	
02 90 55 00-0146	MO	10' x 20' Canopy For Emergency Clean-up	1,095.19	
02 90 55 00-0147	DAY	16' x 16' Canopy For Emergency Clean-up	343.33	
02 90 55 00-0148	WK	16' x 16' Canopy For Emergency Clean-up	686.67	
02 90 55 00-0149	MO	16' x 16' Canopy For Emergency Clean-up	1,373.34	
02 90 55 00-0150	DAY	20' x 20' Canopy For Emergency Clean-up	456.33	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0151	WK	20' x 20' Canopy For Emergency Clean-up	912.66	
02 90 55 00-0152	MO	20' x 20' Canopy For Emergency Clean-up	1,825.32	
02 90 55 00-0153	DAY	20' x 30' Canopy For Emergency Clean-up	521.52	
02 90 55 00-0154	WK	20' x 30' Canopy For Emergency Clean-up	1,043.04	
02 90 55 00-0155	MO	20' x 30' Canopy For Emergency Clean-up	2,086.08	
02 90 55 00-0156	DAY	20' x 40' Canopy For Emergency Clean-up	608.44	
02 90 55 00-0157	WK	20' x 40' Canopy For Emergency Clean-up	1,216.88	
02 90 55 00-0158	MO	20' x 40' Canopy For Emergency Clean-up	2,433.76	
02 90 55 00-0159	DAY	First Aid Station For Emergency Clean-up	328.56	
02 90 55 00-0160	WK	First Aid Station For Emergency Clean-up	903.53	
02 90 55 00-0161	MO	First Aid Station For Emergency Clean-up	2,464.18	
02 90 55 00-0162	DAY	Portable Eyewash Station For Emergency Clean-up	99.78	
02 90 55 00-0163	WK	Portable Eyewash Station For Emergency Clean-up	274.41	
02 90 55 00-0164	MO	Portable Eyewash Station For Emergency Clean-up	748.38	
02 90 55 00-0165	DAY	2 Way Radio For Emergency Clean-up	36.63	

02 90 55 00-0166 Technical/Electronics Restoration Equipment *(02 90 55 00-0022)*

02 90 55 00-0167	DAY	Computer - Diagnostic For Emergency Clean-up	54.32	
02 90 55 00-0168	WK	Computer - Diagnostic For Emergency Clean-up	149.39	
02 90 55 00-0169	MO	Computer - Diagnostic For Emergency Clean-up	407.44	
02 90 55 00-0170	DAY	Convection Oven - Large For Emergency Clean-up	789.10	
02 90 55 00-0171	WK	Convection Oven - Large For Emergency Clean-up	2,170.04	
02 90 55 00-0172	MO	Convection Oven - Large For Emergency Clean-up	5,918.29	
02 90 55 00-0173	DAY	Convection Oven - Small For Emergency Clean-up	195.57	
02 90 55 00-0174	WK	Convection Oven - Small For Emergency Clean-up	537.82	
02 90 55 00-0175	MO	Convection Oven - Small For Emergency Clean-up	1,466.78	
02 90 55 00-0176	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,126.26	
02 90 55 00-0177	WK	Convection Oven - Vacuum For Emergency Clean-up	3,097.21	
02 90 55 00-0178	MO	Convection Oven - Vacuum For Emergency Clean-up	8,446.95	
02 90 55 00-0179	DAY	Decontamination Booth For Emergency Clean-up	931.02	
02 90 55 00-0180	WK	Decontamination Booth For Emergency Clean-up	2,560.30	
02 90 55 00-0181	MO	Decontamination Booth For Emergency Clean-up	6,982.63	
02 90 55 00-0182	DAY	DI Water System For Emergency Clean-up	72.31	
02 90 55 00-0183	WK	DI Water System For Emergency Clean-up	198.86	
02 90 55 00-0184	MO	DI Water System For Emergency Clean-up	542.34	
02 90 55 00-0185	DAY	ESD Bench Workstation For Emergency Clean-up	44.29	
02 90 55 00-0186	WK	ESD Bench Workstation For Emergency Clean-up	121.80	
02 90 55 00-0187	MO	ESD Bench Workstation For Emergency Clean-up	332.18	
02 90 55 00-0188	DAY	Heater/Enclosure Control System For Emergency Clean-up	32.60	
02 90 55 00-0189	WK	Heater/Enclosure Control System For Emergency Clean-up	89.64	
02 90 55 00-0190	MO	Heater/Enclosure Control System For Emergency Clean-up	244.46	
02 90 55 00-0191	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	113.89	
02 90 55 00-0192	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	313.20	
02 90 55 00-0193	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	854.19	
02 90 55 00-0194	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	488.92	
02 90 55 00-0195	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,344.54	
02 90 55 00-0196	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	3,666.94	
02 90 55 00-0197	DAY	Mobile Laboratory For Emergency Clean-up	1,358.12	
02 90 55 00-0198	WK	Mobile Laboratory For Emergency Clean-up	3,734.84	
02 90 55 00-0199	MO	Mobile Laboratory For Emergency Clean-up	10,185.94	
02 90 55 00-0200	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	26.08	
02 90 55 00-0201	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	71.71	
02 90 55 00-0202	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	195.57	
02 90 55 00-0203	DAY	Odell Cleaning Station For Emergency Clean-up	760.55	
02 90 55 00-0204	WK	Odell Cleaning Station For Emergency Clean-up	2,091.51	
02 90 55 00-0205	MO	Odell Cleaning Station For Emergency Clean-up	5,704.12	
02 90 55 00-0206	DAY	Parts Washer For Emergency Clean-up	54.32	
02 90 55 00-0207	WK	Parts Washer For Emergency Clean-up	149.39	
02 90 55 00-0208	MO	Parts Washer For Emergency Clean-up	407.44	
02 90 55 00-0209	DAY	Ultrasonic Cleaning System For Emergency Clean-up	338.96	
02 90 55 00-0210	WK	Ultrasonic Cleaning System For Emergency Clean-up	932.15	
02 90 55 00-0211	MO	Ultrasonic Cleaning System For Emergency Clean-up	2,542.22	
02 90 55 00-0212	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	145.14	
02 90 55 00-0213	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	399.13	
02 90 55 00-0214	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,088.54	

02 90 55 00-0215 Drying/Dehumidification Equipment *(02 90 55 00-0022)*

02 90 55 00-0216	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	228.91	
02 90 55 00-0217	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	629.51	
02 90 55 00-0218	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,716.85	
02 90 55 00-0219	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	53.41	
02 90 55 00-0220	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	146.87	
02 90 55 00-0221	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	400.57	
02 90 55 00-0222	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	89.02	
02 90 55 00-0223	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	244.79	
02 90 55 00-0224	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	667.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0225	DAY	Injectidry System For Emergency Clean-up	283.85	
02 90 55 00-0226	WK	Injectidry System For Emergency Clean-up	780.59	
02 90 55 00-0227	MO	Injectidry System For Emergency Clean-up	2,128.89	
02 90 55 00-0228	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	183.13	
02 90 55 00-0229	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	503.61	
02 90 55 00-0230	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,373.48	
02 90 55 00-0231	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	271.62	
02 90 55 00-0232	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	746.97	
02 90 55 00-0233	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	2,037.19	
02 90 55 00-0234	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	252.89	
02 90 55 00-0235	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	695.46	
02 90 55 00-0236	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,896.71	
02 90 55 00-0237	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	270.34	
02 90 55 00-0238	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	743.42	
02 90 55 00-0239	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	2,027.52	
02 90 55 00-0240	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	270.34	
02 90 55 00-0241	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	743.42	
02 90 55 00-0242	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	2,027.52	
02 90 55 00-0243	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	305.22	
02 90 55 00-0244	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	839.35	
02 90 55 00-0245	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	2,299.13	
02 90 55 00-0246	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	640.96	
02 90 55 00-0247	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,762.63	
02 90 55 00-0248	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	4,807.18	
02 90 55 00-0249	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,098.78	
02 90 55 00-0250	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	3,021.65	
02 90 55 00-0251	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	8,240.87	
02 90 55 00-0252	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,691.78	
02 90 55 00-0253	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	4,652.39	
02 90 55 00-0254	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	12,688.33	
02 90 55 00-0255	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,691.78	
02 90 55 00-0256	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	4,652.39	
02 90 55 00-0257	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	12,688.33	
02 90 55 00-0258	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,766.77	
02 90 55 00-0259	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	4,858.63	
02 90 55 00-0260	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	13,250.80	
02 90 55 00-0261	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	2,197.57	
02 90 55 00-0262	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	6,043.31	
02 90 55 00-0263	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	16,481.74	
02 90 55 00-0264	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	2,472.26	
02 90 55 00-0265	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	6,798.72	
02 90 55 00-0266	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	18,541.96	
02 90 55 00-0267	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,655.39	
02 90 55 00-0268	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	7,302.33	
02 90 55 00-0269	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	19,915.44	
02 90 55 00-0270	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	3,488.20	
02 90 55 00-0271	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	9,592.55	
02 90 55 00-0272	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	26,161.50	
02 90 55 00-0273	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	3,662.61	
02 90 55 00-0274	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	10,072.18	
02 90 55 00-0275	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	27,469.58	
02 90 55 00-0276	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	595.17	
02 90 55 00-0277	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,636.73	
02 90 55 00-0278	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,463.81	
02 90 55 00-0279	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	824.09	
02 90 55 00-0280	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,266.24	
02 90 55 00-0281	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,180.65	
02 90 55 00-0282	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,098.78	
02 90 55 00-0283	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,021.65	
02 90 55 00-0284	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	8,240.87	
02 90 55 00-0285	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,465.04	
02 90 55 00-0286	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,028.87	
02 90 55 00-0287	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	10,987.83	
02 90 55 00-0288	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,472.26	
02 90 55 00-0289	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,798.72	
02 90 55 00-0290	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	18,541.96	
02 90 55 00-0291	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,746.96	
02 90 55 00-0292	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	7,554.13	
02 90 55 00-0293	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	20,602.18	
02 90 55 00-0294	DAY	25' Flex Duct For Emergency Clean-up	36.63	
02 90 55 00-0295	WK	25' Flex Duct For Emergency Clean-up	100.72	
02 90 55 00-0296	MO	25' Flex Duct For Emergency Clean-up	274.70	
02 90 55 00-0297	DAY	Hygrothermograph For Emergency Clean-up	54.32	
02 90 55 00-0298	WK	Hygrothermograph For Emergency Clean-up	149.39	
02 90 55 00-0299	MO	Hygrothermograph For Emergency Clean-up	407.44	
02 90 55 00-0300	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	8,608.69	
02 90 55 00-0301	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	23,673.89	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0302	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	64,565.16	
02 90 55 00-0303		**Power Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0304	WK	Up to 65 KVA Generator For Emergency Clean-up	1,133.66	
02 90 55 00-0305	WK	>65 to 125 KVA Generator For Emergency Clean-up	1,918.51	
02 90 55 00-0306	WK	>125 to 250 KVA Generator For Emergency Clean-up	1,869.32	
02 90 55 00-0307	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,226.58	
02 90 55 00-0308	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,360.25	
02 90 55 00-0309	WK	>440 to 625 KVA Generator For Emergency Clean-up	6,559.00	
02 90 55 00-0310	WK	>625 to 800 KVA Generator For Emergency Clean-up	6,714.78	
02 90 55 00-0311	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	8,982.12	
02 90 55 00-0312	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	13,516.78	
02 90 55 00-0313	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	29.30	
02 90 55 00-0314	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	140.40	
02 90 55 00-0315	EA	Electrical Distribution Panel For Emergency Clean-up	338.96	
02 90 55 00-0316	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	52.76	
02 90 55 00-0317	EA	50' Power Cord For Spider Box For Emergency Clean-up	48.83	
02 90 55 00-0318	EA	Pig Tails (Per Each) For Emergency Clean-up	5.43	
02 90 55 00-0319		**Freight Charges** *(02 90 55 00-0022)*		
02 90 55 00-0320	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.72	
02 90 55 00-0321	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	4.89	
02 90 55 00-0322	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	4.89	
02 90 55 00-0323	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	7.06	
02 90 55 00-0324		**Emergency Clean-up Personal Protection Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0325	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	15.16	
02 90 55 00-0326	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	52.95	
02 90 55 00-0327	BOX	Dust Mask For Emergency Clean-up Personal Protection Equipment	59.04	
02 90 55 00-0328	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.07	
02 90 55 00-0329	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	27.47	
02 90 55 00-0330	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	13.74	
02 90 55 00-0331	EA	Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	23.46	
02 90 55 00-0332	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	16.08	
02 90 55 00-0333	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	116.97	
02 90 55 00-0334	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	7.04	
02 90 55 00-0335	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	9.16	
02 90 55 00-0336		**Emergency Clean-up Expendables** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0337		**General Materials** *(02 90 55 00-0336)*		
02 90 55 00-0338	GAL	Adhesive Remover For Emergency Clean-up	109.88	
02 90 55 00-0339	GAL	Bio-HS For Emergency Clean-up	37.05	
02 90 55 00-0340	GAL	Biocide For Emergency Clean-up	47.27	
02 90 55 00-0341	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	5.79	
02 90 55 00-0342	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	8.79	
02 90 55 00-0343	GAL	Bleach For Emergency Clean-up	11.82	
02 90 55 00-0344	EA	Small Stainless Brush For Emergency Clean-up	7.23	
02 90 55 00-0345	EA	2-1/2 Gallon Buckets For Emergency Clean-up	9.18	
02 90 55 00-0346	EA	5 Gallon Bucket For Emergency Clean-up	13.91	
02 90 55 00-0347	GAL	Carpet Defoamer For Emergency Clean-up	35.78	
02 90 55 00-0348	GAL	Carpet Pre-treat For Emergency Clean-up	26.76	
02 90 55 00-0349	GAL	Carpet Spotter For Emergency Clean-up	44.83	
02 90 55 00-0350	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	36.16	
02 90 55 00-0351	ROL	Carpet Masking/Shield For Emergency Clean-up	100.30	
02 90 55 00-0352	EA	Chemical Sponge For Emergency Clean-up	4.33	
02 90 55 00-0353	GAL	Clear Seal For Emergency Clean-up	147.73	
02 90 55 00-0354	GAL	Coil Cleaner For Emergency Clean-up	69.06	
02 90 55 00-0355	EA	Comfort Masks, Per Box 50 For Emergency Clean-up Personal Protection Equipment	50.75	
02 90 55 00-0356	EA	Hooded Coverall With Elastic Wrists/Ankles For Emergency Clean-up Personal Protection Equipment	22.44	
02 90 55 00-0357	EA	Decontamination Chamber For Emergency Clean-up	300.33	
02 90 55 00-0358	GAL	All Purpose Degreaser For Emergency Clean-up	48.35	
02 90 55 00-0359	GAL	De-Foamer Liquid For Emergency Clean-up	63.54	
02 90 55 00-0360	EA	Deodorization Membrane For Emergency Clean-up	124.57	
02 90 55 00-0361	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	189.94	
02 90 55 00-0362	LB	Deodorizing Gel For Emergency Clean-up	44.62	
02 90 55 00-0363	GAL	Deodorizing Liquid For Emergency Clean-up	66.06	
02 90 55 00-0364	PAIL	Deodorizing Block For Emergency Clean-up	11.22	
02 90 55 00-0365	GAL	Disinfectant/Antimicrobial For Emergency Clean-up	115.78	
02 90 55 00-0366	GAL	BruClean Disinfectant For Emergency Clean-up	35.16	
02 90 55 00-0367	GAL	Dryclean For Emergency Clean-up	51.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0368	GAL	Duct Sealant Spray For Emergency Clean-up	78.23	
02 90 55 00-0369	GAL	Antifungal Duct Sealant For Emergency Clean-up	113.00	
02 90 55 00-0370	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	171.28	
02 90 55 00-0371	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.70	
02 90 55 00-0372	GAL	Encapsulant For Emergency Clean-up	118.59	
02 90 55 00-0373	GAL	Aftershock Fiberlocke For Emergency Clean-up	104.13	
02 90 55 00-0374	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up	134.17	
02 90 55 00-0375	GAL	IAS 6000 Fiberlocke For Emergency Clean-up	137.99	
02 90 55 00-0376	ROL	Filter Material For Emergency Clean-up	269.36	
02 90 55 00-0377	EA	Blue Paper Collection Bag Filter For Emergency Clean-up	7.26	
02 90 55 00-0378	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	576.11	
02 90 55 00-0379	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up	2.76	
02 90 55 00-0380	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up	12.31	
02 90 55 00-0381	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up	43.81	
02 90 55 00-0382	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	416.69	
02 90 55 00-0383	EA	Pleated Dehumidifier Filter For Emergency Clean-up	10.99	
02 90 55 00-0384	GAL	Floor Stripper For Emergency Clean-up	24.34	
02 90 55 00-0385	GAL	Floor Wax For Emergency Clean-up	34.77	
02 90 55 00-0386	GAL	Fogger (Thermal) For Emergency Clean-up	201.45	
02 90 55 00-0387	BOX	Furniture Blocks For Emergency Clean-up	162.26	
02 90 55 00-0388	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up	21.86	
02 90 55 00-0389	GAL	Glass Cleaner For Emergency Clean-up	14.58	
02 90 55 00-0390	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	26.51	
02 90 55 00-0391	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	17.44	
02 90 55 00-0392	EA	Halogen Light Bulbs For Emergency Clean-up	24.82	
02 90 55 00-0393	QT	Hand Sanitizer For Emergency Clean-up	12.27	
02 90 55 00-0394	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	10.10	
02 90 55 00-0395	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	21.25	
02 90 55 00-0396	GAL	HVAC Coal Cleaner For Emergency Clean-up	69.06	
02 90 55 00-0397	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	149.48	
02 90 55 00-0398	EA	Utility Knives For Emergency Clean-up	19.12	
02 90 55 00-0399	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	128.23	
02 90 55 00-0400	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	135.37	
02 90 55 00-0401	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	269.53	
02 90 55 00-0402	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	389.58	
02 90 55 00-0403	GAL	Lemon Oil For Emergency Clean-up	58.60	
02 90 55 00-0404	GAL	LPS 1/Mecca Lube For Emergency Clean-up	63.17	
02 90 55 00-0405	GAL	LPS 2 For Emergency Clean-up	66.86	
02 90 55 00-0406	GAL	LPS Contact Cleaner For Emergency Clean-up	66.55	
02 90 55 00-0407	GAL	Light Lubricant Preserve For Emergency Clean-up	156.03	
02 90 55 00-0408	GAL	Heavy Lubricant Preserver For Emergency Clean-up	34.77	
02 90 55 00-0409	GAL	Machinery Cleaning Solvent For Emergency Clean-up	280.56	
02 90 55 00-0410	GAL	Metal Polishing Paste For Emergency Clean-up	28.88	
02 90 55 00-0411	GAL	MediClean® Disinfectant For Emergency Clean-up	70.27	
02 90 55 00-0412	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	86.24	
02 90 55 00-0413	EA	Mop Heads For Emergency Clean-up	10.41	
02 90 55 00-0414	EA	Nylon Scouring Pads For Emergency Clean-up	1.91	
02 90 55 00-0415	GAL	Odor Neutralizer For Emergency Clean-up	44.83	
02 90 55 00-0416	EA	Packing Paper, 25 LB Bundle For Emergency Clean-up	77.73	
02 90 55 00-0417	EA	Paint Brushes For Emergency Clean-up	8.69	
02 90 55 00-0418	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	181.27	
02 90 55 00-0419	EA	Putty Knives For Emergency Clean-up	7.88	
02 90 55 00-0420	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	39.56	
02 90 55 00-0421	GAL	Deodorant For Emergency Clean-up	147.76	
02 90 55 00-0422	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.06	
02 90 55 00-0423	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	7.86	
02 90 55 00-0424	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	52.71	
02 90 55 00-0425	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	52.71	
02 90 55 00-0426	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	42.17	
02 90 55 00-0427	GAL	Restoracide For Emergency Clean-up	69.31	
02 90 55 00-0428	GAL	Rust Remover For Emergency Clean-up	102.55	
02 90 55 00-0429	EA	Saltesmo Test Samples For Emergency Clean-up	9.53	
02 90 55 00-0430	EA	Sand Bag For Emergency Clean-up Note: Excludes sand material	2.50	
02 90 55 00-0431	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	31.13	
02 90 55 00-0432	EA	Small Scrub Brushes For Emergency Clean-up	16.63	
02 90 55 00-0433	GAL	Clear Soot Sealant For Emergency Clean-up	118.93	
02 90 55 00-0434	GAL	Pigmented Soot Sealant For Emergency Clean-up	320.75	
02 90 55 00-0435	ROL	Shrinkwrap Plastic For Emergency Clean-up	73.84	
02 90 55 00-0436	EA	Dry Sponges For Emergency Clean-up	5.78	
02 90 55 00-0437	EA	Spray Adhesive, Per Can For Emergency Clean-up	7.70	
02 90 55 00-0438	EA	Spray Bot./Trigger For Emergency Clean-up	6.71	
02 90 55 00-0439	GAL	Stain Remover For Emergency Clean-up	40.49	
02 90 55 00-0440	GAL	Stainless Steel Cleaner For Emergency Clean-up	14.51	
02 90 55 00-0441	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	19.05	
02 90 55 00-0442	LB	Sweeping Compound For Emergency Clean-up	0.64	
02 90 55 00-0443	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	15.07	
02 90 55 00-0444	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	14.18	
02 90 55 00-0445	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	38.24	
02 90 55 00-0446	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	20.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0447	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	6.22	
02 90 55 00-0448	LB	Terry Towels For Emergency Clean-up	8.95	
02 90 55 00-0449	GAL	Thermal Fog For Emergency Clean-up	91.11	
02 90 55 00-0450	ROL	Lawn And Leaf Trash Bags For Emergency Clean-up	46.88	
02 90 55 00-0451	ROL	6 Mil Heavy Duty Trash Bags (50 Count) For Emergency Clean-up	186.97	
02 90 55 00-0452	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	63.43	
02 90 55 00-0453	EA	Backpack Vacuum Bags For Emergency Clean-up	2.14	
02 90 55 00-0454	EA	Upright Vacuum Bags For Emergency Clean-up	2.85	
02 90 55 00-0455	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	36.16	
02 90 55 00-0456	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	60.74	
02 90 55 00-0457	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	164.92	
02 90 55 00-0458	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	225.08	
02 90 55 00-0459	LB	Wipes, Cotton Cloth For Emergency Clean-up	6.38	
02 90 55 00-0460	ROL	12" x 750', Wrap, Bubble/Anti-Static For Emergency Clean-up	185.22	
02 90 55 00-0461	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.08	
02 90 55 00-0462	EA	Zip Wall Zippers For Emergency Clean-up	28.11	

02 90 55 00-0463 Technical/Electronics Restoration Materials *(02 90 55 00-0336)*

02 90 55 00-0464	EA	Brush - Brass For Emergency Clean-up	6.52	
02 90 55 00-0465	EA	1" Brush, Natural Bristle For Emergency Clean-up	2.09	
02 90 55 00-0466	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.74	
02 90 55 00-0467	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.48	
02 90 55 00-0468	EA	Brush - Parts For Emergency Clean-up	9.04	
02 90 55 00-0469	EA	Brush - Plastic For Emergency Clean-up	4.69	
02 90 55 00-0470	EA	Brush - Wire Grout For Emergency Clean-up	9.49	
02 90 55 00-0471	EA	Brushing Tool For Emergency Clean-up	18.30	
02 90 55 00-0472	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.43	
02 90 55 00-0473	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.52	
02 90 55 00-0474	EA	Contact Restorer, Per Can For Emergency Clean-up	39.52	
02 90 55 00-0475	EA	Contact Spray, Per Can For Emergency Clean-up	26.89	
02 90 55 00-0476	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	4.17	
02 90 55 00-0477	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	11.95	
02 90 55 00-0478	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	15.48	
02 90 55 00-0479	LB	Cotton Cleaning Cloths For Emergency Clean-up	24.45	
02 90 55 00-0480	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.39	
02 90 55 00-0481	EA	24" x 24" Dust Cloths For Emergency Clean-up	1.07	
02 90 55 00-0482	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	19.15	
02 90 55 00-0483	GAL	Electronic Grade Detergent For Emergency Clean-up	40.68	
02 90 55 00-0484	SHT	Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0485	GAL	Isopropyl Alcohol For Emergency Clean-up	107.79	
02 90 55 00-0486	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	157.18	
02 90 55 00-0487	GAL	PC Board Detergent For Emergency Clean-up	111.64	
02 90 55 00-0488	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	181.30	
02 90 55 00-0489	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	182.66	
02 90 55 00-0490	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	195.24	
02 90 55 00-0491	LB	Wipes, Lint Free Cloths For Emergency Clean-up	6.85	
02 90 55 00-0492	EA	Wire Marker Card For Emergency Clean-up	3.04	
02 90 55 00-0493	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.53	

END OF SECTION 02

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

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

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

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*
Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting	3.38
		For Up To 100, Add	*2.90*
		For >100 To 250, Add	*0.73*
		For >250 To 500, Add	*0.36*
		For >5,000 To 10,000, Deduct	*-0.07*
		For >10,000, Deduct	*-0.15*
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting	4.83
		For Up To 100, Add	*5.80*
		For >100 To 250, Add	*1.45*
		For >250 To 500, Add	*0.73*
		For >5,000 To 10,000, Deduct	*-0.15*
		For >10,000, Deduct	*-0.29*

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

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*
See CSI section 09 01 90 52-0002 for surface preparation as required.

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

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar	6.06
03 01 30 71-0005	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	19.36
03 01 30 71-0006	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate)	0.54

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	9.07
03 01 30 71-0009	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	26.36
03 01 30 71-0010	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	29.73
03 01 30 71-0011	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	8.25
03 01 30 71-0012	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	14.64

03 01 30 71-0013 Soffit Repair *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0014	LF	Up To 16" Wide Concrete Soffit Repair	18.69
03 01 30 71-0015	LF	>16" To 20" Wide Concrete Soffit Repair	19.57
03 01 30 71-0016	LF	>20" To 24" Wide Concrete Soffit Repair	21.41
03 01 30 71-0017	LF	>24" To 30" Wide Concrete Soffit Repair	23.33
03 01 30 71-0018	LF	>30" To 36" Wide Concrete Soffit Repair	24.82

03 01 30 71-0019 Edge Repair *(03 01 30 71-0002)*
Note: Includes mesh. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0020	LF	2" Spall Concrete Edge Repair	19.26
03 01 30 71-0021	LF	3" Spall Concrete Edge Repair	20.18
03 01 30 71-0022	LF	4" Spall Concrete Edge Repair	20.78
03 01 30 71-0023	LF	6" Spall Concrete Edge Repair	21.47
03 01 30 71-0024	LF	8" Spall Concrete Edge Repair	22.66
03 01 30 71-0025	LF	9" Spall Concrete Edge Repair	25.45
03 01 30 71-0026	CF	Patch Edge, Portland Cement Based Repair Material	160.97
03 01 30 71-0027	CF	Patch Edge, Rapid Setting Concrete Repair Material	221.22
03 01 30 71-0028	CF	Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate	226.98
03 01 30 71-0029	CF	Patch Edge, SSI Flex Patch (Other Than Specified)	451.94

03 01 30 71-0030 Concrete Materials *(03 01 30 71-0002)*
Note: Excludes saw cutting, sand blasting and forming.

03 01 30 71-0031	SF	Sika Ferroguard® 903	1.52
03 01 30 71-0032	SF	Sika-Guard 701W	1.73
03 01 30 71-0033	SF	Sika 550W Pearl Ash	0.98
03 01 30 71-0034	SF	Sika Top 144 Gray	2.50

03 01 30 71-0035 Bridge Deck Treatment *(03 01 30 71-0002)*

03 01 30 71-0036	SF	Sweep Bridge Deck	0.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0037	SF	Clean Bridge Deck	0.03	
03 01 30 71-0038	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.06	

03 01 30 71-0039 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0040 Concrete Patching *(03 01 30 71-0039)*

03 01 30 71-0041 Walls *(03 01 30 71-0040)*

03 01 30 71-0042	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	160.51	
		For Up To 10, Add	*59.15*	
		For >10 To 25, Add	*35.49*	
		For >25 To 50, Add	*23.66*	
		For >50 To 75, Add	*11.83*	
03 01 30 71-0043	BAG	Sika Grout 212, 50 LB Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	110.13	
		For Up To 10, Add	*37.48*	
		For >10 To 25, Add	*22.49*	
		For >25 To 50, Add	*14.99*	
		For >50 To 75, Add	*7.50*	
03 01 30 71-0044	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	36.92	
03 01 30 71-0045	BAG	Pea Gravel	28.14	
03 01 30 71-0046	BAG	Sika Top 123, 44 LB Bag	163.56	
03 01 30 71-0047	BAG	Sika Top 121 Plus Kit Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.	156.59	
03 01 30 71-0048	BAG	Sika Top 122 Plus Kit Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./ unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 lbs. 3/8" pea gravel).	173.68	
03 01 30 71-0049	BAG	Sika Top 123 Plus Kit Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.	170.60	

03 01 30 71-0050 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0051 Non Structural Crack Repair For Concrete *(03 01 30 71-0050)*

03 01 30 71-0052 Surface Applied, Non Structural Crack Repair For Concrete *(03 01 30 71-0051)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0053	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	5.97	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0054	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	7.81	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0055	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	6.10	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0056	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	8.06	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0057	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	6.57	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0058	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	9.00	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0059	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	6.91	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0060	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	9.69	
		For V-Grooving Crack With Grinder, Add	*4.64*	

03 01 30 71-0061 Pressure Injected, Non Structural Crack Repair For Concrete *(03 01 30 71-0051)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0062	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	27.52	
		For Cracks Accessible From Both Sides, Add	*5.61*	

03 01 30 71-0063 Structural Crack Repair For Concrete *(03 01 30 71-0050)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0064		Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0063)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0065	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	7.00	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0066	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	9.86	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0067	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	6.81	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0068	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	9.50	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0069	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	8.34	
		For V-Grooving Crack With Grinder, Add	*4.76*	
03 01 30 71-0070	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	12.56	
		For V-Grooving Crack With Grinder, Add	*4.64*	
03 01 30 71-0071		Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0063)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0072	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	23.86	
		For Cracks Accessible From Both Sides, Add	*5.61*	
03 01 30 71-0073	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	23.67	
		For Cracks Accessible From Both Sides, Add	*5.61*	
03 01 30 71-0074		Carbon Fiber Strengthening System *(03 01 30 71-0001)* Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0075	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	70.10	
03 01 30 71-0076	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	62.57	
03 01 30 71-0077	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	58.34	
03 01 30 71-0078	SF	Carbon Fiber Strengthening System For Walls, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	55.99	
03 01 30 71-0079		Concrete Rehabilitation *(03 01 30 71)*		
03 01 30 71-0080		Corrosive Inhibitor *(03 01 30 71-0079)*		
03 01 30 71-0081	SF	Corrosive Inhibitor	5.57	
03 01 30 71-0082		Remove Cracked Or Damaged Concrete Surfacing Material *(03 01 30 71)*		
03 01 30 71-0083	SF	Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces Note: Excludes patching materials	17.05	
03 01 30 71-0084	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	22.60	
03 01 30 71-0085	SF	Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	28.13	
03 01 30 71-0086	SF	Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	37.51	
03 01 30 71-0087	SF	Removal Of Concrete <3/4" Deep On Overhead Surfaces Note: Excludes patching materials	34.11	
03 01 30 71-0088	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces Note: Excludes patching materials.	45.18	
03 01 30 71-0089	SF	Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces Note: Excludes patching materials.	56.27	
03 01 30 71-0090	SF	Removal Of Concrete >3" To 4" Deep On Overhead Surfaces Note: Excludes patching materials.	75.02	
03 01 30 72		**Strengthening Of Cast-in-Place Concrete** ***(03 01 30)***		
03 01 30 72-0001		Concrete Surface Repairs *(03 01 30 72)*		
03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.35	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 05 13 00-0001 Concrete Admixtures *(03 05 13)*

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	6.24
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	4.32
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	6.72
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	13.44
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	12.00
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	23.99
03 05 13 00-0008	CY	Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	5.18
03 05 13 00-0009	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.20
03 05 13 00-0010	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	14.40
03 05 13 00-0011	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	5.36
03 05 13 00-0012	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	11.52
03 05 13 00-0013	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	15.36
03 05 13 00-0014	CY	25 LB/CY Steel Fibers, Concrete Admixture	37.71
03 05 13 00-0015	CY	10% Microsilica (Silica Fume), Concrete Admixture	76.78
03 05 13 00-0016	CY	Corrosion Inhibiting Concrete Admixture	28.79
03 05 13 00-0017	CY	Winter Service Or Heat, Concrete Add	6.72
03 05 13 00-0018	CY	Chilled Water, Concrete Add	6.72
03 05 13 00-0019	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	38.87
03 05 13 00-0020	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	64.78
03 05 13 00-0021	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	124.38
03 05 13 00-0022	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	172.75

03 10 Concrete Forming and Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	7.96
		For <1,000, Add	*1.40*
		For Foundations >8' Below Grade, Add	*1.30*
		For Curved Formwork, Add	*2.60*
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	9.33
		For <1,000, Add	*1.66*
		For Foundations >8' Below Grade, Add	*1.56*
		For Curved Formwork, Add	*3.12*
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	10.48
		For <1,000, Add	*1.92*
		For Foundations >8' Below Grade, Add	*1.82*
		For Curved Formwork, Add	*3.65*
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	8.85
		For <1,000, Add	*1.59*
		For Foundations >8' Below Grade, Add	*1.50*
		For Curved Formwork, Add	*3.00*
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork	12.66
		Note: Excludes footing	
		For <1,000, Add	*2.26*
		For Foundations >8' Below Grade, Add	*2.13*
		For Curved Formwork, Add	*4.25*

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	5.89
		For Foundations >8' Below Grade, Add	*1.02*
		For Curved Formwork, Add	*2.05*
		For Up To 250, Add	*1.08*
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	8.75
		For Foundations >8' Below Grade, Add	*1.45*
		For Curved Formwork, Add	*2.89*
		For Up To 250, Add	*1.55*
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	11.08
		For Foundations >8' Below Grade, Add	*1.86*
		For Curved Formwork, Add	*3.72*
		For <1,000, Add	*1.98*

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	47.30
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	69.88
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	86.40
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	121.11
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	172.82
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	225.74

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0019		Above Grade Wall Wood Formwork *(03 11 13 00-0001)*			
03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork		13.97	
		For Curved Formwork, Add		*4.78*	
		For <1,000, Add		*2.52*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork		16.53	
		For Curved Formwork, Add		*5.66*	
		For <1,000, Add		*2.99*	
03 11 13 00-0022		Elevated Beam Wood Formwork *(03 11 13 00-0001)*			
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.			
03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork		17.78	
		For Curved Formwork, Add		*6.18*	
		For <1,000, Add		*3.24*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork		11.53	
		For Curved Formwork, Add		*3.97*	
		For <1,000, Add		*2.09*	
03 11 13 00-0025		Elevated Slab Wood Formwork *(03 11 13 00-0001)*			
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.			
03 11 13 00-0026	SF	Elevated Slab Wood Formwork		11.01	
		For <1,000, Add		*1.91*	
03 11 13 00-0027		Metal Framed Formwork *(03 11 13)*			
		Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.			
03 11 13 00-0028		Foundation Metal Framed Formwork *(03 11 13 00-0027)*			
		Note: For foundation work below or at grade.			
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork		6.36	
		For <1,000, Add		*1.17*	
		For Foundations >8' Below Grade, Add		*1.12*	
		For Curved Formwork, Add		*2.24*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork		7.05	
		For <1,000, Add		*1.31*	
		For Foundations >8' Below Grade, Add		*1.26*	
		For Curved Formwork, Add		*2.51*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork		7.89	
		For <1,000, Add		*1.45*	
		For Foundations >8' Below Grade, Add		*1.38*	
		For Curved Formwork, Add		*2.77*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork		6.67	
		For <1,000, Add		*1.22*	
		For Foundations >8' Below Grade, Add		*1.17*	
		For Curved Formwork, Add		*2.33*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork		10.14	
		Note: Excludes footing.			
		For <1,000, Add		*1.89*	
		For Foundations >8' Below Grade, Add		*1.82*	
		For Curved Formwork, Add		*3.64*	
03 11 13 00-0034		Slab Edge And Block-Out Metal Framed Formwork *(03 11 13 00-0027)*			
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork		4.63	
		For Foundations >8' Below Grade, Add		*0.90*	
		For Curved Formwork, Add		*1.80*	
		For <250, Add		*0.91*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork		5.79	
		For Foundations >8' Below Grade, Add		*1.12*	
		For Curved Formwork, Add		*2.24*	
		For <250, Add		*1.13*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork		6.41	
		For Foundations >8' Below Grade, Add		*1.24*	
		For Curved Formwork, Add		*2.48*	
		For <1,000, Add		*1.25*	
03 11 13 00-0038		Column Metal Framed Formwork *(03 11 13 00-0027)*			
03 11 13 00-0039		Square Columns *(03 11 13 00-0038)*			
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork		39.30	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork		47.49	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork		55.69	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork		66.56	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork		80.18	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork		96.25	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork		123.50	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork		152.31	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0048		**Round Columns** *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	38.11	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	42.44	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	48.76	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	56.93	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	67.27	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	77.09	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	99.74	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	129.66	
03 11 13 00-0057		**Above Grade Wall Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	6.23	
		For Curved Formwork, Add	*2.08*	
		For <1,000, Add	*1.11*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	7.60	
		For Curved Formwork, Add	*2.50*	
		For <1,000, Add	*1.34*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	6.38	
		For Curved Formwork, Add	*1.96*	
		For <1,000, Add	*1.08*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	4.64	
		For Curved Formwork, Add	*1.52*	
		For <1,000, Add	*0.82*	
03 11 13 00-0063		**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	9.14	
		For <1,000, Add	*1.35*	
03 11 13 00-0065		**Fiber Tube Formwork** *(03 11 13)*		
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	17.17	
		For Plastic Lined, Add	*0.86*	
		For Columns >12' In Length, Add	*1.72*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	18.21	
		For Plastic Lined, Add	*1.01*	
		For Columns >12' In Length, Add	*1.82*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	20.16	
		For Plastic Lined, Add	*1.16*	
		For Columns >12' In Length, Add	*2.02*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	24.07	
		For Plastic Lined, Add	*1.66*	
		For Columns >12' In Length, Add	*2.41*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	27.56	
		For Plastic Lined, Add	*2.25*	
		For Columns >12' In Length, Add	*2.76*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	30.27	
		For Plastic Lined, Add	*2.85*	
		For Columns >12' In Length, Add	*3.03*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	31.90	
		For Plastic Lined, Add	*3.10*	
		For Columns >12' In Length, Add	*3.19*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	35.27	
		For Plastic Lined, Add	*3.87*	
		For Columns >12' In Length, Add	*3.53*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	39.04	
		For Plastic Lined, Add	*4.67*	
		For Columns >12' In Length, Add	*3.90*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	42.83	
		For Plastic Lined, Add	*5.47*	
		For Columns >12' In Length, Add	*4.28*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	44.93	
		For Plastic Lined, Add	*5.96*	
		For Columns >12' In Length, Add	*4.49*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	48.28	
		For Plastic Lined, Add	*6.83*	
		For Columns >12' In Length, Add	*4.83*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	51.91	
		For Plastic Lined, Add	*7.79*	
		For Columns >12' In Length, Add	*5.19*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	64.71	
		For Plastic Lined, Add	*11.15*	
		For Columns >12' In Length, Add	*6.47*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork		91.84	
		For Plastic Lined, Add		*18.93*	
		For Columns >12' In Length, Add		*9.18*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork		111.22	
		For Plastic Lined, Add		*24.40*	
		For Columns >12' In Length, Add		*11.12*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork		192.21	
		For Plastic Lined, Add		*48.13*	
		For Columns >12' In Length, Add		*19.22*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork		214.48	
		For Plastic Lined, Add		*54.38*	
		For Columns >12' In Length, Add		*21.45*	

03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials		2.00

03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials		2.10
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials		2.48
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials		2.87

03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork		10.18

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		11.44
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		13.94
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		16.88
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		19.38
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		25.02
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal		56.47

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork		4.90
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork		6.35
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork		8.34

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork		16.94
		For Curved Formwork, Add		*6.26*
		For <1,000, Add		*3.22*
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork		33.42
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add		*12.15*
		For <1,000, Add		*6.28*

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork		13.27
		For Curved Formwork, Add		*5.02*
		For <1,000, Add		*2.56*
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork		24.71
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add		*9.33*
		For <1,000, Add		*4.76*

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop		7.39
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop		8.33
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb		10.04
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb		11.03
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop		16.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	8.18	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.23	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	18.21	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	14.35	
03 15 13 13-0011		Rubber Waterstops *(03 15 13 13)*		
03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	8.27	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	9.49	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	8.68	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	11.93	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.85	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.64	
03 15 13 16		**Expanding Waterstops** *(03 15 13)*		
03 15 13 16-0001		Bentonite Waterstops *(03 15 13 16)*		
03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	6.57	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	10.10	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	11.35	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	12.87	
03 15 16		**Concrete Construction Joints** *(03 15)*		
03 15 16 00-0001		Poured Expansion Joint *(03 15 16)*		
03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	2.83	0.82
		For Installation In Walls, Add	*1.38*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	6.06	0.82
		For Installation In Walls, Add	*1.55*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.74	0.82
		For Installation In Walls, Add	*1.38*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	5.70	0.82
		For Installation In Walls, Add	*1.55*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	3.75	0.82
		For Installation In Walls, Add	*1.55*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	6.69	0.82
		For Installation In Walls, Add	*2.51*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	3.11	0.82
		For Installation In Walls, Add	*1.38*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	3.77	0.82
		For Installation In Walls, Add	*1.38*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	9.47	0.82
		For Installation In Walls, Add	*1.55*	
03 15 16 00-0011		Premolded Expansion Joints *(03 15 16)*		
03 15 16 00-0012		Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.03	0.93
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.34	0.98
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.52	1.03
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.72	1.07
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.22	0.93
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.49	0.98
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.80	1.03
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.26	1.07
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.01	0.89
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.19	0.93
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.41	0.98
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.03
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.83	1.07
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.14	1.12
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.38	1.17
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	3.80	1.21
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.43	0.98
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.79	1.03
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.43	1.12
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	5.98	1.54
03 15 16 00-0033		Cork, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	3.52	0.98
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	3.97	1.07
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.31	1.12
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	6.09	1.17
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	6.48	1.21
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	7.13	1.54
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	8.30	1.54
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	8.83	1.54

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.20	0.98
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.30	1.03
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.43	1.07
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.83	1.12
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.27	0.98
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.37	1.03
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.48	1.07
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.72	1.12
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.23	0.98
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.44	1.03
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	2.72	1.12
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	3.84	0.93
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.61	0.93
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	1.07	0.70
		>1,250, Deduct	*-0.05*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	1.00	0.70
		>1,250, Deduct	*-0.05*	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints *(03 15 16)*		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	5.37	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	5.47	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	5.68	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	6.04	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	7.60	
03 15 19		**Cast-In Concrete Anchors** *(03 15)*		
03 15 19 00-0001		Cast In Place Anchors *(03 15 19)*		
		Note: For cast in place installations, includes nut and washer.		
03 15 19 00-0002		J-Type Anchor Bolts *(03 15 19 00-0001)*		
		See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003		1/2" And 5/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	8.64	
		For Galvanized, Add	*1.68*	
		For Stainless Steel, Add	*11.73*	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100, Deduct	*-1.23*	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.98	
		For Galvanized, Add	*2.14*	
		For Stainless Steel, Add	*14.95*	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.68*	
		For >100, Deduct	*-1.36*	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.07	
		For Galvanized, Add	*2.95*	
		For Stainless Steel, Add	*20.62*	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.77*	
		For >100, Deduct	*-1.53*	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.87	
		For Galvanized, Add	*3.85*	
		For Stainless Steel, Add	*26.92*	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.81*	
		For >100, Deduct	*-1.62*	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	17.02	
		For Galvanized, Add	*5.14*	
		For Stainless Steel, Add	*35.95*	
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.15	
		For Galvanized, Add	*5.87*	
		For Stainless Steel, Add	*41.06*	
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.07*	

03 15 19 00-0010 3/4" And 7/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.07	
		For Galvanized, Add	*5.83*	
		For Stainless Steel, Add	*40.78*	
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.07*	
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	21.82	
		For Galvanized, Add	*6.79*	
		For Stainless Steel, Add	*47.53*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.33*	
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	26.66	
		For Galvanized, Add	*8.70*	
		For Stainless Steel, Add	*60.87*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.31	
		For Galvanized, Add	*10.96*	
		For Stainless Steel, Add	*76.72*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.17*	
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	25.19	
		For Galvanized, Add	*7.96*	
		For Stainless Steel, Add	*55.72*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.65*	
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.67	
		For Galvanized, Add	*9.54*	
		For Stainless Steel, Add	*66.75*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.07*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.78	
		For Galvanized, Add	*12.71*	
		For Stainless Steel, Add	*88.97*	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	

03 15 19 00-0018 1" And 1-1/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	31.20	
		For Galvanized, Add	*10.30*	
		For Stainless Steel, Add	*72.10*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.15	
		For Galvanized, Add	*12.40*	
		For Stainless Steel, Add	*86.77*	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.71*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	45.90	
		For Galvanized, Add	*15.54*	
		For Stainless Steel, Add	*108.75*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	56.51	
		For Galvanized, Add	*18.99*	
		For Stainless Steel, Add	*132.90*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.80*	
		For >100, Deduct	*-5.61*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.38	
		For Galvanized, Add	*12.88*	
		For Stainless Steel, Add	*90.13*	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	44.55	
		For Galvanized, Add	*15.50*	
		For Stainless Steel, Add	*108.47*	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	55.13	
		For Galvanized, Add	*19.43*	
		For Stainless Steel, Add	*135.98*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.20*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	67.82	
		For Galvanized, Add	*23.73*	
		For Stainless Steel, Add	*166.11*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.45*	

03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	45.08	
		For Galvanized, Add	*16.10*	
		For Stainless Steel, Add	*112.67*	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.19*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	53.76	
		For Galvanized, Add	*19.37*	
		For Stainless Steel, Add	*135.59*	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.94*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.61	
		For Galvanized, Add	*24.29*	
		For Stainless Steel, Add	*170.00*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.04*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	81.86	
		For Galvanized, Add	*29.66*	
		For Stainless Steel, Add	*207.62*	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.47*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	54.68	
		For Galvanized, Add	*20.12*	
		For Stainless Steel, Add	*140.81*	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.90*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	65.28	
		For Galvanized, Add	*24.21*	
		For Stainless Steel, Add	*169.47*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-2.90*	
		For >100, Deduct	*-5.79*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	80.95	
		For Galvanized, Add	*30.36*	
		For Stainless Steel, Add	*212.52*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.54*	
		For >100, Deduct	*-7.08*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	99.44	
		For Galvanized, Add	*37.08*	
		For Stainless Steel, Add	*259.56*	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.38*	
		For >100, Deduct	*-8.76*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	17.15	
		For Galvanized, Add	*4.46*	
		For Stainless Steel, Add	*31.19*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.27	
		For Galvanized, Add	*5.50*	
		For Stainless Steel, Add	*38.50*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.21	
		For Galvanized, Add	*6.31*	
		For Stainless Steel, Add	*44.14*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.75*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.46	
		For Galvanized, Add	*6.55*	
		For Stainless Steel, Add	*45.85*	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.13*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.58	
		For Galvanized, Add	*6.88*	
		For Stainless Steel, Add	*48.13*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.65*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.31	
		For Galvanized, Add	*5.52*	
		For Stainless Steel, Add	*38.64*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.47	
		For Galvanized, Add	*6.44*	
		For Stainless Steel, Add	*45.05*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.11	
		For Galvanized, Add	*7.38*	
		For Stainless Steel, Add	*51.63*	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.21*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.15	
		For Galvanized, Add	*7.66*	
		For Stainless Steel, Add	*53.62*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.73*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.63	
		For Galvanized, Add	*8.05*	
		For Stainless Steel, Add	*56.32*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.51*	

03 15 19 00-0048 1" And 1-1/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.76	
		For Galvanized, Add	*7.08*	
		For Stainless Steel, Add	*49.56*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.28	
		For Galvanized, Add	*7.96*	
		For Stainless Steel, Add	*55.72*	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.27*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.64	
		For Galvanized, Add	*8.91*	
		For Stainless Steel, Add	*62.34*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.77	
		For Galvanized, Add	*9.33*	
		For Stainless Steel, Add	*65.28*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		38.07	
		For Galvanized, Add		*9.77*	
		For Stainless Steel, Add		*68.36*	
		For >10 To 50, Deduct		*-0.93*	
		For >50 To 100, Deduct		*-2.34*	
		For >100, Deduct		*-4.68*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		43.23	
		For Galvanized, Add		*11.32*	
		For Stainless Steel, Add		*79.21*	
		For >10 To 50, Deduct		*-1.03*	
		For >50 To 100, Deduct		*-2.63*	
		For >100, Deduct		*-5.25*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		51.21	
		For Galvanized, Add		*13.25*	
		For Stainless Steel, Add		*92.72*	
		For >10 To 50, Deduct		*-1.24*	
		For >50 To 100, Deduct		*-3.13*	
		For >100, Deduct		*-6.27*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		30.99	
		For Galvanized, Add		*9.32*	
		For Stainless Steel, Add		*65.21*	
		For >10 To 50, Deduct		*-0.62*	
		For >50 To 100, Deduct		*-1.70*	
		For >100, Deduct		*-3.40*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		35.68	
		For Galvanized, Add		*10.43*	
		For Stainless Steel, Add		*72.98*	
		For >10 To 50, Deduct		*-0.74*	
		For >50 To 100, Deduct		*-2.00*	
		For >100, Deduct		*-4.01*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		37.93	
		For Galvanized, Add		*10.91*	
		For Stainless Steel, Add		*76.34*	
		For >10 To 50, Deduct		*-0.81*	
		For >50 To 100, Deduct		*-2.16*	
		For >100, Deduct		*-4.31*	
03 15 19 00-0059		1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*			
03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		37.36	
		For Galvanized, Add		*11.27*	
		For Stainless Steel, Add		*78.86*	
		For >10 To 50, Deduct		*-0.74*	
		For >50 To 100, Deduct		*-2.05*	
		For >100, Deduct		*-4.09*	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		44.90	
		For Galvanized, Add		*13.18*	
		For Stainless Steel, Add		*92.26*	
		For >10 To 50, Deduct		*-0.93*	
		For >50 To 100, Deduct		*-2.51*	
		For >100, Deduct		*-5.03*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		49.38	
		For Galvanized, Add		*14.93*	
		For Stainless Steel, Add		*104.51*	
		For >10 To 50, Deduct		*-0.98*	
		For >50 To 100, Deduct		*-2.70*	
		For >100, Deduct		*-5.40*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		54.32	
		For Galvanized, Add		*16.86*	
		For Stainless Steel, Add		*118.02*	
		For >10 To 50, Deduct		*-1.03*	
		For >50 To 100, Deduct		*-2.90*	
		For >100, Deduct		*-5.81*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		59.84	
		For Galvanized, Add		*18.34*	
		For Stainless Steel, Add		*128.35*	
		For >10 To 50, Deduct		*-1.16*	
		For >50 To 100, Deduct		*-3.23*	
		For >100, Deduct		*-6.47*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		65.76	
		For Galvanized, Add		*19.64*	
		For Stainless Steel, Add		*137.45*	
		For >10 To 50, Deduct		*-1.32*	
		For >50 To 100, Deduct		*-3.63*	
		For >100, Deduct		*-7.26*	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt		72.93	
		For Galvanized, Add		*21.02*	
		For Stainless Steel, Add		*147.11*	
		For >10 To 50, Deduct		*-1.55*	
		For >50 To 100, Deduct		*-4.14*	
		For >100, Deduct		*-8.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	83.57	
		For Galvanized, Add	*23.24*	
		For Stainless Steel, Add	*162.68*	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-4.87*	
		For >100, Deduct	*-9.74*	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.99	
		For Galvanized, Add	*14.08*	
		For Stainless Steel, Add	*98.56*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.37*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	51.50	
		For Galvanized, Add	*16.48*	
		For Stainless Steel, Add	*115.36*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.84	
		For Galvanized, Add	*18.66*	
		For Stainless Steel, Add	*130.62*	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.77*	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.74	
		For Galvanized, Add	*21.07*	
		For Stainless Steel, Add	*147.49*	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-3.11*	
		For >100, Deduct	*-6.23*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.02	
		For Galvanized, Add	*22.93*	
		For Stainless Steel, Add	*160.48*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-3.46*	
		For >100, Deduct	*-6.93*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	75.59	
		For Galvanized, Add	*24.55*	
		For Stainless Steel, Add	*171.85*	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.88*	
		For >100, Deduct	*-7.75*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	83.87	
		For Galvanized, Add	*26.49*	
		For Stainless Steel, Add	*185.40*	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-8.83*	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	95.20	
		For Galvanized, Add	*29.06*	
		For Stainless Steel, Add	*203.39*	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-5.16*	
		For >100, Deduct	*-10.32*	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.90	
		For Galvanized, Add	*19.52*	
		For Stainless Steel, Add	*136.64*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.32*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	60.46	
		For Galvanized, Add	*20.47*	
		For Stainless Steel, Add	*143.29*	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.95*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	66.86	
		For Galvanized, Add	*22.53*	
		For Stainless Steel, Add	*157.68*	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.31*	
		For >100, Deduct	*-6.61*	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	72.39	
		For Galvanized, Add	*24.61*	
		For Stainless Steel, Add	*172.27*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-3.55*	
		For >100, Deduct	*-7.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	78.11	
		For Galvanized, Add	*26.70*	
		For Stainless Steel, Add	*186.87*	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.81*	
		For >100, Deduct	*-7.61*	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	85.94	
		For Galvanized, Add	*28.71*	
		For Stainless Steel, Add	*200.94*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-4.29*	
		For >100, Deduct	*-8.58*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	95.82	
		For Galvanized, Add	*31.06*	
		For Stainless Steel, Add	*217.39*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.92*	
		For >100, Deduct	*-9.85*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	110.08	
		For Galvanized, Add	*34.44*	
		For Stainless Steel, Add	*241.08*	
		For >10 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-5.84*	
		For >100, Deduct	*-11.68*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	77.27	
		For Galvanized, Add	*29.37*	
		For Stainless Steel, Add	*205.56*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.64*	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	80.61	
		For Galvanized, Add	*30.01*	
		For Stainless Steel, Add	*210.04*	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-3.56*	
		For >100, Deduct	*-7.12*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	82.79	
		For Galvanized, Add	*30.49*	
		For Stainless Steel, Add	*213.43*	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.71*	
		For >100, Deduct	*-7.41*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	93.60	
		For Galvanized, Add	*35.22*	
		For Stainless Steel, Add	*246.51*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-4.08*	
		For >100, Deduct	*-8.16*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	107.79	
		For Galvanized, Add	*40.65*	
		For Stainless Steel, Add	*284.55*	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-4.68*	
		For >100, Deduct	*-9.36*	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	113.27	
		For Galvanized, Add	*41.19*	
		For Stainless Steel, Add	*288.30*	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-5.15*	
		For >100, Deduct	*-10.30*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	126.04	
		For Galvanized, Add	*44.48*	
		For Stainless Steel, Add	*311.33*	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-5.93*	
		For >100, Deduct	*-11.87*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	142.15	
		For Galvanized, Add	*47.90*	
		For Stainless Steel, Add	*335.30*	
		For >10 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-7.03*	
		For >100, Deduct	*-14.06*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	111.22	
		For Galvanized, Add	*44.71*	
		For Stainless Steel, Add	*312.94*	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-4.42*	
		For >100, Deduct	*-8.83*	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	121.38	
		For Galvanized, Add	*48.33*	
		For Stainless Steel, Add	*338.31*	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-9.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	133.89	
		For Galvanized, Add	*52.68*	
		For Stainless Steel, Add	*368.76*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-5.49*	
		For >100, Deduct	*-10.97*	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	145.29	
		For Galvanized, Add	*55.79*	
		For Stainless Steel, Add	*390.53*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-6.16*	
		For >100, Deduct	*-12.32*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	156.99	
		For Galvanized, Add	*59.95*	
		For Stainless Steel, Add	*419.65*	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-6.71*	
		For >100, Deduct	*-13.41*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	169.23	
		For Galvanized, Add	*64.02*	
		For Stainless Steel, Add	*448.11*	
		For >10 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-7.32*	
		For >100, Deduct	*-14.64*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	190.48	
		For Galvanized, Add	*68.75*	
		For Stainless Steel, Add	*481.25*	
		For >10 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-8.74*	
		For >100, Deduct	*-17.47*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	204.14	
		For Galvanized, Add	*75.58*	
		For Stainless Steel, Add	*529.06*	
		For >10 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-9.08*	
		For >100, Deduct	*-18.15*	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	229.83	
		For Galvanized, Add	*84.02*	
		For Stainless Steel, Add	*588.11*	
		For >10 To 50, Deduct	*-3.09*	
		For >50 To 100, Deduct	*-10.38*	
		For >100, Deduct	*-20.76*	
03 15 19 00-0102		2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	220.45	
		For Galvanized, Add	*99.32*	
		For Stainless Steel, Add	*695.24*	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-7.15*	
		For >100, Deduct	*-14.29*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	232.35	
		For Galvanized, Add	*103.82*	
		For Stainless Steel, Add	*726.71*	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-7.66*	
		For >100, Deduct	*-15.33*	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	253.70	
		For Galvanized, Add	*112.59*	
		For Stainless Steel, Add	*788.10*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-8.48*	
		For >100, Deduct	*-16.96*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	271.01	
		For Galvanized, Add	*118.65*	
		For Stainless Steel, Add	*830.55*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-9.30*	
		For >100, Deduct	*-18.61*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	287.11	
		For Galvanized, Add	*125.01*	
		For Stainless Steel, Add	*875.07*	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-9.96*	
		For >100, Deduct	*-19.92*	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	305.47	
		For Galvanized, Add	*132.14*	
		For Stainless Steel, Add	*924.95*	
		For >10 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-10.73*	
		For >100, Deduct	*-21.45*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0109		EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	331.84	
			For Galvanized, Add	*139.43*	
			For Stainless Steel, Add	*976.01*	
			For >10 To 50, Deduct	*-2.65*	
			For >50 To 100, Deduct	*-12.27*	
			For >100, Deduct	*-24.54*	
03 15 19 00-0110		EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	248.05	
			For Galvanized, Add	*112.44*	
			For Stainless Steel, Add	*787.08*	
			For >10 To 50, Deduct	*-1.16*	
			For >50 To 100, Deduct	*-7.94*	
			For >100, Deduct	*-15.88*	
03 15 19 00-0111		EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	267.04	
			For Galvanized, Add	*120.28*	
			For Stainless Steel, Add	*841.93*	
			For >10 To 50, Deduct	*-1.32*	
			For >50 To 100, Deduct	*-8.66*	
			For >100, Deduct	*-17.33*	
03 15 19 00-0112		EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	287.27	
			For Galvanized, Add	*128.19*	
			For Stainless Steel, Add	*897.30*	
			For >10 To 50, Deduct	*-1.55*	
			For >50 To 100, Deduct	*-9.50*	
			For >100, Deduct	*-19.00*	
03 15 19 00-0113		EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	307.71	
			For Galvanized, Add	*135.31*	
			For Stainless Steel, Add	*947.17*	
			For >10 To 50, Deduct	*-1.85*	
			For >50 To 100, Deduct	*-10.47*	
			For >100, Deduct	*-20.95*	
03 15 19 00-0114		EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	327.39	
			For Galvanized, Add	*143.10*	
			For Stainless Steel, Add	*1,001.67*	
			For >10 To 50, Deduct	*-2.06*	
			For >50 To 100, Deduct	*-11.27*	
			For >100, Deduct	*-22.55*	
03 15 19 00-0115		EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	354.65	
			For Galvanized, Add	*154.15*	
			For Stainless Steel, Add	*1,079.05*	
			For >10 To 50, Deduct	*-2.32*	
			For >50 To 100, Deduct	*-12.34*	
			For >100, Deduct	*-24.69*	
03 15 19 00-0116		EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	387.05	
			For Galvanized, Add	*162.63*	
			For Stainless Steel, Add	*1,138.38*	
			For >10 To 50, Deduct	*-3.09*	
			For >50 To 100, Deduct	*-14.31*	
			For >100, Deduct	*-28.62*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.64
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.07
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.61
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.22
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.66
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.10
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.64
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.27
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.68
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.13
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.70
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.35
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.03
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.77
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.61
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.63
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.69
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	9.26
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	15.77
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.42
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.13
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.90
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.85	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.96	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	9.64	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	16.46	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.69	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.16	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.74	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.40	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.11	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.87	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.74	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.80	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.89	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	9.55	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	16.29	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.66	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.14	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.70	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	2.33	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.68	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.17	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.73	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	2.38	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.70	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.20	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.79	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	2.46	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	3.18	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	3.94	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	4.81	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	5.86	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	6.94	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	9.60	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	16.31	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	2.53	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	3.28	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	4.07	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	4.99	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	6.08	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	7.21	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	9.98	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	17.00	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.71	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.23	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.83	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.51	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.26	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.04	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.94	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.03	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	7.14	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	9.89	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	16.83	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.58	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.98	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.48	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.04	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.60	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.01	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.51	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.09	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.62	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.04	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.57	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.17	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.81	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	3.51	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	4.31	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	5.28	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	6.29	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	8.74	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	14.95	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	2.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	2.91	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	3.64	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	4.49	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	5.50	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	6.56	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	9.12	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	15.64	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.63	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.07	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.61	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.22	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.89	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.61	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.44	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.45	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.49	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.03	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	15.47	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.56	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.95	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.43	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.97	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.58	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.98	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.46	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.02	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.60	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.01	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.52	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.10	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.75	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.42	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.21	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.16	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.16	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	8.57	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	14.69	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.17	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.85	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.55	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.39	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.38	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.43	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	8.95	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	15.38	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.61	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.04	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.56	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.15	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.83	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.52	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.34	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.33	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.36	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	8.86	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	15.21	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.52	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.88	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.34	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.85	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.54	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.91	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.37	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.90	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.56	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.94	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.43	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.98	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.60	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.25	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.01	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.93	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	8.23	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	14.15	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.05	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.70	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.38	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.19	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.15	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.17	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	8.61	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	14.84	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.57	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.97	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.47	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.03	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.68	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.35	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.14	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.10	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.10	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	8.52	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	14.67	
03 21 11 00-0196		**Walls, Steel Reinforcement Bar** *(03 21 11)*		
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.50	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.85	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.29	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.79	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.52	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.88	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.32	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.84	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.54	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.91	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.38	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.92	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.51	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	3.17	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	3.91	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	4.81	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	5.77	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	8.06	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	13.89	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.99	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	2.61	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	3.30	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	4.09	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	5.03	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	6.04	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	8.44	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	14.58	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.55	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.94	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.42	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.97	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.59	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.27	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.04	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.98	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.97	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.35	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	14.41	
03 21 11 00-0235		**Mechanical Joint Connection** *(03 21 11)*		
03 21 11 00-0236		**Thermal Type Mechanical Joint Connection** *(03 21 11 00-0235)*		
03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	211.10	
03 21 11 00-0238		**Screwed Type Mechanical Joint Connection** *(03 21 11 00-0235)*		
03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	115.64	
03 21 11 00-0240		**Deformed Straight Dowels** *(03 21 11)*		
		Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.		
03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.53	
		For Up To 12" Length, Deduct	*-0.36*	
		For >12" To <24" Length, Deduct	*-0.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.05	
		For Up To 12" Length, Deduct	*-0.47*	
		For >12" To <24" Length, Deduct	*-0.24*	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.83	
		For Up To 12" Length, Deduct	*-0.74*	
		For >12" To <24" Length, Deduct	*-0.37*	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	4.75	
		For Up To 12" Length, Deduct	*-1.07*	
		For >12" To <24" Length, Deduct	*-0.54*	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	5.75	
		For Up To 12" Length, Deduct	*-1.49*	
		For >12" To <24" Length, Deduct	*-0.75*	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	7.28	
		For Up To 12" Length, Deduct	*-1.92*	
		For >12" To <24" Length, Deduct	*-0.96*	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	8.63	
		For Up To 12" Length, Deduct	*-2.36*	
		For >12" To <24" Length, Deduct	*-1.18*	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	10.70	
		For Up To 12" Length, Deduct	*-3.09*	
		For >12" To <24" Length, Deduct	*-1.54*	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	12.79	
		For Up To 12" Length, Deduct	*-3.81*	
		For >12" To <24" Length, Deduct	*-1.91*	
03 21 11 00-0250		**Spirals, Reinforcing Steel** *(03 21 11)*		
03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,502.89	
		For Grade 75, Add	*140.68*	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,463.83	
		For Grade 75, Add	*140.68*	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,434.05	
		For Grade 75, Add	*140.68*	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,385.33	
		For Grade 75, Add	*140.68*	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,319.46	
		For Grade 75, Add	*140.68*	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,300.44	
		For Grade 75, Add	*144.14*	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,245.29	
		For Grade 75, Add	*144.14*	
03 21 11 00-0258		**Dowel Or Hairpin, Drilled And Epoxy Into Concrete** *(03 21 11)*		
03 21 11 00-0259	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	22.92	
03 21 11 00-0260	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	24.03	
03 21 11 00-0261		**Accessories For Reinforcing Steel** *(03 21 11)*		
03 21 11 00-0262		**Reinforcing Steel Lap-Weld Splice** *(03 21 11 00-0261)*		
03 21 11 00-0263	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	56.40	
03 21 11 00-0264	EA	>#6 Reinforcing Steel Lap-Weld Splice	89.53	
03 21 11 00-0265		**Reinforcing Steel Sleeve And Wedge Splice Joint** *(03 21 11 00-0261)*		
03 21 11 00-0266	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	30.74	
03 21 11 00-0267	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	46.28	
03 21 11 00-0268	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	68.33	

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001		**Beams And Girders, Galvanized Steel Reinforcement Bar** *(03 21 13)* Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.78	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.30	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.97	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.74	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.79	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.33	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.00	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.79	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.81	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.36	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.06	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.87	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.74	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.69	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.79	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	7.13	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.54	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	11.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	20.49	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.94	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.84	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.83	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.97	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.34	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.81	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	12.30	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	21.18	
03 21 13 00-0029		Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.80	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.37	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.06	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.85	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.81	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.40	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.09	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.90	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.83	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.43	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.15	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.98	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.89	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.86	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.99	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.36	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.79	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	12.25	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	21.03	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.05	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.99	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.00	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.17	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.57	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	9.06	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	12.64	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	21.72	
03 21 13 00-0057		Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.72	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.21	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.84	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.56	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.73	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.24	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.87	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.61	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.75	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.27	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.93	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.69	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.52	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.43	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.49	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.78	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.14	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.39	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	19.67	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.76	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.62	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.57	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.67	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.99	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.41	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	11.78	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	20.36	
03 21 13 00-0085		Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.70	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.18	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.79	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.49	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.71	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.21	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.82	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.54	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.73	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.24	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.88	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.62	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.46	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.34	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.39	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.66	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.01	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.22	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	19.41	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.69	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.56	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.48	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.57	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.87	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.28	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	11.61	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	20.10	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.66	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.11	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.70	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.37	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.67	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.14	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.73	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.42	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.69	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.17	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.79	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.50	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.31	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.17	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.19	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.43	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.75	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	10.88	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	18.87	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.57	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.41	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.31	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.37	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.64	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.02	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.27	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	19.56	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.64	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.08	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.65	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.31	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.65	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.11	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.68	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.36	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.67	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.14	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.74	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.44	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.22	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.09	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.09	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.31	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.62	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	10.71	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	18.61	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.51	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.32	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.23	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.27	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.52	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.10	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	19.30	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.76
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.28
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.93
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.68
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.77
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.30
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.96
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.73
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.79
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.34
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.02
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.81
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.66
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.59
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.66
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.96
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.34
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	11.62
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	19.98
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.89
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.76
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.73
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.84
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.18
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.60
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.01
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	20.67

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.78
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.35
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.02
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.79
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.79
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.37
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.05
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.84
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.81
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.41
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.11
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.92
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.81
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.76
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.86
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.19
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.59
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	11.96
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	20.52
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.00
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.91
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.90
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.04
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.41
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.85
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	12.35
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	21.21

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.70
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.19
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.80
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.50
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.71
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.21
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.83
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.55
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.73
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.25
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.89
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.44	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.33	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.36	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.61	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.94	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	11.10	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	19.16	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.71	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.54	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.47	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.54	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.83	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	8.20	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	11.49	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	19.85	
03 21 16 00-0085		**Slab On Grade, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.68	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.16	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.75	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.43	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.69	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.18	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.78	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.48	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.71	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.22	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.84	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.56	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.38	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.24	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.26	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.49	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.81	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	10.93	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	18.90	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.64	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.48	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.38	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.44	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.71	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.07	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.32	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	19.59	
03 21 16 00-0113		**Elevated Slabs, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.64	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.09	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.66	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.31	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.65	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.11	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.69	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.36	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.67	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.15	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.75	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.44	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.23	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.07	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.06	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.26	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.55	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	10.59	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	18.36	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.52	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.33	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.21	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.24	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.48	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.81	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	10.98	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	19.05	
03 21 16 00-0141		**Walls, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* Note: ASTM A-775 Epoxy Coated Steel.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.62	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.06	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.61	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.25	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.63	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.08	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.64	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.30	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.65	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.12	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.70	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.38	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.14	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.99	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.96	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	6.14	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.42	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	10.42	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	18.10	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.46	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.24	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.13	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.14	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.36	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.68	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	10.81	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	18.79	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.14	
		For Up To 12" Length, Deduct	*-0.50*	
		For >12" To <24" Length, Deduct	*-0.25*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.97	
		For Up To 12" Length, Deduct	*-0.76*	
		For >12" To <24" Length, Deduct	*-0.38*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.27	
		For Up To 12" Length, Deduct	*-1.13*	
		For >12" To <24" Length, Deduct	*-0.56*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	7.85	
		For Up To 12" Length, Deduct	*-1.50*	
		For >12" To <24" Length, Deduct	*-0.75*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	9.59	
		For Up To 12" Length, Deduct	*-2.04*	
		For >12" To <24" Length, Deduct	*-1.02*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	11.23	
		For Up To 12" Length, Deduct	*-2.52*	
		For >12" To <24" Length, Deduct	*-1.26*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	13.30	
		For Up To 12" Length, Deduct	*-3.04*	
		For >12" To <24" Length, Deduct	*-1.52*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	16.03	
		For Up To 12" Length, Deduct	*-3.69*	
		For >12" To <24" Length, Deduct	*-1.84*	

03 22 Fabric and Grid Reinforcing *(03 20)*

03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.80	
		For >5 Ton, Deduct	*-0.12*	
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.93	
		For >5 Ton, Deduct	*-0.14*	
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.05	
		For >5 Ton, Deduct	*-0.15*	
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.25	
		For >5 Ton, Deduct	*-0.18*	
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.97	
		For >5 Ton, Deduct	*-0.14*	
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.10	
		For >5 Ton, Deduct	*-0.16*	
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.39	
		For >5 Ton, Deduct	*-0.19*	
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.63	
		For >5 Ton, Deduct	*-0.22*	
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.53	
		For >5 Ton, Deduct	*-0.20*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*
Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)		0.90
		For >5 Ton, Deduct		*-0.13*
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)		1.04
		For >5 Ton, Deduct		*-0.15*
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)		1.20
		For >5 Ton, Deduct		*-0.17*
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)		1.46
		For >5 Ton, Deduct		*-0.20*
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)		1.11
		For >5 Ton, Deduct		*-0.16*
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)		1.26
		For >5 Ton, Deduct		*-0.17*
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)		1.66
		For >5 Ton, Deduct		*-0.22*
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)		1.97
		For >5 Ton, Deduct		*-0.25*

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*
Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)		3.13
		For >5 Ton, Deduct		*-0.48*

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*
Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)		0.89
		For >5 Ton, Deduct		*-0.13*
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)		1.03
		For >5 Ton, Deduct		*-0.15*
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)		1.19
		For >5 Ton, Deduct		*-0.17*
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)		1.44
		For >5 Ton, Deduct		*-0.20*
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)		1.09
		For >5 Ton, Deduct		*-0.15*
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)		1.24
		For >5 Ton, Deduct		*-0.17*
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)		1.63
		For >5 Ton, Deduct		*-0.21*
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)		1.92
		For >5 Ton, Deduct		*-0.25*

03 22 23 Stainless Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 23)*

03 22 23 00-0002	SF	6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs		1.52
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs		1.97

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0037 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	226.50	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.53*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*28.85*	
		For >20 To 50, Add	*10.82*	
		For >100 To 200, Deduct	*-4.53*	
		For >200 To 400, Deduct	*-9.06*	
		For >400, Deduct	*-13.59*	

03 30 53 00-0003 Place Concrete Slurry *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY.	173.27	
03 30 53 00-0005	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY. Excludes pumping equipment.	166.90	

03 30 53 00-0006 Hand Mix And Place Concrete *(03 30 53)*

03 30 53 00-0007	CF	Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner.	28.62	
		For 2,000 PSI Concrete, Deduct	*-0.36*	
		For 2,500 PSI Concrete, Deduct	*-0.18*	
		For 3,500 PSI Concrete, Add	*0.33*	
		For 3,750 PSI Concrete, Add	*0.45*	
		For 4,000 PSI Concrete, Add	*0.57*	
		For 4,500 PSI Concrete, Add	*0.66*	
		For 5,000 PSI Concrete, Add	*0.75*	
		For 6,000 PSI Concrete, Add	*1.78*	
		For White Cement Concrete, Add	*0.79*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*0.86*	
		For High Early Strength, Type 3 ASTM C150, Add	*0.66*	
		For Lightweight Aggregate, ASTM C330, Add	*1.98*	

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0088 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.40	
		For 2,000 PSI Concrete, Deduct	*-0.20*	
		For 2,500 PSI Concrete, Deduct	*-0.10*	
		For 3,500 PSI Concrete, Add	*0.07*	
		For 4,000 PSI Concrete, Add	*0.24*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.94*	
		For >500 To 1,000, Add	*2.02*	
		For >1,000 To 2,000, Add	*1.11*	
		For >2,000 To 5,000, Add	*0.55*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000 To 35,000, Deduct	*-0.37*	
		For >35,000 To 50,000, Deduct	*-0.56*	
		For >50,000 To 70,000, Deduct	*-0.74*	
		For >70,000, Deduct	*-0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.08	
		For 2,000 PSI Concrete, Deduct	*-0.23*	
		For 2,500 PSI Concrete, Deduct	*-0.12*	
		For 3,500 PSI Concrete, Add	*0.08*	
		For 4,000 PSI Concrete, Add	*0.27*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.14*	
		For >500 To 1,000, Add	*2.17*	
		For >1,000 To 2,000, Add	*1.19*	
		For >2,000 To 5,000, Add	*0.60*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000 To 35,000, Deduct	*-0.42*	
		For >35,000 To 50,000, Deduct	*-0.62*	
		For >50,000 To 70,000, Deduct	*-0.82*	
		For >70,000, Deduct	*-1.02*	
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.05	
		For 2,000 PSI Concrete, Deduct	*-0.27*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.31*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.44*	
		For >500 To 1,000, Add	*2.38*	
		For >1,000 To 2,000, Add	*1.31*	
		For >2,000 To 5,000, Add	*0.66*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000 To 35,000, Deduct	*-0.48*	
		For >35,000 To 50,000, Deduct	*-0.70*	
		For >50,000 To 70,000, Deduct	*-0.93*	
		For >70,000, Deduct	*-1.15*	
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.96	
		For 2,000 PSI Concrete, Deduct	*-0.31*	
		For 2,500 PSI Concrete, Deduct	*-0.15*	
		For 3,500 PSI Concrete, Add	*0.11*	
		For 4,000 PSI Concrete, Add	*0.36*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.69*	
		For >500 To 1,000, Add	*2.55*	
		For >1,000 To 2,000, Add	*1.42*	
		For >2,000 To 5,000, Add	*0.71*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000 To 35,000, Deduct	*-0.54*	
		For >35,000 To 50,000, Deduct	*-0.78*	
		For >50,000 To 70,000, Deduct	*-1.03*	
		For >70,000, Deduct	*-1.28*	
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	10.75	
		For 2,000 PSI Concrete, Deduct	*-0.34*	
		For 2,500 PSI Concrete, Deduct	*-0.17*	
		For 3,500 PSI Concrete, Add	*0.12*	
		For 4,000 PSI Concrete, Add	*0.40*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.91*	
		For >500 To 1,000, Add	*2.72*	
		For >1,000 To 2,000, Add	*1.52*	
		For >2,000 To 5,000, Add	*0.76*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000 To 35,000, Deduct	*-0.59*	
		For >35,000 To 50,000, Deduct	*-0.85*	
		For >50,000 To 70,000, Deduct	*-1.12*	
		For >70,000, Deduct	*-1.39*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	12.76	
		For 2,000 PSI Concrete, Deduct	*-0.43*	
		For 2,500 PSI Concrete, Deduct	*-0.22*	
		For 3,500 PSI Concrete, Add	*0.15*	
		For 4,000 PSI Concrete, Add	*0.50*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*4.45*	
		For >500 To 1,000, Add	*3.10*	
		For >1,000 To 2,000, Add	*1.75*	
		For >2,000 To 5,000, Add	*0.88*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000 To 35,000, Deduct	*-0.72*	
		For >35,000 To 50,000, Deduct	*-1.04*	
		For >50,000 To 70,000, Deduct	*-1.36*	
		For >70,000, Deduct	*-1.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	14.31	
		For 2,000 PSI Concrete, Deduct	*-0.50*	
		For 2,500 PSI Concrete, Deduct	*-0.25*	
		For 3,500 PSI Concrete, Add	*0.18*	
		For 4,000 PSI Concrete, Add	*0.58*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*4.90*	
		For >500 To 1,000, Add	*3.42*	
		For >1,000 To 2,000, Add	*1.94*	
		For >2,000 To 5,000, Add	*0.97*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000 To 35,000, Deduct	*-0.82*	
		For >35,000 To 50,000, Deduct	*-1.18*	
		For >50,000 To 70,000, Deduct	*-1.53*	
		For >70,000, Deduct	*-1.89*	

03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and standard concrete placement tests.

03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*

Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	275.99	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.53*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*48.64*	
		For >20 To 50, Add	*18.24*	
		For >100 To 200, Deduct	*-5.52*	
		For >200 To 400, Deduct	*-11.04*	
		For >400, Deduct	*-16.56*	
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	207.40	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*21.21*	
		For >20 To 50, Add	*7.95*	
		For >100 To 200, Deduct	*-4.15*	
		For >200 To 400, Deduct	*-8.30*	
		For >400, Deduct	*-12.44*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps	217.75	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*20.20*	
		For >20 To 50, Add	*7.58*	
		For >100 To 200, Deduct	*-4.36*	
		For >200 To 400, Deduct	*-8.71*	
		For >400, Deduct	*-13.07*	

03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	262.48	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*43.24*	
		For >20 To 50, Add	*16.22*	
		For >100 To 200, Deduct	*-5.25*	
		For >200 To 400, Deduct	*-10.50*	
		For >400, Deduct	*-15.75*	
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	201.52	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*18.86*	
		For >20 To 50, Add	*7.07*	
		For >100 To 200, Deduct	*-4.03*	
		For >200 To 400, Deduct	*-8.06*	
		For >400, Deduct	*-12.09*	
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	212.13	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*17.96*	
		For >20 To 50, Add	*6.73*	
		For >100 To 200, Deduct	*-4.24*	
		For >200 To 400, Deduct	*-8.49*	
		For >400, Deduct	*-12.73*	

03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	336.80	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*72.97*	
		For >20 To 50, Add	*27.36*	
		For >100 To 200, Deduct	*-6.74*	
		For >200 To 400, Deduct	*-13.47*	
		For >400, Deduct	*-20.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	233.92	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*31.82*	
		For >20 To 50, Add	*11.93*	
		For >100 To 200, Deduct	*-4.68*	
		For >200 To 400, Deduct	*-9.36*	
		For >400, Deduct	*-14.04*	
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings	243.01	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*30.31*	
		For >20 To 50, Add	*11.37*	
		For >100 To 200, Deduct	*-4.86*	
		For >200 To 400, Deduct	*-9.72*	
		For >400, Deduct	*-14.58*	

03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	186.80	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*12.97*	
		For >20 To 50, Add	*4.86*	
		For >100 To 200, Deduct	*-3.74*	
		For >200 To 400, Deduct	*-7.47*	
		For >400, Deduct	*-11.21*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	168.51	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*5.66*	
		For >20 To 50, Add	*2.12*	
		For >100 To 200, Deduct	*-3.37*	
		For >200 To 400, Deduct	*-6.74*	
		For >400, Deduct	*-10.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	179.03	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*4.72*	
		For >20 To 50, Add	*1.77*	
		For >100 To 200, Deduct	*-3.58*	
		For >200 To 400, Deduct	*-7.16*	
		For >400, Deduct	*-10.74*	

03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	240.86	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*34.60*	
		For >20 To 50, Add	*12.97*	
		For >100 To 200, Deduct	*-4.82*	
		For >200 To 400, Deduct	*-9.63*	
		For >400, Deduct	*-14.45*	
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	192.08	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*15.08*	
		For >20 To 50, Add	*5.66*	
		For >100 To 200, Deduct	*-3.84*	
		For >200 To 400, Deduct	*-7.68*	
		For >400, Deduct	*-11.52*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	203.16	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*14.37*	
		For >20 To 50, Add	*5.39*	
		For >100 To 200, Deduct	*-4.06*	
		For >200 To 400, Deduct	*-8.13*	
		For >400, Deduct	*-12.19*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	242.89	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*35.41*	
		For >20 To 50, Add	*13.28*	
		For >100 To 200, Deduct	*-4.86*	
		For >200 To 400, Deduct	*-9.72*	
		For >400, Deduct	*-14.57*	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	221.53	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*26.86*	
		For >20 To 50, Add	*10.07*	
		For >100 To 200, Deduct	*-4.43*	
		For >200 To 400, Deduct	*-8.86*	
		For >400, Deduct	*-13.29*	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	192.97	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*15.44*	
		For >20 To 50, Add	*5.79*	
		For >100 To 200, Deduct	*-3.86*	
		For >200 To 400, Deduct	*-7.72*	
		For >400, Deduct	*-11.58*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	183.66	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*11.72*	
		For >20 To 50, Add	*4.39*	
		For >100 To 200, Deduct	*-3.67*	
		For >200 To 400, Deduct	*-7.35*	
		For >400, Deduct	*-11.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	199.41	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*12.87*	
		For >20 To 50, Add	*4.83*	
		For >100 To 200, Deduct	*-3.99*	
		For >200 To 400, Deduct	*-7.98*	
		For >400, Deduct	*-11.96*	
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	191.64	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*9.76*	
		For >20 To 50, Add	*3.66*	
		For >100 To 200, Deduct	*-3.83*	
		For >200 To 400, Deduct	*-7.67*	
		For >400, Deduct	*-11.50*	

03 31 13 00-0039 Place Concrete Duct Bank *(03 31 13 00-0011)*

03 31 13 00-0040	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	186.31	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*12.78*	
		For >20 To 50, Add	*4.79*	
		For >100 To 200, Deduct	*-3.73*	
		For >200 To 400, Deduct	*-7.45*	
		For >400, Deduct	*-11.18*	

03 31 13 00-0041 Place Concrete Stairs *(03 31 13 00-0011)*

03 31 13 00-0042	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	552.63	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*159.30*	
		For >20 To 50, Add	*59.74*	
		For >100 To 200, Deduct	*-11.05*	
		For >200 To 400, Deduct	*-22.11*	
		For >400, Deduct	*-33.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0043	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	328.07	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*69.48*	
		For >20 To 50, Add	*26.06*	
		For >100 To 200, Deduct	*-6.56*	
		For >200 To 400, Deduct	*-13.12*	
		For >400, Deduct	*-19.68*	
03 31 13 00-0044	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	312.00	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*57.90*	
		For >20 To 50, Add	*21.71*	
		For >100 To 200, Deduct	*-6.24*	
		For >200 To 400, Deduct	*-12.48*	
		For >400, Deduct	*-18.72*	

03 31 13 00-0045 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)*
See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0046 Place Elevated Concrete Beams *(03 31 13 00-0045)*

03 31 13 00-0047	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	370.58	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*86.48*	
		For >20 To 50, Add	*32.43*	
		For >100 To 200, Deduct	*-7.41*	
		For >200 To 400, Deduct	*-14.82*	
		For >400, Deduct	*-22.23*	
03 31 13 00-0048	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	257.04	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*35.92*	
		For >20 To 50, Add	*13.47*	
		For >100 To 200, Deduct	*-5.14*	
		For >200 To 400, Deduct	*-10.28*	
		For >400, Deduct	*-15.42*	

03 31 13 00-0049 Place Elevated Concrete Slab *(03 31 13 00-0045)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0050	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	256.16	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*40.72*	
		For >20 To 50, Add	*15.27*	
		For >100 To 200, Deduct	*-5.12*	
		For >200 To 400, Deduct	*-10.25*	
		For >400, Deduct	*-15.37*	
03 31 13 00-0051	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	231.60	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*30.89*	
		For >20 To 50, Add	*11.58*	
		For >100 To 200, Deduct	*-4.63*	
		For >200 To 400, Deduct	*-9.26*	
		For >400, Deduct	*-13.90*	
03 31 13 00-0052	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	209.52	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*16.91*	
		For >20 To 50, Add	*6.34*	
		For >100 To 200, Deduct	*-4.19*	
		For >200 To 400, Deduct	*-8.38*	
		For >400, Deduct	*-12.57*	
03 31 13 00-0053	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	199.32	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*12.83*	
		For >20 To 50, Add	*4.81*	
		For >100 To 200, Deduct	*-3.99*	
		For >200 To 400, Deduct	*-7.97*	
		For >400, Deduct	*-11.96*	

03 31 13 00-0054 Place Concrete Columns *(03 31 13 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0055	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	387.87	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*93.40*	
		For >20 To 50, Add	*35.03*	
		For >100 To 200, Deduct	*-7.76*	
		For >200 To 400, Deduct	*-15.51*	
		For >400, Deduct	*-23.27*	
03 31 13 00-0056	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	324.09	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*67.89*	
		For >20 To 50, Add	*25.46*	
		For >100 To 200, Deduct	*-6.48*	
		For >200 To 400, Deduct	*-12.96*	
		For >400, Deduct	*-19.45*	
03 31 13 00-0057	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	278.48	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*49.64*	
		For >20 To 50, Add	*18.62*	
		For >100 To 200, Deduct	*-5.57*	
		For >200 To 400, Deduct	*-11.14*	
		For >400, Deduct	*-16.71*	
03 31 13 00-0058	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	258.15	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*41.51*	
		For >20 To 50, Add	*15.57*	
		For >100 To 200, Deduct	*-5.16*	
		For >200 To 400, Deduct	*-10.33*	
		For >400, Deduct	*-15.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0059	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	264.23	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*38.80*	
		For >20 To 50, Add	*14.55*	
		For >100 To 200, Deduct	*-5.28*	
		For >200 To 400, Deduct	*-10.57*	
		For >400, Deduct	*-15.85*	
03 31 13 00-0060	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	237.73	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*28.20*	
		For >20 To 50, Add	*10.57*	
		For >100 To 200, Deduct	*-4.75*	
		For >200 To 400, Deduct	*-9.51*	
		For >400, Deduct	*-14.26*	
03 31 13 00-0061	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	218.78	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*20.62*	
		For >20 To 50, Add	*7.73*	
		For >100 To 200, Deduct	*-4.38*	
		For >200 To 400, Deduct	*-8.75*	
		For >400, Deduct	*-13.13*	
03 31 13 00-0062	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	210.34	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*17.24*	
		For >20 To 50, Add	*6.47*	
		For >100 To 200, Deduct	*-4.21*	
		For >200 To 400, Deduct	*-8.41*	
		For >400, Deduct	*-12.62*	

03 31 13 00-0063 Place Concrete Walls *(03 31 13 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0064	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	373.28	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*87.56*	
		For >20 To 50, Add	*32.84*	
		For >100 To 200, Deduct	*-7.47*	
		For >200 To 400, Deduct	*-14.93*	
		For >400, Deduct	*-22.40*	
03 31 13 00-0065	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	355.13	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*80.30*	
		For >20 To 50, Add	*30.11*	
		For >100 To 200, Deduct	*-7.10*	
		For >200 To 400, Deduct	*-14.21*	
		For >400, Deduct	*-21.31*	
03 31 13 00-0066	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	307.61	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*61.30*	
		For >20 To 50, Add	*22.99*	
		For >100 To 200, Deduct	*-6.15*	
		For >200 To 400, Deduct	*-12.30*	
		For >400, Deduct	*-18.46*	
03 31 13 00-0067	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	249.84	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*38.19*	
		For >20 To 50, Add	*14.32*	
		For >100 To 200, Deduct	*-5.00*	
		For >200 To 400, Deduct	*-9.99*	
		For >400, Deduct	*-14.99*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0068	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	230.74	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*30.55*	
		For >20 To 50, Add	*11.46*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.23*	
		For >400, Deduct	*-13.84*	
03 31 13 00-0069	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	221.20	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*26.73*	
		For >20 To 50, Add	*10.02*	
		For >100 To 200, Deduct	*-4.42*	
		For >200 To 400, Deduct	*-8.85*	
		For >400, Deduct	*-13.27*	
03 31 13 00-0070	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	258.16	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*36.37*	
		For >20 To 50, Add	*13.64*	
		For >100 To 200, Deduct	*-5.16*	
		For >200 To 400, Deduct	*-10.33*	
		For >400, Deduct	*-15.49*	
03 31 13 00-0071	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	239.97	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*29.09*	
		For >20 To 50, Add	*10.91*	
		For >100 To 200, Deduct	*-4.80*	
		For >200 To 400, Deduct	*-9.60*	
		For >400, Deduct	*-14.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0072	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	230.89	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*25.46*	
		For >20 To 50, Add	*9.55*	
		For >100 To 200, Deduct	*-4.62*	
		For >200 To 400, Deduct	*-9.24*	
		For >400, Deduct	*-13.85*	

03 31 13 00-0073 Place Elevated Concrete Stairs *(03 31 13 00-0045)*

03 31 13 00-0074	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	596.93	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*177.02*	
		For >20 To 50, Add	*66.38*	
		For >100 To 200, Deduct	*-11.94*	
		For >200 To 400, Deduct	*-23.88*	
		For >400, Deduct	*-35.82*	
03 31 13 00-0075	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	347.36	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*77.20*	
		For >20 To 50, Add	*28.95*	
		For >100 To 200, Deduct	*-6.95*	
		For >200 To 400, Deduct	*-13.89*	
		For >400, Deduct	*-20.84*	
03 31 13 00-0076	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	328.07	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*64.33*	
		For >20 To 50, Add	*24.12*	
		For >100 To 200, Deduct	*-6.56*	
		For >200 To 400, Deduct	*-13.12*	
		For >400, Deduct	*-19.68*	

03 31 13 00-0077 Place Concrete Coping *(03 31 13 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0078	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	612.23	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*183.14*	
		For >20 To 50, Add	*68.68*	
		For >100 To 200, Deduct	*-12.24*	
		For >200 To 400, Deduct	*-24.49*	
		For >400, Deduct	*-36.73*	
03 31 13 00-0079	CY	Direct Chute, Place 3,000 PSI Concrete Coping	346.06	
		For 2,000 PSI Concrete, Deduct	*-8.34*	
		For 2,500 PSI Concrete, Deduct	*-4.17*	
		For 3,500 PSI Concrete, Add	*7.72*	
		For 3,750 PSI Concrete, Add	*10.50*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*15.44*	
		For 5,000 PSI Concrete, Add	*17.60*	
		For 6,000 PSI Concrete, Add	*41.68*	
		For White Cement Concrete, Add	*18.52*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.44*	
		For Lightweight Aggregate, ASTM C330, Add	*46.31*	
		For Up To 20, Add	*76.68*	
		For >20 To 50, Add	*28.75*	
		For >100 To 200, Deduct	*-6.92*	
		For >200 To 400, Deduct	*-13.84*	
		For >400, Deduct	*-20.76*	
03 31 13 00-0080	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	457.60	
		For 2,000 PSI Concrete, Deduct	*-9.03*	
		For 2,500 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Add	*8.36*	
		For 3,750 PSI Concrete, Add	*11.37*	
		For 4,000 PSI Concrete, Add	*14.38*	
		For 4,500 PSI Concrete, Add	*16.72*	
		For 5,000 PSI Concrete, Add	*19.07*	
		For 6,000 PSI Concrete, Add	*45.15*	
		For White Cement Concrete, Add	*20.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*21.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.72*	
		For Lightweight Aggregate, ASTM C330, Add	*50.17*	
		For Up To 20, Add	*116.14*	
		For >20 To 50, Add	*43.55*	
		For >100 To 200, Deduct	*-9.15*	
		For >200 To 400, Deduct	*-18.30*	
		For >400, Deduct	*-27.46*	
03 31 13 00-0081		**Concrete Carts** *(03 31 13 00-0010)* Note: Used to place concrete were necessary.		
03 31 13 00-0082	CY	50' Haul, Non Motorized, Concrete Buggy	23.12	
03 31 13 00-0083	CY	150' Haul, Non Motorized, Concrete Buggy	30.95	
03 31 13 00-0084	CY	250' Haul, Non Motorized, Concrete Buggy	41.28	
03 31 13 00-0085	CY	50' Haul, Motorized, Concrete Buggy	10.40	
03 31 13 00-0086	CY	150' Haul, Motorized, Concrete Buggy	13.96	
03 31 13 00-0087	CY	250' Haul, Motorized, Concrete Buggy	18.60	
03 31 13 00-0088		**Delivery Fee For Small Concrete Purchases (Short Load)** *(03 31 13)*		
03 31 13 00-0089	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	30.78	
03 31 13 00-0090		**Equipment Pads** *(03 31 13)*		
03 31 13 00-0091		**Small Concrete Equipment Housekeeping Pad Assemblies** *(03 31 13 00-0090)* Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0092	SF	4" Equipment Pad With Welded Wire Reinforcement	17.71	
		For >5 To 20 Pads, Deduct	*-2.14*	
		For >20 To 50 Pads, Deduct	*-3.92*	
		For >50 Pads, Deduct	*-5.70*	
03 31 13 00-0093	SF	4" Equipment Pad With Rebar	21.98	
		For >5 To 20 Pads, Deduct	*-2.47*	
		For >20 To 50 Pads, Deduct	*-4.52*	
		For >50 Pads, Deduct	*-6.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0094	SF	6" Equipment Pad With Rebar	27.76	
		For >5 To 20 Pads, Deduct	*-3.10*	
		For >20 To 50 Pads, Deduct	*-5.68*	
		For >50 Pads, Deduct	*-8.27*	
03 31 13 00-0095	SF	8" Equipment Pad With Rebar	34.90	
		For >5 To 20 Pads, Deduct	*-3.94*	
		For >20 To 50 Pads, Deduct	*-7.22*	
		For >50 Pads, Deduct	*-10.50*	

03 31 16 Lightweight Structural Concrete *(03 31)*

03 31 16 00-0001 Low Density Cellular / Foam Concrete Fill *(03 31 16)*

03 31 16 00-0002	CY	Lightweight Low Density Cellular/Foam Concrete, 100 To 120 PCF Density Range	218.27	

03 35 Concrete Finishing *(03 30)*

03 35 13 High-Tolerance Concrete Floor Finishing *(03 35)*

03 35 13 00-0001 Floor Finishes *(03 35 13)*

Note: Task is for final finish type and includes all required prior finishes.

03 35 13 00-0002	SF	Screed, Concrete Floor Finish	0.94	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.24*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.12	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.28*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.11*	
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.24	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.44	
		For Up To 100, Add	*2.88*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.36*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.14*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.63	
		For Up To 100, Add	*3.26*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.44	
		For Up To 100, Add	*2.88*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.36*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.14*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.16
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.78
03 35 16 00-0004	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	1.10
03 35 16 00-0005	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.32

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.50
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.03
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.35
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.37

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	3.07

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 26		**Grooved Concrete Surface Finishing** *(03 35)*			
03 35 26 00-0001		Ramp, Grooved Concrete Surface Finishing *(03 35 26)*			
03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing		4.43	
03 35 29		**Tooled Concrete Finishing** *(03 35)*			
03 35 29 00-0001		Solid Board Concrete Finish *(03 35 29)*			
03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork		13.86	
03 35 29 00-0003		Marblecrete Finishes *(03 35 29)*			
03 35 29 00-0004	SF	2" Thick Marblecrete And Finish		37.36	
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish		50.10	
03 35 33		**Stamped Concrete Finishing** *(03 35)*			
03 35 33 00-0001		Stamped Concrete Finishes *(03 35 33)*			
03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish		3.77	
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish		3.42	
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish		3.27	
03 35 43		**Polished Concrete Finishing** *(03 35)*			
03 35 43 00-0001		Concrete Floor Polishing System *(03 35 43)*			
		Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.			
03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels		1.77	
		For Up To 500, Add		*3.36*	
		For >500 To 1,000, Add		*3.11*	
		For >1,000 To 2,500, Add		*2.06*	
		For >2,500 To 4,000, Add		*1.07*	
		For >8,000 To 15,000, Deduct		*-0.42*	
		For >15,000 To 25,000, Deduct		*-0.53*	
		For >25,000, Deduct		*-0.74*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels		1.42	
		For Up To 500, Add		*2.68*	
		For >500 To 1,000, Add		*2.48*	
		For >1,000 To 2,500, Add		*1.64*	
		For >2,500 To 4,000, Add		*0.86*	
		For >8,000 To 15,000, Deduct		*-0.33*	
		For >15,000 To 25,000, Deduct		*-0.42*	
		For >25,000, Deduct		*-0.59*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels		1.20	
		For Up To 500, Add		*2.25*	
		For >500 To 1,000, Add		*2.09*	
		For >1,000 To 2,500, Add		*1.38*	
		For >2,500 To 4,000, Add		*0.72*	
		For >8,000 To 15,000, Deduct		*-0.28*	
		For >15,000 To 25,000, Deduct		*-0.35*	
		For >25,000, Deduct		*-0.50*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels		1.11	
		For Up To 500, Add		*2.08*	
		For >500 To 1,000, Add		*1.93*	
		For >1,000 To 2,500, Add		*1.27*	
		For >2,500 To 4,000, Add		*0.66*	
		For >8,000 To 15,000, Deduct		*-0.26*	
		For >15,000 To 25,000, Deduct		*-0.33*	
		For >25,000, Deduct		*-0.46*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels		1.03	
		For Up To 500, Add		*1.92*	
		For >500 To 1,000, Add		*1.78*	
		For >1,000 To 2,500, Add		*1.18*	
		For >2,500 To 4,000, Add		*0.61*	
		For >8,000 To 15,000, Deduct		*-0.24*	
		For >15,000 To 25,000, Deduct		*-0.30*	
		For >25,000, Deduct		*-0.43*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels		1.03	
		For Up To 500, Add		*1.92*	
		For >500 To 1,000, Add		*1.78*	
		For >1,000 To 2,500, Add		*1.18*	
		For >2,500 To 4,000, Add		*0.61*	
		For >8,000 To 15,000, Deduct		*-0.24*	
		For >15,000 To 25,000, Deduct		*-0.30*	
		For >25,000, Deduct		*-0.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.03	
		For Up To 500, Add	*1.92*	
		For >500 To 1,000, Add	*1.78*	
		For >1,000 To 2,500, Add	*1.18*	
		For >2,500 To 4,000, Add	*0.61*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.30*	
		For >25,000, Deduct	*-0.43*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.03	
		For Up To 500, Add	*1.92*	
		For >500 To 1,000, Add	*1.78*	
		For >1,000 To 2,500, Add	*1.18*	
		For >2,500 To 4,000, Add	*0.61*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.30*	
		For >25,000, Deduct	*-0.43*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.26	
		For Up To 500, Add	*0.43*	
		For >500 To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.26*	
		For >2,500 To 4,000, Add	*0.14*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier	0.49	
		For Up To 500, Add	*0.52*	
		For >500 To 1,000, Add	*0.49*	
		For >1,000 To 2,500, Add	*0.32*	
		For >2,500 To 4,000, Add	*0.17*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.08*	
		For >25,000, Deduct	*-0.12*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector	0.82	
		For Up To 500, Add	*0.76*	
		For >500 To 1,000, Add	*0.70*	
		For >1,000 To 2,500, Add	*0.46*	
		For >2,500 To 4,000, Add	*0.24*	
		For >8,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 25,000, Deduct	*-0.12*	
		For >25,000, Deduct	*-0.17*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.14	
		For Up To 500, Add	*0.27*	
		For >500 To 1,000, Add	*0.25*	
		For >1,000 To 2,500, Add	*0.17*	
		For >2,500 To 4,000, Add	*0.09*	
		For >8,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 25,000, Deduct	*-0.04*	
		For >25,000, Deduct	*-0.06*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.29	
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.18	
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.92	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.04*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.66	
		For Up To 100, Add	*3.14*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.39*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.48	
		For Up To 100, Add	*4.70*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.59*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.24*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.01	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.05*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	5.01	
		For Up To 100, Add	*9.94*	
		For >100 To 250, Add	*2.49*	
		For >250 To 500, Add	*1.24*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.50*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	7.77	
		For Up To 100, Add	*15.36*	
		For >100 To 250, Add	*3.84*	
		For >250 To 500, Add	*1.92*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000, Deduct	*-0.77*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.95	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.24	
		For Up To 100, Add	*6.26*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.78*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.31*	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	4.94	
		For Up To 100, Add	*9.66*	
		For >100 To 250, Add	*2.42*	
		For >250 To 500, Add	*1.21*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000, Deduct	*-0.48*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes Note: 4.5 Lbs of sand or abrasive material per SF	5.07	
		For Up To 100, Add	*8.22*	
		For >100 To 250, Add	*2.06*	
		For >250 To 500, Add	*1.03*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.41*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes Note: 9 Lbs of sand abrasive material per SF	10.14	
		For Up To 100, Add	*16.42*	
		For >100 To 250, Add	*4.11*	
		For >250 To 500, Add	*2.05*	
		For >5,000 To 10,000, Deduct	*-0.41*	
		For >10,000, Deduct	*-0.82*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.26	
		For Up To 25, Add	*0.61*	
		For >25 To 50, Add	*0.36*	
		For >50 To 150, Add	*0.14*	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	6.15	
		For Up To 25, Add	*1.13*	
		For >25 To 50, Add	*0.65*	
		For >50 To 150, Add	*0.26*	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	8.70	
		For Up To 25, Add	*1.57*	
		For >25 To 50, Add	*0.90*	
		For >50 To 150, Add	*0.35*	
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	10.98	
		For Up To 25, Add	*1.94*	
		For >25 To 50, Add	*1.11*	
		For >50 To 150, Add	*0.42*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced		14.87	
		For Up To 25, Add		*2.51*	
		For >25 To 50, Add		*1.42*	
		For >50 To 150, Add		*0.51*	

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed		3.57	
		For Radius Or Irregular Surface, Add		*1.06*	
		For Up To 25, Add		*0.75*	
		For >25 To 50, Add		*0.44*	
		For >50 To 150, Add		*0.20*	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed		6.59	
		For Radius Or Irregular Surface, Add		*1.90*	
		For Up To 25, Add		*1.37*	
		For >25 To 50, Add		*0.81*	
		For >50 To 150, Add		*0.36*	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed		9.17	
		For Radius Or Irregular Surface, Add		*2.57*	
		For Up To 25, Add		*1.88*	
		For >25 To 50, Add		*1.10*	
		For >50 To 150, Add		*0.48*	
03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed		11.36	
		For Radius Or Irregular Surface, Add		*3.08*	
		For Up To 25, Add		*2.29*	
		For >25 To 50, Add		*1.34*	
		For >50 To 150, Add		*0.58*	
03 37 13 00-0012	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed		13.24	
		For Radius Or Irregular Surface, Add		*3.46*	
		For Up To 25, Add		*2.62*	
		For >25 To 50, Add		*1.53*	
		For >50 To 150, Add		*0.65*	
03 37 13 00-0013	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed		14.85	
		For Radius Or Irregular Surface, Add		*3.74*	
		For Up To 25, Add		*2.89*	
		For >25 To 50, Add		*1.68*	
		For >50 To 150, Add		*0.70*	
03 37 13 00-0014	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed		18.55	
		For Radius Or Irregular Surface, Add		*4.49*	
		For Up To 25, Add		*3.54*	
		For >25 To 50, Add		*2.05*	
		For >50 To 150, Add		*0.84*	
03 37 13 00-0015	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed		21.78	
		For Radius Or Irregular Surface, Add		*5.05*	
		For Up To 25, Add		*4.07*	
		For >25 To 50, Add		*2.35*	
		For >50 To 150, Add		*0.95*	
03 37 13 00-0016	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed		24.62	
		For Radius Or Irregular Surface, Add		*5.46*	
		For Up To 25, Add		*4.51*	
		For >25 To 50, Add		*2.60*	
		For >50 To 150, Add		*1.02*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)		173.08	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)		184.44	
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)		225.46	
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)		251.00	
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)		277.35	
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)		333.17	
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)		366.47	
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)		447.13	
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses		126.21	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.		0.33	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets		30.90	

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket		285.26	
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket		35.25	

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane		339.19	271.38
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane		377.06	301.59
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane		400.38	320.29
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane		424.45	339.58
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane		454.24	363.37
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane		485.46	388.37
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane		521.30	417.01
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane		566.96	453.54
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane		616.45	493.22

03 41 16 00-0012 Material Cost *(03 41 16 00-0001)*

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect		29.12	
		For 3,500 PSI Concrete, Add		*0.58*	
		For 4,000 PSI Concrete, Add		*0.87*	
		For 4,500 PSI Concrete, Add		*1.16*	
		For 5,000 PSI Concrete, Add		*1.75*	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect		34.95	
		For 3,500 PSI Concrete, Add		*0.70*	
		For 4,000 PSI Concrete, Add		*1.05*	
		For 4,500 PSI Concrete, Add		*1.40*	
		For 5,000 PSI Concrete, Add		*2.10*	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect		42.71	
		For 3,500 PSI Concrete, Add		*0.85*	
		For 4,000 PSI Concrete, Add		*1.28*	
		For 4,500 PSI Concrete, Add		*1.71*	
		For 5,000 PSI Concrete, Add		*2.56*	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect		56.69	
		For 3,500 PSI Concrete, Add		*1.13*	
		For 4,000 PSI Concrete, Add		*1.70*	
		For 4,500 PSI Concrete, Add		*2.27*	
		For 5,000 PSI Concrete, Add		*3.40*	

03 41 16 00-0017 Floor Units, Combination Beam And Slab *(03 41 16)*

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane		416.52	333.20
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane		453.98	363.23
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane		501.77	401.37
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane		557.15	445.69
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane		626.29	500.99

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane		532.64	426.14
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane		580.55	464.41
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane		641.65	513.37
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane		712.49	570.02
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane		800.90	640.79
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane		870.83	696.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	962.49	769.99
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,065.28	852.27
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,205.75	964.60

03 41 16 00-0034 Material Cost *(03 41 16 00-0017)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab *(03 41 16 00-0034)*

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,067.63
		For 3,500 PSI Concrete, Add	*61.35*
		For 4,000 PSI Concrete, Add	*92.03*
		For 4,500 PSI Concrete, Add	*122.71*
		For 5,000 PSI Concrete, Add	*184.06*
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,106.46
		For 3,500 PSI Concrete, Add	*62.13*
		For 4,000 PSI Concrete, Add	*93.19*
		For 4,500 PSI Concrete, Add	*124.26*
		For 5,000 PSI Concrete, Add	*186.39*
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	3,494.77
		For 3,500 PSI Concrete, Add	*69.90*
		For 4,000 PSI Concrete, Add	*104.84*
		For 4,500 PSI Concrete, Add	*139.79*
		For 5,000 PSI Concrete, Add	*209.69*

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,145.29
		For 3,500 PSI Concrete, Add	*62.91*
		For 4,000 PSI Concrete, Add	*94.36*
		For 4,500 PSI Concrete, Add	*125.81*
		For 5,000 PSI Concrete, Add	*188.72*
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,261.78
		For 3,500 PSI Concrete, Add	*65.24*
		For 4,000 PSI Concrete, Add	*97.85*
		For 4,500 PSI Concrete, Add	*130.47*
		For 5,000 PSI Concrete, Add	*195.71*
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,154.89
		For 3,500 PSI Concrete, Add	*83.10*
		For 4,000 PSI Concrete, Add	*124.65*
		For 4,500 PSI Concrete, Add	*166.20*
		For 5,000 PSI Concrete, Add	*249.29*

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,261.78
		For 3,500 PSI Concrete, Add	*65.24*
		For 4,000 PSI Concrete, Add	*97.85*
		For 4,500 PSI Concrete, Add	*130.47*
		For 5,000 PSI Concrete, Add	*195.71*
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,883.07
		For 3,500 PSI Concrete, Add	*77.66*
		For 4,000 PSI Concrete, Add	*116.49*
		For 4,500 PSI Concrete, Add	*155.32*
		For 5,000 PSI Concrete, Add	*232.98*
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,737.35
		For 3,500 PSI Concrete, Add	*94.75*
		For 4,000 PSI Concrete, Add	*142.12*
		For 4,500 PSI Concrete, Add	*189.49*
		For 5,000 PSI Concrete, Add	*284.24*

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	336.68	269.37
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	374.28	299.36
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	421.32	337.07
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	450.88	360.69
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	481.88	385.51
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	517.45	413.93
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	562.78	450.19
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	611.91	489.58

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	374.68	299.71

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	416.52	333.20
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	468.87	375.15
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	501.77	401.37
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	536.27	429.01
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	575.85	460.71
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	626.29	500.99
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	680.97	544.73
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	752.65	602.16
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	833.03	666.39
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	942.89	754.34
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,072.53	858.02
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	1,243.51	994.83

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	38.83
		For 3,500 PSI Concrete, Add	*0.78*
		For 4,000 PSI Concrete, Add	*1.16*
		For 4,500 PSI Concrete, Add	*1.55*
		For 5,000 PSI Concrete, Add	*2.33*
		For White Facing, Add	*7.77*
		For Solid White Through Thickness, Add	*7.77*
		For Broken Rib Finish, Add	*3.88*
		For Fluted Surface, Add	*3.88*
		For Exposed Aggregate, Add	*7.77*
		For Sandblasting Of Surface, Add	*3.88*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	47.76
		For 3,500 PSI Concrete, Add	*0.96*
		For 4,000 PSI Concrete, Add	*1.43*
		For 4,500 PSI Concrete, Add	*1.91*
		For 5,000 PSI Concrete, Add	*2.87*
		For White Facing, Add	*9.55*
		For Solid White Through Thickness, Add	*9.55*
		For Broken Rib Finish, Add	*4.78*
		For Fluted Surface, Add	*4.78*
		For Exposed Aggregate, Add	*9.55*
		For Sandblasting Of Surface, Add	*4.78*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	57.47
		For 3,500 PSI Concrete, Add	*1.15*
		For 4,000 PSI Concrete, Add	*1.72*
		For 4,500 PSI Concrete, Add	*2.30*
		For 5,000 PSI Concrete, Add	*3.45*
		For White Facing, Add	*11.49*
		For Solid White Through Thickness, Add	*11.49*
		For Broken Rib Finish, Add	*5.75*
		For Fluted Surface, Add	*5.75*
		For Exposed Aggregate, Add	*11.49*
		For Sandblasting Of Surface, Add	*5.75*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	75.72
		For 3,500 PSI Concrete, Add	*1.51*
		For 4,000 PSI Concrete, Add	*2.27*
		For 4,500 PSI Concrete, Add	*3.03*
		For 5,000 PSI Concrete, Add	*4.54*
		For White Facing, Add	*15.14*
		For Solid White Through Thickness, Add	*15.14*
		For Broken Rib Finish, Add	*7.57*
		For Fluted Surface, Add	*7.57*
		For Exposed Aggregate, Add	*15.14*
		For Sandblasting Of Surface, Add	*7.57*
		For 2" Polystyrene Insulation, Add	*1.15*

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	266.47	213.13
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	296.22	237.00
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	333.44	266.74
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	381.37	305.10
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	409.53	327.65
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	445.40	356.32
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	484.29	387.47
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	535.26	428.23

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	336.68	269.37
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	374.28	299.36
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	421.32	337.07
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	481.88	385.51
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	517.45	413.93
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	562.78	450.19
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	611.91	489.58
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	676.33	541.03
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	748.55	598.85
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	847.26	677.76
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	963.76	771.00
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	1,117.40	893.89

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	36.89
		For 4,000 PSI Concrete, Add	*1.11*
		For 4,500 PSI Concrete, Add	*1.48*
		For 5,000 PSI Concrete, Add	*2.21*
		For White Facing, Add	*7.38*
		For Solid White Through Thickness, Add	*7.38*
		For Broken Rib Finish, Add	*3.69*
		For Fluted Surface, Add	*3.69*
		For Exposed Aggregate, Add	*7.38*
		For Sandblasting Of Surface, Add	*3.69*
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	45.43
		For 4,000 PSI Concrete, Add	*1.36*
		For 4,500 PSI Concrete, Add	*1.82*
		For 5,000 PSI Concrete, Add	*2.73*
		For White Facing, Add	*9.09*
		For Solid White Through Thickness, Add	*9.09*
		For Broken Rib Finish, Add	*4.54*
		For Fluted Surface, Add	*4.54*
		For Exposed Aggregate, Add	*9.09*
		For Sandblasting Of Surface, Add	*4.54*
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	54.36
		For 4,000 PSI Concrete, Add	*1.63*
		For 4,500 PSI Concrete, Add	*2.17*
		For 5,000 PSI Concrete, Add	*3.26*
		For White Facing, Add	*10.87*
		For Solid White Through Thickness, Add	*10.87*
		For Broken Rib Finish, Add	*5.44*
		For Fluted Surface, Add	*5.44*
		For Exposed Aggregate, Add	*10.87*
		For Sandblasting Of Surface, Add	*5.44*
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	71.84
		For 4,000 PSI Concrete, Add	*2.16*
		For 4,500 PSI Concrete, Add	*2.87*
		For 5,000 PSI Concrete, Add	*4.31*
		For White Facing, Add	*14.37*
		For Solid White Through Thickness, Add	*14.37*
		For Broken Rib Finish, Add	*7.18*
		For Fluted Surface, Add	*7.18*
		For Exposed Aggregate, Add	*14.37*
		For Sandblasting Of Surface, Add	*7.18*

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	355.30	284.19
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	397.43	317.92
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	450.88	360.69
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	481.88	385.51
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	517.45	413.93
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	562.78	450.19
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	611.91	489.58
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	676.33	541.03

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	395.40	316.27
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	442.28	353.81
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	501.77	401.37
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	536.27	429.01
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	575.85	460.71
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	626.29	500.99
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	680.97	544.73

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	752.65	602.16
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	833.03	666.39
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	942.89	754.34
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,072.53	858.02
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,243.51	994.83

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	36.89
		For 3,500 PSI Concrete, Add	*0.74*
		For 4,000 PSI Concrete, Add	*1.11*
		For 4,500 PSI Concrete, Add	*1.48*
		For 5,000 PSI Concrete, Add	*2.21*
		For White Facing, Add	*7.38*
		For Solid White Through Thickness, Add	*7.38*
		For Broken Rib Finish, Add	*3.69*
		For Fluted Surface, Add	*3.69*
		For Exposed Aggregate, Add	*7.38*
		For Sandblasting Of Surface, Add	*3.69*
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	45.43
		For 3,500 PSI Concrete, Add	*0.91*
		For 4,000 PSI Concrete, Add	*1.36*
		For 4,500 PSI Concrete, Add	*1.82*
		For 5,000 PSI Concrete, Add	*2.73*
		For White Facing, Add	*9.09*
		For Solid White Through Thickness, Add	*9.09*
		For Broken Rib Finish, Add	*4.54*
		For Fluted Surface, Add	*4.54*
		For Exposed Aggregate, Add	*9.09*
		For Sandblasting Of Surface, Add	*4.54*
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	54.36
		For 3,500 PSI Concrete, Add	*1.09*
		For 4,000 PSI Concrete, Add	*1.63*
		For 4,500 PSI Concrete, Add	*2.17*
		For 5,000 PSI Concrete, Add	*3.26*
		For White Facing, Add	*10.87*
		For Solid White Through Thickness, Add	*10.87*
		For Broken Rib Finish, Add	*5.44*
		For Fluted Surface, Add	*5.44*
		For Exposed Aggregate, Add	*10.87*
		For Sandblasting Of Surface, Add	*5.44*
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	71.84
		For 3,500 PSI Concrete, Add	*1.44*
		For 4,000 PSI Concrete, Add	*2.16*
		For 4,500 PSI Concrete, Add	*2.87*
		For 5,000 PSI Concrete, Add	*4.31*
		For White Facing, Add	*14.37*
		For Solid White Through Thickness, Add	*14.37*
		For Broken Rib Finish, Add	*7.18*
		For Fluted Surface, Add	*7.18*
		For Exposed Aggregate, Add	*14.37*
		For Sandblasting Of Surface, Add	*7.18*

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	355.30	284.19
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	397.43	317.92
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	450.88	360.69
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	481.88	385.51
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	517.45	413.93
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	562.78	450.19
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	611.91	489.58
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	676.33	541.03

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	357.95	286.30
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	400.38	320.29
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	454.24	363.37
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	485.46	388.37
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	521.30	417.01
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	566.96	453.54
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	616.45	493.22
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	681.35	545.05
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	754.12	603.31
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	853.56	682.80
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	970.92	776.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,125.71	900.53

03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	50.48
		For 3,500 PSI Concrete, Add	*1.01*
		For 4,000 PSI Concrete, Add	*1.51*
		For 4,500 PSI Concrete, Add	*2.02*
		For 5,000 PSI Concrete, Add	*3.03*
		For White Facing, Add	*10.10*
		For Solid White Through Thickness, Add	*10.10*
		For Broken Rib Finish, Add	*5.05*
		For Fluted Surface, Add	*5.05*
		For Exposed Aggregate, Add	*10.10*
		For Sandblasting Of Surface, Add	*5.05*
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	59.41
		For 3,500 PSI Concrete, Add	*1.19*
		For 4,000 PSI Concrete, Add	*1.78*
		For 4,500 PSI Concrete, Add	*2.38*
		For 5,000 PSI Concrete, Add	*3.56*
		For White Facing, Add	*11.88*
		For Solid White Through Thickness, Add	*11.88*
		For Broken Rib Finish, Add	*5.94*
		For Fluted Surface, Add	*5.94*
		For Exposed Aggregate, Add	*11.88*
		For Sandblasting Of Surface, Add	*5.94*
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	69.12
		For 3,500 PSI Concrete, Add	*1.38*
		For 4,000 PSI Concrete, Add	*2.07*
		For 4,500 PSI Concrete, Add	*2.76*
		For 5,000 PSI Concrete, Add	*4.15*
		For White Facing, Add	*13.82*
		For Solid White Through Thickness, Add	*13.82*
		For Broken Rib Finish, Add	*6.91*
		For Fluted Surface, Add	*6.91*
		For Exposed Aggregate, Add	*13.82*
		For Sandblasting Of Surface, Add	*6.91*
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	87.37
		For 3,500 PSI Concrete, Add	*1.75*
		For 4,000 PSI Concrete, Add	*2.62*
		For 4,500 PSI Concrete, Add	*3.49*
		For 5,000 PSI Concrete, Add	*5.24*
		For White Facing, Add	*17.47*
		For Solid White Through Thickness, Add	*17.47*
		For Broken Rib Finish, Add	*8.74*
		For Fluted Surface, Add	*8.74*
		For Exposed Aggregate, Add	*17.47*
		For Sandblasting Of Surface, Add	*8.74*

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	374.28	299.36
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	397.43	317.92
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	421.32	337.07
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	450.88	360.69
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	481.88	385.51
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	517.45	413.93
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	562.78	450.19
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	611.91	489.58

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	374.28	299.36
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	397.43	317.92
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	421.32	337.07
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	450.88	360.69
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	481.88	385.51
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	517.45	413.93
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	562.78	450.19
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	611.91	489.58

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser		778.21	
		For 3,500 PSI Concrete, Add		*101.56*	
		For 4,000 PSI Concrete, Add		*190.82*	
		For 4,500 PSI Concrete, Add		*280.47*	
		For 5,000 PSI Concrete, Add		*381.56*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane		468.87	375.15
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane		501.77	401.37
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane		536.27	429.01
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane		575.85	460.71

03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane		599.58	479.63
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane		641.65	513.37
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane		685.77	548.62
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane		736.40	589.08
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane		800.90	640.79
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane		870.83	696.61
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane		962.49	769.99
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane		1,065.28	852.27

03 41 26 00-0016 Material Cost *(03 41 26 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 26 00-0017 1,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI		155.62	
		For 3,500 PSI Concrete, Add		*4.25*	
		For 4,000 PSI Concrete, Add		*6.38*	
		For 4,500 PSI Concrete, Add		*8.50*	
		For 5,000 PSI Concrete, Add		*12.76*	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI		194.52	
		For 3,500 PSI Concrete, Add		*5.31*	
		For 4,000 PSI Concrete, Add		*7.98*	
		For 4,500 PSI Concrete, Add		*10.62*	
		For 5,000 PSI Concrete, Add		*15.95*	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI		233.43	
		For 3,500 PSI Concrete, Add		*6.37*	
		For 4,000 PSI Concrete, Add		*9.57*	
		For 4,500 PSI Concrete, Add		*12.75*	
		For 5,000 PSI Concrete, Add		*19.14*	

03 41 26 00-0021 3,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI		194.52	
		For 3,500 PSI Concrete, Add		*5.31*	
		For 4,000 PSI Concrete, Add		*7.98*	
		For 4,500 PSI Concrete, Add		*10.62*	
		For 5,000 PSI Concrete, Add		*15.95*	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI		233.43	
		For 3,500 PSI Concrete, Add		*6.37*	
		For 4,000 PSI Concrete, Add		*9.57*	
		For 4,500 PSI Concrete, Add		*12.75*	
		For 5,000 PSI Concrete, Add		*19.14*	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI		311.24	
		For 3,500 PSI Concrete, Add		*8.50*	
		For 4,000 PSI Concrete, Add		*12.76*	
		For 4,500 PSI Concrete, Add		*16.99*	
		For 5,000 PSI Concrete, Add		*25.52*	

03 41 26 00-0025 5,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI		272.33	
		For 3,500 PSI Concrete, Add		*7.43*	
		For 4,000 PSI Concrete, Add		*11.17*	
		For 4,500 PSI Concrete, Add		*14.87*	
		For 5,000 PSI Concrete, Add		*22.33*	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI		311.24	
		For 3,500 PSI Concrete, Add		*8.50*	
		For 4,000 PSI Concrete, Add		*12.76*	
		For 4,500 PSI Concrete, Add		*16.99*	
		For 5,000 PSI Concrete, Add		*25.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	389.05	
		For 3,500 PSI Concrete, Add	*10.62*	
		For 4,000 PSI Concrete, Add	*15.95*	
		For 4,500 PSI Concrete, Add	*21.24*	
		For 5,000 PSI Concrete, Add	*31.90*	
03 41 26 00-0029		**Precast Concrete Columns** *(03 41 26)*		
03 41 26 00-0030		**Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0029)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	271.59	217.24
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	288.75	230.96
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	309.45	247.58
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	331.94	265.55
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	357.95	286.30
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	388.37	310.69
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	424.45	339.58
03 41 26 00-0038		**Material Cost** *(03 41 26 00-0029)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
03 41 26 00-0039		**12" x 12" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	805.45	
		For 3,500 PSI Concrete, Add	*60.41*	
		For 4,000 PSI Concrete, Add	*113.57*	
		For 4,500 PSI Concrete, Add	*167.53*	
		For 5,000 PSI Concrete, Add	*227.94*	
03 41 26 00-0041		**16" x 16" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	825.34	
		For 3,500 PSI Concrete, Add	*61.90*	
		For 4,000 PSI Concrete, Add	*116.37*	
		For 4,500 PSI Concrete, Add	*171.67*	
		For 5,000 PSI Concrete, Add	*233.57*	
03 41 26 00-0043		**20" x 20" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	826.93	
		For 3,500 PSI Concrete, Add	*62.02*	
		For 4,000 PSI Concrete, Add	*116.60*	
		For 4,500 PSI Concrete, Add	*172.00*	
		For 5,000 PSI Concrete, Add	*234.02*	
03 41 26 00-0045		**24" x 24" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	826.93	
		For 3,500 PSI Concrete, Add	*62.02*	
		For 4,000 PSI Concrete, Add	*116.60*	
		For 4,500 PSI Concrete, Add	*172.00*	
		For 5,000 PSI Concrete, Add	*234.02*	
03 41 26 00-0047		**28" x 28" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	826.93	
		For 3,500 PSI Concrete, Add	*62.02*	
		For 4,000 PSI Concrete, Add	*116.60*	
		For 4,500 PSI Concrete, Add	*172.00*	
		For 5,000 PSI Concrete, Add	*234.02*	
03 41 26 00-0049		**32" x 32" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	825.34	
		For 3,500 PSI Concrete, Add	*61.90*	
		For 4,000 PSI Concrete, Add	*116.37*	
		For 4,500 PSI Concrete, Add	*171.67*	
		For 5,000 PSI Concrete, Add	*233.57*	
03 41 26 00-0051		**36" x 36" Column, Square, Tied** *(03 41 26 00-0038)*		
03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	826.93	
		For 3,500 PSI Concrete, Add	*62.02*	
		For 4,000 PSI Concrete, Add	*116.60*	
		For 4,500 PSI Concrete, Add	*172.00*	
		For 5,000 PSI Concrete, Add	*234.02*	
03 41 33		**Precast Structural Pretensioned Concrete** *(03 41)*		
03 41 33 00-0001		**Slabs, Roof And Floor Members** *(03 41 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	16.51	2.19
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	20.55	2.19
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	24.62	2.29
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	28.70	2.41
03 41 33 00-0006		Tee Members *(03 41 33)*		
03 41 33 00-0007		Multiple Tee, Roof And Floor *(03 41 33 00-0006)*		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	37.03	2.84
03 41 33 00-0009		Double Tee Wall Member *(03 41 33 00-0006)*		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	52.51	7.76
03 41 33 00-0011		Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	43.57	4.70
03 41 33 00-0013		Single Tee, Long Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	52.24	4.04
03 41 33 00-0015		Prestressed Concrete Items *(03 41 33)*		
03 41 33 00-0016		Prestressed Quad Tee *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	26.78	0.87
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	27.95	0.87
03 41 33 00-0019		Prestressed Double Tee *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members, 60' Span	44.51	0.77
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members, 80' Span	61.30	0.77
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	30.39	1.31
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	47.06	0.87
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	32.95	1.74
03 41 33 00-0025		Prestressed Single Tee *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	52.70	1.97
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	61.02	1.20
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	80.73	1.09
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	85.01	1.09
03 41 33 00-0030		Prestressed Double Tee Floor Members *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	13,622.61	314.52
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	14,833.55	349.47
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	24,810.16	393.14
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,337.96	286.01
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,007.90	314.52
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	8,953.40	314.52
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	9,969.80	349.47
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	12,748.04	393.14
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	22,935.13	449.50
03 41 33 00-0040		Prestressed Double Tee Roof Members *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	10,704.36	314.52
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	14,055.35	349.47
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	23,059.21	393.14
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,166.73	286.01
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	7,552.64	314.52
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	8,369.75	314.52
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	8,607.94	349.47
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	11,386.19	393.14
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	19,627.77	449.50
03 41 33 00-0050		Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	28.30	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	29.46	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	30.84	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	31.86	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	34.06	
03 41 33 00-0056		Double And Single Tees *(03 41 33)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0057		Double And Single Tees With 16" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	34.21	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	33.39	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	31.54	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	34.21	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	34.09	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	52.42	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	51.25	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	48.00	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	52.42	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	49.15	
03 41 33 00-0068		Double And Single Tees With 24" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	35.26	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	34.44	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	33.29	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	35.26	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	34.09	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	53.82	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	52.65	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	50.80	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	53.82	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	52.30	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	37.19	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	36.02	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	34.85	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	57.15	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	55.28	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	53.06	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001		Precast Concrete Splash Blocks *(03 48 16)*		
03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	36.48	3.71

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001		Installation Cost *(03 48 21)*		
		Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	151.49	68.20
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	181.68	81.73
03 48 21 00-0004		Material Cost *(03 48 21)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,074.00	
		For 3,500 PSI Concrete, Add	*200.58*	
		For 4,000 PSI Concrete, Add	*376.87*	
		For 4,500 PSI Concrete, Add	*553.93*	
		For 5,000 PSI Concrete, Add	*753.59*	
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,190.73	
		For 3,500 PSI Concrete, Add	*208.20*	
		For 4,000 PSI Concrete, Add	*391.18*	
		For 4,500 PSI Concrete, Add	*574.97*	
		For 5,000 PSI Concrete, Add	*782.21*	
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,307.46	
		For 3,500 PSI Concrete, Add	*215.81*	
		For 4,000 PSI Concrete, Add	*405.49*	
		For 4,500 PSI Concrete, Add	*596.00*	
		For 5,000 PSI Concrete, Add	*810.82*	
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,463.11	
		For 3,500 PSI Concrete, Add	*225.97*	
		For 4,000 PSI Concrete, Add	*424.58*	
		For 4,500 PSI Concrete, Add	*624.05*	
		For 5,000 PSI Concrete, Add	*848.98*	

03 48 22 Precast Concrete Sun Screen and Trellis *(03 48)*

03 48 22 00-0001		Sun Screen Blades *(03 48 22)*		
03 48 22 00-0002		Installation Cost *(03 48 22 00-0001)*		
		Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	75.75	34.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	91.00	40.92
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	113.70	51.21

03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,268.55	
		For 3,500 PSI Concrete, Add	*213.27*	
		For 4,000 PSI Concrete, Add	*400.72*	
		For 4,500 PSI Concrete, Add	*588.99*	
		For 5,000 PSI Concrete, Add	*801.29*	
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,385.29	
		For 3,500 PSI Concrete, Add	*220.89*	
		For 4,000 PSI Concrete, Add	*415.04*	
		For 4,500 PSI Concrete, Add	*610.03*	
		For 5,000 PSI Concrete, Add	*829.90*	
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,540.93	
		For 3,500 PSI Concrete, Add	*231.05*	
		For 4,000 PSI Concrete, Add	*434.12*	
		For 4,500 PSI Concrete, Add	*638.08*	
		For 5,000 PSI Concrete, Add	*868.06*	
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,696.58	
		For 3,500 PSI Concrete, Add	*241.20*	
		For 4,000 PSI Concrete, Add	*453.20*	
		For 4,500 PSI Concrete, Add	*666.12*	
		For 5,000 PSI Concrete, Add	*906.22*	

03 48 22 00-0011 Sun Screen/Trellis Units *(03 48 22)*

03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	355.30	159.86
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	397.43	178.90
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	450.88	202.87
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	481.88	216.85

03 48 22 00-0017 Material Cost *(03 48 22 00-0011)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	3,774.40	
		For 3,500 PSI Concrete, Add	*246.28*	
		For 4,000 PSI Concrete, Add	*462.74*	
		For 4,500 PSI Concrete, Add	*680.15*	
		For 5,000 PSI Concrete, Add	*925.29*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	3,891.13	
		For 3,500 PSI Concrete, Add	*253.90*	
		For 4,000 PSI Concrete, Add	*477.05*	
		For 4,500 PSI Concrete, Add	*701.18*	
		For 5,000 PSI Concrete, Add	*953.91*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,046.78	
		For 3,500 PSI Concrete, Add	*264.05*	
		For 4,000 PSI Concrete, Add	*496.14*	
		For 4,500 PSI Concrete, Add	*729.23*	
		For 5,000 PSI Concrete, Add	*992.07*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,241.34	
		For 3,500 PSI Concrete, Add	*276.75*	
		For 4,000 PSI Concrete, Add	*519.99*	
		For 4,500 PSI Concrete, Add	*764.29*	
		For 5,000 PSI Concrete, Add	*1,039.76*	

03 48 24 Precast Minaret Segments *(03 48)*

03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 24 00-0002 L - Shaped Segments *(03 48 24 00-0001)*

03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	345.74	276.60
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	387.44	309.97
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	438.07	350.45
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	467.27	373.81

03 48 24 00-0007 O - Shaped Segments *(03 48 24 00-0001)*

03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	365.41	292.38
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	410.11	328.04
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	464.46	371.53
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	497.43	397.91

03 48 24 00-0012 Platform Segment *(03 48 24 00-0001)*

03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	700.91	560.78
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	847.26	677.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	940.25	752.22
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,056.17	844.98
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	383.59	306.83
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	428.34	342.62
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	487.98	390.33
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	520.95	416.70
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	348.31	278.66
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	390.32	312.27
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	441.33	353.05
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	470.75	376.59
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	368.12	294.55
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	413.16	330.48
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	467.91	374.29
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	501.12	400.86
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	562.85	450.27
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	681.35	545.05
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	754.12	603.31
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	853.56	682.80
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	386.44	309.11
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	431.52	345.16
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	491.60	393.23
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	524.83	419.80
03 48 24 00-0043		Material Costs *(03 48 24)* Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	9,338.20	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	9,338.20	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	9,338.20	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	9,338.20	
03 48 29		**Precast Accessories** *(03 48)* Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.45	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	2.13	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	3.61	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	5.11	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	6.66	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	9.63	
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes	85.15	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	54.58	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support	8.31	
03 48 46		**Precast Skylight Shells** *(03 48)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	501.77	225.83
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	557.15	250.73
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	626.29	281.84
03 48 46 00-0005		Material Cost *(03 48 46)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	3,906.81	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	96.88	
03 48 49 00-0002	SF	4" Thick Precast Landing	113.01	
03 48 49 00-0003	SF	5" Thick Precast Landing	128.34	
03 48 49 00-0004	SF	6" Thick Precast Landing	147.93	
03 48 54		**Precast Concrete Blocks** *(03 48)*		
03 48 54 00-0001		Precast Concrete Blocks *(03 48 54)*		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Concrete Block	129.52	40.06
03 48 54 00-0003	EA	2' x 2' x 4' Precast Concrete Block	180.68	50.07
03 48 54 00-0004	EA	2' x 2' x 8' Precast Concrete Block	286.91	60.08
03 50		Cast Decks and Underlayment *(03)*		
03 51		Cast Roof Decks *(03 50)*		
03 51 13		**Cementitious Wood Fiber Decks** *(03 51)*		
03 51 13 00-0001		Cement Fiber Tongue And Groove Planks *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.27	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.41	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.56	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.06	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.61	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.22	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.99	
03 51 16		**Gypsum Concrete Roof Decks** *(03 51)*		
03 51 16 00-0001		Class A Gypsum Fill Concrete Deck *(03 51 16)*		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	10.76	0.53
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	13.33	0.62
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	15.93	0.71
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	18.54	0.79
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	21.17	0.88
03 51 16 00-0007		Form Board For Lightweight Deck *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.02	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.71	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	5.64	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.25	0.52
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.73	0.52
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.04	0.52
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	3.77	0.52
03 51 16 00-0015		Gypsum Plank *(03 51 16)*		
03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.66	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.81	
03 53		Concrete Topping *(03 50)*		
		Note: Installed over new or existing concrete.		
03 53 14		**Granolithic Concrete Topping** *(03 53)*		
03 53 14 00-0001		Granolithic Topping Laid After *(03 53 14)*		
		Note: Using 1:1:1-1/2 mix.		
03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.02	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.35	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.45	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*
Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		2.39	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		2.68	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		3.14	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		3.71	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		5.25	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		4.49	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		5.02	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*
Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors		1.56	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.13*	
		For >100 To 250 SF, Add		*0.07*	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors		2.65	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.13*	
		For >100 To 250 SF, Add		*0.07*	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors		3.38	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.13*	
		For >100 To 250 SF, Add		*0.07*	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors		4.84	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.13*	
		For >100 To 250 SF, Add		*0.07*	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors		5.72	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.13*	
		For >100 To 250 SF, Add		*0.07*	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors		7.07	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.15*	
		For >100 To 250 SF, Add		*0.08*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors		9.26	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.15*	
		For >100 To 250 SF, Add		*0.08*	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors		12.22	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.18*	
		For >100 To 250 SF, Add		*0.09*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors		13.69	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.18*	
		For >100 To 250 SF, Add		*0.09*	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors		18.16	
		Note: Including Surface Preparation			
		For Up To 100 SF, Add		*0.22*	
		For >100 To 250 SF, Add		*0.11*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout		418.52	

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases		24.18	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases		35.69	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	36.98	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	59.16	
03 62 13 00-0007		Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*		
03 62 13 00-0008		1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*		
03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.98	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.58	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.42	
03 62 13 00-0012		1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*		
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.91	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.86	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	5.12	
03 62 16		**Metallic Non-Shrink Grouting** *(03 62)*		
03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases *(03 62 16)*		
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	31.41	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	48.35	
03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints *(03 62 16)*		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.63	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.05	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.74	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.23	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.80	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.74	

03 63 Epoxy Grouting *(03 60)*

03 63 00 00-0001		Spray On Concrete Epoxy Grout *(03 63)*		
		Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	6.85	
		For Color, Add	*2.04*	
03 63 00 00-0003	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	9.58	
		For Color, Add	*3.06*	
03 63 00 00-0004	SF	1" Thick Coat Spray On Concrete Epoxy Grout	12.42	
		For Color, Add	*4.09*	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23		**Epoxy Injection Grouting** *(03 64)*		
03 64 23 00-0001		Pressure Injected Epoxy Grout *(03 64 23)*		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,237.29	
		For >4, Deduct	*-130.93*	
03 64 26		**Cementitious Injection Grouting** *(03 64)*		
03 64 26 00-0001		Pressure Injected Cementitious Grout *(03 64 26)*		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	216.35	
		For >4, Deduct	*-56.22*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0080 for core drilling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 03

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization ***(04 01 20)***

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	20.30	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	29.43	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	39.34	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	22.28	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	32.94	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	44.61	
		For Up To 10, Add	*8.68*	
		For >10 To 50, Add	*4.34*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.82	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	59.00	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	179.31	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.82	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	59.00	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.90	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	75.99	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	179.31	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0021		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*			
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		56.64	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		62.77	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		202.84	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		56.64	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		62.77	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		69.61	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		82.58	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		202.84	
		For Up To 10, Add		*34.74*	
		For >10 To 50, Add		*17.37*	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0004)*			
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.			
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*			
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.22	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.15	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.08	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.01	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.94	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.87	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.22	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.15	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.08	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.01	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.94	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.79	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		10.22	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		12.08	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		13.47	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*		
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.22	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.15	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.08	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.01	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.94	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.87	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.22	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.15	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.08	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.01	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.94	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.79	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.22	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.08	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.47	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064		304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*		
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.03	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.37	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.43	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.57	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.81	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.02	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.12	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.25	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.84	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.93	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.64	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.25	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.77	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.59	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.21	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.37	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.15	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.51	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.83	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.12	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.31	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.44	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.65	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.74	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.16	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.76	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.26	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.90	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.32	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.23	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.21	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	8.93	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.14	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.28	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.38	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.68	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.15	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.33	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.80	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.48	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.89	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.18	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.36	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.49	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.80	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	4.29	
		For Up To 10, Add	*2.61*	
		For >10 To 50, Add	*1.31*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.56	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.98	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.06	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.23	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.54	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.79	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.92	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.09	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.70	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.81	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.70	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.46	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.11	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.38	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.23	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.92	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.78	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.19	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.59	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.96	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.19	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.35	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.62	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.73	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.22	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		11.90	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		12.52	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		13.31	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		17.58	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		19.63	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		23.35	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		9.77	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.01	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.17	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.30	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.68	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		11.27	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		11.46	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		12.05	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.37	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		10.89	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)		11.25	
		For Up To 10, Add		*5.21*	
		For >10 To 50, Add		*2.61*	
		For Metal Stud Clip, Add		*2.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.48	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.02	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
		For Metal Stud Clip, Add	*2.27*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.70	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.61*	
		For >10 To 50, Add	*1.31*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.74	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.78	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.02	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.09	
		For Up To 10, Add	*5.21*	
		For >10 To 50, Add	*2.61*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	43.46	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	44.76	
		For Up To 10, Add	*34.74*	
		For >10 To 50, Add	*17.37*	

04 01 20 41-0170 Unit Masonry Stabilization *(04 01 20 41)*

04 01 20 41-0171 Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*

04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	75.66	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	81.10	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0002	SF	Grind Smooth Masonry Wall	3.64	

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

See CSI section 03 01 30 71-0079 for crack repair.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0001		Cut And Repoint Masonry *(04 01 20 91)* Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	8.69	
		For Common Bond, Add	*0.33*	
		For Flemish Bond, Add	*1.14*	
		For English Bond, Add	*1.87*	
		For Oversized Or Larger Than Standard, Deduct	*-1.30*	
		For Historical Restoration, Add	*1.63*	
		For >250 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.84*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	6.08	
		For Common Bond, Add	*0.22*	
		For Flemish Bond, Add	*0.77*	
		For English Bond, Add	*1.27*	
		For Oversized Or Larger Than Standard, Deduct	*-0.91*	
		For Historical Restoration, Add	*1.11*	
		For >250 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.58*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	4.67	
		For Common Bond, Add	*0.16*	
		For Oversized Or Larger Than Standard, Deduct	*-0.70*	
		For Historical Restoration, Add	*0.82*	
		For >250 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.44*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	3.37	
		For Common Bond, Add	*0.11*	
		For Oversized Or Larger Than Standard, Deduct	*-0.51*	
		For Historical Restoration, Add	*0.56*	
		For >250 To 1,000, Deduct	*-0.14*	
		For >1,000, Deduct	*-0.31*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.74	
04 01 20 91-0007		Repair Masonry *(04 01 20 91)* Note: Includes mortar for repair.		
04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping Note: Including Replacement Of Damaged Material	18.71	
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors Note: Including Replacement Of Damaged Material	17.43	
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.00	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	6.99	
04 01 20 91-0012	EA	Cutout Individual Damaged Brick And Replace With New Brick	12.77	
04 01 20 91-0013	LF	Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base)	368.25	
04 01 20 91-0014	LF	Pressure Grout Block/Brick Master Builders RHEOCEM 900 (Portland Cement Base)	105.06	
04 01 20 91-0015	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	32.33	
		For Cracks Accessible From Both Sides, Add	*6.57*	
04 01 20 91-0016	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	28.48	
		For Cracks Accessible From Both Sides, Add	*6.57*	
04 01 20 91-0017	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	7.63	
		For V-Grooving Crack With Grinder, Add	*5.44*	
04 01 20 91-0018	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	10.32	
		For V-Grooving Crack With Grinder, Add	*5.16*	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 50 52-0001		Chimney Cleaning *(04 01 50 52)*		
04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	6.61	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	13.21	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	19.82	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0001		Masonry Cement Mortar *(04 05 13 26)* Note: Ratio is bag material to sand.		
04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	6.65	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	6.13	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	6.30	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	6.89	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	7.27	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0007		Mortar Admixture *(04 05 13 26)*		
04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.38	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.07	
04 05 13 26-0010		Color Admixtures For Mortar *(04 05 13 26)*		
		Note: Costs are based on CF of mortar.		
04 05 13 26-0011	CF	Buff Colored Admixture	2.41	
04 05 13 26-0012	CF	Brown Colored Admixture	2.73	
04 05 13 26-0013	CF	Black Colored Admixture	3.38	
04 05 13 26-0014	CF	Red Colored Admixture	7.40	
04 05 13 26-0015		Portland Cement *(04 05 13 26)*		
04 05 13 26-0016	CF	Normal Portland Cement (Type I)	12.82	
04 05 13 26-0017	CF	Modified Portland Cement (Type II)	6.39	
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III)	6.79	
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I)	14.21	

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

04 05 16 26-0001		Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*		
		Note: Excludes block.		
04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.01	
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.38	
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.89	
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.47	
04 05 16 26-0006		Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*		
		Note: Per SF of face area filled.		
04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	3.12	
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.54	
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	6.49	
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	7.97	
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	9.42	
04 05 16 26-0012		Grout Cavity Walls, Grout Fill *(04 05 16 26)*		
		Note: Per SF of face area filled.		
04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	3.68	
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	5.19	
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	6.53	
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	8.86	
04 05 16 26-0017		Grout Frames, Grout Fill *(04 05 16 26)*		
04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	5.85	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	5.02	
04 05 16 26-0020		Sand Filled Walls *(04 05 16 26)*		
04 05 16 26-0021		Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*		
		Note: Per SF of face area filled.		
04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	3.07	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.25	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.23	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	6.99	

04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001		Continuous Joint Reinforcing *(04 05 19 13)*		
04 05 19 13-0002		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0003		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0004		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	51.65	
		For Hot-Dipped Galvanized, Add	*8.80*	
		For Stainless Steel, Add	*35.20*	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.87	
		For Hot-Dipped Galvanized, Add	*9.25*	
		For Stainless Steel, Add	*36.98*	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.18	
		For Hot-Dipped Galvanized, Add	*9.75*	
		For Stainless Steel, Add	*38.98*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	64.27	
		For Hot-Dipped Galvanized, Add	*10.31*	
		For Stainless Steel, Add	*41.24*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.23	
		For Hot-Dipped Galvanized, Add	*10.86*	
		For Stainless Steel, Add	*43.44*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.64	
		For Hot-Dipped Galvanized, Add	*11.13*	
		For Stainless Steel, Add	*44.52*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.88	
		For Hot-Dipped Galvanized, Add	*11.44*	
		For Stainless Steel, Add	*45.76*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	89.94	
		For Hot-Dipped Galvanized, Add	*15.73*	
		For Stainless Steel, Add	*62.90*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.61	
		For Hot-Dipped Galvanized, Add	*24.31*	
		For Stainless Steel, Add	*97.24*	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0009)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	61.41	
		For Hot-Dipped Galvanized, Add	*13.68*	
		For Stainless Steel, Add	*54.72*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	64.73	
		For Hot-Dipped Galvanized, Add	*14.18*	
		For Stainless Steel, Add	*56.70*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.15	
		For Hot-Dipped Galvanized, Add	*14.73*	
		For Stainless Steel, Add	*58.92*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.13	
		For Hot-Dipped Galvanized, Add	*15.24*	
		For Stainless Steel, Add	*60.96*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.07	
		For Hot-Dipped Galvanized, Add	*15.78*	
		For Stainless Steel, Add	*63.12*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	84.52	
		For Hot-Dipped Galvanized, Add	*16.08*	
		For Stainless Steel, Add	*64.30*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.70	
		For Hot-Dipped Galvanized, Add	*16.35*	
		For Stainless Steel, Add	*65.38*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.92	
		For Hot-Dipped Galvanized, Add	*22.22*	
		For Stainless Steel, Add	*88.86*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.86	
		For Hot-Dipped Galvanized, Add	*35.44*	
		For Stainless Steel, Add	*141.76*	

04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.87	
		For Hot-Dipped Galvanized, Add	*18.41*	
		For Stainless Steel, Add	*73.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	75.52	
		For Hot-Dipped Galvanized, Add	*19.42*	
		For Stainless Steel, Add	*77.68*	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.15	
		For Hot-Dipped Galvanized, Add	*20.43*	
		For Stainless Steel, Add	*81.72*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.94	
		For Hot-Dipped Galvanized, Add	*21.65*	
		For Stainless Steel, Add	*86.58*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.71	
		For Hot-Dipped Galvanized, Add	*22.84*	
		For Stainless Steel, Add	*91.36*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.37	
		For Hot-Dipped Galvanized, Add	*23.49*	
		For Stainless Steel, Add	*93.96*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.65	
		For Hot-Dipped Galvanized, Add	*24.04*	
		For Stainless Steel, Add	*96.16*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.79	
		For Hot-Dipped Galvanized, Add	*25.15*	
		For Stainless Steel, Add	*100.58*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.54	
		For Hot-Dipped Galvanized, Add	*41.78*	
		For Stainless Steel, Add	*167.10*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.12	
		For Hot-Dipped Galvanized, Add	*20.04*	
		For Stainless Steel, Add	*80.14*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.32	
		For Hot-Dipped Galvanized, Add	*20.47*	
		For Stainless Steel, Add	*81.88*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.62	
		For Hot-Dipped Galvanized, Add	*20.97*	
		For Stainless Steel, Add	*83.88*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.72	
		For Hot-Dipped Galvanized, Add	*21.54*	
		For Stainless Steel, Add	*86.14*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.69	
		For Hot-Dipped Galvanized, Add	*22.09*	
		For Stainless Steel, Add	*88.36*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.11	
		For Hot-Dipped Galvanized, Add	*22.36*	
		For Stainless Steel, Add	*89.44*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.33	
		For Hot-Dipped Galvanized, Add	*22.67*	
		For Stainless Steel, Add	*90.66*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.40	
		For Hot-Dipped Galvanized, Add	*26.95*	
		For Stainless Steel, Add	*107.80*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.87	
		For Hot-Dipped Galvanized, Add	*24.91*	
		For Stainless Steel, Add	*99.64*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.20	
		For Hot-Dipped Galvanized, Add	*25.41*	
		For Stainless Steel, Add	*101.64*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.61	
		For Hot-Dipped Galvanized, Add	*25.97*	
		For Stainless Steel, Add	*103.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.61	
		For Hot-Dipped Galvanized, Add	*26.48*	
		For Stainless Steel, Add	*105.92*	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.54	
		For Hot-Dipped Galvanized, Add	*27.02*	
		For Stainless Steel, Add	*108.06*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.99	
		For Hot-Dipped Galvanized, Add	*27.31*	
		For Stainless Steel, Add	*109.24*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.16	
		For Hot-Dipped Galvanized, Add	*27.58*	
		For Stainless Steel, Add	*110.32*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.38	
		For Hot-Dipped Galvanized, Add	*33.45*	
		For Stainless Steel, Add	*133.78*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.33	
		For Hot-Dipped Galvanized, Add	*46.68*	
		For Stainless Steel, Add	*186.72*	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.32	
		For Hot-Dipped Galvanized, Add	*29.64*	
		For Stainless Steel, Add	*118.54*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.98	
		For Hot-Dipped Galvanized, Add	*30.65*	
		For Stainless Steel, Add	*122.60*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.62	
		For Hot-Dipped Galvanized, Add	*31.67*	
		For Stainless Steel, Add	*126.66*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.39	
		For Hot-Dipped Galvanized, Add	*32.87*	
		For Stainless Steel, Add	*131.48*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.18	
		For Hot-Dipped Galvanized, Add	*34.08*	
		For Stainless Steel, Add	*136.30*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.82	
		For Hot-Dipped Galvanized, Add	*34.72*	
		For Stainless Steel, Add	*138.86*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.11	
		For Hot-Dipped Galvanized, Add	*35.27*	
		For Stainless Steel, Add	*141.08*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.25	
		For Hot-Dipped Galvanized, Add	*36.38*	
		For Stainless Steel, Add	*145.50*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	168.00	
		For Hot-Dipped Galvanized, Add	*53.01*	
		For Stainless Steel, Add	*212.02*	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.58	
		For Hot-Dipped Galvanized, Add	*31.27*	
		For Stainless Steel, Add	*125.06*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.78	
		For Hot-Dipped Galvanized, Add	*31.70*	
		For Stainless Steel, Add	*126.80*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.08	
		For Hot-Dipped Galvanized, Add	*32.20*	
		For Stainless Steel, Add	*128.80*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.18	
		For Hot-Dipped Galvanized, Add	*32.77*	
		For Stainless Steel, Add	*131.06*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		115.15	
		For Hot-Dipped Galvanized, Add		*33.32*	
		For Stainless Steel, Add		*133.28*	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		119.57	
		For Hot-Dipped Galvanized, Add		*33.59*	
		For Stainless Steel, Add		*134.36*	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		122.79	
		For Hot-Dipped Galvanized, Add		*33.90*	
		For Stainless Steel, Add		*135.58*	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		134.87	
		For Hot-Dipped Galvanized, Add		*38.19*	
		For Stainless Steel, Add		*152.74*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		155.52	
		For Hot-Dipped Galvanized, Add		*46.77*	
		For Stainless Steel, Add		*187.08*	
04 05 19 13-0073		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			
04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		106.33	
		For Hot-Dipped Galvanized, Add		*36.14*	
		For Stainless Steel, Add		*144.56*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		109.66	
		For Hot-Dipped Galvanized, Add		*36.64*	
		For Stainless Steel, Add		*146.56*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		114.07	
		For Hot-Dipped Galvanized, Add		*37.20*	
		For Stainless Steel, Add		*148.78*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		119.07	
		For Hot-Dipped Galvanized, Add		*37.71*	
		For Stainless Steel, Add		*150.84*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		125.00	
		For Hot-Dipped Galvanized, Add		*38.25*	
		For Stainless Steel, Add		*152.98*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		129.45	
		For Hot-Dipped Galvanized, Add		*38.54*	
		For Stainless Steel, Add		*154.16*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		132.62	
		For Hot-Dipped Galvanized, Add		*38.81*	
		For Stainless Steel, Add		*155.24*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		147.84	
		For Hot-Dipped Galvanized, Add		*44.68*	
		For Stainless Steel, Add		*178.70*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		177.79	
		For Hot-Dipped Galvanized, Add		*57.91*	
		For Stainless Steel, Add		*231.64*	
04 05 19 13-0083		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			
04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		115.78	
		For Hot-Dipped Galvanized, Add		*40.87*	
		For Stainless Steel, Add		*163.46*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		120.44	
		For Hot-Dipped Galvanized, Add		*41.88*	
		For Stainless Steel, Add		*167.52*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		125.08	
		For Hot-Dipped Galvanized, Add		*42.90*	
		For Stainless Steel, Add		*171.58*	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		131.85	
		For Hot-Dipped Galvanized, Add		*44.10*	
		For Stainless Steel, Add		*176.40*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		138.64	
		For Hot-Dipped Galvanized, Add		*45.31*	
		For Stainless Steel, Add		*181.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.29	
		For Hot-Dipped Galvanized, Add	*45.95*	
		For Stainless Steel, Add	*183.80*	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	147.57	
		For Hot-Dipped Galvanized, Add	*46.50*	
		For Stainless Steel, Add	*186.00*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.71	
		For Hot-Dipped Galvanized, Add	*47.61*	
		For Stainless Steel, Add	*190.42*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	190.46	
		For Hot-Dipped Galvanized, Add	*64.24*	
		For Stainless Steel, Add	*256.94*	
04 05 19 13-0093		Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0094		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*		
04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	74.13	
		For Hot-Dipped Galvanized, Add	*14.96*	
		For Stainless Steel, Add	*59.84*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	81.78	
		For Hot-Dipped Galvanized, Add	*16.34*	
		For Stainless Steel, Add	*65.34*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	89.12	
		For Hot-Dipped Galvanized, Add	*17.55*	
		For Stainless Steel, Add	*70.18*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	95.42	
		For Hot-Dipped Galvanized, Add	*18.25*	
		For Stainless Steel, Add	*72.98*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	99.18	
		For Hot-Dipped Galvanized, Add	*18.90*	
		For Stainless Steel, Add	*75.58*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	106.48	
		For Hot-Dipped Galvanized, Add	*20.34*	
		For Stainless Steel, Add	*81.34*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.78	
		For Hot-Dipped Galvanized, Add	*21.52*	
		For Stainless Steel, Add	*86.08*	
04 05 19 13-0102		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*		
04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	86.28	
		For Hot-Dipped Galvanized, Add	*21.04*	
		For Stainless Steel, Add	*84.14*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	93.96	
		For Hot-Dipped Galvanized, Add	*22.43*	
		For Stainless Steel, Add	*89.70*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	101.17	
		For Hot-Dipped Galvanized, Add	*23.57*	
		For Stainless Steel, Add	*94.28*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	107.61	
		For Hot-Dipped Galvanized, Add	*24.34*	
		For Stainless Steel, Add	*97.36*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	111.33	
		For Hot-Dipped Galvanized, Add	*24.97*	
		For Stainless Steel, Add	*99.88*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	118.64	
		For Hot-Dipped Galvanized, Add	*26.42*	
		For Stainless Steel, Add	*105.66*	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	125.10	
		For Hot-Dipped Galvanized, Add	*27.68*	
		For Stainless Steel, Add	*110.72*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0110		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*			
04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		92.19	
		For Hot-Dipped Galvanized, Add		*23.99*	
		For Stainless Steel, Add		*95.96*	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		101.26	
		For Hot-Dipped Galvanized, Add		*26.08*	
		For Stainless Steel, Add		*104.30*	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		110.28	
		For Hot-Dipped Galvanized, Add		*28.13*	
		For Stainless Steel, Add		*112.50*	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		117.36	
		For Hot-Dipped Galvanized, Add		*29.22*	
		For Stainless Steel, Add		*116.86*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		121.82	
		For Hot-Dipped Galvanized, Add		*30.22*	
		For Stainless Steel, Add		*120.86*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		130.50	
		For Hot-Dipped Galvanized, Add		*32.35*	
		For Stainless Steel, Add		*129.38*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement		138.60	
		For Hot-Dipped Galvanized, Add		*34.43*	
		For Stainless Steel, Add		*137.72*	
04 05 19 13-0118		Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*			
04 05 19 13-0119		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*			
04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		106.85	
		For Hot-Dipped Galvanized, Add		*31.32*	
		For Stainless Steel, Add		*125.28*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		113.66	
		For Hot-Dipped Galvanized, Add		*32.28*	
		For Stainless Steel, Add		*129.10*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		120.52	
		For Hot-Dipped Galvanized, Add		*33.25*	
		For Stainless Steel, Add		*132.98*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		130.04	
		For Hot-Dipped Galvanized, Add		*34.33*	
		For Stainless Steel, Add		*137.30*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		136.61	
		For Hot-Dipped Galvanized, Add		*35.40*	
		For Stainless Steel, Add		*141.60*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		143.83	
		For Hot-Dipped Galvanized, Add		*37.05*	
		For Stainless Steel, Add		*148.18*	
04 05 19 13-0126		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*			
04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		125.90	
		For Hot-Dipped Galvanized, Add		*40.85*	
		For Stainless Steel, Add		*163.38*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		132.74	
		For Hot-Dipped Galvanized, Add		*41.82*	
		For Stainless Steel, Add		*167.26*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		139.85	
		For Hot-Dipped Galvanized, Add		*42.91*	
		For Stainless Steel, Add		*171.64*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		149.12	
		For Hot-Dipped Galvanized, Add		*43.87*	
		For Stainless Steel, Add		*175.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	155.72	
		For Hot-Dipped Galvanized, Add	*44.96*	
		For Stainless Steel, Add	*179.82*	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	161.84	
		For Hot-Dipped Galvanized, Add	*46.05*	
		For Stainless Steel, Add	*184.20*	

04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	127.30	
		For Hot-Dipped Galvanized, Add	*41.55*	
		For Stainless Steel, Add	*166.18*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	135.20	
		For Hot-Dipped Galvanized, Add	*43.05*	
		For Stainless Steel, Add	*172.18*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	143.08	
		For Hot-Dipped Galvanized, Add	*44.53*	
		For Stainless Steel, Add	*178.10*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.03	
		For Hot-Dipped Galvanized, Add	*46.32*	
		For Stainless Steel, Add	*185.28*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	162.00	
		For Hot-Dipped Galvanized, Add	*48.10*	
		For Stainless Steel, Add	*192.38*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.46	
		For Hot-Dipped Galvanized, Add	*49.86*	
		For Stainless Steel, Add	*199.44*	

04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	115.31	
		For Hot-Dipped Galvanized, Add	*33.10*	
		For Stainless Steel, Add	*132.40*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	122.11	
		For Hot-Dipped Galvanized, Add	*34.04*	
		For Stainless Steel, Add	*136.16*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	131.36	
		For Hot-Dipped Galvanized, Add	*34.99*	
		For Stainless Steel, Add	*139.94*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	138.02	
		For Hot-Dipped Galvanized, Add	*36.11*	
		For Stainless Steel, Add	*144.42*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	144.10	
		For Hot-Dipped Galvanized, Add	*37.18*	
		For Stainless Steel, Add	*148.72*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.17	
		For Hot-Dipped Galvanized, Add	*39.35*	
		For Stainless Steel, Add	*157.40*	

04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	134.39	
		For Hot-Dipped Galvanized, Add	*42.64*	
		For Stainless Steel, Add	*170.56*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	141.22	
		For Hot-Dipped Galvanized, Add	*43.60*	
		For Stainless Steel, Add	*174.38*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	150.74	
		For Hot-Dipped Galvanized, Add	*44.68*	
		For Stainless Steel, Add	*178.70*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		157.07	
		For Hot-Dipped Galvanized, Add		*45.63*	
		For Stainless Steel, Add		*182.52*	
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		163.18	
		For Hot-Dipped Galvanized, Add		*46.72*	
		For Stainless Steel, Add		*186.88*	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		170.50	
		For Hot-Dipped Galvanized, Add		*49.02*	
		For Stainless Steel, Add		*196.06*	
04 05 19 13-0155		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*			
04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		135.74	
		For Hot-Dipped Galvanized, Add		*43.32*	
		For Stainless Steel, Add		*173.26*	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		143.65	
		For Hot-Dipped Galvanized, Add		*44.81*	
		For Stainless Steel, Add		*179.24*	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		154.03	
		For Hot-Dipped Galvanized, Add		*46.32*	
		For Stainless Steel, Add		*185.28*	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		162.00	
		For Hot-Dipped Galvanized, Add		*48.10*	
		For Stainless Steel, Add		*192.38*	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		169.46	
		For Hot-Dipped Galvanized, Add		*49.86*	
		For Stainless Steel, Add		*199.44*	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		177.26	
		For Hot-Dipped Galvanized, Add		*52.40*	
		For Stainless Steel, Add		*209.58*	
04 05 19 13-0162		Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*			
04 05 19 13-0163		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*			
04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		109.03	
		For Hot-Dipped Galvanized, Add		*29.96*	
		For Stainless Steel, Add		*119.84*	
		For Seismic Hook And Eye, Add		*12.88*	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		115.51	
		For Hot-Dipped Galvanized, Add		*30.74*	
		For Stainless Steel, Add		*122.96*	
		For Seismic Hook And Eye, Add		*13.22*	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		124.54	
		For Hot-Dipped Galvanized, Add		*31.58*	
		For Stainless Steel, Add		*126.30*	
		For Seismic Hook And Eye, Add		*13.58*	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		130.74	
		For Hot-Dipped Galvanized, Add		*32.47*	
		For Stainless Steel, Add		*129.86*	
		For Seismic Hook And Eye, Add		*13.96*	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		136.53	
		For Hot-Dipped Galvanized, Add		*33.40*	
		For Stainless Steel, Add		*133.58*	
		For Seismic Hook And Eye, Add		*14.36*	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		140.93	
		For Hot-Dipped Galvanized, Add		*34.23*	
		For Stainless Steel, Add		*136.92*	
		For Seismic Hook And Eye, Add		*14.72*	
04 05 19 13-0170		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	126.92	
		For Hot-Dipped Galvanized, Add	*38.91*	
		For Stainless Steel, Add	*155.62*	
		For Seismic Hook And Eye, Add	*16.73*	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	133.05	
		For Hot-Dipped Galvanized, Add	*39.51*	
		For Stainless Steel, Add	*158.04*	
		For Seismic Hook And Eye, Add	*16.99*	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	142.14	
		For Hot-Dipped Galvanized, Add	*40.38*	
		For Stainless Steel, Add	*161.50*	
		For Seismic Hook And Eye, Add	*17.36*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	148.23	
		For Hot-Dipped Galvanized, Add	*41.21*	
		For Stainless Steel, Add	*164.84*	
		For Seismic Hook And Eye, Add	*17.72*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	153.83	
		For Hot-Dipped Galvanized, Add	*42.05*	
		For Stainless Steel, Add	*168.18*	
		For Seismic Hook And Eye, Add	*18.08*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	160.17	
		For Hot-Dipped Galvanized, Add	*43.85*	
		For Stainless Steel, Add	*175.40*	
		For Seismic Hook And Eye, Add	*18.86*	
04 05 19 13-0177		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*		
04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	128.24	
		For Hot-Dipped Galvanized, Add	*39.57*	
		For Stainless Steel, Add	*158.26*	
		For Seismic Hook And Eye, Add	*17.01*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	136.02	
		For Hot-Dipped Galvanized, Add	*41.00*	
		For Stainless Steel, Add	*163.98*	
		For Seismic Hook And Eye, Add	*17.63*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	146.21	
		For Hot-Dipped Galvanized, Add	*42.41*	
		For Stainless Steel, Add	*169.64*	
		For Seismic Hook And Eye, Add	*18.24*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	154.03	
		For Hot-Dipped Galvanized, Add	*44.11*	
		For Stainless Steel, Add	*176.44*	
		For Seismic Hook And Eye, Add	*18.97*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.35	
		For Hot-Dipped Galvanized, Add	*45.81*	
		For Stainless Steel, Add	*183.22*	
		For Seismic Hook And Eye, Add	*19.70*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.45	
		For Hot-Dipped Galvanized, Add	*47.49*	
		For Stainless Steel, Add	*189.96*	
		For Seismic Hook And Eye, Add	*20.42*	
04 05 19 13-0184		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0185		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	117.50	
		For Hot-Dipped Galvanized, Add	*31.74*	
		For Stainless Steel, Add	*126.94*	
		For Seismic Hook And Eye, Add	*13.65*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	126.40	
		For Hot-Dipped Galvanized, Add	*32.51*	
		For Stainless Steel, Add	*130.02*	
		For Seismic Hook And Eye, Add	*13.98*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0188		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	132.36	
			For Hot-Dipped Galvanized, Add	*33.28*	
			For Stainless Steel, Add	*133.10*	
			For Seismic Hook And Eye, Add	*14.31*	
04 05 19 13-0189		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	138.25	
			For Hot-Dipped Galvanized, Add	*34.26*	
			For Stainless Steel, Add	*137.02*	
			For Seismic Hook And Eye, Add	*14.73*	
04 05 19 13-0190		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	142.76	
			For Hot-Dipped Galvanized, Add	*35.15*	
			For Stainless Steel, Add	*140.58*	
			For Seismic Hook And Eye, Add	*15.11*	
04 05 19 13-0191			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0192		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	134.75	
			For Hot-Dipped Galvanized, Add	*40.36*	
			For Stainless Steel, Add	*161.44*	
			For Seismic Hook And Eye, Add	*17.35*	
04 05 19 13-0193		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	143.78	
			For Hot-Dipped Galvanized, Add	*41.20*	
			For Stainless Steel, Add	*164.78*	
			For Seismic Hook And Eye, Add	*17.71*	
04 05 19 13-0194		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	149.98	
			For Hot-Dipped Galvanized, Add	*42.09*	
			For Stainless Steel, Add	*168.34*	
			For Seismic Hook And Eye, Add	*18.10*	
04 05 19 13-0195		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.34	
			For Hot-Dipped Galvanized, Add	*42.80*	
			For Stainless Steel, Add	*171.20*	
			For Seismic Hook And Eye, Add	*18.40*	
04 05 19 13-0196		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	160.01	
			For Hot-Dipped Galvanized, Add	*43.77*	
			For Stainless Steel, Add	*175.08*	
			For Seismic Hook And Eye, Add	*18.82*	
04 05 19 13-0197			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0198		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	136.53	
			For Hot-Dipped Galvanized, Add	*41.25*	
			For Stainless Steel, Add	*165.00*	
			For Seismic Hook And Eye, Add	*17.74*	
04 05 19 13-0199		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	146.75	
			For Hot-Dipped Galvanized, Add	*42.68*	
			For Stainless Steel, Add	*170.72*	
			For Seismic Hook And Eye, Add	*18.35*	
04 05 19 13-0200		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	154.03	
			For Hot-Dipped Galvanized, Add	*44.11*	
			For Stainless Steel, Add	*176.44*	
			For Seismic Hook And Eye, Add	*18.97*	
04 05 19 13-0201		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	161.35	
			For Hot-Dipped Galvanized, Add	*45.81*	
			For Stainless Steel, Add	*183.22*	
			For Seismic Hook And Eye, Add	*19.70*	
04 05 19 13-0202		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	167.45	
			For Hot-Dipped Galvanized, Add	*47.49*	
			For Stainless Steel, Add	*189.96*	
			For Seismic Hook And Eye, Add	*20.42*	
04 05 19 13-0203			Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0204			Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0205			Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0206		CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	59.01	
			For Hot-Dipped Galvanized, Add	*12.48*	
			For Stainless Steel, Add	*49.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	61.61	
		For Hot-Dipped Galvanized, Add	*12.62*	
		For Stainless Steel, Add	*50.46*	
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	65.91	
		For Hot-Dipped Galvanized, Add	*13.11*	
		For Stainless Steel, Add	*52.44*	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.17	
		For Hot-Dipped Galvanized, Add	*13.76*	
		For Stainless Steel, Add	*55.04*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.48	
		For Hot-Dipped Galvanized, Add	*14.49*	
		For Stainless Steel, Add	*57.94*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.14	
		For Hot-Dipped Galvanized, Add	*14.88*	
		For Stainless Steel, Add	*59.52*	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	85.46	
		For Hot-Dipped Galvanized, Add	*15.45*	
		For Stainless Steel, Add	*61.78*	
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.88	
		For Hot-Dipped Galvanized, Add	*21.70*	
		For Stainless Steel, Add	*86.78*	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.85	
		For Hot-Dipped Galvanized, Add	*22.94*	
		For Stainless Steel, Add	*91.74*	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.70	
		For Hot-Dipped Galvanized, Add	*39.68*	
		For Stainless Steel, Add	*158.70*	
04 05 19 13-0216		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	68.66	
		For Hot-Dipped Galvanized, Add	*17.31*	
		For Stainless Steel, Add	*69.22*	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.47	
		For Hot-Dipped Galvanized, Add	*17.55*	
		For Stainless Steel, Add	*70.18*	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.78	
		For Hot-Dipped Galvanized, Add	*18.05*	
		For Stainless Steel, Add	*72.18*	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	81.01	
		For Hot-Dipped Galvanized, Add	*18.68*	
		For Stainless Steel, Add	*74.72*	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.19	
		For Hot-Dipped Galvanized, Add	*19.34*	
		For Stainless Steel, Add	*77.36*	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.96	
		For Hot-Dipped Galvanized, Add	*19.80*	
		For Stainless Steel, Add	*79.18*	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.13	
		For Hot-Dipped Galvanized, Add	*20.28*	
		For Stainless Steel, Add	*81.12*	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.87	
		For Hot-Dipped Galvanized, Add	*28.19*	
		For Stainless Steel, Add	*112.76*	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.84	
		For Hot-Dipped Galvanized, Add	*29.43*	
		For Stainless Steel, Add	*117.72*	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	173.19	
		For Hot-Dipped Galvanized, Add	*55.61*	
		For Stainless Steel, Add	*222.42*	
04 05 19 13-0227		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		83.43	
		For Hot-Dipped Galvanized, Add		*24.69*	
		For Stainless Steel, Add		*98.76*	
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		86.68	
		For Hot-Dipped Galvanized, Add		*25.00*	
		For Stainless Steel, Add		*100.00*	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		91.12	
		For Hot-Dipped Galvanized, Add		*25.92*	
		For Stainless Steel, Add		*103.66*	
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		97.99	
		For Hot-Dipped Galvanized, Add		*27.17*	
		For Stainless Steel, Add		*108.68*	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		105.49	
		For Hot-Dipped Galvanized, Add		*28.73*	
		For Stainless Steel, Add		*114.92*	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		111.28	
		For Hot-Dipped Galvanized, Add		*29.45*	
		For Stainless Steel, Add		*117.78*	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		115.59	
		For Hot-Dipped Galvanized, Add		*30.51*	
		For Stainless Steel, Add		*122.04*	
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		144.15	
		For Hot-Dipped Galvanized, Add		*42.83*	
		For Stainless Steel, Add		*171.30*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		152.50	
		For Hot-Dipped Galvanized, Add		*45.26*	
		For Stainless Steel, Add		*181.02*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		222.84	
		For Hot-Dipped Galvanized, Add		*78.25*	
		For Stainless Steel, Add		*312.98*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		74.12	
		For Hot-Dipped Galvanized, Add		*20.04*	
		For Stainless Steel, Add		*80.14*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		77.32	
		For Hot-Dipped Galvanized, Add		*20.47*	
		For Stainless Steel, Add		*81.88*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		81.62	
		For Hot-Dipped Galvanized, Add		*20.97*	
		For Stainless Steel, Add		*83.88*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		86.72	
		For Hot-Dipped Galvanized, Add		*21.54*	
		For Stainless Steel, Add		*86.14*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		92.69	
		For Hot-Dipped Galvanized, Add		*22.09*	
		For Stainless Steel, Add		*88.36*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		97.11	
		For Hot-Dipped Galvanized, Add		*22.36*	
		For Stainless Steel, Add		*89.44*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		100.33	
		For Hot-Dipped Galvanized, Add		*22.67*	
		For Stainless Steel, Add		*90.66*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		112.40	
		For Hot-Dipped Galvanized, Add		*26.95*	
		For Stainless Steel, Add		*107.80*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		83.87	
		For Hot-Dipped Galvanized, Add		*24.91*	
		For Stainless Steel, Add		*99.64*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		87.20	
		For Hot-Dipped Galvanized, Add		*25.41*	
		For Stainless Steel, Add		*101.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.61	
		For Hot-Dipped Galvanized, Add	*25.97*	
		For Stainless Steel, Add	*103.86*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.61	
		For Hot-Dipped Galvanized, Add	*26.48*	
		For Stainless Steel, Add	*105.92*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.54	
		For Hot-Dipped Galvanized, Add	*27.02*	
		For Stainless Steel, Add	*108.06*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.99	
		For Hot-Dipped Galvanized, Add	*27.31*	
		For Stainless Steel, Add	*109.24*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.16	
		For Hot-Dipped Galvanized, Add	*27.58*	
		For Stainless Steel, Add	*110.32*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.38	
		For Hot-Dipped Galvanized, Add	*33.45*	
		For Stainless Steel, Add	*133.78*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.33	
		For Hot-Dipped Galvanized, Add	*46.68*	
		For Stainless Steel, Add	*186.72*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	93.32	
		For Hot-Dipped Galvanized, Add	*29.64*	
		For Stainless Steel, Add	*118.54*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.98	
		For Hot-Dipped Galvanized, Add	*30.65*	
		For Stainless Steel, Add	*122.60*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.62	
		For Hot-Dipped Galvanized, Add	*31.67*	
		For Stainless Steel, Add	*126.66*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.39	
		For Hot-Dipped Galvanized, Add	*32.87*	
		For Stainless Steel, Add	*131.48*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.18	
		For Hot-Dipped Galvanized, Add	*34.08*	
		For Stainless Steel, Add	*136.30*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.82	
		For Hot-Dipped Galvanized, Add	*34.72*	
		For Stainless Steel, Add	*138.86*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.11	
		For Hot-Dipped Galvanized, Add	*35.27*	
		For Stainless Steel, Add	*141.08*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.25	
		For Hot-Dipped Galvanized, Add	*36.38*	
		For Stainless Steel, Add	*145.50*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.00	
		For Hot-Dipped Galvanized, Add	*53.01*	
		For Stainless Steel, Add	*212.02*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.58	
		For Hot-Dipped Galvanized, Add	*31.27*	
		For Stainless Steel, Add	*125.06*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.78	
		For Hot-Dipped Galvanized, Add	*31.70*	
		For Stainless Steel, Add	*126.80*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.08	
		For Hot-Dipped Galvanized, Add	*32.20*	
		For Stainless Steel, Add	*128.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.18	
		For Hot-Dipped Galvanized, Add	*32.77*	
		For Stainless Steel, Add	*131.06*	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.15	
		For Hot-Dipped Galvanized, Add	*33.32*	
		For Stainless Steel, Add	*133.28*	
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.57	
		For Hot-Dipped Galvanized, Add	*33.59*	
		For Stainless Steel, Add	*134.36*	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.79	
		For Hot-Dipped Galvanized, Add	*33.90*	
		For Stainless Steel, Add	*135.58*	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.87	
		For Hot-Dipped Galvanized, Add	*38.19*	
		For Stainless Steel, Add	*152.74*	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.52	
		For Hot-Dipped Galvanized, Add	*46.77*	
		For Stainless Steel, Add	*187.08*	
04 05 19 13-0277		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.33	
		For Hot-Dipped Galvanized, Add	*36.14*	
		For Stainless Steel, Add	*144.56*	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.66	
		For Hot-Dipped Galvanized, Add	*36.64*	
		For Stainless Steel, Add	*146.56*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.07	
		For Hot-Dipped Galvanized, Add	*37.20*	
		For Stainless Steel, Add	*148.78*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.07	
		For Hot-Dipped Galvanized, Add	*37.71*	
		For Stainless Steel, Add	*150.84*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.00	
		For Hot-Dipped Galvanized, Add	*38.25*	
		For Stainless Steel, Add	*152.98*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.45	
		For Hot-Dipped Galvanized, Add	*38.54*	
		For Stainless Steel, Add	*154.16*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.62	
		For Hot-Dipped Galvanized, Add	*38.81*	
		For Stainless Steel, Add	*155.24*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.84	
		For Hot-Dipped Galvanized, Add	*44.68*	
		For Stainless Steel, Add	*178.70*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	177.79	
		For Hot-Dipped Galvanized, Add	*57.91*	
		For Stainless Steel, Add	*231.64*	
04 05 19 13-0287		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.78	
		For Hot-Dipped Galvanized, Add	*40.87*	
		For Stainless Steel, Add	*163.46*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.44	
		For Hot-Dipped Galvanized, Add	*41.88*	
		For Stainless Steel, Add	*167.52*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.08	
		For Hot-Dipped Galvanized, Add	*42.90*	
		For Stainless Steel, Add	*171.58*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.85	
		For Hot-Dipped Galvanized, Add	*44.10*	
		For Stainless Steel, Add	*176.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.64	
		For Hot-Dipped Galvanized, Add	*45.31*	
		For Stainless Steel, Add	*181.22*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.29	
		For Hot-Dipped Galvanized, Add	*45.95*	
		For Stainless Steel, Add	*183.80*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.57	
		For Hot-Dipped Galvanized, Add	*46.50*	
		For Stainless Steel, Add	*186.00*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.71	
		For Hot-Dipped Galvanized, Add	*47.61*	
		For Stainless Steel, Add	*190.42*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	190.46	
		For Hot-Dipped Galvanized, Add	*64.24*	
		For Stainless Steel, Add	*256.94*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	83.32	
		For Hot-Dipped Galvanized, Add	*19.56*	
		For Stainless Steel, Add	*78.22*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	90.10	
		For Hot-Dipped Galvanized, Add	*20.50*	
		For Stainless Steel, Add	*81.98*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	97.42	
		For Hot-Dipped Galvanized, Add	*21.70*	
		For Stainless Steel, Add	*86.78*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	103.97	
		For Hot-Dipped Galvanized, Add	*22.52*	
		For Stainless Steel, Add	*90.08*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	107.80	
		For Hot-Dipped Galvanized, Add	*23.21*	
		For Stainless Steel, Add	*92.82*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	115.54	
		For Hot-Dipped Galvanized, Add	*24.87*	
		For Stainless Steel, Add	*99.46*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	122.78	
		For Hot-Dipped Galvanized, Add	*26.52*	
		For Stainless Steel, Add	*106.08*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	95.50	
		For Hot-Dipped Galvanized, Add	*25.65*	
		For Stainless Steel, Add	*102.58*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	102.31	
		For Hot-Dipped Galvanized, Add	*26.60*	
		For Stainless Steel, Add	*106.40*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	109.58	
		For Hot-Dipped Galvanized, Add	*27.78*	
		For Stainless Steel, Add	*111.10*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	116.15	
		For Hot-Dipped Galvanized, Add	*28.61*	
		For Stainless Steel, Add	*114.44*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	119.90	
		For Hot-Dipped Galvanized, Add	*29.26*	
		For Stainless Steel, Add	*117.02*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	127.67	
		For Hot-Dipped Galvanized, Add	*30.93*	
		For Stainless Steel, Add	*123.72*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		134.96	
		For Hot-Dipped Galvanized, Add		*32.61*	
		For Stainless Steel, Add		*130.44*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		106.79	
		For Hot-Dipped Galvanized, Add		*31.29*	
		For Stainless Steel, Add		*125.16*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		114.66	
		For Hot-Dipped Galvanized, Add		*32.78*	
		For Stainless Steel, Add		*131.10*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		123.65	
		For Hot-Dipped Galvanized, Add		*34.81*	
		For Stainless Steel, Add		*139.24*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		130.76	
		For Hot-Dipped Galvanized, Add		*35.92*	
		For Stainless Steel, Add		*143.66*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		135.43	
		For Hot-Dipped Galvanized, Add		*37.02*	
		For Stainless Steel, Add		*148.08*	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		144.83	
		For Hot-Dipped Galvanized, Add		*39.51*	
		For Stainless Steel, Add		*158.04*	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		152.89	
		For Hot-Dipped Galvanized, Add		*41.58*	
		For Stainless Steel, Add		*166.30*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		121.29	
		For Hot-Dipped Galvanized, Add		*38.54*	
		For Stainless Steel, Add		*154.16*	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		126.73	
		For Hot-Dipped Galvanized, Add		*38.81*	
		For Stainless Steel, Add		*155.24*	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		133.54	
		For Hot-Dipped Galvanized, Add		*39.76*	
		For Stainless Steel, Add		*159.02*	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		143.41	
		For Hot-Dipped Galvanized, Add		*41.01*	
		For Stainless Steel, Add		*164.04*	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		150.79	
		For Hot-Dipped Galvanized, Add		*42.49*	
		For Stainless Steel, Add		*169.96*	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		158.33	
		For Hot-Dipped Galvanized, Add		*44.30*	
		For Stainless Steel, Add		*177.18*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		140.13	
		For Hot-Dipped Galvanized, Add		*47.96*	
		For Stainless Steel, Add		*191.84*	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		145.84	
		For Hot-Dipped Galvanized, Add		*48.37*	
		For Stainless Steel, Add		*193.46*	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		152.65	
		For Hot-Dipped Galvanized, Add		*49.31*	
		For Stainless Steel, Add		*197.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	162.46	
		For Hot-Dipped Galvanized, Add	*50.54*	
		For Stainless Steel, Add	*202.14*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.60	
		For Hot-Dipped Galvanized, Add	*51.90*	
		For Stainless Steel, Add	*207.58*	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	176.28	
		For Hot-Dipped Galvanized, Add	*53.27*	
		For Stainless Steel, Add	*213.08*	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	150.46	
		For Hot-Dipped Galvanized, Add	*53.13*	
		For Stainless Steel, Add	*212.50*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	156.17	
		For Hot-Dipped Galvanized, Add	*53.53*	
		For Stainless Steel, Add	*214.12*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	164.05	
		For Hot-Dipped Galvanized, Add	*55.01*	
		For Stainless Steel, Add	*220.04*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	175.29	
		For Hot-Dipped Galvanized, Add	*56.95*	
		For Stainless Steel, Add	*227.80*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	184.62	
		For Hot-Dipped Galvanized, Add	*59.41*	
		For Stainless Steel, Add	*237.62*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	193.99	
		For Hot-Dipped Galvanized, Add	*62.13*	
		For Stainless Steel, Add	*248.50*	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	129.78	
		For Hot-Dipped Galvanized, Add	*40.34*	
		For Stainless Steel, Add	*161.34*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	135.26	
		For Hot-Dipped Galvanized, Add	*40.62*	
		For Stainless Steel, Add	*162.46*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	144.46	
		For Hot-Dipped Galvanized, Add	*41.54*	
		For Stainless Steel, Add	*166.14*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.36	
		For Hot-Dipped Galvanized, Add	*42.78*	
		For Stainless Steel, Add	*171.10*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	158.31	
		For Hot-Dipped Galvanized, Add	*44.29*	
		For Stainless Steel, Add	*177.14*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	164.11	
		For Hot-Dipped Galvanized, Add	*45.82*	
		For Stainless Steel, Add	*183.28*	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	148.56	
		For Hot-Dipped Galvanized, Add	*49.73*	
		For Stainless Steel, Add	*198.90*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	154.29	
		For Hot-Dipped Galvanized, Add	*50.13*	
		For Stainless Steel, Add	*200.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	163.54	
		For Hot-Dipped Galvanized, Add	*51.08*	
		For Stainless Steel, Add	*204.30*	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	170.44	
		For Hot-Dipped Galvanized, Add	*52.32*	
		For Stainless Steel, Add	*209.26*	
04 05 19 13-0357	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.09	
		For Hot-Dipped Galvanized, Add	*53.68*	
		For Stainless Steel, Add	*214.70*	
04 05 19 13-0358	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.06	
		For Hot-Dipped Galvanized, Add	*55.30*	
		For Stainless Steel, Add	*221.18*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0360	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	158.91	
		For Hot-Dipped Galvanized, Add	*54.90*	
		For Stainless Steel, Add	*219.60*	
04 05 19 13-0361	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	164.62	
		For Hot-Dipped Galvanized, Add	*55.30*	
		For Stainless Steel, Add	*221.18*	
04 05 19 13-0362	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	174.99	
		For Hot-Dipped Galvanized, Add	*56.80*	
		For Stainless Steel, Add	*227.20*	
04 05 19 13-0363	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.27	
		For Hot-Dipped Galvanized, Add	*58.73*	
		For Stainless Steel, Add	*234.92*	
04 05 19 13-0364	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	192.08	
		For Hot-Dipped Galvanized, Add	*61.17*	
		For Stainless Steel, Add	*244.68*	
04 05 19 13-0365	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	198.53	
		For Hot-Dipped Galvanized, Add	*63.03*	
		For Stainless Steel, Add	*252.12*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0368	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	122.53	
		For Hot-Dipped Galvanized, Add	*36.71*	
		For Stainless Steel, Add	*146.84*	
		For Seismic Hook And Eye, Add	*15.79*	
04 05 19 13-0369	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	127.96	
		For Hot-Dipped Galvanized, Add	*36.97*	
		For Stainless Steel, Add	*147.86*	
		For Seismic Hook And Eye, Add	*15.89*	
04 05 19 13-0370	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	136.91	
		For Hot-Dipped Galvanized, Add	*37.76*	
		For Stainless Steel, Add	*151.04*	
		For Seismic Hook And Eye, Add	*16.24*	
04 05 19 13-0371	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	143.62	
		For Hot-Dipped Galvanized, Add	*38.91*	
		For Stainless Steel, Add	*155.62*	
		For Seismic Hook And Eye, Add	*16.73*	
04 05 19 13-0372	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	149.92	
		For Hot-Dipped Galvanized, Add	*40.09*	
		For Stainless Steel, Add	*160.36*	
		For Seismic Hook And Eye, Add	*17.24*	
04 05 19 13-0373	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	155.56	
		For Hot-Dipped Galvanized, Add	*41.55*	
		For Stainless Steel, Add	*166.18*	
		For Seismic Hook And Eye, Add	*17.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0374		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0375	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	139.83	
		For Hot-Dipped Galvanized, Add	*45.36*	
		For Stainless Steel, Add	*181.44*	
		For Seismic Hook And Eye, Add	*19.50*	
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	145.45	
		For Hot-Dipped Galvanized, Add	*45.71*	
		For Stainless Steel, Add	*182.84*	
		For Seismic Hook And Eye, Add	*19.66*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	154.27	
		For Hot-Dipped Galvanized, Add	*46.44*	
		For Stainless Steel, Add	*185.76*	
		For Seismic Hook And Eye, Add	*19.97*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	160.87	
		For Hot-Dipped Galvanized, Add	*47.53*	
		For Stainless Steel, Add	*190.12*	
		For Seismic Hook And Eye, Add	*20.44*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.15	
		For Hot-Dipped Galvanized, Add	*48.71*	
		For Stainless Steel, Add	*194.82*	
		For Seismic Hook And Eye, Add	*20.94*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	172.46	
		For Hot-Dipped Galvanized, Add	*50.00*	
		For Stainless Steel, Add	*199.98*	
		For Seismic Hook And Eye, Add	*21.50*	
04 05 19 13-0381		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.29	
		For Hot-Dipped Galvanized, Add	*50.59*	
		For Stainless Steel, Add	*202.36*	
		For Seismic Hook And Eye, Add	*21.75*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	155.99	
		For Hot-Dipped Galvanized, Add	*50.98*	
		For Stainless Steel, Add	*203.92*	
		For Seismic Hook And Eye, Add	*21.92*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	166.18	
		For Hot-Dipped Galvanized, Add	*52.40*	
		For Stainless Steel, Add	*209.58*	
		For Seismic Hook And Eye, Add	*22.53*	
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	174.29	
		For Hot-Dipped Galvanized, Add	*54.24*	
		For Stainless Steel, Add	*216.96*	
		For Seismic Hook And Eye, Add	*23.32*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	182.89	
		For Hot-Dipped Galvanized, Add	*56.58*	
		For Stainless Steel, Add	*226.30*	
		For Seismic Hook And Eye, Add	*24.33*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	190.79	
		For Hot-Dipped Galvanized, Add	*59.16*	
		For Stainless Steel, Add	*236.64*	
		For Seismic Hook And Eye, Add	*25.44*	
04 05 19 13-0388		Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0389		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*		
04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	130.90	
		For Hot-Dipped Galvanized, Add	*38.44*	
		For Stainless Steel, Add	*153.74*	
		For Seismic Hook And Eye, Add	*16.53*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	138.80	
		For Hot-Dipped Galvanized, Add	*38.71*	
		For Stainless Steel, Add	*154.82*	
		For Seismic Hook And Eye, Add	*16.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	144.92	
		For Hot-Dipped Galvanized, Add	*39.56*	
		For Stainless Steel, Add	*158.22*	
		For Seismic Hook And Eye, Add	*17.01*	
04 05 19 13-0393	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	151.27	
		For Hot-Dipped Galvanized, Add	*40.77*	
		For Stainless Steel, Add	*163.06*	
		For Seismic Hook And Eye, Add	*17.53*	
04 05 19 13-0394	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	156.80	
		For Hot-Dipped Galvanized, Add	*42.17*	
		For Stainless Steel, Add	*168.66*	
		For Seismic Hook And Eye, Add	*18.13*	

04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0396	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	149.55	
		For Hot-Dipped Galvanized, Add	*47.76*	
		For Stainless Steel, Add	*191.04*	
		For Seismic Hook And Eye, Add	*20.54*	
04 05 19 13-0397	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	157.50	
		For Hot-Dipped Galvanized, Add	*48.06*	
		For Stainless Steel, Add	*192.22*	
		For Seismic Hook And Eye, Add	*20.66*	
04 05 19 13-0398	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	163.57	
		For Hot-Dipped Galvanized, Add	*48.88*	
		For Stainless Steel, Add	*195.52*	
		For Seismic Hook And Eye, Add	*21.02*	
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	169.71	
		For Hot-Dipped Galvanized, Add	*49.99*	
		For Stainless Steel, Add	*199.94*	
		For Seismic Hook And Eye, Add	*21.49*	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.70	
		For Hot-Dipped Galvanized, Add	*51.12*	
		For Stainless Steel, Add	*204.46*	
		For Seismic Hook And Eye, Add	*21.98*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	158.61	
		For Hot-Dipped Galvanized, Add	*52.29*	
		For Stainless Steel, Add	*209.16*	
		For Seismic Hook And Eye, Add	*22.48*	
04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	166.72	
		For Hot-Dipped Galvanized, Add	*52.67*	
		For Stainless Steel, Add	*210.66*	
		For Seismic Hook And Eye, Add	*22.65*	
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.00	
		For Hot-Dipped Galvanized, Add	*54.10*	
		For Stainless Steel, Add	*216.38*	
		For Seismic Hook And Eye, Add	*23.26*	
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	181.59	
		For Hot-Dipped Galvanized, Add	*55.93*	
		For Stainless Steel, Add	*223.70*	
		For Seismic Hook And Eye, Add	*24.05*	
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	188.99	
		For Hot-Dipped Galvanized, Add	*58.26*	
		For Stainless Steel, Add	*233.04*	
		For Seismic Hook And Eye, Add	*25.05*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.07	
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.13	
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.18	
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.25	
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.31	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.18	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.25	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.31	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.38	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.98	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.00	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.02	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.06	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.10	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.02	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.06	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.10	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.13	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.98	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.01	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.11	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.15	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.16	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.22	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.30	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.34	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.91	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.92	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.99	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.01	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.02	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.06	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.10	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.14	
04 05 19 16-0041		Wire Beam Ties *(04 05 19 16)*		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.24	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.27	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.29	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.31	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.35	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.44	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.49	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.55	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.58	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.62	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.35	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.41	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.42	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.46	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.48	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.18	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.21	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.23	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.25	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.26	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*			
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.60	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.65	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.71	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.76	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.81	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.64	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.70	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.76	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.82	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor		1.88	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*			
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.41	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.45	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.49	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.53	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.57	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.44	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.49	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.53	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.57	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor		1.61	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*			
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*			
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie		0.91	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie		0.95	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie		0.97	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie		0.98	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie		1.13	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*			
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie		0.92	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie		0.94	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie		0.95	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie		1.06	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*			
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie		1.29	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie		1.35	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie		1.42	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie		1.48	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie		1.81	
04 05 19 16-0108		Wire Mesh Wall Ties *(04 05 19 16)*			
		Note: 1/2" square mesh.			
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		1.72	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		2.06	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		2.40	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		3.00	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		2.88	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie		3.45	
04 05 19 16-0115		Triangle Brick Ties *(04 05 19 16)*			
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*			
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.54	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.57	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.59	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.65	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.68	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.76	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.81	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.93	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.78	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.80	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.82	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.88	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.90	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		1.97	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		2.01	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie		2.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0133		**Mill Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.43	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.44	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.44	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.49	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.50	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.56	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.57	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.61	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.57	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.58	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.60	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.65	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.66	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.73	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.75	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.82	
04 05 19 16-0150		**Seismic Veneer Anchors** *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	6.04	
04 05 19 16-0152		**Slip-Set, Joint Stabilization Anchors** *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	4.34	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	4.69	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.04	
04 05 19 16-0156		**Strap Partition Top Anchors** *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.58	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.36	
04 05 19 16-0159		**Rigid Partition Anchors** *(04 05 19 16)*		
04 05 19 16-0160		**Hot-Dipped Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.10	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.25	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.43	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.60	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.77	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.93	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.77	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.30	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.84	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.37	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.91	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.45	
04 05 19 16-0173		**Mill Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.95	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.08	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.21	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.34	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.47	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.60	
04 05 19 16-0180		**Screw-On Masonry Veneer Anchor Plates** *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.36	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.41	
04 05 19 16-0183		**Wire Column Ties** *(04 05 19 16)*		
04 05 19 16-0184		**Hot-Dipped Galvanized, Wire Column Ties** *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.59	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.68	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.74	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.83	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.67	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.74	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.80	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.06	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.21	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.31	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.46	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.21	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.31	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.40	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.50	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.48	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.49	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.52	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.58	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.45	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.51	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.54	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.59	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.78	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.88	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.92	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.02	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.73	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.90	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.97	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.02	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.21	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.47	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.62	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.70	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.87	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.68	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.01	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.09	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.21	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.28	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.60	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.04	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.19	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.69	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.17	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.94	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.28	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.61	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.04	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.29	
04 05 19 16-0244		Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0245		Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.15	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.23	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.32	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.17	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.33	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.45	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.22	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.32	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.43	
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.07	

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CSI		UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0257		EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.13	
04 05 19 16-0258		EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.18	
04 05 19 16-0259		EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.11	
04 05 19 16-0260		EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.22	
04 05 19 16-0261		EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.30	
04 05 19 16-0262		EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.13	
04 05 19 16-0263		EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.26	
04 05 19 16-0264		EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie		1.34	
04 05 19 16-0265			Dovetail Stone Anchors *(04 05 19 16-0218)*			
04 05 19 16-0266			Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*			
04 05 19 16-0267		EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor		1.33	
04 05 19 16-0268		EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor		1.41	
04 05 19 16-0269		EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor		1.50	
04 05 19 16-0270			Dovetail Partition Top Anchors *(04 05 19 16-0218)*			
04 05 19 16-0271		EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor		2.72	
04 05 19 16-0272		EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor		6.83	
04 05 19 16-0273			Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*			
04 05 19 16-0274			Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*			
04 05 19 16-0275		EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie		1.93	
04 05 19 16-0276		EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie		2.04	
04 05 19 16-0277		EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie		2.12	
04 05 19 16-0278		EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie		2.19	
04 05 19 16-0279			Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0278)*			
04 05 19 16-0280		EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie		1.77	
04 05 19 16-0281		EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie		1.78	
04 05 19 16-0282		EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie		1.83	
04 05 19 16-0283		EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie		1.95	
04 05 19 26			**Masonry Reinforcing Bars** *(04 05 19)*			
			Note: Includes cutting and bending.			
04 05 19 26-0001			Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*			
04 05 19 26-0002		LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar		0.91	
04 05 19 26-0003		LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar		1.50	
04 05 19 26-0004		LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar		2.11	
04 05 19 26-0005		LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar		2.75	
04 05 19 26-0006		LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar		0.93	
04 05 19 26-0007		LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar		1.53	
04 05 19 26-0008		LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar		2.14	
04 05 19 26-0009		LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar		2.80	
04 05 19 26-0010		LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar		0.95	
04 05 19 26-0011		LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar		1.56	
04 05 19 26-0012		LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar		2.20	
04 05 19 26-0013		LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar		2.88	
04 05 19 26-0014		LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar		1.08	
04 05 19 26-0015		LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar		1.75	
04 05 19 26-0016		LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar		2.47	
04 05 19 26-0017		LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar		3.18	
04 05 19 26-0018		LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar		1.10	
04 05 19 26-0019		LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar		1.78	
04 05 19 26-0020		LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar		2.50	
04 05 19 26-0021		LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar		3.23	
04 05 19 26-0022		LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar		1.12	
04 05 19 26-0023		LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar		1.81	
04 05 19 26-0024		LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar		2.56	
04 05 19 26-0025		LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar		3.31	
04 05 19 26-0026			Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*			
04 05 19 26-0027		LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.05	
04 05 19 26-0028		LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.73	
04 05 19 26-0029		LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		2.47	
04 05 19 26-0030		LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		3.27	
04 05 19 26-0031		LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.06	
04 05 19 26-0032		LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.76	
04 05 19 26-0033		LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		2.50	
04 05 19 26-0034		LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		3.32	
04 05 19 26-0035		LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.08	
04 05 19 26-0036		LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		1.79	
04 05 19 26-0037		LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar		2.56	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.40	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.22	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.98	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.83	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.70	
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.23	
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.01	
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.86	
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.75	
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.25	
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.04	
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.92	
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.83	
04 05 19 26-0051		Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0052	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.03	
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.71	
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.43	
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.21	
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.04	
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.73	
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.46	
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.26	
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.06	
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.77	
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.52	
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.34	
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.20	
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.96	
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.79	
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.64	
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.21	
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.98	
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.82	
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.69	
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.23	
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.02	
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.88	
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.77	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control and Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	4.52	0.87
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	4.41	0.87
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	8.91	0.87

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.00	0.87
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.09	0.87
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.89	0.87
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.35	0.87
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.15	0.87

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.45	1.54
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.41	1.54
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.05	1.54
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.39	1.54

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.38	1.54
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.24	1.54
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.29	1.54
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.11	1.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.67	1.54
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.86	1.54
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.58	1.54
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.15	1.54
04 05 23 16-0017		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.24	1.44
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.84	1.64
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.01	1.64
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.19	1.64
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.82	1.64
04 05 23 16-0025		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.02	1.44
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.72	1.44
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	9.66	1.44
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	11.37	1.44
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.10	1.44
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.71	1.44
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.33	1.44
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.57	1.44
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	12.62	1.44
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.84	1.44
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.09	1.44
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.81	1.44
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.74	1.44
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	11.44	1.44
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.17	1.44
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.19	1.44
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.05	1.44
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.31	1.44
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	11.93	1.44
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.69	1.44
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.06	1.44
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	12.65	1.44
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)* Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	8.56	1.44
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	10.88	1.44
04 05 23 19		**Masonry Cavity Drainage, Weepholes, and Vents** *(04 05 23)*		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	72.20	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	89.87	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	114.02	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	89.64	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	111.17	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	141.40	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	106.81	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	145.86	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	179.43	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	147.46	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	192.47	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	238.11	

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry *(04 21 13)*

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	22.85
		For Buff Or Gray, Add	*0.91*
		For Common Or American Bond, Add	*0.70*
		For English Bond, Add	*1.39*
		For Flemish Bond, Add	*2.88*
		For Stacked Bond, Add	*2.01*
		For <10, Small Area Replacements (Individual Areas), Add	*26.39*
		For Curved Wall, Add	*3.48*
		For Corbels, Add	*13.06*
		For Severe Weather (SW) Brick, Add	*0.82*
		For Glazed Brick, Add	*19.04*
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)	23.76
		For Buff Or Gray, Add	*1.13*
		For Common Or American Bond, Add	*0.68*
		For English Bond, Add	*1.36*
		For Flemish Bond, Add	*2.89*
		For Stacked Bond, Add	*2.04*
		For <10, Small Area Replacements (Individual Areas), Add	*25.85*
		For Curved Wall, Add	*3.40*
		For Corbels, Add	*12.76*
		For Severe Weather (SW) Brick, Add	*1.01*
		For Glazed Brick, Add	*23.63*
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)	22.85
		For Buff Or Gray, Add	*0.91*
		For Common Or American Bond, Add	*0.70*
		For English Bond, Add	*1.39*
		For Flemish Bond, Add	*2.88*
		For Stacked Bond, Add	*2.01*
		For <10, Small Area Replacements (Individual Areas), Add	*26.39*
		For Curved Wall, Add	*3.48*
		For Corbels, Add	*13.06*
		For Severe Weather (SW) Brick, Add	*0.82*
		For Glazed Brick, Add	*19.04*
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)	23.76
		For Buff Or Gray, Add	*1.13*
		For Common Or American Bond, Add	*0.68*
		For English Bond, Add	*1.36*
		For Flemish Bond, Add	*2.89*
		For Stacked Bond, Add	*2.04*
		For <10, Small Area Replacements (Individual Areas), Add	*25.85*
		For Curved Wall, Add	*3.40*
		For Corbels, Add	*12.76*
		For Severe Weather (SW) Brick, Add	*1.01*
		For Glazed Brick, Add	*23.63*
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)	23.58
		For Buff Or Gray, Add	*1.10*
		For Common Or American Bond, Add	*0.68*
		For English Bond, Add	*1.36*
		For Flemish Bond, Add	*2.88*
		For Stacked Bond, Add	*2.03*
		For <10, Small Area Replacements (Individual Areas), Add	*25.84*
		For Curved Wall, Add	*3.40*
		For Corbels, Add	*12.76*
		For Severe Weather (SW) Brick, Add	*0.99*
		For Glazed Brick, Add	*23.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond	17.50	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
		For Buff Or Gray, Add	*0.94*	
		For Common Or American Bond, Add	*0.48*	
		For English Bond, Add	*0.95*	
		For Flemish Bond, Add	*2.06*	
		For Stacked Bond, Add	*1.47*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.10*	
		For Curved Wall, Add	*2.38*	
		For Corbels, Add	*8.91*	
		For Severe Weather (SW) Brick, Add	*0.84*	
		For Glazed Brick, Add	*19.67*	
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond	15.82	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	*0.66*	
		For Common Or American Bond, Add	*0.48*	
		For English Bond, Add	*0.95*	
		For Flemish Bond, Add	*1.98*	
		For Stacked Bond, Add	*1.39*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.02*	
		For Curved Wall, Add	*2.38*	
		For Corbels, Add	*8.91*	
		For Severe Weather (SW) Brick, Add	*0.59*	
		For Glazed Brick, Add	*13.79*	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond	24.09	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.18*	
		For Common Or American Bond, Add	*0.68*	
		For English Bond, Add	*1.36*	
		For Flemish Bond, Add	*2.91*	
		For Stacked Bond, Add	*2.06*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.87*	
		For Curved Wall, Add	*3.40*	
		For Corbels, Add	*12.76*	
		For Severe Weather (SW) Brick, Add	*1.06*	
		For Glazed Brick, Add	*24.78*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond	25.58	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
		For Buff Or Gray, Add	*1.43*	
		For Common Or American Bond, Add	*0.68*	
		For English Bond, Add	*1.36*	
		For Flemish Bond, Add	*2.98*	
		For Stacked Bond, Add	*2.13*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.94*	
		For Curved Wall, Add	*3.40*	
		For Corbels, Add	*12.76*	
		For Severe Weather (SW) Brick, Add	*1.29*	
		For Glazed Brick, Add	*30.00*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

04 21 13 00-0012	SF	Running Bond, Red Fire Brick	27.08	
		For Buff Or Gray, Add	*1.68*	
		For Common Or American Bond, Add	*0.68*	
		For English Bond, Add	*1.36*	
		For Flemish Bond, Add	*3.06*	
		For Stacked Bond, Add	*2.20*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.02*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill	20.41	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
		For Buff Or Gray, Add	*0.26*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill	20.59	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill	20.41	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.26*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill	20.72	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.31*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill	21.52	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.44*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill	21.68	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.47*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill	21.68	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.47*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill	20.82	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	20.90	
		For Buff Or Gray, Add	*0.34*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	29.26	
		For Stacked Bond, Add	*1.86*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	32.95	
		For Stacked Bond, Add	*1.86*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	40.48	
		For Stacked Bond, Add	*1.95*	

04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	30.44	
		For Stacked Bond, Add	*2.20*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	36.60	
		For Stacked Bond, Add	*2.20*	

04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	23.17	
		For Stacked Bond, Add	*1.19*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	28.98	
		For Stacked Bond, Add	*1.27*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	40.32	
		For Stacked Bond, Add	*1.36*	

04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	31.76	
		For Stacked Bond, Add	*1.53*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	31.71	
		For Stacked Bond, Add	*1.53*	

04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	30.64	
		For Stacked Bond, Add	*1.86*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	32.49	
		For Stacked Bond, Add	*1.86*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	40.71	
		For Stacked Bond, Add	*1.95*	

04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	31.57	
		For Stacked Bond, Add	*2.20*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	36.49	
		For Stacked Bond, Add	*2.20*	

04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	31.66	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	34.23	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	39.94	

04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	35.77	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	40.46	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	47.95	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	10.12	
		For Stacked Bond, Add	*2.34*	
		For Scored Block, Add	*0.22*	
		For Curved Wall Application, Add	*1.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.60*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	11.16	
		For Stacked Bond, Add	*2.54*	
		For Scored Block, Add	*0.28*	
		For Curved Wall Application, Add	*1.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.73*	
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	12.06	
		For Stacked Bond, Add	*2.72*	
		For Scored Block, Add	*0.32*	
		For Curved Wall Application, Add	*2.09*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.82*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	13.07	
		For Stacked Bond, Add	*2.85*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*2.19*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.58*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	15.81	
		For Stacked Bond, Add	*3.52*	
		For Scored Block, Add	*0.46*	
		For Curved Wall Application, Add	*2.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.47*	

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	10.72	
		For Stacked Bond, Add	*2.40*	
		For Scored Block, Add	*0.30*	
		For Curved Wall Application, Add	*1.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.97*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	11.77	
		For Stacked Bond, Add	*2.64*	
		For Scored Block, Add	*0.32*	
		For Curved Wall Application, Add	*2.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.36*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	12.44	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.33*	
		For Curved Wall Application, Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.29*	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	13.59	
		For Stacked Bond, Add	*2.94*	
		For Scored Block, Add	*0.46*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.12*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	16.42	
		For Stacked Bond, Add	*3.63*	
		For Scored Block, Add	*0.49*	
		For Curved Wall Application, Add	*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.14*	

04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	10.35	
		For Stacked Bond, Add	*2.40*	
		For Scored Block, Add	*0.22*	
		For Curved Wall Application, Add	*1.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.94*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	11.43	
		For Stacked Bond, Add	*2.64*	
		For Scored Block, Add	*0.25*	
		For Curved Wall Application, Add	*2.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.34*	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	12.24	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.29*	
		For Curved Wall Application, Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.28*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	14.12	
		For Stacked Bond, Add	*2.94*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.16*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block		16.88	
		For Stacked Bond, Add		*3.63*	
		For Scored Block, Add		*0.58*	
		For Curved Wall Application, Add		*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add		*21.17*	

04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block		10.90	
		For Stacked Bond, Add		*2.47*	
		For Scored Block, Add		*0.28*	
		For Curved Wall Application, Add		*1.90*	
		For <10, Small Area Replacements (Individual Areas), Add		*14.34*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block		11.78	
		For Stacked Bond, Add		*2.72*	
		For Scored Block, Add		*0.26*	
		For Curved Wall Application, Add		*2.09*	
		For <10, Small Area Replacements (Individual Areas), Add		*15.80*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block		12.64	
		For Stacked Bond, Add		*2.89*	
		For Scored Block, Add		*0.30*	
		For Curved Wall Application, Add		*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add		*16.79*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block		13.69	
		For Stacked Bond, Add		*3.03*	
		For Scored Block, Add		*0.41*	
		For Curved Wall Application, Add		*2.33*	
		For <10, Small Area Replacements (Individual Areas), Add		*17.64*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block		16.58	
		For Stacked Bond, Add		*3.76*	
		For Scored Block, Add		*0.42*	
		For Curved Wall Application, Add		*2.89*	
		For <10, Small Area Replacements (Individual Areas), Add		*21.85*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block		11.49	
		For Stacked Bond, Add		*2.54*	
		For Grout And Fill With 2 #5 Rebar, Add		*6.62*	
		For Scored Block, Add		*0.35*	
		For Curved Wall Application, Add		*1.95*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block		12.57	
		For Stacked Bond, Add		*2.72*	
		For Grout And Fill With 2 #5 Rebar, Add		*7.34*	
		For Scored Block, Add		*0.42*	
		For Curved Wall Application, Add		*2.09*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block		15.77	
		For Stacked Bond, Add		*3.52*	
		For Grout And Fill With 2 #5 Rebar, Add		*9.01*	
		For Scored Block, Add		*0.45*	
		For Curved Wall Application, Add		*2.71*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block		11.65	
		For Stacked Bond, Add		*2.64*	
		For Grout And Fill With 2 #5 Rebar, Add		*6.57*	
		For Scored Block, Add		*0.30*	
		For Curved Wall Application, Add		*2.03*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block		12.63	
		For Stacked Bond, Add		*2.80*	
		For Grout And Fill With 2 #5 Rebar, Add		*7.24*	
		For Scored Block, Add		*0.37*	
		For Curved Wall Application, Add		*2.16*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block		15.96	
		For Stacked Bond, Add		*3.63*	
		For Grout And Fill With 2 #5 Rebar, Add		*8.98*	
		For Scored Block, Add		*0.40*	
		For Curved Wall Application, Add		*2.79*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block		13.08	
		For Stacked Bond, Add		*2.94*	
		For Scored Block, Add		*0.36*	
		For Curved Wall Application, Add		*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add		*17.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	14.74	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.41*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.22*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	15.83	
		For Stacked Bond, Add	*3.49*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.33*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	16.89	
		For Stacked Bond, Add	*3.70*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.56*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	20.36	
		For Stacked Bond, Add	*4.54*	
		For Scored Block, Add	*0.58*	
		For Curved Wall Application, Add	*3.49*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.42*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	16.22	
		For Stacked Bond, Add	*2.94*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.32*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	18.04	
		For Stacked Bond, Add	*3.19*	
		For Curved Wall Application, Add	*2.45*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.84*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	20.54	
		For Stacked Bond, Add	*3.49*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.68*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Split Face, Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	13.29	
		For Stacked Bond, Add	*2.94*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.10*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	14.99	
		For Stacked Bond, Add	*3.30*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.24*	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.11	
		For Stacked Bond, Add	*3.49*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.35*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.22	
		For Stacked Bond, Add	*3.70*	
		For Curved Wall Application, Add	*2.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.58*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.35	
		For Stacked Bond, Add	*4.54*	
		For Curved Wall Application, Add	*3.49*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.42*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	13.79	
		For Stacked Bond, Add	*2.94*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.14*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.14*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	15.56	
		For Stacked Bond, Add	*3.30*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.21*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.28*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	16.78	
		For Stacked Bond, Add	*3.49*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.07*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.97	
		For Stacked Bond, Add	*3.70*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.85*	
		For Curved Wall Application, Add	*2.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.64*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	21.07	
		For Stacked Bond, Add	*4.54*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.34*	
		For Curved Wall Application, Add	*3.49*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.48*	
04 22 23 29-0014		Split Rib, Concrete Block *(04 22 23 29)*		
04 22 23 29-0015		Split Rib, Concrete Block *(04 22 23 29-0014)*		
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	13.14	
		For Stacked Bond, Add	*2.94*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.09*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	15.36	
		For Stacked Bond, Add	*3.30*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.26*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	16.31	
		For Stacked Bond, Add	*3.49*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.36*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	17.38	
		For Stacked Bond, Add	*3.70*	
		For Curved Wall Application, Add	*2.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.60*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	20.91	
		For Stacked Bond, Add	*4.54*	
		For Curved Wall Application, Add	*3.49*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.46*	
04 22 23 31		**Glazed Concrete Masonry Unit** *(04 22 23)*		
04 22 23 31-0001		One Glazed Face, Concrete Blocks *(04 22 23 31)*		
04 22 23 31-0002		One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*		
04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	19.77	
		For Stacked Bond, Add	*2.85*	
		For Curved Wall Application, Add	*2.19*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.09*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	21.30	
		For Stacked Bond, Add	*3.14*	
		For Curved Wall Application, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.78*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	22.53	
		For Stacked Bond, Add	*3.30*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.80*	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	23.85	
		For Stacked Bond, Add	*3.49*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.93*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	27.38	
		For Stacked Bond, Add	*4.28*	
		For Curved Wall Application, Add	*3.29*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.49*	
04 22 23 31-0008		Two Glazed Faces, Concrete Blocks *(04 22 23 31)*		
04 22 23 31-0009		Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*		
04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	25.59	
		For Stacked Bond, Add	*3.25*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.72*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	26.97	
		For Stacked Bond, Add	*3.49*	
		For Curved Wall Application, Add	*2.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.16*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	28.95	
		For Stacked Bond, Add	*3.86*	
		For Curved Wall Application, Add	*2.97*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.30*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 23 13 00-0001		Glass Block Unit Masonry *(04 23 13)*		
04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	67.61	
		For Solar Reflective (Suntrol) Blocks, Add	*13.58*	
		For Essex (Horizontal Striated) Blocks, Add	*7.76*	
		For Sculptured Or Patterned Blocks, Add	*13.58*	
		For Colored Glass, Add	*38.81*	
		For Thinline Block, Deduct	*-9.70*	
		For >1,000 To 5,000, Deduct	*-4.81*	
		For >5,000, Deduct	*-8.18*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	48.65	
		For Solar Reflective (Suntrol) Blocks, Add	*9.61*	
		For Essex (Horizontal Striated) Blocks, Add	*5.49*	
		For Sculptured Or Patterned Blocks, Add	*9.61*	
		For Colored Glass, Add	*27.47*	
		For Thinline Block, Deduct	*-6.87*	
		For >1,000 To 5,000, Deduct	*-3.48*	
		For >5,000, Deduct	*-5.91*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	54.58	
		For Solar Reflective (Suntrol) Blocks, Add	*12.29*	
		For Essex (Horizontal Striated) Blocks, Add	*7.02*	
		For Sculptured Or Patterned Blocks, Add	*12.29*	
		For Colored Glass, Add	*35.10*	
		For Thinline Block, Deduct	*-8.78*	
		For >1,000 To 5,000, Deduct	*-3.69*	
		For >5,000, Deduct	*-6.42*	
04 23 13 00-0005		Solid Glass Block (Vistabrik®) *(04 23 13)*		
04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	678.12	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	513.66	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	351.16	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	245.79	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001		Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*		
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	23.28	6.71
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	23.71	6.71

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels for Curtain Walls *(04 42)*

04 42 43 00-0001		Marble Facing Panels *(04 42 43)* Note: 3' x 1.5'		
04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	63.48	15.53
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	66.97	15.73
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	77.20	16.02
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	84.75	16.53
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	90.32	17.53
04 42 43 00-0007	CF	Marble Face Panel	379.40	57.10
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)* Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	54.07	31.15
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	57.34	32.66
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	60.77	34.16
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	70.42	37.57
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	61.99	32.66
04 42 43 00-0015	SF	4" Thick Sandstone Panels	68.05	37.57
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	62.54	37.57

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001		Marble *(04 43 16)*		
04 43 16 00-0002		Marble Base *(04 43 16 00-0001)* Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	96.86	61.85
04 43 16 00-0004	LF	6" High Marble Base	109.72	67.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0005		**Marble Columns** *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	263.07	57.10
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	434.00	57.10
04 43 16 00-0008		**Marble Flooring** *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	26.98	14.16
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	28.88	14.16
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	34.57	16.17
04 43 16 00-0012		**Marble Items** *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	70.55	22.20
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	53.77	17.80
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	32.43	13.24
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	62.48	16.25
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks	36.12	20.53
04 43 16 00-0018		**Limestone** *(04 43 16)*		
04 43 16 00-0019		**Ashlar Veneer Limestone** *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	54.36	22.20
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	82.63	30.50
04 43 16 00-0022		**Limestone Coping** *(04 43 16 00-0018)*		
		Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	26.65	8.02
04 43 16 00-0024	SF	3" Thick Limestone Coping	29.79	8.51
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	32.91	9.02
04 43 16 00-0026	SF	4" Thick Limestone Coping	35.04	9.32
04 43 16 00-0027	SF	5" Thick Limestone Coping	40.29	9.52
04 43 16 00-0028	SF	6" Thick Limestone Coping	58.05	10.02
04 43 16 00-0029	CF	>6" Thick Limestone Coping	95.07	20.11
04 43 16 00-0030		**Limestone Stair Treads** *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	32.13	7.51
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	34.14	8.02
04 43 16 00-0033	SF	3" Thick Limestone Treads	38.17	8.51
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	41.19	9.02
04 43 16 00-0035	SF	4" Thick Limestone Treads	44.21	9.02
04 43 16 00-0036	SF	5" Thick Limestone Treads	48.25	9.52
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	66.17	10.02
04 43 16 00-0038		**Limestone Items** *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	166.34	75.42
04 43 16 00-0040		**Granite** *(04 43 16)*		
04 43 16 00-0041		**Polished Granite Veneer Facing Panels** *(04 43 16 00-0040)*		
		Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	89.81	31.36
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	82.21	31.36
04 43 16 00-0044		**Granite Stair Treads** *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	52.38	7.51
04 43 16 00-0046		**Slate** *(04 43 16)*		
04 43 16 00-0047		**Slate Panels Or Sills** *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	55.77	31.36
04 43 16 00-0049	SF	2" Thick Slate Panels	64.83	31.36
04 43 16 00-0050		**Slate Sills Or Stools** *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	25.18	13.33
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	30.94	13.33
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	30.13	13.33
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	42.49	13.33
04 43 16 00-0055		**Slate Stair Treads** *(04 43 16 00-0046)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	37.73	7.51

04 50 Refractory Masonry *(04)*

04 51 Flue Liner Masonry *(04 50)*

Note: Includes mortar joints.

04 51 00 00-0001 Rectangular Flue Liners *(04 51)*

04 51 00 00-0002	VLF	4" x 8" Clay Flue Liners	17.78
04 51 00 00-0003	VLF	8" x 8" Clay Flue Liners	24.73
04 51 00 00-0004	VLF	8" x 12" Clay Flue Liners	28.13
04 51 00 00-0005	VLF	12" x 12" Clay Flue Liners	35.06
04 51 00 00-0006	VLF	12" x 16" Clay Flue Liners	43.03
04 51 00 00-0007	VLF	12" x 18" Clay Flue Liners	49.01
04 51 00 00-0008	VLF	16" x 16" Clay Flue Liners	53.39
04 51 00 00-0009	VLF	16" x 20" Clay Flue Liners	66.16
04 51 00 00-0010	VLF	18" x 18" Clay Flue Liners	70.72
04 51 00 00-0011	VLF	20" x 20" Clay Flue Liners	91.35
04 51 00 00-0012	VLF	20" x 24" Clay Flue Liners	99.54
04 51 00 00-0013	VLF	24" x 24" Clay Flue Liners	118.23

04 51 00 00-0014 Round Flue Liners *(04 51)*

04 51 00 00-0015	VLF	6" Diameter Clay Flue Liners	43.97
04 51 00 00-0016	VLF	8" Diameter Clay Flue Liners	64.49
04 51 00 00-0017	VLF	10" Diameter Clay Flue Liners	85.12
04 51 00 00-0018	VLF	12" Diameter Clay Flue Liners	103.85
04 51 00 00-0019	VLF	15" Diameter Clay Flue Liners	127.63
04 51 00 00-0020	VLF	18" Diameter Clay Flue Liners	137.99
04 51 00 00-0021	VLF	21" Diameter Clay Flue Liners	176.19
04 51 00 00-0022	VLF	24" Diameter Clay Flue Liners	216.48
04 51 00 00-0023	VLF	27" Diameter Clay Flue Liners	249.87
04 51 00 00-0024	VLF	30" Diameter Clay Flue Liners	284.26
04 51 00 00-0025	VLF	33" Diameter Clay Flue Liners	297.92
04 51 00 00-0026	VLF	36" Diameter Clay Flue Liners	303.93

04 51 00 00-0027 Standard Chimney Block *(04 51)*

Note: Includes refractory mortar. Excludes flue liners.

04 51 00 00-0028	EA	14" x 14" x 8" Concrete Block Chimney Unit	28.86
04 51 00 00-0029	EA	14" x 18" x 8" Concrete Block Chimney Unit	31.74
04 51 00 00-0030	EA	16" x 16" x 8" Concrete Block Chimney Unit	31.94
04 51 00 00-0031	EA	17" x 17" x 8" Concrete Block Chimney Unit	33.54
04 51 00 00-0032	EA	16" x 20" x 8" Concrete Block Chimney Unit	35.34
04 51 00 00-0033	EA	17" x 21" x 8" Concrete Block Chimney Unit	37.28
04 51 00 00-0034	EA	21" x 21" x 8" Concrete Block Chimney Unit	42.16

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001 Precast Concrete Lintels *(04 72)*

04 72 00 00-0002 Solid Precast Concrete Lintels *(04 72 00 00-0001)*

04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	15.94
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	20.51
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	25.45

04 72 00 00-0006 U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	17.10
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	20.83
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	34.79

04 72 00 00-0010 Precast Concrete Coping *(04 72)*

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.

04 72 00 00-0011 Precast Concrete Coping *(04 72 00 00-0010)*

Note: Measured at highest point.

04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	38.28	10.90
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	41.82	11.73
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	47.63	12.57
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	50.39	13.41
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	53.17	14.24
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	61.85	15.09
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	69.19	15.92

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 72 00 00-0019		Precast Concrete Window Sills *(04 72)* Note: Includes caulk and ties.		
04 72 00 00-0020		Precast Concrete Window Sills *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	27.36	8.38
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	37.95	8.38
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	43.49	8.38

END OF SECTION 04

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*

Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	9.80	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.87*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	9.90	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.21	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.93*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.04	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.11	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.14	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.41	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.46	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.52	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.27*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.63	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.27*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.92	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.29*	
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.35	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.31*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.73	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.09*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.82	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.01	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.38	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.12*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.75	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.67	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.28*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.17	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.41*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.45	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.88*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.53	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.89*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.98	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.91*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.52	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.94*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.13	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.97*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.47	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.58	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.24*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.10	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.71*	
		For >100, Deduct	*-5.42*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.97	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.66*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.82	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.75*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	41.27	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.94*	
		For >100, Deduct	*-5.87*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	45.74	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.22*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	49.22	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.70*	
		For >100, Deduct	*-7.39*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	52.67	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.78*	
		For >100, Deduct	*-7.56*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	59.61	
		For >10 To 50, Deduct	*-2.10*	
		For >50 To 100, Deduct	*-4.65*	
		For >100, Deduct	*-9.29*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	62.09	
		For >10 To 50, Deduct	*-2.10*	
		For >50 To 100, Deduct	*-4.71*	
		For >100, Deduct	*-9.42*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	10.86	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.25	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.74	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.01*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.98	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.31	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.55	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.35	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.76	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	22.38	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.51*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	22.74	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.53*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	24.37	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.61*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.84	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.73*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	31.46	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	33.06	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.30*	
		For >100, Deduct	*-4.60*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	34.80	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.69*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.10	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	47.21	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.31*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.57	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.39*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	40.83	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.55*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.61	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.69*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.95	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.71*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	46.56	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.92*	
		For >100, Deduct	*-5.84*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	53.33	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-6.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	62.89	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-3.33*	
		For >100, Deduct	*-6.65*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	63.10	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.48*	
		For >100, Deduct	*-6.96*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	92.01	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-4.76*	
		For >100, Deduct	*-9.53*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	106.14	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-10.24*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.19	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.94*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.88	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.01*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.05	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.62	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.77	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.48	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.36	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.61*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	25.93	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-3.69*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	28.79	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.83*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	29.49	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	40.22	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.96*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	41.08	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	49.83	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	53.40	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-6.18*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	19.83	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	20.86	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.43*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	21.87	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	22.40	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.51*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.04	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	25.81	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	34.89	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	36.02	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.31*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	41.56	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.79*	
		For >100, Deduct	*-5.59*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.67	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-7.16*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	47.87	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.66*	
		For >100, Deduct	*-7.32*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	51.03	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.48*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.86	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.91*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.99	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.91*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.15	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.39	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.51	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.01*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.76	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.27*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.98	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.20	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	16.95	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.23	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.25*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.48	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.77	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.26	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.69	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.03*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.01	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.93	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.08	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.41*	
		For >100, Deduct	*-4.81*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.87	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.85*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.59	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.89*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.73	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.95*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	11.47	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	15.03	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	16.55	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.51*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	22.42	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	25.16	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.64*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	34.54	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.67*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.50	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.94*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	10.73	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.95*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.19	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.12	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	12.77	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	13.46	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	14.00	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	18.67	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	19.09	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	20.31	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.40*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	21.89	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	24.92	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	26.38	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.27*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	27.66	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	32.15	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.12*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	33.52	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	13.69	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.65*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.74	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.46	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.85*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	23.25	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.27*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	27.94	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.93*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	16.96	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	22.87	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.54*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	28.63	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	36.40	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.92*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	50.54	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.06*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.05	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.75	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.15	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	17.77	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	24.74	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.18*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	29.87	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.11	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.02	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.58	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.31*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	17.73	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.27*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	23.87	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.14*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	26.73	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.42*	
		For >100, Deduct	*-4.85*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	12.94	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.20*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	15.05	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	18.68	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.05*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	21.98	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	23.30	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.55*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	28.83	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.39*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	37.61	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.39*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	44.76	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.04*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	61.30	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-4.00*	
		For >100, Deduct	*-7.99*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	88.42	
		For >10 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-5.32*	
		For >100, Deduct	*-10.64*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	10.68	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	11.69	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	14.65	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	16.66	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-3.22*	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	21.47	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	26.58	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.42*	
		For >100, Deduct	*-4.84*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	29.59	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.28*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	39.24	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.45*	
		For >100, Deduct	*-6.89*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	45.00	
		For >10 To 50, Deduct	*-1.86*	
		For >50 To 100, Deduct	*-3.91*	
		For >100, Deduct	*-7.82*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	51.64	
		For >10 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-4.40*	
		For >100, Deduct	*-8.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	56.08	
		For >10 To 50, Deduct	*-2.17*	
		For >50 To 100, Deduct	*-4.65*	
		For >100, Deduct	*-9.30*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	62.22	
		For >10 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-4.95*	
		For >100, Deduct	*-9.89*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	74.50	
		For >10 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-5.53*	
		For >100, Deduct	*-11.07*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	101.91	
		For >10 To 50, Deduct	*-2.54*	
		For >50 To 100, Deduct	*-6.36*	
		For >100, Deduct	*-12.72*	
05 05 19 00-0196		Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*		
05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	4.36	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.43*	
		For >100, Deduct	*-0.85*	
05 05 19 00-0198		Other Concrete And Masonry Anchors *(05 05 19 00-0001)*		
05 05 19 00-0199		Tapcon Masonry Screws *(05 05 19 00-0198)*		
		Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	9.68	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	9.74	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	9.89	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.91*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	9.76	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	9.84	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.91*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	10.01	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.91*	
05 05 19 00-0206		Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*		
		Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	10.66	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.95*	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	11.11	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.97*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	11.23	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.97*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	11.45	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	11.64	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	12.02	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.01*	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	12.50	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	12.95	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	14.18	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	14.33	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.13*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	15.09	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.17*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	15.87	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.21*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	16.36	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	16.14	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	16.86	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.26*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	18.54	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	6.04	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100, Deduct	*-1.15*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	6.04	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100, Deduct	*-1.15*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	6.09	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.58*	
		For >100, Deduct	*-1.15*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	6.11	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.58*	
		For >100, Deduct	*-1.15*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.51	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.13*	
		For >100, Deduct	*-0.27*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.59	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.14*	
		For >100, Deduct	*-0.28*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	1.74	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.15*	
		For >100, Deduct	*-0.30*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	1.93	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.16*	
		For >100, Deduct	*-0.32*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	2.03	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.16*	
		For >100, Deduct	*-0.33*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor		1.79	
		For >10 To 50, Deduct		*-0.07*	
		For >50 To 100, Deduct		*-0.14*	
		For >100, Deduct		*-0.29*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor		2.45	
		For >10 To 50, Deduct		*-0.08*	
		For >50 To 100, Deduct		*-0.18*	
		For >100, Deduct		*-0.36*	

05 05 21 Fastening Methods for Metal *(05 05)*

05 05 21 00-0001 Welding *(05 05 21)*

05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

05 05 21 00-0003	EA	Welding Minimum Charge		447.31	
		Note: For projects where the total weldting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.			

05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each		11.48	
		For Aluminum Welding, Add		*1.79*	
		For Stainless Steel Welding, Add		*2.96*	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each		8.95	
		For Aluminum Welding, Add		*1.41*	
		For Stainless Steel Welding, Add		*2.33*	

05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0009	LF	1/8" Vertical Fillet Weld		7.26	
		For Aluminum Welding, Add		*1.44*	
		For Stainless Steel Welding, Add		*2.26*	
		For Up To 25, Add		*2.39*	
		For >25 To 50, Add		*1.70*	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld		14.05	
		For Aluminum Welding, Add		*2.55*	
		For Stainless Steel Welding, Add		*4.06*	
		For Up To 25, Add		*4.74*	
		For >25 To 50, Add		*3.37*	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld		21.10	
		For Aluminum Welding, Add		*3.83*	
		For Stainless Steel Welding, Add		*6.11*	
		For Up To 25, Add		*7.11*	
		For >25 To 50, Add		*5.05*	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld		27.84	
		For Aluminum Welding, Add		*5.08*	
		For Stainless Steel Welding, Add		*8.09*	
		For Up To 25, Add		*9.37*	
		For >25 To 50, Add		*6.66*	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld		35.15	
		For Aluminum Welding, Add		*6.38*	
		For Stainless Steel Welding, Add		*10.17*	
		For Up To 25, Add		*11.84*	
		For >25 To 50, Add		*8.42*	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld		40.91	
		For Aluminum Welding, Add		*7.01*	
		For Stainless Steel Welding, Add		*11.32*	
		For Up To 25, Add		*13.95*	
		For >25 To 50, Add		*9.94*	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld		48.07	
		For Aluminum Welding, Add		*8.76*	
		For Stainless Steel Welding, Add		*13.95*	
		For Up To 25, Add		*16.18*	
		For >25 To 50, Add		*11.50*	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld		56.23	
		For Aluminum Welding, Add		*9.82*	
		For Stainless Steel Welding, Add		*15.79*	
		For Up To 25, Add		*19.10*	
		For >25 To 50, Add		*13.60*	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld		65.19	
		For Aluminum Welding, Add		*11.42*	
		For Stainless Steel Welding, Add		*18.35*	
		For Up To 25, Add		*22.13*	
		For >25 To 50, Add		*15.75*	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld		87.98	
		For Aluminum Welding, Add		*16.01*	
		For Stainless Steel Welding, Add		*25.51*	
		For Up To 25, Add		*29.62*	
		For >25 To 50, Add		*21.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld	130.15	
		For Aluminum Welding, Add	*22.66*	
		For Stainless Steel Welding, Add	*36.46*	
		For Up To 25, Add	*44.25*	
		For >25 To 50, Add	*31.49*	
05 05 21 00-0020	LF	1" Vertical Fillet Weld	175.32	
		For Aluminum Welding, Add	*31.55*	
		For Stainless Steel Welding, Add	*50.40*	
		For Up To 25, Add	*59.17*	
		For >25 To 50, Add	*42.08*	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld	6.11	
		For Aluminum Welding, Add	*1.27*	
		For Stainless Steel Welding, Add	*1.97*	
		For Up To 25, Add	*1.99*	
		For >25 To 50, Add	*1.41*	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld	11.91	
		For Aluminum Welding, Add	*2.25*	
		For Stainless Steel Welding, Add	*3.56*	
		For Up To 25, Add	*3.98*	
		For >25 To 50, Add	*2.82*	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld	17.81	
		For Aluminum Welding, Add	*3.36*	
		For Stainless Steel Welding, Add	*5.32*	
		For Up To 25, Add	*5.95*	
		For >25 To 50, Add	*4.22*	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld	23.54	
		For Aluminum Welding, Add	*4.48*	
		For Stainless Steel Welding, Add	*7.07*	
		For Up To 25, Add	*7.84*	
		For >25 To 50, Add	*5.57*	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld	29.71	
		For Aluminum Welding, Add	*5.61*	
		For Stainless Steel Welding, Add	*8.87*	
		For Up To 25, Add	*9.92*	
		For >25 To 50, Add	*7.04*	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld	34.44	
		For Aluminum Welding, Add	*6.09*	
		For Stainless Steel Welding, Add	*9.77*	
		For Up To 25, Add	*11.67*	
		For >25 To 50, Add	*8.30*	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld	40.59	
		For Aluminum Welding, Add	*7.70*	
		For Stainless Steel Welding, Add	*12.17*	
		For Up To 25, Add	*13.53*	
		For >25 To 50, Add	*9.61*	
05 05 21 00-0029	LF	9/16" Horizontal Or Flat Fillet Weld	47.44	
		For Aluminum Welding, Add	*8.59*	
		For Stainless Steel Welding, Add	*13.71*	
		For Up To 25, Add	*15.99*	
		For >25 To 50, Add	*11.37*	
05 05 21 00-0030	LF	5/8" Horizontal Or Flat Fillet Weld	55.25	
		For Aluminum Welding, Add	*10.20*	
		For Stainless Steel Welding, Add	*16.21*	
		For Up To 25, Add	*18.54*	
		For >25 To 50, Add	*13.17*	
05 05 21 00-0031	LF	3/4" Horizontal Or Flat Fillet Weld	74.36	
		For Aluminum Welding, Add	*14.11*	
		For Stainless Steel Welding, Add	*22.28*	
		For Up To 25, Add	*24.80*	
		For >25 To 50, Add	*17.61*	
05 05 21 00-0032	LF	7/8" Horizontal Or Flat Fillet Weld	108.98	
		For Aluminum Welding, Add	*19.28*	
		For Stainless Steel Welding, Add	*30.91*	
		For Up To 25, Add	*36.92*	
		For >25 To 50, Add	*26.27*	
05 05 21 00-0033	LF	1" Horizontal Or Flat Fillet Weld	147.65	
		For Aluminum Welding, Add	*27.66*	
		For Stainless Steel Welding, Add	*43.81*	
		For Up To 25, Add	*49.38*	
		For >25 To 50, Add	*35.07*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0269 for drilling into concrete, 02 41 19 13-0279 for drilling into brick or block, 02 41 19 13-0289 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0003		**Plain Finish A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	12.58	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.23*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	13.70	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	13.73	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	16.28	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	15.61	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	18.60	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.75*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	23.09	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	24.75	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.24*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.50	1.38
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.10	1.52
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	25.75	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.29*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	35.94	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.90*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	41.97	1.91
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.48*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	47.11	2.04
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.91*	
05 05 23 00-0018		**Galvanized A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	13.13	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.25*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	14.07	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	15.08	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	17.63	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.14	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	21.44	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	27.98	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.31*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	32.67	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.64*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	22.52	1.38
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	26.64	1.52
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.24*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	31.60	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.59*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	46.54	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.43*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	46.72	1.91
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	58.09	2.04
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.45*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	12.33	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.21*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	12.57	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.23*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	13.36	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.27*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	16.30	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	18.72	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	14.46	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	17.46	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	19.75	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.89*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	24.06	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.21*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	16.69	1.38
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.57*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	20.18	1.52
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	22.92	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	24.79	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.35*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	18.37	1.44
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	21.99	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.11*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	25.32	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.37*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	32.09	1.79
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.85*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	30.71	1.79
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.78*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	34.69	1.91
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.11*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	40.55	2.04
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	47.40	2.18
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.09*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	12.82	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	12.99	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.25*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	14.40	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	17.04	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.68*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	18.01	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	14.94	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	18.06	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.73*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	20.69	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	26.28	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	19.56	1.38
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	21.88	1.52
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	24.98	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.25*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	30.96	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.66*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	20.60	1.44
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.83*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	27.10	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	29.60	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.59*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	37.37	1.79
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.11*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	37.15	1.79
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	39.61	1.91
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.36*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	46.19	2.04
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.86*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	53.30	2.18
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.38*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	13.75	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	18.98	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.77*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	20.26	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	15.27	1.27
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	18.38	1.46
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.74*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	21.24	1.52
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.97*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	26.95	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.35*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	17.63	1.38
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.61*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	20.48	1.52
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.93*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	28.96	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	20.55	1.44
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	24.44	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-3.23*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	27.95	1.68
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	34.61	1.79
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.97*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	44.00	1.91
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	46.35	2.04
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.87*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	48.40	2.18
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.14*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.95	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.98	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.31	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.29	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0116		5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.01	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.03	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.09	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.13	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.35	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.45	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.95	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.21	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.08	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.10	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.17	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.47	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.01	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.59	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.32	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.33	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.78	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.87	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.61	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.39	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.10	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.68	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.58	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.29	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.80	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.01	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.29	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.45	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.00	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.32	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.84	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.70	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.22	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.92	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.84	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.12	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.20	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.68	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.23	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.52	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.21	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.07	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.45	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.26	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.99	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.65	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.37	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.69	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.92	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.91	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.82	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.91	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.78	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.69	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.31	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.74	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.50	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.43	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.18	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.96	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.74	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.63	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.41	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.20	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.00	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.38	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.05	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0303		**5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts** *(05 05 23 00-0285)*		
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.08	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.15	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.48	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.59	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0320		**3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts** *(05 05 23 00-0285)*		
05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.23	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.59	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.04	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.85	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.09	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.97	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.80	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.42	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.30	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.64	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.61	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.63	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.05	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.47	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.18	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.02	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.27	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.53	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.17	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0393		5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.28	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.85	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.42	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.52	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.90	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.18	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.59	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0255)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.42	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.44	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.47	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.53	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.23	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.11	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.52	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.78	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.15	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.35	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.65	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0433		7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.59	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.00	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.68	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.13	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.43	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.49	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.99	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.15	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.09	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.03	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.09	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.62	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.54	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.33	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.12	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0453		1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.76	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.45	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.10	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.36	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.13	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.25	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.22	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.46	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.02	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.19	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.86	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.33	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.81	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.24	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.38	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.16	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.02	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.10	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.22	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.45	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.63	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.59	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.09	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.29	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.32	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.32	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.25	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.74	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.92	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.08	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.29	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.35	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.82	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.35	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.65	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.41	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.74	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.55	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.87	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0560		9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.61	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.24	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.49	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.29	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.54	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.08	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0576		5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.35	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.34	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.08	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.84	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.67	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.16	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.27	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.66	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.50	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.31	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.55	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.13	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.20	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.68	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.25	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.14	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.18	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.93	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.21	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.54	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.67	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.05	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.63	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.29	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.99	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.95	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.45	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.45	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.01	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.05	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.04	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.34	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.60	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.21	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.43	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.32	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.89	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.56	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.30	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.38	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.82	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.66	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.27	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.28	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.91	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.31	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.89	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.86	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.84	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.43	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.01	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0090)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.13	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.16	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.93	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.06	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.10	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.43	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.77	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.41	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.15	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.32	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.98	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0703		EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.55	
			For >100 To 250, Deduct	*-1.31*	
			For >250 To 500, Deduct	*-1.64*	
			For >500, Deduct	*-1.96*	
05 05 23 00-0704		EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.58	
			For >100 To 250, Deduct	*-1.31*	
			For >250 To 500, Deduct	*-1.64*	
			For >500, Deduct	*-1.96*	
05 05 23 00-0705		EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.93	
			For >100 To 250, Deduct	*-1.31*	
			For >250 To 500, Deduct	*-1.64*	
			For >500, Deduct	*-1.96*	
05 05 23 00-0706			7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0707		EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.53	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0708		EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.91	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0709		EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.21	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0710		EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.87	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0711		EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.89	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0712		EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.92	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0713		EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.34	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0714		EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0715		EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.86	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0716		EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
			For >100 To 250, Deduct	*-1.44*	
			For >250 To 500, Deduct	*-1.81*	
			For >500, Deduct	*-2.17*	
05 05 23 00-0717		EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.61	
			For >100 To 250, Deduct	*-1.44*	
			For >250 To 500, Deduct	*-1.81*	
			For >500, Deduct	*-2.17*	
05 05 23 00-0718			1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0719		EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0720		EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0721		EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.68*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0722		EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.18	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0723		EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.10	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.92	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.12	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.16	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.65	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.29	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.55	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.17	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.37	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.52	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.86	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.51	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.05	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.29	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.39	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.03	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.55	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.93	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.00	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.88	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.34	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.43	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.64	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.94	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.23	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.76	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.16	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.68	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.20	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.78	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.39	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.13	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.30	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.67	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.08	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.59	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.07	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.85	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.37	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.77	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.05	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.85	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.10	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.12	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.80	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.94	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.07	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.57	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.48	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.18	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.21	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.21	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.95	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.91	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.56	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.80	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.36	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.29	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.38	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.31	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.36	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.52	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.63	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.91	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.30	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.82	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.36	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.11	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.94	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.68	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.87	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.47	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.60	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.26	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.48	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.84	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.21	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.92	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.70	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.58	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.05	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.58	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.42	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.66	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.99	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.30	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.58	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.08	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.59	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.24	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.93	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.87	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.51	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.09	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.46	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.92	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.73	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.58	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.26	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.66	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.76	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.54	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.17	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.31	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.96	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.70	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.90	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.86	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.18	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.95	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.97	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.64	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.53	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.67	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.30	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.44	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.98	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.21	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.65	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.08	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.76	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.05	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.33	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.20	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.59	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.36	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.44	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.04	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.03	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.72	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.18	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.89	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.44	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.00	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.55	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.27	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.99	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.42	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.29	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.48	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.01	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.86	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.66	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.58	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.78	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	69.97	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.11	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.34	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.35	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.90	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.44	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.45	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.23	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.85	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.48	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.62	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.65	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.71	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.04	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	57.36	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	60.17	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.23	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	82.66	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	104.14	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.30	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.63	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	15.79	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	23.78	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	41.01	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	44.94	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.78	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	9.03	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.96	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	24.93	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.86	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-1.86*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	13.11	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-1.91*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	16.39	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.36	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	26.73	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-1.96*	

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.84	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	12.76	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	15.91	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.17	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	16.73	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.28	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.67	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.07	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	18.55	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.67	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	12.61	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.35	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.01	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	18.37	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.80	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	19.33	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.48	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	26.42	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.22	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	31.20	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.24	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	44.32	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.16	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	46.45	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	23.25	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.08	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	31.19	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.78	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	38.39	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.00	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	44.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	47.40	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	50.05	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.02	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	53.35	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1085		5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	13.00	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.43	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.90	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	19.78	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.75	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	23.79	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.91	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	26.76	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.98	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	34.01	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.68	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.11	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.48	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	41.54	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.39	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	61.91	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.14	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.51	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	18.93	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.34	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	22.99	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.53	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.95	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	30.05	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.21	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	32.90	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.12	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	45.82	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.69	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	52.58	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.28	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	65.19	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	65.94	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	67.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1125		7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.32	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	21.77	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.29	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	26.72	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.25	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	29.76	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.84	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	36.51	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.80	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	38.35	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.42	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	57.36	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	63.57	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	66.62	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	70.75	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	73.41	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	76.05	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	79.01	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1144		1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	24.71	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.66	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.19	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.22	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	36.83	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.57	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.33	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.28	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	52.43	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.47	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	69.27	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	77.37	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	78.53	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.72*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	81.34	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	82.45	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	95.90	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	108.88	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.27	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.45	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.89	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1167	EA	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	5.45	
		For >10 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.42*	
		For >100, Deduct	*-0.83*	
05 05 23 00-1168	EA	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	5.83	
		For >10 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	7.41	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.49*	
		For >100, Deduct	*-0.99*	
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	8.36	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.53*	
		For >100, Deduct	*-1.06*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*
Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.49	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.48*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.87	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.20	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.31	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.52	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.96	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.11	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.44	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.54	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.06	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.10	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.24	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.68	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.31	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.41	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.83	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.50	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*
Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		washers.		
05 05 23 00-1191		**Plain Finish Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.01	0.50
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.62	0.55
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.04	0.65
		For Left Hand Threaded Rod, Add	*0.18*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.06	0.66
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.17	0.69
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.13	0.69
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.76	0.71
		For Left Hand Threaded Rod, Add	*0.44*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.37	0.73
		For Left Hand Threaded Rod, Add	*0.79*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.20	0.75
		For Left Hand Threaded Rod, Add	*0.87*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.92	0.85
		For Left Hand Threaded Rod, Add	*1.22*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.32	0.94
		For Left Hand Threaded Rod, Add	*1.54*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	22.92	1.02
		For Left Hand Threaded Rod, Add	*2.08*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.48	1.11
		For Left Hand Threaded Rod, Add	*2.63*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.03	1.16
		For Left Hand Threaded Rod, Add	*3.17*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	41.69	1.21
		For Left Hand Threaded Rod, Add	*3.93*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	53.20	1.27
		For Left Hand Threaded Rod, Add	*5.07*	
05 05 23 00-1208		**Zinc Plated Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.03	0.50
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.95	0.55
		For Left Hand Threaded Rod, Add	*0.18*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.29	0.65
		For Left Hand Threaded Rod, Add	*0.20*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.68	0.66
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.04	0.69
		For Left Hand Threaded Rod, Add	*0.37*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.56	0.69
		For Left Hand Threaded Rod, Add	*0.52*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.96	0.71
		For Left Hand Threaded Rod, Add	*0.56*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	10.39	0.73
		For Left Hand Threaded Rod, Add	*0.90*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.42	0.75
		For Left Hand Threaded Rod, Add	*1.19*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	17.98	0.85
		For Left Hand Threaded Rod, Add	*1.63*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	23.18	0.94
		For Left Hand Threaded Rod, Add	*2.13*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	27.64	1.02
		For Left Hand Threaded Rod, Add	*2.55*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	31.40	1.11
		For Left Hand Threaded Rod, Add	*2.92*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	39.49	1.16
		For Left Hand Threaded Rod, Add	*3.72*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	48.89	1.21
		For Left Hand Threaded Rod, Add	*4.65*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	71.24	1.27
		For Left Hand Threaded Rod, Add	*6.87*	
05 05 23 00-1225		**Hot Dipped Galvanized Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	5.33	0.65
		For Left Hand Threaded Rod, Add	*0.41*	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	7.42	0.69
		For Left Hand Threaded Rod, Add	*0.61*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	9.97	0.71
		For Left Hand Threaded Rod, Add	*0.86*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	13.64	0.73
		For Left Hand Threaded Rod, Add	*1.22*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	18.84	0.75
		For Left Hand Threaded Rod, Add	*1.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	24.28	0.85
		For Left Hand Threaded Rod, Add	*2.26*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	31.92	0.94
		For Left Hand Threaded Rod, Add	*3.00*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	41.93	1.02
		For Left Hand Threaded Rod, Add	*3.98*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	46.84	1.11
		For Left Hand Threaded Rod, Add	*4.46*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	55.73	1.16
		For Left Hand Threaded Rod, Add	*5.34*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	67.67	1.21
		For Left Hand Threaded Rod, Add	*6.53*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	117.94	1.27
		For Left Hand Threaded Rod, Add	*11.54*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.02	0.50
		For Left Hand Threaded Rod, Add	*0.20*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.54	0.55
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.83	0.65
		For Left Hand Threaded Rod, Add	*0.46*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.09	0.66
		For Left Hand Threaded Rod, Add	*0.68*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.71	0.69
		For Left Hand Threaded Rod, Add	*0.84*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.95	0.69
		For Left Hand Threaded Rod, Add	*1.26*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	14.57	0.71
		For Left Hand Threaded Rod, Add	*1.32*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.39	0.73
		For Left Hand Threaded Rod, Add	*1.90*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	28.04	0.75
		For Left Hand Threaded Rod, Add	*2.66*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	35.97	0.85
		For Left Hand Threaded Rod, Add	*3.43*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	76.14	1.02
		For Left Hand Threaded Rod, Add	*7.40*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	115.92	1.16
		For Left Hand Threaded Rod, Add	*11.36*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	119.24	1.21
		For Left Hand Threaded Rod, Add	*11.68*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	164.98	1.27
		For Left Hand Threaded Rod, Add	*16.24*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	4.36	0.50
		For Left Hand Threaded Rod, Add	*0.33*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	7.02	0.55
		For Left Hand Threaded Rod, Add	*0.59*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	9.32	0.65
		For Left Hand Threaded Rod, Add	*0.81*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	14.54	0.66
		For Left Hand Threaded Rod, Add	*1.32*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	15.42	0.69
		For Left Hand Threaded Rod, Add	*1.41*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	20.24	0.69
		For Left Hand Threaded Rod, Add	*1.89*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	21.77	0.71
		For Left Hand Threaded Rod, Add	*2.04*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	31.74	0.73
		For Left Hand Threaded Rod, Add	*3.03*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	43.45	0.75
		For Left Hand Threaded Rod, Add	*4.20*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	54.98	0.85
		For Left Hand Threaded Rod, Add	*5.33*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	116.06	1.02
		For Left Hand Threaded Rod, Add	*11.39*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	152.13	1.16
		For Left Hand Threaded Rod, Add	*14.98*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	3.42	0.50
		For Zinc Plating, Add	*1.20*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.23	0.55
		For Zinc Plating, Add	*2.06*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.47	0.65
		For Zinc Plating, Add	*2.10*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.97	0.66
		For Zinc Plating, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.57	0.69
		For Zinc Plating, Add	*2.61*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.19	0.69
		For Zinc Plating, Add	*3.41*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.45	0.71
		For Zinc Plating, Add	*3.53*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.18	0.73
		For Zinc Plating, Add	*4.87*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.38	0.75
		For Zinc Plating, Add	*5.95*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	17.35	0.85
		For Zinc Plating, Add	*7.83*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.56	0.94
		For Zinc Plating, Add	*10.34*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	25.10	1.02
		For Zinc Plating, Add	*11.49*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	28.95	1.11
		For Zinc Plating, Add	*13.37*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.18	1.16
		For Zinc Plating, Add	*16.44*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	36.37	1.21
		For Zinc Plating, Add	*16.98*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	48.77	1.27
		For Zinc Plating, Add	*23.12*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.51	0.23
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.57	0.23
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.62	0.23
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.23
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.23
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.02	0.23
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.06	0.23
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.24	0.46
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.82	0.46
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.31	0.46
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.76	0.46
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.59	0.46
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.75	0.46
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	7.81	0.70
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.46	0.70
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.55	0.70

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.53	0.23
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.58	0.23
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.64	0.23
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.74	0.23
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.87	0.23
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.04	0.23
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.08	0.23
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.40	0.46
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.98	0.46
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.79	0.46
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.25	0.46
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	5.99	0.46
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.78	0.46
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	9.70	0.70
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	17.48	0.70
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.06	0.70

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.54	0.23
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.62	0.23
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.68	0.23
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.84	0.23
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.01	0.23
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.20	0.23
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.37	0.23
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.70	0.46
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.55	0.46
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.39	0.46
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	5.29	0.46
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	6.59	0.46
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	10.84	0.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	11.51	0.70
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	17.53	0.70
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	24.78	0.70
05 05 23 00-1336		Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.54	0.23
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.60	0.23
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.23
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.82	0.23
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.95	0.23
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.05	0.23
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.17	0.23
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.55	0.46
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.25	0.46
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.10	0.46
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	5.12	0.46
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.55	0.46
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.71	0.46
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	11.33	0.70
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	19.74	0.70
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	34.13	0.70
05 05 23 00-1353		304 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.62	0.23
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.74	0.23
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.84	0.23
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.28	0.23
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.39	0.23
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.14	0.23
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	2.40	0.23
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	2.76	0.46
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	4.58	0.46
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	7.04	0.46
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	17.01	0.46
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	32.78	0.70
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	57.73	0.70
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	82.34	0.70
05 05 23 00-1368		316 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.73	0.23
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	0.84	0.23
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.02	0.23
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.70	0.23
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	1.83	0.23
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	2.51	0.23
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	2.85	0.23
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	3.99	0.46
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	5.58	0.46
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	8.64	0.46
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	26.44	0.46
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	42.84	0.70
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	72.38	0.70
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	134.68	0.70
05 05 23 00-1383		Flat Washers *(05 05 23 00-1283)*		
05 05 23 00-1384		Zinc Plated Steel, Low Carbon Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.06	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.11	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.23	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.26	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.44	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.64	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.76	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.94	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.06	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.26	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.98	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.03	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.01	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.74	
05 05 23 00-1401		Zinc Plated Steel, Hardened Flat Washers *(05 05 23 00-1383)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.14	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.19	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.22	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.29	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.40	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.64	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.92	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.29	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.16	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.39	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.48	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.80	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.01	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.73	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.70	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	9.24	
05 05 23 00-1418		Hot Dipped Galvanized Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.13	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.14	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.27	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.34	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.56	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.63	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.96	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.34	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.48	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.26	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.51	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.59	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.89	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.65	
05 05 23 00-1434		304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.12	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.17	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.24	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.44	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.79	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.99	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.46	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.48	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.12	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.96	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.61	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.96	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.24	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.39	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.94	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	15.60	
05 05 23 00-1451		316 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.24	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.26	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.47	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.56	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.03	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	1.85	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	2.18	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	2.75	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.26	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	4.76	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	5.43	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	6.68	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.07	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	7.23	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	10.59	
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.09	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.15	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.17	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.26	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.42	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.76	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.12	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.71	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.71	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.19	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	5.70	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	6.42	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.07	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.08	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.19	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.25	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.29	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.49	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.71	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.12	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.02	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.41	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.48	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.98	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.39	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	7.34	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.10	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.20	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.38	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.42	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.02	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.20	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.40	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.54	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.59	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	6.26	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	8.32	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	10.59	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.70	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.13	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.28	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.32	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.55	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.61	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.09	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.20	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	2.06	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	3.41	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	4.64	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	6.48	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	9.98	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	17.86	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	19.84	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.86	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.10	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.27	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.58	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.11	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.17	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.68	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.38	
05 05 23 00-1544		**Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)** *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.35	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.62	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.55	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.11	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.68	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.55	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.99	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.95	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.94	
05 05 23 00-1554		**Beveled Washers** *(05 05 23 00-1283)*		
05 05 23 00-1555		**Plain Finish, Square Beveled Structural Washers (ASTM F436)** *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.07	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.13	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.20	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.89	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.10	
05 05 23 00-1561		**Galvanized, Square Beveled Structural Washers (ASTM F436)** *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.41	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.61	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.61	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.88	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.18	
05 05 23 00-1567		**Drilling In Steel Plates** *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	20.55	
		For Aluminum, Deduct	*-2.06*	
		For Stainless Steel, Add	*2.57*	
		For >5 To 10, Deduct	*-2.06*	
		For >10 To 25, Deduct	*-5.14*	
		For >25 To 50, Deduct	*-7.19*	
		For >50, Deduct	*-10.28*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	24.17	
		For Aluminum, Deduct	*-2.42*	
		For Stainless Steel, Add	*3.02*	
		For >5 To 10, Deduct	*-2.42*	
		For >10 To 25, Deduct	*-6.04*	
		For >25 To 50, Deduct	*-8.46*	
		For >50, Deduct	*-12.09*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	29.01	
		For Aluminum, Deduct	*-2.90*	
		For Stainless Steel, Add	*3.63*	
		For >5 To 10, Deduct	*-2.90*	
		For >10 To 25, Deduct	*-7.25*	
		For >25 To 50, Deduct	*-10.15*	
		For >50, Deduct	*-14.51*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	33.85	
		For Aluminum, Deduct	*-3.39*	
		For Stainless Steel, Add	*4.23*	
		For >5 To 10, Deduct	*-3.39*	
		For >10 To 25, Deduct	*-8.46*	
		For >25 To 50, Deduct	*-11.85*	
		For >50, Deduct	*-16.93*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	45.33	
		For Aluminum, Deduct	*-4.53*	
		For Stainless Steel, Add	*5.67*	
		For >5 To 10, Deduct	*-4.53*	
		For >10 To 25, Deduct	*-11.33*	
		For >25 To 50, Deduct	*-15.87*	
		For >50, Deduct	*-22.67*	
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	24.17	
		For Aluminum, Deduct	*-2.42*	
		For Stainless Steel, Add	*3.02*	
		For >5 To 10, Deduct	*-2.42*	
		For >10 To 25, Deduct	*-6.04*	
		For >25 To 50, Deduct	*-8.46*	
		For >50, Deduct	*-12.09*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	30.22	
		For Aluminum, Deduct	*-3.02*	
		For Stainless Steel, Add	*3.78*	
		For >5 To 10, Deduct	*-3.02*	
		For >10 To 25, Deduct	*-7.56*	
		For >25 To 50, Deduct	*-10.58*	
		For >50, Deduct	*-15.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	36.27	
		For Aluminum, Deduct	*-3.63*	
		For Stainless Steel, Add	*4.53*	
		For >5 To 10, Deduct	*-3.63*	
		For >10 To 25, Deduct	*-9.07*	
		For >25 To 50, Deduct	*-12.69*	
		For >50, Deduct	*-18.14*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	45.33	
		For Aluminum, Deduct	*-4.53*	
		For Stainless Steel, Add	*5.67*	
		For >5 To 10, Deduct	*-4.53*	
		For >10 To 25, Deduct	*-11.33*	
		For >25 To 50, Deduct	*-15.87*	
		For >50, Deduct	*-22.67*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	30.22	
		For Aluminum, Deduct	*-3.02*	
		For Stainless Steel, Add	*3.78*	
		For >5 To 10, Deduct	*-3.02*	
		For >10 To 25, Deduct	*-7.56*	
		For >25 To 50, Deduct	*-10.58*	
		For >50, Deduct	*-15.11*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	39.89	
		For Aluminum, Deduct	*-3.99*	
		For Stainless Steel, Add	*4.99*	
		For >5 To 10, Deduct	*-3.99*	
		For >10 To 25, Deduct	*-9.97*	
		For >25 To 50, Deduct	*-13.96*	
		For >50, Deduct	*-19.95*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	48.36	
		For Aluminum, Deduct	*-4.84*	
		For Stainless Steel, Add	*6.05*	
		For >5 To 10, Deduct	*-4.84*	
		For >10 To 25, Deduct	*-12.09*	
		For >25 To 50, Deduct	*-16.93*	
		For >50, Deduct	*-24.18*	

05 05 23 00-1580 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1581	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.17
05 05 23 00-1582	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.26
05 05 23 00-1583	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.30
05 05 23 00-1584	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.34
05 05 23 00-1585	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.09
05 05 23 00-1586	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.31
05 05 23 00-1587	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.54
05 05 23 00-1588	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.66
05 05 23 00-1589	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.78
05 05 23 00-1590	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.26
05 05 23 00-1591	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.64
05 05 23 00-1592	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.95
05 05 23 00-1593	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.03
05 05 23 00-1594	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.06
05 05 23 00-1595	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.42
05 05 23 00-1596	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.75
05 05 23 00-1597	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.17
05 05 23 00-1598	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.81
05 05 23 00-1599	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.23
05 05 23 00-1600	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.36
05 05 23 00-1601	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	10.51
05 05 23 00-1602	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.21
05 05 23 00-1603	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.76
05 05 23 00-1604	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.20
05 05 23 00-1605	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.63
05 05 23 00-1606	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.00
05 05 23 00-1607	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.33
05 05 23 00-1608	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.77
05 05 23 00-1609	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.60
05 05 23 00-1610	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	14.13

05 05 23 00-1611 Welded Shear Stud Connector *(05 05 23)*

05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	9.28
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	9.66
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	9.77
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	9.82
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	10.26
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	11.06
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	18.83
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	11.99
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	13.41
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	17.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	17.85	
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	19.40	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	25.90	
05 05 23 00-1626		7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.21	
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	11.83	
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	12.45	
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.23	
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	18.36	
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.25	
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	22.11	
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	27.32	
05 05 23 00-1635		1" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	15.27	
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	17.18	
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	19.99	
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	25.41	
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	28.36	
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	31.30	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0001 **Rolled Steel Members** *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.

05 12 23 00-0002 **Beams, Girders And Columns** *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	10,098.47	1,227.01
		For ASTM A242 Type 2 High Strength Steel, Add	*604.80*	
		For Hot Dip Galvanizing, Add	*2,116.81*	
		For >10 To 25 Tons, Deduct	*-642.60*	
		For >25 To 50 Tons, Deduct	*-1,323.01*	
		For >50 Tons, Deduct	*-1,890.01*	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	7,050.73	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*496.37*	
		For Hot Dip Galvanizing, Add	*1,737.29*	
		For >10 To 25 Tons, Deduct	*-527.39*	
		For >25 To 50 Tons, Deduct	*-1,085.80*	
		For >50 Tons, Deduct	*-1,551.15*	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	5,984.28	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*440.67*	
		For Hot Dip Galvanizing, Add	*1,542.33*	
		For >10 To 25 Tons, Deduct	*-468.21*	
		For >25 To 50 Tons, Deduct	*-963.96*	
		For >50 Tons, Deduct	*-1,377.08*	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	4,019.43	237.51
		For ASTM A242 Type 2 High Strength Steel, Add	*301.25*	
		For Hot Dip Galvanizing, Add	*1,054.37*	
		For >10 To 25 Tons, Deduct	*-320.08*	
		For >25 To 50 Tons, Deduct	*-658.98*	
		For >50 Tons, Deduct	*-941.40*	

05 12 23 00-0007 **Trusses, Built-Up** *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	7,481.48	834.46
		For ASTM A242 Type 2 High Strength Steel, Add	*527.35*	
		For Hot Dip Galvanizing, Add	*1,845.72*	
		For >10 To 25 Tons, Deduct	*-560.31*	
		For >25 To 50 Tons, Deduct	*-1,153.57*	
		For >50 Tons, Deduct	*-1,647.96*	

05 12 23 00-0009 **Shapes** *(05 12 23 00-0001)*

05 12 23 00-0010 **Rolled Shape Steel Angles** *(05 12 23 00-0009)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	14,719.45	2,281.02
		For ASTM A242 Type 2 High Strength Steel, Add	*873.42*	
		For Hot Dip Galvanizing, Add	*3,056.97*	
		For >10 To 25 Tons, Deduct	*-928.01*	
		For >25 To 50 Tons, Deduct	*-1,910.61*	
		For >50 Tons, Deduct	*-2,729.44*	
05 12 23 00-0012	TON	>10 To 20 LB/LF Rolled Shape Steel Angles	12,982.40	1,338.63
		For ASTM A242 Type 2 High Strength Steel, Add	*835.52*	
		For Hot Dip Galvanizing, Add	*2,924.31*	
		For >10 To 25 Tons, Deduct	*-887.74*	
		For >25 To 50 Tons, Deduct	*-1,827.69*	
		For >50 Tons, Deduct	*-2,610.99*	
05 12 23 00-0013	TON	>20 To 58 LB/LF Rolled Shape Steel Angles	10,033.40	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*734.99*	
		For Hot Dip Galvanizing, Add	*2,572.47*	
		For >10 To 25 Tons, Deduct	*-780.93*	
		For >25 To 50 Tons, Deduct	*-1,607.79*	
		For >50 Tons, Deduct	*-2,296.85*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels	15,983.23	3,123.45
		For ASTM A242 Type 2 High Strength Steel, Add	*860.24*	
		For Hot Dip Galvanizing, Add	*3,010.83*	
		For >10 To 25 Tons, Deduct	*-914.00*	
		For >25 To 50 Tons, Deduct	*-1,881.77*	
		For >50 Tons, Deduct	*-2,688.24*	
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels	12,838.20	2,379.77
		For ASTM A242 Type 2 High Strength Steel, Add	*823.98*	
		For Hot Dip Galvanizing, Add	*2,883.94*	
		For >10 To 25 Tons, Deduct	*-875.48*	
		For >25 To 50 Tons, Deduct	*-1,802.46*	
		For >50 Tons, Deduct	*-2,574.94*	
05 12 23 00-0017	TON	>20 To 58 LB/LF Rolled C, MC Steel Channels	9,868.61	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*721.81*	
		For Hot Dip Galvanizing, Add	*2,526.33*	
		For >10 To 25 Tons, Deduct	*-766.92*	
		For >25 To 50 Tons, Deduct	*-1,578.96*	
		For >50 Tons, Deduct	*-2,255.65*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles	13,673.85	1,809.82
		For ASTM A242 Type 2 High Strength Steel, Add	*840.46*	
		For Hot Dip Galvanizing, Add	*2,941.62*	
		For >10 To 25 Tons, Deduct	*-892.99*	
		For >25 To 50 Tons, Deduct	*-1,838.51*	
		For >50 Tons, Deduct	*-2,626.44*	
05 12 23 00-0020	TON	>20 To 50 LB/LF Double L Shape Steel Angles	10,733.79	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*791.02*	
		For Hot Dip Galvanizing, Add	*2,768.58*	
		For >10 To 25 Tons, Deduct	*-840.46*	
		For >25 To 50 Tons, Deduct	*-1,730.36*	
		For >50 Tons, Deduct	*-2,471.95*	
05 12 23 00-0021	TON	>50 To 80 LB/LF Double L Shape Steel Angles	8,097.78	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*609.75*	
		For Hot Dip Galvanizing, Add	*2,134.11*	
		For >10 To 25 Tons, Deduct	*-647.86*	
		For >25 To 50 Tons, Deduct	*-1,333.82*	
		For >50 Tons, Deduct	*-1,905.46*	
05 12 23 00-0022	TON	>80 To 115 LB/LF Double L Shape Steel Angles	5,197.34	237.85
		For ASTM A242 Type 2 High Strength Steel, Add	*395.51*	
		For Hot Dip Galvanizing, Add	*1,384.29*	
		For >10 To 25 Tons, Deduct	*-420.23*	
		For >25 To 50 Tons, Deduct	*-865.18*	
		For >50 Tons, Deduct	*-1,235.97*	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	12,426.21	1,338.63
		For ASTM A242 Type 2 High Strength Steel, Add	*791.02*	
		For Hot Dip Galvanizing, Add	*2,768.58*	
		For >10 To 25 Tons, Deduct	*-840.46*	
		For >25 To 50 Tons, Deduct	*-1,730.36*	
		For >50 Tons, Deduct	*-2,471.95*	
05 12 23 00-0025	TON	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	8,406.17	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*604.80*	
		For Hot Dip Galvanizing, Add	*2,116.81*	
		For >10 To 25 Tons, Deduct	*-642.60*	
		For >25 To 50 Tons, Deduct	*-1,323.01*	
		For >50 Tons, Deduct	*-1,890.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0026	TON	>65 To 100 LB/LF Structural WT, MT, ST Tee Shapes	6,655.81	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*494.39*	
		For Hot Dip Galvanizing, Add	*1,730.36*	
		For >10 To 25 Tons, Deduct	*-525.29*	
		For >25 To 50 Tons, Deduct	*-1,081.48*	
		For >50 Tons, Deduct	*-1,544.97*	
05 12 23 00-0027	TON	>100 To 365 LB/LF Structural WT, MT, ST Tee Shapes	4,909.34	237.51
		For ASTM A242 Type 2 High Strength Steel, Add	*372.44*	
		For Hot Dip Galvanizing, Add	*1,303.54*	
		For >10 To 25 Tons, Deduct	*-395.72*	
		For >25 To 50 Tons, Deduct	*-814.71*	
		For >50 Tons, Deduct	*-1,163.88*	
05 12 23 00-0028		Combination Section Shapes *(05 12 23 00-0001)*		
05 12 23 00-0029		Combination Section, W Shapes And Angles *(05 12 23 00-0028)*		
05 12 23 00-0030	TON	Up To 30 LB/LF Combination Section - W Shapes And Angles	11,787.62	1,338.63
		For ASTM A242 Type 2 High Strength Steel, Add	*739.94*	
		For Hot Dip Galvanizing, Add	*2,589.77*	
		For >10 To 25 Tons, Deduct	*-786.18*	
		For >25 To 50 Tons, Deduct	*-1,618.61*	
		For >50 Tons, Deduct	*-2,312.30*	
05 12 23 00-0031	TON	>30-65 LB/LF Combination Section - W Shapes And Angles	8,467.99	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*609.75*	
		For Hot Dip Galvanizing, Add	*2,134.12*	
		For >10 To 25 Tons, Deduct	*-647.86*	
		For >25 To 50 Tons, Deduct	*-1,333.82*	
		For >50 Tons, Deduct	*-1,905.46*	
05 12 23 00-0032	TON	>65-100 LB/LF Combination Section - W Shapes And Angles	6,140.82	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*453.19*	
		For Hot Dip Galvanizing, Add	*1,586.16*	
		For >10 To 25 Tons, Deduct	*-481.51*	
		For >25 To 50 Tons, Deduct	*-991.35*	
		For >50 Tons, Deduct	*-1,416.22*	
05 12 23 00-0033	TON	>100-300 LB/LF Combination Section - W Shapes And Angles	5,320.94	237.51
		For ASTM A242 Type 2 High Strength Steel, Add	*405.40*	
		For Hot Dip Galvanizing, Add	*1,418.90*	
		For >10 To 25 Tons, Deduct	*-430.74*	
		For >25 To 50 Tons, Deduct	*-886.81*	
		For >50 Tons, Deduct	*-1,266.87*	
05 12 23 00-0034	TON	>300-500 LB/LF Combination Section - W Shapes And Angles	4,597.04	119.23
		For ASTM A242 Type 2 High Strength Steel, Add	*357.61*	
		For Hot Dip Galvanizing, Add	*1,251.63*	
		For >10 To 25 Tons, Deduct	*-379.96*	
		For >25 To 50 Tons, Deduct	*-782.27*	
		For >50 Tons, Deduct	*-1,117.53*	
05 12 23 00-0035		Combination Section, S Shapes And Angles *(05 12 23 00-0028)*		
05 12 23 00-0036	TON	>30-65 LB/LF Combination Section - S Shapes And Angles	8,138.38	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*583.38*	
		For Hot Dip Galvanizing, Add	*2,041.83*	
		For >10 To 25 Tons, Deduct	*-619.84*	
		For >25 To 50 Tons, Deduct	*-1,276.14*	
		For >50 Tons, Deduct	*-1,823.06*	
05 12 23 00-0037	TON	>65-100 LB/LF Combination Section - S Shapes And Angles	6,161.42	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*454.84*	
		For Hot Dip Galvanizing, Add	*1,591.93*	
		For >10 To 25 Tons, Deduct	*-483.26*	
		For >25 To 50 Tons, Deduct	*-994.96*	
		For >50 Tons, Deduct	*-1,421.37*	
05 12 23 00-0038		Combination Section, Channels And Angles *(05 12 23 00-0028)*		
05 12 23 00-0039	TON	Up To 30 LB/LF Combination Section - Channels And Angles	12,426.21	1,338.63
		For ASTM A242 Type 2 High Strength Steel, Add	*791.02*	
		For Hot Dip Galvanizing, Add	*2,768.58*	
		For >10 To 25 Tons, Deduct	*-840.46*	
		For >25 To 50 Tons, Deduct	*-1,730.36*	
		For >50 Tons, Deduct	*-2,471.95*	
05 12 23 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles	8,879.96	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*642.71*	
		For Hot Dip Galvanizing, Add	*2,249.47*	
		For >10 To 25 Tons, Deduct	*-682.87*	
		For >25 To 50 Tons, Deduct	*-1,405.92*	
		For >50 Tons, Deduct	*-2,008.46*	
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles	6,305.62	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*466.37*	
		For Hot Dip Galvanizing, Add	*1,632.31*	
		For >10 To 25 Tons, Deduct	*-495.52*	
		For >25 To 50 Tons, Deduct	*-1,020.19*	
		For >50 Tons, Deduct	*-1,457.42*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0042		**Standard Weight Pipe** *(05 12 23 00-0001)*		
05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	7,188.59	713.93
		For ASTM A242 Type 2 High Strength Steel, Add	*514.16*	
		For Hot Dip Galvanizing, Add	*1,799.58*	
		For >10 To 25 Tons, Deduct	*-546.30*	
		For >25 To 50 Tons, Deduct	*-1,124.74*	
		For >50 Tons, Deduct	*-1,606.77*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	7,667.36	892.42
		For ASTM A242 Type 2 High Strength Steel, Add	*537.24*	
		For Hot Dip Galvanizing, Add	*1,880.33*	
		For >10 To 25 Tons, Deduct	*-570.81*	
		For >25 To 50 Tons, Deduct	*-1,175.20*	
		For >50 Tons, Deduct	*-1,678.86*	
05 12 23 00-0045		**Structural Steel Shapes** *(05 12 23)*		
		Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0117 for field fabrication of additional structural metal connections.		
05 12 23 00-0046		**Steel Rods** *(05 12 23 00-0045)*		
05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	7,763.58	557.82
		For ASTM A242 Type 2 High Strength Steel, Add	*573.49*	
		For Hot Dip Galvanizing, Add	*2,007.22*	
		For >10 To 25 Tons, Deduct	*-609.33*	
		For >25 To 50 Tons, Deduct	*-1,254.51*	
		For >50 Tons, Deduct	*-1,792.16*	
05 12 23 00-0048	TON	>5" To 12" Diameter Extra Strong Steel, Solid	8,879.96	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*642.71*	
		For Hot Dip Galvanizing, Add	*2,249.47*	
		For >10 To 25 Tons, Deduct	*-682.87*	
		For >25 To 50 Tons, Deduct	*-1,405.92*	
		For >50 Tons, Deduct	*-2,008.46*	
05 12 23 00-0049		**Column Base Plates** *(05 12 23 00-0045)*		
05 12 23 00-0050	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	3.85	0.72
		For ASTM A242 Type 2 High Strength Steel, Add	*0.25*	
		For Hot Dip Galvanizing, Add	*0.87*	
05 12 23 00-0051	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	3.62	0.61
		For ASTM A242 Type 2 High Strength Steel, Add	*0.24*	
		For Hot Dip Galvanizing, Add	*0.82*	
05 12 23 00-0052	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	7,050.04	635.46
		For ASTM A242 Type 2 High Strength Steel, Add	*509.78*	
		For Hot Dip Galvanizing, Add	*1,784.22*	
		For >10 To 25 Tons, Deduct	*-541.64*	
		For >25 To 50 Tons, Deduct	*-1,115.14*	
		For >50 Tons, Deduct	*-1,593.05*	
05 12 23 00-0053	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	5,015.64	381.27
		For ASTM A242 Type 2 High Strength Steel, Add	*368.72*	
		For Hot Dip Galvanizing, Add	*1,290.50*	
		For >10 To 25 Tons, Deduct	*-391.76*	
		For >25 To 50 Tons, Deduct	*-806.56*	
		For >50 Tons, Deduct	*-1,152.24*	
05 12 23 00-0054		**Double Extra Strong Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe	9,286.52	1,019.85
		For ASTM A242 Type 2 High Strength Steel, Add	*655.89*	
		For Hot Dip Galvanizing, Add	*2,295.61*	
		For >10 To 25 Tons, Deduct	*-696.88*	
		For >25 To 50 Tons, Deduct	*-1,434.76*	
		For >50 Tons, Deduct	*-2,049.66*	
05 12 23 00-0056	TON	>5" To 8" Diameter Double Extra Strong Pipe	8,784.41	549.13
		For ASTM A242 Type 2 High Strength Steel, Add	*655.89*	
		For Hot Dip Galvanizing, Add	*2,295.61*	
		For >10 To 25 Tons, Deduct	*-696.88*	
		For >25 To 50 Tons, Deduct	*-1,434.76*	
		For >50 Tons, Deduct	*-2,049.66*	
05 12 23 00-0057		**Structural Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,492.86	471.20
		For ASTM A242 Type 2 High Strength Steel, Add	*461.43*	
		For Hot Dip Galvanizing, Add	*1,615.00*	
		For >10 To 25 Tons, Deduct	*-490.27*	
		For >25 To 50 Tons, Deduct	*-1,009.38*	
		For >50 Tons, Deduct	*-1,441.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0059	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,966.75	543.43
		For ASTM A242 Type 2 High Strength Steel, Add	*461.43*	
		For Hot Dip Galvanizing, Add	*1,615.00*	
		For >10 To 25 Tons, Deduct	*-490.27*	
		For >25 To 50 Tons, Deduct	*-1,009.38*	
		For >50 Tons, Deduct	*-1,441.97*	
05 12 23 00-0060		Structural Tubing *(05 12 23 00-0045)*		
05 12 23 00-0061		Rectangle Structural Tubing *(05 12 23 00-0060)*		
05 12 23 00-0062	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	10,807.45	475.95
		For ASTM A242 Type 2 High Strength Steel, Add	*823.98*	
		For Hot Dip Galvanizing, Add	*2,883.94*	
		For >10 To 25 Tons, Deduct	*-875.48*	
		For >25 To 50 Tons, Deduct	*-1,802.46*	
		For >50 Tons, Deduct	*-2,574.94*	
05 12 23 00-0063	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	10,885.56	549.13
		For ASTM A242 Type 2 High Strength Steel, Add	*823.98*	
		For Hot Dip Galvanizing, Add	*2,883.94*	
		For >10 To 25 Tons, Deduct	*-875.48*	
		For >25 To 50 Tons, Deduct	*-1,802.46*	
		For >50 Tons, Deduct	*-2,574.94*	
05 12 23 00-0064	TON	5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	9,492.41	594.95
		For ASTM A242 Type 2 High Strength Steel, Add	*708.62*	
		For Hot Dip Galvanizing, Add	*2,480.18*	
		For >10 To 25 Tons, Deduct	*-752.91*	
		For >25 To 50 Tons, Deduct	*-1,550.12*	
		For >50 Tons, Deduct	*-2,214.45*	
05 12 23 00-0065	TON	6" x 4", 3 ", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	9,001.35	713.93
		For ASTM A242 Type 2 High Strength Steel, Add	*659.19*	
		For Hot Dip Galvanizing, Add	*2,307.15*	
		For >10 To 25 Tons, Deduct	*-700.38*	
		For >25 To 50 Tons, Deduct	*-1,441.97*	
		For >50 Tons, Deduct	*-2,059.96*	
05 12 23 00-0066	TON	7" x 5", 4 ", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	8,467.97	793.18
		For ASTM A242 Type 2 High Strength Steel, Add	*609.75*	
		For Hot Dip Galvanizing, Add	*2,134.11*	
		For >10 To 25 Tons, Deduct	*-647.86*	
		For >25 To 50 Tons, Deduct	*-1,333.82*	
		For >50 Tons, Deduct	*-1,905.46*	
05 12 23 00-0067	TON	8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	8,792.69	1,097.67
		For ASTM A242 Type 2 High Strength Steel, Add	*609.75*	
		For Hot Dip Galvanizing, Add	*2,134.11*	
		For >10 To 25 Tons, Deduct	*-647.86*	
		For >25 To 50 Tons, Deduct	*-1,333.82*	
		For >50 Tons, Deduct	*-1,905.46*	
05 12 23 00-0068	TON	10" x 6", 4 ", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	9,334.45	1,451.07
		For ASTM A242 Type 2 High Strength Steel, Add	*622.93*	
		For Hot Dip Galvanizing, Add	*2,180.26*	
		For >10 To 25 Tons, Deduct	*-661.86*	
		For >25 To 50 Tons, Deduct	*-1,362.66*	
		For >50 Tons, Deduct	*-1,946.66*	
05 12 23 00-0069	TON	12" x 6", 4 ", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	9,559.80	1,585.05
		For ASTM A242 Type 2 High Strength Steel, Add	*629.52*	
		For Hot Dip Galvanizing, Add	*2,203.33*	
		For >10 To 25 Tons, Deduct	*-668.87*	
		For >25 To 50 Tons, Deduct	*-1,377.08*	
		For >50 Tons, Deduct	*-1,967.26*	
05 12 23 00-0070	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	9,772.84	1,784.83
		For ASTM A242 Type 2 High Strength Steel, Add	*629.52*	
		For Hot Dip Galvanizing, Add	*2,203.33*	
		For >10 To 25 Tons, Deduct	*-668.87*	
		For >25 To 50 Tons, Deduct	*-1,377.08*	
		For >50 Tons, Deduct	*-1,967.26*	
05 12 23 00-0071	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	11,786.25	3,749.69
		For ASTM A242 Type 2 High Strength Steel, Add	*622.93*	
		For Hot Dip Galvanizing, Add	*2,180.26*	
		For >10 To 25 Tons, Deduct	*-661.86*	
		For >25 To 50 Tons, Deduct	*-1,362.66*	
		For >50 Tons, Deduct	*-1,946.66*	
05 12 23 00-0072	TON	18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	10,119.06	2,379.77
		For ASTM A242 Type 2 High Strength Steel, Add	*606.45*	
		For Hot Dip Galvanizing, Add	*2,122.58*	
		For >10 To 25 Tons, Deduct	*-644.35*	
		For >25 To 50 Tons, Deduct	*-1,326.61*	
		For >50 Tons, Deduct	*-1,895.16*	
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	13,832.55	5,475.03
		For ASTM A242 Type 2 High Strength Steel, Add	*639.41*	
		For Hot Dip Galvanizing, Add	*2,237.93*	
		For >10 To 25 Tons, Deduct	*-679.37*	
		For >25 To 50 Tons, Deduct	*-1,398.71*	
		For >50 Tons, Deduct	*-1,998.16*	
05 12 23 00-0074		Square Structural Tubing *(05 12 23 00-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	10,775.72	446.21
		For ASTM A242 Type 2 High Strength Steel, Add	*823.98*	
		For Hot Dip Galvanizing, Add	*2,883.94*	
		For >10 To 25 Tons, Deduct	*-875.48*	
		For >25 To 50 Tons, Deduct	*-1,802.46*	
		For >50 Tons, Deduct	*-2,574.94*	
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	10,807.45	475.95
		For ASTM A242 Type 2 High Strength Steel, Add	*823.98*	
		For Hot Dip Galvanizing, Add	*2,883.94*	
		For >10 To 25 Tons, Deduct	*-875.48*	
		For >25 To 50 Tons, Deduct	*-1,802.46*	
		For >50 Tons, Deduct	*-2,574.94*	
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	9,698.41	594.95
		For ASTM A242 Type 2 High Strength Steel, Add	*725.10*	
		For Hot Dip Galvanizing, Add	*2,537.86*	
		For >10 To 25 Tons, Deduct	*-770.42*	
		For >25 To 50 Tons, Deduct	*-1,586.17*	
		For >50 Tons, Deduct	*-2,265.95*	
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	9,619.33	713.93
		For ASTM A242 Type 2 High Strength Steel, Add	*708.62*	
		For Hot Dip Galvanizing, Add	*2,480.18*	
		For >10 To 25 Tons, Deduct	*-752.91*	
		For >25 To 50 Tons, Deduct	*-1,550.12*	
		For >50 Tons, Deduct	*-2,214.45*	
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	7,708.56	892.42
		For ASTM A242 Type 2 High Strength Steel, Add	*540.53*	
		For Hot Dip Galvanizing, Add	*1,891.86*	
		For >10 To 25 Tons, Deduct	*-574.32*	
		For >25 To 50 Tons, Deduct	*-1,182.41*	
		For >50 Tons, Deduct	*-1,689.16*	
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	7,844.55	1,019.85
		For ASTM A242 Type 2 High Strength Steel, Add	*540.53*	
		For Hot Dip Galvanizing, Add	*1,891.86*	
		For >10 To 25 Tons, Deduct	*-574.32*	
		For >25 To 50 Tons, Deduct	*-1,182.41*	
		For >50 Tons, Deduct	*-1,689.16*	
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	8,279.70	1,427.86
		For ASTM A242 Type 2 High Strength Steel, Add	*540.53*	
		For Hot Dip Galvanizing, Add	*1,891.86*	
		For >10 To 25 Tons, Deduct	*-574.32*	
		For >25 To 50 Tons, Deduct	*-1,182.41*	
		For >50 Tons, Deduct	*-1,689.16*	
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	8,784.07	1,784.83
		For ASTM A242 Type 2 High Strength Steel, Add	*550.42*	
		For Hot Dip Galvanizing, Add	*1,926.47*	
		For >10 To 25 Tons, Deduct	*-584.82*	
		For >25 To 50 Tons, Deduct	*-1,204.04*	
		For >50 Tons, Deduct	*-1,720.06*	
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	10,531.05	2,379.77
		For ASTM A242 Type 2 High Strength Steel, Add	*639.41*	
		For Hot Dip Galvanizing, Add	*2,237.93*	
		For >10 To 25 Tons, Deduct	*-679.37*	
		For >25 To 50 Tons, Deduct	*-1,398.71*	
		For >50 Tons, Deduct	*-1,998.16*	
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	11,800.26	3,569.66
		For ASTM A242 Type 2 High Strength Steel, Add	*639.41*	
		For Hot Dip Galvanizing, Add	*2,237.93*	
		For >10 To 25 Tons, Deduct	*-679.37*	
		For >25 To 50 Tons, Deduct	*-1,398.71*	
		For >50 Tons, Deduct	*-1,998.16*	
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	11,349.31	4,189.71
		For ASTM A242 Type 2 High Strength Steel, Add	*550.42*	
		For Hot Dip Galvanizing, Add	*1,926.47*	
		For >10 To 25 Tons, Deduct	*-584.82*	
		For >25 To 50 Tons, Deduct	*-1,204.04*	
		For >50 Tons, Deduct	*-1,720.06*	
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	13,667.75	5,475.03
		For ASTM A242 Type 2 High Strength Steel, Add	*626.23*	
		For Hot Dip Galvanizing, Add	*2,191.79*	
		For >10 To 25 Tons, Deduct	*-665.36*	
		For >25 To 50 Tons, Deduct	*-1,369.87*	
		For >50 Tons, Deduct	*-1,956.96*	
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	15,607.89	7,139.32
		For ASTM A242 Type 2 High Strength Steel, Add	*639.41*	
		For Hot Dip Galvanizing, Add	*2,237.93*	
		For >10 To 25 Tons, Deduct	*-679.37*	
		For >25 To 50 Tons, Deduct	*-1,398.71*	
		For >50 Tons, Deduct	*-1,998.16*	

05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	8,182.01	2,541.86
		For ASTM A242 Type 2 High Strength Steel, Add	*331.79*	
		For Hot Dip Galvanizing, Add	*1,161.25*	
		For >20 To 50 LB/LF, Deduct	*-1,019.94*	
		For >50 To 75 LB/LF, Deduct	*-1,630.77*	
		For >75 To 100 LB/LF, Deduct	*-2,241.61*	
		For >10 To 25 Tons, Deduct	*-352.52*	
		For >25 To 50 Tons, Deduct	*-725.78*	
		For >50 Tons, Deduct	*-1,036.83*	
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	7,944.04	1,016.74
		For ASTM A242 Type 2 High Strength Steel, Add	*527.36*	
		For Hot Dip Galvanizing, Add	*1,845.76*	
		For >21.5 To 50 LB/LF, Deduct	*-862.01*	
		For >10 To 25 Tons, Deduct	*-560.32*	
		For >25 To 50 Tons, Deduct	*-1,153.60*	
		For >50 Tons, Deduct	*-1,648.00*	
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	4.64	0.23
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports	5.67	0.23
05 12 23 00-0093		**Built-Up Trusses** *(05 12 23 00-0045)*		
05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	8,764.78	356.97
		For >10 To 25 Tons, Deduct	*-712.64*	
		For >25 To 50 Tons, Deduct	*-1,467.20*	
		For >50 Tons, Deduct	*-2,096.00*	
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	8,677.95	198.23
		For >10 To 25 Tons, Deduct	*-719.64*	
		For >25 To 50 Tons, Deduct	*-1,481.62*	
		For >50 Tons, Deduct	*-2,116.60*	
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	7,733.82	104.95
		For >10 To 25 Tons, Deduct	*-647.86*	
		For >25 To 50 Tons, Deduct	*-1,333.82*	
		For >50 Tons, Deduct	*-1,905.46*	
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	7,521.60	99.24
		For >10 To 25 Tons, Deduct	*-630.35*	
		For >25 To 50 Tons, Deduct	*-1,297.77*	
		For >50 Tons, Deduct	*-1,853.96*	
05 12 23 00-0098		**Masonry Plates, Filler Plates, Sole Plates And Anchor Straps** *(05 12 23 00-0045)* Note: Includes shop fabrication, welds, drilling and shop primer.		
05 12 23 00-0099	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	28.69	7.32
05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	43.03	10.95
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	57.38	14.60
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	71.72	18.24
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	86.07	21.79
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	100.41	25.54
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	114.76	29.19
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	129.10	32.84
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	143.45	36.49
05 12 23 00-0108	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	157.80	40.14
05 12 23 00-0109	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	172.15	43.79
05 12 23 00-0110	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	186.49	47.44
05 12 23 00-0111	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	200.85	51.08
05 12 23 00-0112	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	215.19	54.73
05 12 23 00-0113	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	229.54	58.38
05 12 23 00-0114		**Accessories For Steel** *(05 12 23)*		
05 12 23 00-0115		**Field Painting For Touch-Up Of Shop Prime Coat** *(05 12 23 00-0114)*		
05 12 23 00-0116	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.13	
05 12 23 00-0117		**Connection And Stiffener Plates** *(05 12 23 00-0114)* Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0118	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	19,030.43	
		For >10 To 25 Tons, Deduct	*-1,617.59*	
		For >25 To 50 Tons, Deduct	*-3,330.33*	
		For >50 Tons, Deduct	*-4,757.61*	
05 12 23 00-0119	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	16,236.68	
		For >10 To 25 Tons, Deduct	*-1,380.12*	
		For >25 To 50 Tons, Deduct	*-2,841.42*	
		For >50 Tons, Deduct	*-4,059.17*	
05 12 23 00-0120	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	
05 12 23 00-0121	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0122	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	
05 12 23 00-0123	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	
05 12 23 00-0124	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	
05 12 23 00-0125	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	12,556.16	
		For >10 To 25 Tons, Deduct	*-1,067.27*	
		For >25 To 50 Tons, Deduct	*-2,197.33*	
		For >50 Tons, Deduct	*-3,139.04*	
05 12 23 00-0126	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	11,771.40	
		For >10 To 25 Tons, Deduct	*-1,000.57*	
		For >25 To 50 Tons, Deduct	*-2,060.00*	
		For >50 Tons, Deduct	*-2,942.85*	
05 12 23 00-0127	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	11,771.40	
		For >10 To 25 Tons, Deduct	*-1,000.57*	
		For >25 To 50 Tons, Deduct	*-2,060.00*	
		For >50 Tons, Deduct	*-2,942.85*	
05 12 23 00-0128	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	11,771.40	
		For >10 To 25 Tons, Deduct	*-1,000.57*	
		For >25 To 50 Tons, Deduct	*-2,060.00*	
		For >50 Tons, Deduct	*-2,942.85*	

05 12 23 00-0129 Field Applied Cold Galvanizing *(05 12 23 00-0114)*

05 12 23 00-0130	SF	Brush Applied Cold Galvanizing	1.49	

05 12 23 00-0131 Metal Grinding *(05 12 23 00-0114)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0132	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	0.90	

05 12 23 00-0133 Structural Steel For Buildings And Structures *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.

05 12 23 00-0134 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0133)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0135	LF	W14 x 730 A992/A36 Structural Column	1,634.33	70.50
		For Hot Dip Galvanizing, Add	*432.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*147.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*326.87*	
05 12 23 00-0136	LF	W14 x 665 A992/A36 Structural Column	1,490.40	65.71
		For Hot Dip Galvanizing, Add	*394.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*134.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*298.08*	
05 12 23 00-0137	LF	W14 x 605 A992/A36 Structural Column	1,357.42	61.16
		For Hot Dip Galvanizing, Add	*358.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*122.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*271.48*	
05 12 23 00-0138	LF	W14 x 550 A992/A36 Structural Column	1,235.39	56.90
		For Hot Dip Galvanizing, Add	*325.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*111.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*247.08*	
05 12 23 00-0139	LF	W14 x 500 A992/A36 Structural Column	1,133.95	61.87
		For Hot Dip Galvanizing, Add	*296.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*102.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*226.79*	
05 12 23 00-0140	LF	W14 x 426 A992/A36 Structural Column	967.45	54.02
		For Hot Dip Galvanizing, Add	*252.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*87.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*193.49*	
05 12 23 00-0141	LF	W14 x 342 A992/A36 Structural Column	782.10	46.76
		For Hot Dip Galvanizing, Add	*203.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*70.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*156.42*	
05 12 23 00-0142	LF	W14 x 311 A992/A36 Structural Column	704.32	43.67
		For Hot Dip Galvanizing, Add	*182.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*63.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*140.86*	
05 12 23 00-0143	LF	W14 x 283 A992/A36 Structural Column	639.20	41.17
		For Hot Dip Galvanizing, Add	*165.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*57.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*127.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0144	LF	W14 x 257 A992/A36 Structural Column	561.65	39.03
		For Hot Dip Galvanizing, Add	*144.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*50.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*112.33*	
05 12 23 00-0145	LF	W14 x 233 A992/A36 Structural Column	516.85	36.29
		For Hot Dip Galvanizing, Add	*132.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.52*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*103.37*	
05 12 23 00-0146	LF	W14 x 211 A992/A36 Structural Column	459.63	33.80
		For Hot Dip Galvanizing, Add	*117.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*91.93*	
05 12 23 00-0147	LF	W14 x 193 A992/A36 Structural Column	415.61	32.13
		For Hot Dip Galvanizing, Add	*105.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*83.12*	
05 12 23 00-0148	LF	W14 x 176 A992/A36 Structural Column	374.48	30.70
		For Hot Dip Galvanizing, Add	*94.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*74.90*	
05 12 23 00-0149	LF	W14 x 159 A992/A36 Structural Column	338.48	29.63
		For Hot Dip Galvanizing, Add	*85.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.70*	
05 12 23 00-0150	LF	W14 x 145 A992/A36 Structural Column	327.10	28.68
		For Hot Dip Galvanizing, Add	*82.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.44*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*65.42*	
05 12 23 00-0151	LF	W14 x 132 A992/A36 Structural Column	279.55	27.37
		For Hot Dip Galvanizing, Add	*69.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*55.91*	
05 12 23 00-0152	LF	W14 x 120 A992/A36 Structural Column	262.05	26.66
		For Hot Dip Galvanizing, Add	*64.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*52.41*	
05 12 23 00-0153	LF	W14 x 109 A992/A36 Structural Column	234.53	25.58
		For Hot Dip Galvanizing, Add	*57.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.91*	
05 12 23 00-0154	LF	W14 x 99 A992/A36 Structural Column	213.90	24.87
		For Hot Dip Galvanizing, Add	*52.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.78*	
05 12 23 00-0155	LF	W14 x 90 A992/A36 Structural Column	198.64	24.27
		For Hot Dip Galvanizing, Add	*47.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.88*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.73*	
05 12 23 00-0156	LF	W14 x 82 A992/A36 Structural Column	182.91	23.56
		For Hot Dip Galvanizing, Add	*43.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.58*	
05 12 23 00-0157	LF	W14 x 74 A992/A36 Structural Column	165.05	22.97
		For Hot Dip Galvanizing, Add	*39.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.01*	
05 12 23 00-0158	LF	W14 x 68 A992/A36 Structural Column	154.09	22.61
		For Hot Dip Galvanizing, Add	*36.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.82*	
05 12 23 00-0159	LF	W14 x 61 A992/A36 Structural Column	140.42	22.01
		For Hot Dip Galvanizing, Add	*32.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.08*	
05 12 23 00-0160	LF	W14 x 53 A992/A36 Structural Column	127.81	21.42
		For Hot Dip Galvanizing, Add	*29.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.56*	
05 12 23 00-0161	LF	W14 x 48 A992/A36 Structural Column	119.68	21.06
		For Hot Dip Galvanizing, Add	*26.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.77*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.94*	
05 12 23 00-0162	LF	W14 x 43 A992/A36 Structural Column	107.89	20.70
		For Hot Dip Galvanizing, Add	*23.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.58*	
05 12 23 00-0163	LF	W12 x 336 A992/A36 Structural Column	745.35	31.40
		For Hot Dip Galvanizing, Add	*197.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*67.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*149.07*	
05 12 23 00-0164	LF	W12 x 305 A992/A36 Structural Column	679.01	30.77
		For Hot Dip Galvanizing, Add	*179.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*61.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*135.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0165	LF	W12 x 279 A992/A36 Structural Column	623.52	30.40
		For Hot Dip Galvanizing, Add	*164.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*56.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*124.70*	
05 12 23 00-0166	LF	W12 x 252 A992/A36 Structural Column	565.51	29.64
		For Hot Dip Galvanizing, Add	*148.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*50.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*113.10*	
05 12 23 00-0167	LF	W12 x 230 A992/A36 Structural Column	518.45	29.21
		For Hot Dip Galvanizing, Add	*135.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*103.69*	
05 12 23 00-0168	LF	W12 x 210 A992/A36 Structural Column	475.62	28.81
		For Hot Dip Galvanizing, Add	*123.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*95.12*	
05 12 23 00-0169	LF	W12 x 190 A992/A36 Structural Column	437.65	32.84
		For Hot Dip Galvanizing, Add	*111.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*87.53*	
05 12 23 00-0170	LF	W12 x 170 A992/A36 Structural Column	395.35	31.89
		For Hot Dip Galvanizing, Add	*100.30*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*79.07*	
05 12 23 00-0171	LF	W12 x 152 A992/A36 Structural Column	356.33	29.63
		For Hot Dip Galvanizing, Add	*90.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*71.27*	
05 12 23 00-0172	LF	W12 x 136 A992/A36 Structural Column	338.71	28.79
		For Hot Dip Galvanizing, Add	*85.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.74*	
05 12 23 00-0173	LF	W12 x 120 A992/A36 Structural Column	256.10	26.41
		For Hot Dip Galvanizing, Add	*63.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.05*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.22*	
05 12 23 00-0174	LF	W12 x 106 A992/A36 Structural Column	235.95	25.58
		For Hot Dip Galvanizing, Add	*57.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.19*	
05 12 23 00-0175	LF	W12 x 96 A992/A36 Structural Column	210.96	24.75
		For Hot Dip Galvanizing, Add	*51.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.19*	
05 12 23 00-0176	LF	W12 x 87 A992/A36 Structural Column	194.52	23.92
		For Hot Dip Galvanizing, Add	*46.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.90*	
05 12 23 00-0177	LF	W12 x 79 A992/A36 Structural Column	170.54	23.20
		For Hot Dip Galvanizing, Add	*40.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.11*	
05 12 23 00-0178	LF	W12 x 72 A992/A36 Structural Column	155.99	22.61
		For Hot Dip Galvanizing, Add	*36.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.20*	
05 12 23 00-0179	LF	W12 x 65 A992/A36 Structural Column	142.49	22.14
		For Hot Dip Galvanizing, Add	*33.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.50*	
05 12 23 00-0180	LF	W12 x 58 A992/A36 Structural Column	137.84	21.89
		For Hot Dip Galvanizing, Add	*31.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.57*	
05 12 23 00-0181	LF	W12 x 53 A992/A36 Structural Column	127.81	21.42
		For Hot Dip Galvanizing, Add	*29.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.56*	
05 12 23 00-0182	LF	W12 x 50 A992/A36 Structural Column	123.81	21.29
		For Hot Dip Galvanizing, Add	*28.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.76*	
05 12 23 00-0183	LF	W12 x 45 A992/A36 Structural Column	112.37	20.82
		For Hot Dip Galvanizing, Add	*25.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.47*	
05 12 23 00-0184	LF	W12 x 40 A992/A36 Structural Column	100.59	20.35
		For Hot Dip Galvanizing, Add	*21.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.05*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.12*	
05 12 23 00-0185	LF	W10 x 112 A992/A36 Structural Column	246.85	26.06
		For Hot Dip Galvanizing, Add	*60.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0186	LF	W10 x 110 A992/A36 Structural Column	223.16	24.99
		For Hot Dip Galvanizing, Add	*54.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.63*	
05 12 23 00-0187	LF	W10 x 88 A992/A36 Structural Column	200.47	24.16
		For Hot Dip Galvanizing, Add	*48.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.09*	
05 12 23 00-0188	LF	W10 x 77 A992/A36 Structural Column	178.14	23.20
		For Hot Dip Galvanizing, Add	*42.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.63*	
05 12 23 00-0189	LF	W10 x 68 A992/A36 Structural Column	160.27	22.61
		For Hot Dip Galvanizing, Add	*37.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.05*	
05 12 23 00-0190	LF	W10 x 60 A992/A36 Structural Column	140.42	22.01
		For Hot Dip Galvanizing, Add	*32.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.08*	
05 12 23 00-0191	LF	W10 x 54 A992/A36 Structural Column	139.48	21.65
		For Hot Dip Galvanizing, Add	*32.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.90*	
05 12 23 00-0192	LF	W10 x 49 A992/A36 Structural Column	122.28	21.29
		For Hot Dip Galvanizing, Add	*27.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.46*	
05 12 23 00-0193	LF	W10 x 45 A992/A36 Structural Column	117.97	20.95
		For Hot Dip Galvanizing, Add	*26.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.59*	
05 12 23 00-0194	LF	W10 x 39 A992/A36 Structural Column	102.48	20.59
		For Hot Dip Galvanizing, Add	*22.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.50*	
05 12 23 00-0195	LF	W10 x 33 A992/A36 Structural Column	89.16	19.99
		For Hot Dip Galvanizing, Add	*18.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.83*	
05 12 23 00-0196	LF	W8 x 67 A992/A36 Structural Column	154.27	22.61
		For Hot Dip Galvanizing, Add	*36.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.88*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.85*	
05 12 23 00-0197	LF	W8 x 58 A992/A36 Structural Column	138.36	21.89
		For Hot Dip Galvanizing, Add	*31.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.67*	
05 12 23 00-0198	LF	W8 x 48 A992/A36 Structural Column	123.69	21.29
		For Hot Dip Galvanizing, Add	*28.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.74*	
05 12 23 00-0199	LF	W8 x 40 A992/A36 Structural Column	105.95	20.70
		For Hot Dip Galvanizing, Add	*23.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.54*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.19*	
05 12 23 00-0200	LF	W8 x 35 A992/A36 Structural Column	95.58	20.23
		For Hot Dip Galvanizing, Add	*20.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.12*	
05 12 23 00-0201	LF	W8 x 31 A992/A36 Structural Column	87.21	19.99
		For Hot Dip Galvanizing, Add	*18.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.44*	
05 12 23 00-0202	LF	W8 x 28 A992/A36 Structural Column	82.03	19.76
		For Hot Dip Galvanizing, Add	*16.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.41*	
05 12 23 00-0203	LF	W8 x 24 A992/A36 Structural Column	75.78	19.51
		For Hot Dip Galvanizing, Add	*15.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.16*	
05 12 23 00-0204	LF	W8 x 21 A992/A36 Structural Column	71.66	19.40
		For Hot Dip Galvanizing, Add	*14.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.33*	
05 12 23 00-0205	LF	W8 x 18 A992/A36 Structural Column	63.82	19.04
		For Hot Dip Galvanizing, Add	*12.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.76*	
05 12 23 00-0206	LF	W6 x 25 A992/A36 Structural Column	79.66	19.51
		For Hot Dip Galvanizing, Add	*16.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0207	LF	W6 x 20 A992/A36 Structural Column	67.11	19.16
		For Hot Dip Galvanizing, Add	*12.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.42*	
05 12 23 00-0208	LF	W6 x 15 A992/A36 Structural Column	57.33	18.57
		For Hot Dip Galvanizing, Add	*10.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.47*	
05 12 23 00-0209	LF	W6 x 12 A992/A36 Structural Column	53.62	18.57
		For Hot Dip Galvanizing, Add	*9.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.72*	
05 12 23 00-0210	LF	W6 x 9 A992/A36 Structural Column	48.92	18.44
		For Hot Dip Galvanizing, Add	*8.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.78*	
05 12 23 00-0211	LF	W5 x 19 A992/A36 Structural Column	66.05	19.16
		For Hot Dip Galvanizing, Add	*12.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.21*	
05 12 23 00-0212	LF	W5 x 16 A992/A36 Structural Column	60.70	19.04
		For Hot Dip Galvanizing, Add	*11.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.14*	
05 12 23 00-0213	LF	W4 x 13 A992/A36 Structural Column	56.75	18.80
		For Hot Dip Galvanizing, Add	*10.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.35*	

05 12 23 00-0214 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0133)*

Note: Includes material delivery and erection.

05 12 23 00-0215	LF	W36 x 300 A992/A36 Structural Beam Or Girder	584.09	77.21
		For Hot Dip Galvanizing, Add	*139.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*52.57*	
		For High Strength Low Alloy A588 Steel, Add	*116.82*	
		For Each Additional Top Copes >2, Add	*5.02*	
		For Structural Tees, WT, MT Or ST, Deduct	*-192.08*	
		For Skewed Or Sloped Connections, Add	*70.09*	
05 12 23 00-0216	LF	W36 x 280 A992/A36 Structural Beam Or Girder	563.48	89.24
		For Hot Dip Galvanizing, Add	*129.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*50.71*	
		For High Strength Low Alloy A588 Steel, Add	*112.70*	
		For Each Additional Top Copes >2, Add	*4.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-182.94*	
		For Skewed Or Sloped Connections, Add	*67.62*	
05 12 23 00-0217	LF	W36 x 260 A992/A36 Structural Beam Or Girder	533.18	88.17
		For Hot Dip Galvanizing, Add	*121.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*47.99*	
		For High Strength Low Alloy A588 Steel, Add	*106.64*	
		For Each Additional Top Copes >2, Add	*4.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-172.51*	
		For Skewed Or Sloped Connections, Add	*63.98*	
05 12 23 00-0218	LF	W36 x 240 A992/A36 Structural Beam Or Girder	496.45	74.42
		For Hot Dip Galvanizing, Add	*115.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*44.68*	
		For High Strength Low Alloy A588 Steel, Add	*99.29*	
		For Each Additional Top Copes >2, Add	*4.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-161.85*	
		For Skewed Or Sloped Connections, Add	*59.57*	
05 12 23 00-0219	LF	W36 x 230 A992/A36 Structural Beam Or Girder	480.20	75.48
		For Hot Dip Galvanizing, Add	*110.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*43.22*	
		For High Strength Low Alloy A588 Steel, Add	*96.04*	
		For Each Additional Top Copes >2, Add	*4.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-156.00*	
		For Skewed Or Sloped Connections, Add	*57.62*	
05 12 23 00-0220	LF	W36 x 210 A992/A36 Structural Beam Or Girder	455.96	85.32
		For Hot Dip Galvanizing, Add	*101.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.04*	
		For High Strength Low Alloy A588 Steel, Add	*91.19*	
		For Each Additional Top Copes >2, Add	*3.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-145.93*	
		For Skewed Or Sloped Connections, Add	*54.72*	
05 12 23 00-0221	LF	W36 x 194 A992/A36 Structural Beam Or Girder	429.46	72.18
		For Hot Dip Galvanizing, Add	*97.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.65*	
		For High Strength Low Alloy A588 Steel, Add	*85.89*	
		For Each Additional Top Copes >2, Add	*3.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-138.76*	
		For Skewed Or Sloped Connections, Add	*51.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0222	LF	W36 x 182 A992/A36 Structural Beam Or Girder	407.09	71.65
		For Hot Dip Galvanizing, Add	*91.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.64*	
		For High Strength Low Alloy A588 Steel, Add	*81.42*	
		For Each Additional Top Copes >2, Add	*3.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-131.02*	
		For Skewed Or Sloped Connections, Add	*48.85*	
05 12 23 00-0223	LF	W36 x 170 A992/A36 Structural Beam Or Girder	384.42	70.83
		For Hot Dip Galvanizing, Add	*85.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.60*	
		For High Strength Low Alloy A588 Steel, Add	*76.88*	
		For Each Additional Top Copes >2, Add	*3.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-123.21*	
		For Skewed Or Sloped Connections, Add	*46.13*	
05 12 23 00-0224	LF	W36 x 160 A992/A36 Structural Beam Or Girder	378.75	82.58
		For Hot Dip Galvanizing, Add	*80.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.09*	
		For High Strength Low Alloy A588 Steel, Add	*75.75*	
		For Each Additional Top Copes >2, Add	*2.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-119.36*	
		For Skewed Or Sloped Connections, Add	*45.45*	
05 12 23 00-0225	LF	W36 x 150 A992/A36 Structural Beam Or Girder	362.92	81.99
		For Hot Dip Galvanizing, Add	*76.44*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.66*	
		For High Strength Low Alloy A588 Steel, Add	*72.58*	
		For Each Additional Top Copes >2, Add	*2.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-113.90*	
		For Skewed Or Sloped Connections, Add	*43.55*	
05 12 23 00-0226	LF	W36 x 135 A992/A36 Structural Beam Or Girder	340.79	81.27
		For Hot Dip Galvanizing, Add	*70.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.67*	
		For High Strength Low Alloy A588 Steel, Add	*68.16*	
		For Each Additional Top Copes >2, Add	*2.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-106.28*	
		For Skewed Or Sloped Connections, Add	*40.89*	
05 12 23 00-0227	LF	W33 x 241 A992/A36 Structural Beam Or Girder	502.57	76.76
		For Hot Dip Galvanizing, Add	*116.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*45.23*	
		For High Strength Low Alloy A588 Steel, Add	*100.51*	
		For Each Additional Top Copes >2, Add	*4.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-163.62*	
		For Skewed Or Sloped Connections, Add	*60.31*	
05 12 23 00-0228	LF	W33 x 221 A992/A36 Structural Beam Or Girder	465.65	74.87
		For Hot Dip Galvanizing, Add	*107.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.91*	
		For High Strength Low Alloy A588 Steel, Add	*93.13*	
		For Each Additional Top Copes >2, Add	*3.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-151.00*	
		For Skewed Or Sloped Connections, Add	*55.88*	
05 12 23 00-0229	LF	W33 x 201 A992/A36 Structural Beam Or Girder	441.31	84.72
		For Hot Dip Galvanizing, Add	*97.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.72*	
		For High Strength Low Alloy A588 Steel, Add	*88.26*	
		For Each Additional Top Copes >2, Add	*3.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-140.89*	
		For Skewed Or Sloped Connections, Add	*52.96*	
05 12 23 00-0230	LF	W33 x 170 A992/A36 Structural Beam Or Girder	395.76	83.18
		For Hot Dip Galvanizing, Add	*85.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.62*	
		For High Strength Low Alloy A588 Steel, Add	*79.15*	
		For Each Additional Top Copes >2, Add	*3.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-125.22*	
		For Skewed Or Sloped Connections, Add	*47.49*	
05 12 23 00-0231	LF	W33 x 152 A992/A36 Structural Beam Or Girder	359.21	70.60
		For Hot Dip Galvanizing, Add	*78.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.33*	
		For High Strength Low Alloy A588 Steel, Add	*71.84*	
		For Each Additional Top Copes >2, Add	*2.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.43*	
		For Skewed Or Sloped Connections, Add	*43.11*	
05 12 23 00-0232	LF	W33 x 141 A992/A36 Structural Beam Or Girder	350.33	81.50
		For Hot Dip Galvanizing, Add	*73.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.53*	
		For High Strength Low Alloy A588 Steel, Add	*70.07*	
		For Each Additional Top Copes >2, Add	*2.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-109.57*	
		For Skewed Or Sloped Connections, Add	*42.04*	
05 12 23 00-0233	LF	W33 x 130 A992/A36 Structural Beam Or Girder	332.43	80.91
		For Hot Dip Galvanizing, Add	*68.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.92*	
		For High Strength Low Alloy A588 Steel, Add	*66.49*	
		For Each Additional Top Copes >2, Add	*2.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-103.41*	
		For Skewed Or Sloped Connections, Add	*39.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0234	LF	W33 x 118 A992/A36 Structural Beam Or Girder	311.58	80.20
		For Hot Dip Galvanizing, Add	*62.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.04*	
		For High Strength Low Alloy A588 Steel, Add	*62.32*	
		For Each Additional Top Copes >2, Add	*2.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-96.22*	
		For Skewed Or Sloped Connections, Add	*37.39*	
05 12 23 00-0235	LF	W30 x 211 A992/A36 Structural Beam Or Girder	446.17	74.73
		For Hot Dip Galvanizing, Add	*101.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.16*	
		For High Strength Low Alloy A588 Steel, Add	*89.23*	
		For Each Additional Top Copes >2, Add	*3.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-144.20*	
		For Skewed Or Sloped Connections, Add	*53.54*	
05 12 23 00-0236	LF	W30 x 191 A992/A36 Structural Beam Or Girder	421.56	84.13
		For Hot Dip Galvanizing, Add	*92.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.94*	
		For High Strength Low Alloy A588 Steel, Add	*84.31*	
		For Each Additional Top Copes >2, Add	*3.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-134.07*	
		For Skewed Or Sloped Connections, Add	*50.59*	
05 12 23 00-0237	LF	W30 x 173 A992/A36 Structural Beam Or Girder	385.74	71.32
		For Hot Dip Galvanizing, Add	*85.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.72*	
		For High Strength Low Alloy A588 Steel, Add	*77.15*	
		For Each Additional Top Copes >2, Add	*3.10*	
		For Structural Tees, WT, MT Or ST, Deduct	*-123.60*	
		For Skewed Or Sloped Connections, Add	*46.29*	
05 12 23 00-0238	LF	W30 x 154 A992/A36 Structural Beam Or Girder	363.24	82.10
		For Hot Dip Galvanizing, Add	*76.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.69*	
		For High Strength Low Alloy A588 Steel, Add	*72.65*	
		For Each Additional Top Copes >2, Add	*2.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.00*	
		For Skewed Or Sloped Connections, Add	*43.59*	
05 12 23 00-0239	LF	W30 x 132 A992/A36 Structural Beam Or Girder	323.28	68.81
		For Hot Dip Galvanizing, Add	*69.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.10*	
		For High Strength Low Alloy A588 Steel, Add	*64.66*	
		For Each Additional Top Copes >2, Add	*2.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-102.14*	
		For Skewed Or Sloped Connections, Add	*38.79*	
05 12 23 00-0240	LF	W30 x 124 A992/A36 Structural Beam Or Girder	308.09	68.77
		For Hot Dip Galvanizing, Add	*65.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.73*	
		For High Strength Low Alloy A588 Steel, Add	*61.62*	
		For Each Additional Top Copes >2, Add	*2.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-96.83*	
		For Skewed Or Sloped Connections, Add	*36.97*	
05 12 23 00-0241	LF	W30 x 116 A992/A36 Structural Beam Or Girder	305.02	80.08
		For Hot Dip Galvanizing, Add	*60.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.45*	
		For High Strength Low Alloy A588 Steel, Add	*61.00*	
		For Each Additional Top Copes >2, Add	*2.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-93.94*	
		For Skewed Or Sloped Connections, Add	*36.60*	
05 12 23 00-0242	LF	W30 x 108 A992/A36 Structural Beam Or Girder	282.39	72.11
		For Hot Dip Galvanizing, Add	*57.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.42*	
		For High Strength Low Alloy A588 Steel, Add	*56.48*	
		For Each Additional Top Copes >2, Add	*2.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.31*	
		For Skewed Or Sloped Connections, Add	*33.89*	
05 12 23 00-0243	LF	W30 x 99 A992/A36 Structural Beam Or Girder	269.61	71.75
		For Hot Dip Galvanizing, Add	*53.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.26*	
		For High Strength Low Alloy A588 Steel, Add	*53.92*	
		For Each Additional Top Copes >2, Add	*1.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-82.90*	
		For Skewed Or Sloped Connections, Add	*32.35*	
05 12 23 00-0244	LF	W27 x 178 A992/A36 Structural Beam Or Girder	428.29	83.50
		For Hot Dip Galvanizing, Add	*94.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.55*	
		For High Strength Low Alloy A588 Steel, Add	*85.66*	
		For Each Additional Top Copes >2, Add	*3.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-136.54*	
		For Skewed Or Sloped Connections, Add	*51.39*	
05 12 23 00-0245	LF	W27 x 161 A992/A36 Structural Beam Or Girder	392.54	80.36
		For Hot Dip Galvanizing, Add	*85.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.33*	
		For High Strength Low Alloy A588 Steel, Add	*78.51*	
		For Each Additional Top Copes >2, Add	*3.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-124.53*	
		For Skewed Or Sloped Connections, Add	*47.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0246	LF	W27 x 146 A992/A36 Structural Beam Or Girder	360.92	77.51
		For Hot Dip Galvanizing, Add	*77.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.48*	
		For High Strength Low Alloy A588 Steel, Add	*72.18*	
		For Each Additional Top Copes >2, Add	*2.78*	
		For Structural Tees, WT, MT Or ST, Deduct	*-113.92*	
		For Skewed Or Sloped Connections, Add	*43.31*	
05 12 23 00-0247	LF	W27 x 114 A992/A36 Structural Beam Or Girder	285.94	64.39
		For Hot Dip Galvanizing, Add	*60.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.73*	
		For High Strength Low Alloy A588 Steel, Add	*57.19*	
		For Each Additional Top Copes >2, Add	*2.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.78*	
		For Skewed Or Sloped Connections, Add	*34.31*	
05 12 23 00-0248	LF	W27 x 102 A992/A36 Structural Beam Or Girder	270.90	71.75
		For Hot Dip Galvanizing, Add	*53.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.38*	
		For High Strength Low Alloy A588 Steel, Add	*54.18*	
		For Each Additional Top Copes >2, Add	*1.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.34*	
		For Skewed Or Sloped Connections, Add	*32.51*	
05 12 23 00-0249	LF	W27 x 94 A992/A36 Structural Beam Or Girder	258.90	71.28
		For Hot Dip Galvanizing, Add	*50.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.30*	
		For High Strength Low Alloy A588 Steel, Add	*51.78*	
		For Each Additional Top Copes >2, Add	*1.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.21*	
		For Skewed Or Sloped Connections, Add	*31.07*	
05 12 23 00-0250	LF	W27 x 84 A992/A36 Structural Beam Or Girder	244.23	70.80
		For Hot Dip Galvanizing, Add	*46.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.98*	
		For High Strength Low Alloy A588 Steel, Add	*48.85*	
		For Each Additional Top Copes >2, Add	*1.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-74.16*	
		For Skewed Or Sloped Connections, Add	*29.31*	
05 12 23 00-0251	LF	W24 x 162 A992/A36 Structural Beam Or Girder	378.12	77.04
		For Hot Dip Galvanizing, Add	*82.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.03*	
		For High Strength Low Alloy A588 Steel, Add	*75.62*	
		For Each Additional Top Copes >2, Add	*2.96*	
		For Structural Tees, WT, MT Or ST, Deduct	*-120.02*	
		For Skewed Or Sloped Connections, Add	*45.37*	
05 12 23 00-0252	LF	W24 x 146 A992/A36 Structural Beam Or Girder	345.50	73.85
		For Hot Dip Galvanizing, Add	*74.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.10*	
		For High Strength Low Alloy A588 Steel, Add	*69.10*	
		For Each Additional Top Copes >2, Add	*2.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-109.11*	
		For Skewed Or Sloped Connections, Add	*41.46*	
05 12 23 00-0253	LF	W24 x 131 A992/A36 Structural Beam Or Girder	314.51	70.50
		For Hot Dip Galvanizing, Add	*66.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.31*	
		For High Strength Low Alloy A588 Steel, Add	*62.90*	
		For Each Additional Top Copes >2, Add	*2.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-98.80*	
		For Skewed Or Sloped Connections, Add	*37.74*	
05 12 23 00-0254	LF	W24 x 117 A992/A36 Structural Beam Or Girder	285.18	66.98
		For Hot Dip Galvanizing, Add	*59.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.67*	
		For High Strength Low Alloy A588 Steel, Add	*57.04*	
		For Each Additional Top Copes >2, Add	*2.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.10*	
		For Skewed Or Sloped Connections, Add	*34.22*	
05 12 23 00-0255	LF	W24 x 104 A992/A36 Structural Beam Or Girder	257.55	63.34
		For Hot Dip Galvanizing, Add	*52.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.18*	
		For High Strength Low Alloy A588 Steel, Add	*51.51*	
		For Each Additional Top Copes >2, Add	*1.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-80.01*	
		For Skewed Or Sloped Connections, Add	*30.91*	
05 12 23 00-0256	LF	W24 x 94 A992/A36 Structural Beam Or Girder	247.76	71.28
		For Hot Dip Galvanizing, Add	*47.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.30*	
		For High Strength Low Alloy A588 Steel, Add	*49.55*	
		For Each Additional Top Copes >2, Add	*1.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.31*	
		For Skewed Or Sloped Connections, Add	*29.73*	
05 12 23 00-0257	LF	W24 x 84 A992/A36 Structural Beam Or Girder	226.11	63.18
		For Hot Dip Galvanizing, Add	*44.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.35*	
		For High Strength Low Alloy A588 Steel, Add	*45.22*	
		For Each Additional Top Copes >2, Add	*1.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.02*	
		For Skewed Or Sloped Connections, Add	*27.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0258	LF	W24 x 76 A992/A36 Structural Beam Or Girder	214.88	62.70
		For Hot Dip Galvanizing, Add	*41.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.34*	
		For High Strength Low Alloy A588 Steel, Add	*42.98*	
		For Each Additional Top Copes >2, Add	*1.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.16*	
		For Skewed Or Sloped Connections, Add	*25.79*	
05 12 23 00-0259	LF	W24 x 68 A992/A36 Structural Beam Or Girder	200.73	62.35
		For Hot Dip Galvanizing, Add	*37.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.07*	
		For High Strength Low Alloy A588 Steel, Add	*40.15*	
		For Each Additional Top Copes >2, Add	*1.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.28*	
		For Skewed Or Sloped Connections, Add	*24.09*	
05 12 23 00-0260	LF	W24 x 62 A992/A36 Structural Beam Or Girder	193.34	61.99
		For Hot Dip Galvanizing, Add	*35.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.40*	
		For High Strength Low Alloy A588 Steel, Add	*38.67*	
		For Each Additional Top Copes >2, Add	*1.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.75*	
		For Skewed Or Sloped Connections, Add	*23.20*	
05 12 23 00-0261	LF	W24 x 55 A992/A36 Structural Beam Or Girder	183.21	61.76
		For Hot Dip Galvanizing, Add	*32.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.49*	
		For High Strength Low Alloy A588 Steel, Add	*36.64*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.25*	
		For Skewed Or Sloped Connections, Add	*21.99*	
05 12 23 00-0262	LF	W21 x 147 A992/A36 Structural Beam Or Girder	331.30	63.35
		For Hot Dip Galvanizing, Add	*73.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.82*	
		For High Strength Low Alloy A588 Steel, Add	*66.26*	
		For Each Additional Top Copes >2, Add	*2.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-105.82*	
		For Skewed Or Sloped Connections, Add	*39.76*	
05 12 23 00-0263	LF	W21 x 132 A992/A36 Structural Beam Or Girder	301.37	60.53
		For Hot Dip Galvanizing, Add	*65.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.12*	
		For High Strength Low Alloy A588 Steel, Add	*60.27*	
		For Each Additional Top Copes >2, Add	*2.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-95.80*	
		For Skewed Or Sloped Connections, Add	*36.16*	
05 12 23 00-0264	LF	W21 x 122 A992/A36 Structural Beam Or Girder	282.34	59.51
		For Hot Dip Galvanizing, Add	*60.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.41*	
		For High Strength Low Alloy A588 Steel, Add	*56.47*	
		For Each Additional Top Copes >2, Add	*2.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.30*	
		For Skewed Or Sloped Connections, Add	*33.88*	
05 12 23 00-0265	LF	W21 x 111 A992/A36 Structural Beam Or Girder	260.58	57.60
		For Hot Dip Galvanizing, Add	*55.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.45*	
		For High Strength Low Alloy A588 Steel, Add	*52.12*	
		For Each Additional Top Copes >2, Add	*1.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-81.99*	
		For Skewed Or Sloped Connections, Add	*31.27*	
05 12 23 00-0266	LF	W21 x 101 A992/A36 Structural Beam Or Girder	240.66	55.76
		For Hot Dip Galvanizing, Add	*50.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.66*	
		For High Strength Low Alloy A588 Steel, Add	*48.13*	
		For Each Additional Top Copes >2, Add	*1.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.31*	
		For Skewed Or Sloped Connections, Add	*28.88*	
05 12 23 00-0267	LF	W21 x 93 A992/A36 Structural Beam Or Girder	235.02	63.89
		For Hot Dip Galvanizing, Add	*46.30*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.15*	
		For High Strength Low Alloy A588 Steel, Add	*47.00*	
		For Each Additional Top Copes >2, Add	*1.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.03*	
		For Skewed Or Sloped Connections, Add	*28.20*	
05 12 23 00-0268	LF	W21 x 83 A992/A36 Structural Beam Or Girder	221.81	63.18
		For Hot Dip Galvanizing, Add	*42.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.96*	
		For High Strength Low Alloy A588 Steel, Add	*44.36*	
		For Each Additional Top Copes >2, Add	*1.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.51*	
		For Skewed Or Sloped Connections, Add	*26.62*	
05 12 23 00-0269	LF	W21 x 73 A992/A36 Structural Beam Or Girder	205.58	62.70
		For Hot Dip Galvanizing, Add	*38.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.50*	
		For High Strength Low Alloy A588 Steel, Add	*41.12*	
		For Each Additional Top Copes >2, Add	*1.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.92*	
		For Skewed Or Sloped Connections, Add	*24.67*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0270	LF	W21 x 68 A992/A36 Structural Beam Or Girder	197.41	62.35
		For Hot Dip Galvanizing, Add	*36.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.77*	
		For High Strength Low Alloy A588 Steel, Add	*39.48*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.12*	
		For Skewed Or Sloped Connections, Add	*23.69*	
05 12 23 00-0271	LF	W21 x 62 A992/A36 Structural Beam Or Girder	190.02	61.99
		For Hot Dip Galvanizing, Add	*34.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.10*	
		For High Strength Low Alloy A588 Steel, Add	*38.00*	
		For Each Additional Top Copes >2, Add	*1.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.58*	
		For Skewed Or Sloped Connections, Add	*22.80*	
05 12 23 00-0272	LF	W21 x 57 A992/A36 Structural Beam Or Girder	183.33	61.87
		For Hot Dip Galvanizing, Add	*32.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.50*	
		For High Strength Low Alloy A588 Steel, Add	*36.67*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.28*	
		For Skewed Or Sloped Connections, Add	*22.00*	
05 12 23 00-0273	LF	W21 x 50 A992/A36 Structural Beam Or Girder	162.65	53.67
		For Hot Dip Galvanizing, Add	*29.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.64*	
		For High Strength Low Alloy A588 Steel, Add	*32.53*	
		For Each Additional Top Copes >2, Add	*1.05*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.33*	
		For Skewed Or Sloped Connections, Add	*19.52*	
05 12 23 00-0274	LF	W21 x 44 A992/A36 Structural Beam Or Girder	154.88	53.43
		For Hot Dip Galvanizing, Add	*27.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.94*	
		For High Strength Low Alloy A588 Steel, Add	*30.98*	
		For Each Additional Top Copes >2, Add	*0.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.66*	
		For Skewed Or Sloped Connections, Add	*18.59*	
05 12 23 00-0275	LF	W18 x 119 A992/A36 Structural Beam Or Girder	274.41	59.31
		For Hot Dip Galvanizing, Add	*58.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.70*	
		For High Strength Low Alloy A588 Steel, Add	*54.88*	
		For Each Additional Top Copes >2, Add	*2.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-86.55*	
		For Skewed Or Sloped Connections, Add	*32.93*	
05 12 23 00-0276	LF	W18 x 106 A992/A36 Structural Beam Or Girder	248.02	56.20
		For Hot Dip Galvanizing, Add	*52.19*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.32*	
		For High Strength Low Alloy A588 Steel, Add	*49.60*	
		For Each Additional Top Copes >2, Add	*1.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-77.82*	
		For Skewed Or Sloped Connections, Add	*29.76*	
05 12 23 00-0277	LF	W18 x 97 A992/A36 Structural Beam Or Girder	240.42	63.89
		For Hot Dip Galvanizing, Add	*47.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.64*	
		For High Strength Low Alloy A588 Steel, Add	*48.08*	
		For Each Additional Top Copes >2, Add	*1.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.90*	
		For Skewed Or Sloped Connections, Add	*28.85*	
05 12 23 00-0278	LF	W18 x 86 A992/A36 Structural Beam Or Girder	225.24	63.30
		For Hot Dip Galvanizing, Add	*43.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.27*	
		For High Strength Low Alloy A588 Steel, Add	*45.05*	
		For Each Additional Top Copes >2, Add	*1.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.70*	
		For Skewed Or Sloped Connections, Add	*27.03*	
05 12 23 00-0279	LF	W18 x 76 A992/A36 Structural Beam Or Girder	211.56	62.70
		For Hot Dip Galvanizing, Add	*40.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.04*	
		For High Strength Low Alloy A588 Steel, Add	*42.31*	
		For Each Additional Top Copes >2, Add	*1.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.00*	
		For Skewed Or Sloped Connections, Add	*25.39*	
05 12 23 00-0280	LF	W18 x 71 A992/A36 Structural Beam Or Girder	201.55	62.59
		For Hot Dip Galvanizing, Add	*37.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.14*	
		For High Strength Low Alloy A588 Steel, Add	*40.31*	
		For Each Additional Top Copes >2, Add	*1.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.53*	
		For Skewed Or Sloped Connections, Add	*24.19*	
05 12 23 00-0281	LF	W18 x 65 A992/A36 Structural Beam Or Girder	191.81	62.35
		For Hot Dip Galvanizing, Add	*34.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.26*	
		For High Strength Low Alloy A588 Steel, Add	*38.36*	
		For Each Additional Top Copes >2, Add	*1.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.18*	
		For Skewed Or Sloped Connections, Add	*23.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0282	LF	W18 x 60 A992/A36 Structural Beam Or Girder	183.06	61.87
		For Hot Dip Galvanizing, Add	*32.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.48*	
		For High Strength Low Alloy A588 Steel, Add	*36.61*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.17*	
		For Skewed Or Sloped Connections, Add	*21.97*	
05 12 23 00-0283	LF	W18 x 55 A992/A36 Structural Beam Or Girder	174.23	61.76
		For Hot Dip Galvanizing, Add	*30.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.68*	
		For High Strength Low Alloy A588 Steel, Add	*34.85*	
		For Each Additional Top Copes >2, Add	*1.08*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.11*	
		For Skewed Or Sloped Connections, Add	*20.91*	
05 12 23 00-0284	LF	W18 x 50 A992/A36 Structural Beam Or Girder	157.18	53.67
		For Hot Dip Galvanizing, Add	*27.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.15*	
		For High Strength Low Alloy A588 Steel, Add	*31.44*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.41*	
		For Skewed Or Sloped Connections, Add	*18.86*	
05 12 23 00-0285	LF	W18 x 46 A992/A36 Structural Beam Or Girder	150.30	53.54
		For Hot Dip Galvanizing, Add	*25.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.53*	
		For High Strength Low Alloy A588 Steel, Add	*30.06*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.04*	
		For Skewed Or Sloped Connections, Add	*18.04*	
05 12 23 00-0286	LF	W18 x 40 A992/A36 Structural Beam Or Girder	131.61	45.70
		For Hot Dip Galvanizing, Add	*22.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.84*	
		For High Strength Low Alloy A588 Steel, Add	*26.32*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.75*	
		For Skewed Or Sloped Connections, Add	*15.79*	
05 12 23 00-0287	LF	W18 x 35 A992/A36 Structural Beam Or Girder	122.98	45.57
		For Hot Dip Galvanizing, Add	*20.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.07*	
		For High Strength Low Alloy A588 Steel, Add	*24.60*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.76*	
		For Skewed Or Sloped Connections, Add	*14.76*	
05 12 23 00-0288	LF	W16 x 100 A992/A36 Structural Beam Or Girder	229.27	41.53
		For Hot Dip Galvanizing, Add	*51.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.63*	
		For High Strength Low Alloy A588 Steel, Add	*45.85*	
		For Each Additional Top Copes >2, Add	*1.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.61*	
		For Skewed Or Sloped Connections, Add	*27.51*	
05 12 23 00-0289	LF	W16 x 89 A992/A36 Structural Beam Or Girder	209.80	40.81
		For Hot Dip Galvanizing, Add	*46.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.88*	
		For High Strength Low Alloy A588 Steel, Add	*41.96*	
		For Each Additional Top Copes >2, Add	*1.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.90*	
		For Skewed Or Sloped Connections, Add	*25.18*	
05 12 23 00-0290	LF	W16 x 77 A992/A36 Structural Beam Or Girder	188.90	40.34
		For Hot Dip Galvanizing, Add	*40.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.00*	
		For High Strength Low Alloy A588 Steel, Add	*37.78*	
		For Each Additional Top Copes >2, Add	*1.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.67*	
		For Skewed Or Sloped Connections, Add	*22.67*	
05 12 23 00-0291	LF	W16 x 67 A992/A36 Structural Beam Or Girder	171.10	39.75
		For Hot Dip Galvanizing, Add	*35.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.40*	
		For High Strength Low Alloy A588 Steel, Add	*34.22*	
		For Each Additional Top Copes >2, Add	*1.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.53*	
		For Skewed Or Sloped Connections, Add	*20.53*	
05 12 23 00-0292	LF	W16 x 57 A992/A36 Structural Beam Or Girder	153.52	39.15
		For Hot Dip Galvanizing, Add	*31.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.82*	
		For High Strength Low Alloy A588 Steel, Add	*30.70*	
		For Each Additional Top Copes >2, Add	*1.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.47*	
		For Skewed Or Sloped Connections, Add	*18.42*	
05 12 23 00-0293	LF	W16 x 50 A992/A36 Structural Beam Or Girder	141.24	38.79
		For Hot Dip Galvanizing, Add	*27.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.71*	
		For High Strength Low Alloy A588 Steel, Add	*28.25*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.22*	
		For Skewed Or Sloped Connections, Add	*16.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0294	LF	W16 x 45 A992/A36 Structural Beam Or Girder	132.60	38.56
		For Hot Dip Galvanizing, Add	*25.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.93*	
		For High Strength Low Alloy A588 Steel, Add	*26.52*	
		For Each Additional Top Copes >2, Add	*0.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.23*	
		For Skewed Or Sloped Connections, Add	*15.91*	
05 12 23 00-0295	LF	W16 x 40 A992/A36 Structural Beam Or Girder	123.64	38.20
		For Hot Dip Galvanizing, Add	*22.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.13*	
		For High Strength Low Alloy A588 Steel, Add	*24.73*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.15*	
		For Skewed Or Sloped Connections, Add	*14.84*	
05 12 23 00-0296	LF	W16 x 36 A992/A36 Structural Beam Or Girder	116.64	37.96
		For Hot Dip Galvanizing, Add	*21.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.50*	
		For High Strength Low Alloy A588 Steel, Add	*23.33*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.76*	
		For Skewed Or Sloped Connections, Add	*14.00*	
05 12 23 00-0297	LF	W16 x 31 A992/A36 Structural Beam Or Girder	99.85	30.23
		For Hot Dip Galvanizing, Add	*18.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.99*	
		For High Strength Low Alloy A588 Steel, Add	*19.97*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.11*	
		For Skewed Or Sloped Connections, Add	*11.98*	
05 12 23 00-0298	LF	W16 x 26 A992/A36 Structural Beam Or Girder	88.57	29.87
		For Hot Dip Galvanizing, Add	*15.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.97*	
		For High Strength Low Alloy A588 Steel, Add	*17.71*	
		For Each Additional Top Copes >2, Add	*0.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.22*	
		For Skewed Or Sloped Connections, Add	*10.63*	
05 12 23 00-0299	LF	W14 x 99 A992/A36 Structural Beam Or Girder	219.54	34.03
		For Hot Dip Galvanizing, Add	*50.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.76*	
		For High Strength Low Alloy A588 Steel, Add	*43.91*	
		For Each Additional Top Copes >2, Add	*1.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-71.40*	
		For Skewed Or Sloped Connections, Add	*26.34*	
05 12 23 00-0300	LF	W14 x 90 A992/A36 Structural Beam Or Girder	203.70	33.44
		For Hot Dip Galvanizing, Add	*46.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.33*	
		For High Strength Low Alloy A588 Steel, Add	*40.74*	
		For Each Additional Top Copes >2, Add	*1.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.94*	
		For Skewed Or Sloped Connections, Add	*24.44*	
05 12 23 00-0301	LF	W14 x 82 A992/A36 Structural Beam Or Girder	189.56	33.08
		For Hot Dip Galvanizing, Add	*42.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.06*	
		For High Strength Low Alloy A588 Steel, Add	*37.91*	
		For Each Additional Top Copes >2, Add	*1.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.06*	
		For Skewed Or Sloped Connections, Add	*22.75*	
05 12 23 00-0302	LF	W14 x 74 A992/A36 Structural Beam Or Girder	175.41	32.61
		For Hot Dip Galvanizing, Add	*39.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.79*	
		For High Strength Low Alloy A588 Steel, Add	*35.08*	
		For Each Additional Top Copes >2, Add	*1.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.18*	
		For Skewed Or Sloped Connections, Add	*21.05*	
05 12 23 00-0303	LF	W14 x 68 A992/A36 Structural Beam Or Girder	164.89	32.25
		For Hot Dip Galvanizing, Add	*36.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.84*	
		For High Strength Low Alloy A588 Steel, Add	*32.98*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.55*	
		For Skewed Or Sloped Connections, Add	*19.79*	
05 12 23 00-0304	LF	W14 x 61 A992/A36 Structural Beam Or Girder	152.62	31.89
		For Hot Dip Galvanizing, Add	*32.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.74*	
		For High Strength Low Alloy A588 Steel, Add	*30.52*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.31*	
		For Skewed Or Sloped Connections, Add	*18.31*	
05 12 23 00-0305	LF	W14 x 53 A992/A36 Structural Beam Or Girder	138.66	31.42
		For Hot Dip Galvanizing, Add	*29.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.48*	
		For High Strength Low Alloy A588 Steel, Add	*27.73*	
		For Each Additional Top Copes >2, Add	*1.05*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.50*	
		For Skewed Or Sloped Connections, Add	*16.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0306	LF	W14 x 48 A992/A36 Structural Beam Or Girder	129.71	31.06
		For Hot Dip Galvanizing, Add	*26.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.67*	
		For High Strength Low Alloy A588 Steel, Add	*25.94*	
		For Each Additional Top Copes >2, Add	*0.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.42*	
		For Skewed Or Sloped Connections, Add	*15.57*	
05 12 23 00-0307	LF	W14 x 43 A992/A36 Structural Beam Or Girder	120.87	30.94
		For Hot Dip Galvanizing, Add	*24.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.88*	
		For High Strength Low Alloy A588 Steel, Add	*24.17*	
		For Each Additional Top Copes >2, Add	*0.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.36*	
		For Skewed Or Sloped Connections, Add	*14.50*	
05 12 23 00-0308	LF	W14 x 38 A992/A36 Structural Beam Or Girder	112.12	30.70
		For Hot Dip Galvanizing, Add	*22.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.09*	
		For High Strength Low Alloy A588 Steel, Add	*22.42*	
		For Each Additional Top Copes >2, Add	*0.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.35*	
		For Skewed Or Sloped Connections, Add	*13.45*	
05 12 23 00-0309	LF	W14 x 34 A992/A36 Structural Beam Or Girder	105.04	30.34
		For Hot Dip Galvanizing, Add	*20.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.45*	
		For High Strength Low Alloy A588 Steel, Add	*21.01*	
		For Each Additional Top Copes >2, Add	*0.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.91*	
		For Skewed Or Sloped Connections, Add	*12.60*	
05 12 23 00-0310	LF	W14 x 30 A992/A36 Structural Beam Or Girder	97.97	30.23
		For Hot Dip Galvanizing, Add	*18.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.82*	
		For High Strength Low Alloy A588 Steel, Add	*19.59*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.47*	
		For Skewed Or Sloped Connections, Add	*11.76*	
05 12 23 00-0311	LF	W14 x 26 A992/A36 Structural Beam Or Girder	90.89	29.87
		For Hot Dip Galvanizing, Add	*16.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.18*	
		For High Strength Low Alloy A588 Steel, Add	*18.18*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.03*	
		For Skewed Or Sloped Connections, Add	*10.91*	
05 12 23 00-0312	LF	W14 x 22 A992/A36 Structural Beam Or Girder	84.01	29.75
		For Hot Dip Galvanizing, Add	*14.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.56*	
		For High Strength Low Alloy A588 Steel, Add	*16.80*	
		For Each Additional Top Copes >2, Add	*0.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.66*	
		For Skewed Or Sloped Connections, Add	*10.08*	
05 12 23 00-0313	LF	W12 x 87 A992/A36 Structural Beam Or Girder	198.51	33.32
		For Hot Dip Galvanizing, Add	*45.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.87*	
		For High Strength Low Alloy A588 Steel, Add	*39.70*	
		For Each Additional Top Copes >2, Add	*1.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.14*	
		For Skewed Or Sloped Connections, Add	*23.82*	
05 12 23 00-0314	LF	W12 x 79 A992/A36 Structural Beam Or Girder	184.36	32.84
		For Hot Dip Galvanizing, Add	*41.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.59*	
		For High Strength Low Alloy A588 Steel, Add	*36.87*	
		For Each Additional Top Copes >2, Add	*1.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.26*	
		For Skewed Or Sloped Connections, Add	*22.12*	
05 12 23 00-0315	LF	W12 x 72 A992/A36 Structural Beam Or Girder	171.97	32.48
		For Hot Dip Galvanizing, Add	*38.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.48*	
		For High Strength Low Alloy A588 Steel, Add	*34.39*	
		For Each Additional Top Copes >2, Add	*1.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.00*	
		For Skewed Or Sloped Connections, Add	*20.64*	
05 12 23 00-0316	LF	W12 x 65 A992/A36 Structural Beam Or Girder	159.69	32.13
		For Hot Dip Galvanizing, Add	*34.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.37*	
		For High Strength Low Alloy A588 Steel, Add	*31.94*	
		For Each Additional Top Copes >2, Add	*1.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-50.75*	
		For Skewed Or Sloped Connections, Add	*19.16*	
05 12 23 00-0317	LF	W12 x 58 A992/A36 Structural Beam Or Girder	147.31	31.65
		For Hot Dip Galvanizing, Add	*31.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.26*	
		For High Strength Low Alloy A588 Steel, Add	*29.46*	
		For Each Additional Top Copes >2, Add	*1.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.49*	
		For Skewed Or Sloped Connections, Add	*17.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0318	LF	W12 x 53 A992/A36 Structural Beam Or Girder	138.66	31.42
		For Hot Dip Galvanizing, Add	*29.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.48*	
		For High Strength Low Alloy A588 Steel, Add	*27.73*	
		For Each Additional Top Copes >2, Add	*1.05*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.50*	
		For Skewed Or Sloped Connections, Add	*16.64*	
05 12 23 00-0319	LF	W12 x 50 A992/A36 Structural Beam Or Girder	133.15	31.29
		For Hot Dip Galvanizing, Add	*27.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.98*	
		For High Strength Low Alloy A588 Steel, Add	*26.63*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.60*	
		For Skewed Or Sloped Connections, Add	*15.98*	
05 12 23 00-0320	LF	W12 x 45 A992/A36 Structural Beam Or Girder	124.51	31.06
		For Hot Dip Galvanizing, Add	*25.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.21*	
		For High Strength Low Alloy A588 Steel, Add	*24.90*	
		For Each Additional Top Copes >2, Add	*0.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.62*	
		For Skewed Or Sloped Connections, Add	*14.94*	
05 12 23 00-0321	LF	W12 x 40 A992/A36 Structural Beam Or Girder	107.46	23.08
		For Hot Dip Galvanizing, Add	*22.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.67*	
		For High Strength Low Alloy A588 Steel, Add	*21.49*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.92*	
		For Skewed Or Sloped Connections, Add	*12.90*	
05 12 23 00-0322	LF	W12 x 35 A992/A36 Structural Beam Or Girder	98.82	22.97
		For Hot Dip Galvanizing, Add	*20.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.89*	
		For High Strength Low Alloy A588 Steel, Add	*19.76*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.93*	
		For Skewed Or Sloped Connections, Add	*11.86*	
05 12 23 00-0323	LF	W12 x 30 A992/A36 Structural Beam Or Girder	89.87	22.61
		For Hot Dip Galvanizing, Add	*18.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.09*	
		For High Strength Low Alloy A588 Steel, Add	*17.97*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.85*	
		For Skewed Or Sloped Connections, Add	*10.78*	
05 12 23 00-0324	LF	W12 x 26 A992/A36 Structural Beam Or Girder	82.80	22.37
		For Hot Dip Galvanizing, Add	*16.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.45*	
		For High Strength Low Alloy A588 Steel, Add	*16.56*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.41*	
		For Skewed Or Sloped Connections, Add	*9.94*	
05 12 23 00-0325	LF	W12 x 22 A992/A36 Structural Beam Or Girder	75.92	22.14
		For Hot Dip Galvanizing, Add	*14.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.83*	
		For High Strength Low Alloy A588 Steel, Add	*15.18*	
		For Each Additional Top Copes >2, Add	*0.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.04*	
		For Skewed Or Sloped Connections, Add	*9.11*	
05 12 23 00-0326	LF	W12 x 19 A992/A36 Structural Beam Or Girder	70.52	22.01
		For Hot Dip Galvanizing, Add	*13.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.35*	
		For High Strength Low Alloy A588 Steel, Add	*14.10*	
		For Each Additional Top Copes >2, Add	*0.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.17*	
		For Skewed Or Sloped Connections, Add	*8.46*	
05 12 23 00-0327	LF	W12 x 16 A992/A36 Structural Beam Or Girder	65.20	21.65
		For Hot Dip Galvanizing, Add	*11.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.87*	
		For High Strength Low Alloy A588 Steel, Add	*13.04*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.34*	
		For Skewed Or Sloped Connections, Add	*7.82*	
05 12 23 00-0328	LF	W12 x 14 A992/A36 Structural Beam Or Girder	61.76	21.65
		For Hot Dip Galvanizing, Add	*10.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.56*	
		For High Strength Low Alloy A588 Steel, Add	*12.35*	
		For Each Additional Top Copes >2, Add	*0.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.15*	
		For Skewed Or Sloped Connections, Add	*7.41*	
05 12 23 00-0329	LF	W10 x 68 A992/A36 Structural Beam Or Girder	157.30	24.87
		For Hot Dip Galvanizing, Add	*36.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.16*	
		For High Strength Low Alloy A588 Steel, Add	*31.46*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.09*	
		For Skewed Or Sloped Connections, Add	*18.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0330	LF	W10 x 60 A992/A36 Structural Beam Or Girder	143.35	24.39
		For Hot Dip Galvanizing, Add	*32.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.90*	
		For High Strength Low Alloy A588 Steel, Add	*28.67*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.28*	
		For Skewed Or Sloped Connections, Add	*17.20*	
05 12 23 00-0331	LF	W10 x 54 A992/A36 Structural Beam Or Girder	132.64	23.92
		For Hot Dip Galvanizing, Add	*29.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.94*	
		For High Strength Low Alloy A588 Steel, Add	*26.53*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.59*	
		For Skewed Or Sloped Connections, Add	*15.92*	
05 12 23 00-0332	LF	W10 x 49 A992/A36 Structural Beam Or Girder	123.88	23.67
		For Hot Dip Galvanizing, Add	*27.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.15*	
		For High Strength Low Alloy A588 Steel, Add	*24.78*	
		For Each Additional Top Copes >2, Add	*0.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.58*	
		For Skewed Or Sloped Connections, Add	*14.87*	
05 12 23 00-0333	LF	W10 x 45 A992/A36 Structural Beam Or Girder	116.81	23.56
		For Hot Dip Galvanizing, Add	*25.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.51*	
		For High Strength Low Alloy A588 Steel, Add	*23.36*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.14*	
		For Skewed Or Sloped Connections, Add	*14.02*	
05 12 23 00-0334	LF	W10 x 39 A992/A36 Structural Beam Or Girder	106.29	23.08
		For Hot Dip Galvanizing, Add	*22.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.57*	
		For High Strength Low Alloy A588 Steel, Add	*21.26*	
		For Each Additional Top Copes >2, Add	*0.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.51*	
		For Skewed Or Sloped Connections, Add	*12.75*	
05 12 23 00-0335	LF	W10 x 33 A992/A36 Structural Beam Or Girder	95.77	22.73
		For Hot Dip Galvanizing, Add	*19.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.62*	
		For High Strength Low Alloy A588 Steel, Add	*19.15*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.88*	
		For Skewed Or Sloped Connections, Add	*11.49*	
05 12 23 00-0336	LF	W10 x 30 A992/A36 Structural Beam Or Girder	90.39	22.61
		For Hot Dip Galvanizing, Add	*18.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.14*	
		For High Strength Low Alloy A588 Steel, Add	*18.08*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.01*	
		For Skewed Or Sloped Connections, Add	*10.85*	
05 12 23 00-0337	LF	W10 x 26 A992/A36 Structural Beam Or Girder	83.51	22.48
		For Hot Dip Galvanizing, Add	*16.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.52*	
		For High Strength Low Alloy A588 Steel, Add	*16.70*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.64*	
		For Skewed Or Sloped Connections, Add	*10.02*	
05 12 23 00-0338	LF	W10 x 22 A992/A36 Structural Beam Or Girder	76.31	22.14
		For Hot Dip Galvanizing, Add	*14.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.87*	
		For High Strength Low Alloy A588 Steel, Add	*15.26*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.17*	
		For Skewed Or Sloped Connections, Add	*9.16*	
05 12 23 00-0339	LF	W10 x 19 A992/A36 Structural Beam Or Girder	71.11	22.01
		For Hot Dip Galvanizing, Add	*13.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.40*	
		For High Strength Low Alloy A588 Steel, Add	*14.22*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.37*	
		For Skewed Or Sloped Connections, Add	*8.53*	
05 12 23 00-0340	LF	W10 x 17 A992/A36 Structural Beam Or Girder	67.47	21.89
		For Hot Dip Galvanizing, Add	*12.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.07*	
		For High Strength Low Alloy A588 Steel, Add	*13.49*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.12*	
		For Skewed Or Sloped Connections, Add	*8.10*	
05 12 23 00-0341	LF	W10 x 15 A992/A36 Structural Beam Or Girder	64.03	21.65
		For Hot Dip Galvanizing, Add	*11.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.76*	
		For High Strength Low Alloy A588 Steel, Add	*12.81*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.93*	
		For Skewed Or Sloped Connections, Add	*7.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0342	LF	W10 x 12 A992/A36 Structural Beam Or Girder	58.83	21.65
		For Hot Dip Galvanizing, Add	*9.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.29*	
		For High Strength Low Alloy A588 Steel, Add	*11.77*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.13*	
		For Skewed Or Sloped Connections, Add	*7.06*	
05 12 23 00-0343	LF	W8 x 35 A992/A36 Structural Beam Or Girder	99.21	22.97
		For Hot Dip Galvanizing, Add	*20.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.93*	
		For High Strength Low Alloy A588 Steel, Add	*19.84*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.07*	
		For Skewed Or Sloped Connections, Add	*11.91*	
05 12 23 00-0344	LF	W8 x 31 A992/A36 Structural Beam Or Girder	92.15	22.61
		For Hot Dip Galvanizing, Add	*18.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.29*	
		For High Strength Low Alloy A588 Steel, Add	*18.43*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.63*	
		For Skewed Or Sloped Connections, Add	*11.06*	
05 12 23 00-0345	LF	W8 x 28 A992/A36 Structural Beam Or Girder	84.75	21.29
		For Hot Dip Galvanizing, Add	*17.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.63*	
		For High Strength Low Alloy A588 Steel, Add	*16.95*	
		For Each Additional Top Copes >2, Add	*0.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.25*	
		For Skewed Or Sloped Connections, Add	*10.17*	
05 12 23 00-0346	LF	W8 x 24 A992/A36 Structural Beam Or Girder	77.17	19.99
		For Hot Dip Galvanizing, Add	*15.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.95*	
		For High Strength Low Alloy A588 Steel, Add	*15.43*	
		For Each Additional Top Copes >2, Add	*0.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.82*	
		For Skewed Or Sloped Connections, Add	*9.26*	
05 12 23 00-0347	LF	W8 x 21 A992/A36 Structural Beam Or Girder	71.81	18.57
		For Hot Dip Galvanizing, Add	*14.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.46*	
		For High Strength Low Alloy A588 Steel, Add	*14.36*	
		For Each Additional Top Copes >2, Add	*0.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.15*	
		For Skewed Or Sloped Connections, Add	*8.62*	
05 12 23 00-0348	LF	W8 x 18 A992/A36 Structural Beam Or Girder	62.66	17.25
		For Hot Dip Galvanizing, Add	*12.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.64*	
		For High Strength Low Alloy A588 Steel, Add	*12.53*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.17*	
		For Skewed Or Sloped Connections, Add	*7.52*	
05 12 23 00-0349	LF	W8 x 10 A992/A36 Structural Beam Or Girder	37.04	12.37
		For Hot Dip Galvanizing, Add	*6.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.33*	
		For High Strength Low Alloy A588 Steel, Add	*7.41*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.00*	
		For Skewed Or Sloped Connections, Add	*4.44*	
05 12 23 00-0350	LF	W6 x 9 A992/A36 Structural Beam Or Girder	34.35	10.11
		For Hot Dip Galvanizing, Add	*6.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.09*	
		For High Strength Low Alloy A588 Steel, Add	*6.87*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.42*	
		For Skewed Or Sloped Connections, Add	*4.12*	

05 12 23 00-0351 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0133)*

Note: Includes material delivery and erection.

05 12 23 00-0352	LF	M14 x 18 A992/A36 Structural Steel	65.85	15.62
		For Hot Dip Galvanizing, Add	*13.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.17*	
05 12 23 00-0353	LF	M12 x 11.8 A992/A36 Structural Steel	46.99	13.82
		For Hot Dip Galvanizing, Add	*8.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.40*	
05 12 23 00-0354	LF	M10 x 9 A992/A36 Structural Steel	36.42	11.09
		For Hot Dip Galvanizing, Add	*6.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.28*	
05 12 23 00-0355	LF	M8 x 6.5 A992/A36 Structural Steel	26.31	8.01
		For Hot Dip Galvanizing, Add	*4.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*2.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.26*	
05 12 23 00-0356	LF	M6 x 20 A992/A36 Structural Steel	74.90	19.16
		For Hot Dip Galvanizing, Add	*15.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0357	LF	M6 x 4.4 A992/A36 Structural Steel	17.79	5.42
		For Hot Dip Galvanizing, Add	*3.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*1.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.56*	
05 12 23 00-0358	LF	M5 x 18.9 A992/A36 Structural Steel	72.03	19.16
		For Hot Dip Galvanizing, Add	*14.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.41*	
05 12 23 00-0359	LF	M4 x 13 A992/A36 Structural Steel	58.87	18.80
		For Hot Dip Galvanizing, Add	*10.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.77*	
05 12 23 00-0360		A992/A36 Structural Steel, S Shapes *(05 12 23 00-0133)*		
		Note: Includes material delivery and erection.		
05 12 23 00-0361	LF	S24 x 121 A992/A36 Structural Steel	397.65	79.15
		For Hot Dip Galvanizing, Add	*86.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*79.53*	
05 12 23 00-0362	LF	S24 x 106 A992/A36 Structural Steel	352.25	72.98
		For Hot Dip Galvanizing, Add	*76.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*70.45*	
05 12 23 00-0363	LF	S24 x 100 A992/A36 Structural Steel	336.17	72.47
		For Hot Dip Galvanizing, Add	*71.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.26*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.23*	
05 12 23 00-0364	LF	S24 x 90 A992/A36 Structural Steel	306.22	68.66
		For Hot Dip Galvanizing, Add	*64.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*61.24*	
05 12 23 00-0365	LF	S24 x 80 A992/A36 Structural Steel	275.61	64.25
		For Hot Dip Galvanizing, Add	*57.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*55.12*	
05 12 23 00-0366	LF	S20 x 96 A992/A36 Structural Steel	322.72	69.58
		For Hot Dip Galvanizing, Add	*68.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*64.54*	
05 12 23 00-0367	LF	S20 x 86 A992/A36 Structural Steel	292.60	65.61
		For Hot Dip Galvanizing, Add	*61.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*58.52*	
05 12 23 00-0368	LF	S20 x 75 A992/A36 Structural Steel	258.38	60.24
		For Hot Dip Galvanizing, Add	*53.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.68*	
05 12 23 00-0369	LF	S20 x 66 A992/A36 Structural Steel	230.35	55.79
		For Hot Dip Galvanizing, Add	*47.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.07*	
05 12 23 00-0370	LF	S18 x 70 A992/A36 Structural Steel	244.32	59.18
		For Hot Dip Galvanizing, Add	*50.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.86*	
05 12 23 00-0371	LF	S18 x 54.7 A992/A36 Structural Steel	193.51	48.67
		For Hot Dip Galvanizing, Add	*39.30*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.70*	
05 12 23 00-0372	LF	S15 x 50 A992/A36 Structural Steel	179.38	46.83
		For Hot Dip Galvanizing, Add	*35.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.88*	
05 12 23 00-0373	LF	S15 x 42.9 A992/A36 Structural Steel	156.17	42.29
		For Hot Dip Galvanizing, Add	*30.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.23*	
05 12 23 00-0374	LF	S12 x 50 A992/A36 Structural Steel	176.89	44.49
		For Hot Dip Galvanizing, Add	*35.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.38*	
05 12 23 00-0375	LF	S12 x 40.8 A992/A36 Structural Steel	146.37	38.22
		For Hot Dip Galvanizing, Add	*29.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.27*	
05 12 23 00-0376	LF	S12 x 35 A992/A36 Structural Steel	127.39	34.51
		For Hot Dip Galvanizing, Add	*25.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.48*	
05 12 23 00-0377	LF	S12 x 31.8 A992/A36 Structural Steel	117.52	33.00
		For Hot Dip Galvanizing, Add	*22.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.50*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0378	LF	S10 x 35 A992/A36 Structural Steel	129.34	36.33
		For Hot Dip Galvanizing, Add	*25.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.87*	
05 12 23 00-0379	LF	S10 x 25.4 A992/A36 Structural Steel	95.34	27.75
		For Hot Dip Galvanizing, Add	*18.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.07*	
05 12 23 00-0380	LF	S8 x 23 A992/A36 Structural Steel	86.34	25.12
		For Hot Dip Galvanizing, Add	*16.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.77*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.27*	
05 12 23 00-0381	LF	S8 x 18.4 A992/A36 Structural Steel	70.20	21.16
		For Hot Dip Galvanizing, Add	*13.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.04*	
05 12 23 00-0382	LF	S7 x 20 A992/A36 Structural Steel	76.30	23.00
		For Hot Dip Galvanizing, Add	*14.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.26*	
05 12 23 00-0383	LF	S7 x 15.3 A992/A36 Structural Steel	59.36	18.53
		For Hot Dip Galvanizing, Add	*10.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.87*	
05 12 23 00-0384	LF	S6 x 17.25 A992/A36 Structural Steel	66.09	20.09
		For Hot Dip Galvanizing, Add	*12.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.22*	
05 12 23 00-0385	LF	S6 x 12.5 A992/A36 Structural Steel	56.50	18.57
		For Hot Dip Galvanizing, Add	*10.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.30*	
05 12 23 00-0386	LF	S5 x 14.75 A992/A36 Structural Steel	60.27	18.91
		For Hot Dip Galvanizing, Add	*11.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.05*	
05 12 23 00-0387	LF	S5 x 10 A992/A36 Structural Steel	50.93	18.44
		For Hot Dip Galvanizing, Add	*8.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.19*	
05 12 23 00-0388	LF	S4 x 9.5 A992/A36 Structural Steel	49.48	18.44
		For Hot Dip Galvanizing, Add	*8.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.90*	
05 12 23 00-0389	LF	S4 x 7.7 A992/A36 Structural Steel	46.14	18.44
		For Hot Dip Galvanizing, Add	*7.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.23*	
05 12 23 00-0390	LF	S3 x 7.5 A992/A36 Structural Steel	45.82	18.44
		For Hot Dip Galvanizing, Add	*7.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.16*	
05 12 23 00-0391	LF	S3 x 5.7 A992/A36 Structural Steel	41.85	18.32
		For Hot Dip Galvanizing, Add	*6.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.77*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.37*	

05 12 23 00-0392 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0133)*

Note: Includes material delivery and erection.

05 12 23 00-0393	LF	HP14 x 117 A992/A36 Structural Steel	247.49	23.45
		For Hot Dip Galvanizing, Add	*61.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.50*	
05 12 23 00-0394	LF	HP14 x 102 A992/A36 Structural Steel	216.42	21.82
		For Hot Dip Galvanizing, Add	*53.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.28*	
05 12 23 00-0395	LF	HP14 x 89 A992/A36 Structural Steel	192.72	20.47
		For Hot Dip Galvanizing, Add	*47.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.54*	
05 12 23 00-0396	LF	HP14 x 73 A992/A36 Structural Steel	159.32	19.29
		For Hot Dip Galvanizing, Add	*38.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.86*	
05 12 23 00-0397	LF	HP13 x 100 A992/A36 Structural Steel	212.19	21.39
		For Hot Dip Galvanizing, Add	*52.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.44*	
05 12 23 00-0398	LF	HP13 x 87 A992/A36 Structural Steel	188.39	20.01
		For Hot Dip Galvanizing, Add	*46.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0399	LF	HP13 x 73 A992/A36 Structural Steel	159.32	19.29
		For Hot Dip Galvanizing, Add	*38.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.86*	
05 12 23 00-0400	LF	HP13 x 60 A992/A36 Structural Steel	134.77	18.49
		For Hot Dip Galvanizing, Add	*31.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.95*	
05 12 23 00-0401	LF	HP12 x 84 A992/A36 Structural Steel	177.50	21.10
		For Hot Dip Galvanizing, Add	*43.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.50*	
05 12 23 00-0402	LF	HP12 x 74 A992/A36 Structural Steel	156.70	19.90
		For Hot Dip Galvanizing, Add	*37.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.34*	
05 12 23 00-0403	LF	HP12 x 63 A992/A36 Structural Steel	134.78	18.30
		For Hot Dip Galvanizing, Add	*31.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.96*	
05 12 23 00-0404	LF	HP12 x 53 A992/A36 Structural Steel	123.52	17.40
		For Hot Dip Galvanizing, Add	*29.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.70*	
05 12 23 00-0405	LF	HP10 x 57 A992/A36 Structural Steel	130.16	17.85
		For Hot Dip Galvanizing, Add	*30.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.03*	
05 12 23 00-0406	LF	HP10 x 42 A992/A36 Structural Steel	107.07	16.73
		For Hot Dip Galvanizing, Add	*24.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.41*	
05 12 23 00-0407	LF	HP8 x 36 A992/A36 Structural Steel	92.97	15.78
		For Hot Dip Galvanizing, Add	*21.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.59*	

05 12 23 00-0408 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

05 12 23 00-0409 Angle Iron - L *(05 12 23 00-0408)*

05 12 23 00-0410 1/8" Thick *(05 12 23 00-0409)*

05 12 23 00-0411	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.75	1.60
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.47*	
		For 316 Stainless Steel, Add	*1.95*	
		For Galvanized Steel, Add	*0.38*	
		For Aluminum, Add	*0.11*	
		For 304 Stainless Steel, Add	*1.74*	
		For High Strength Steel (HSS), Add	*0.55*	
05 12 23 00-0412	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.19	1.81
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.54*	
		For 316 Stainless Steel, Add	*2.46*	
		For Galvanized Steel, Add	*0.48*	
		For Aluminum, Add	*0.14*	
		For 304 Stainless Steel, Add	*2.19*	
		For High Strength Steel (HSS), Add	*0.64*	
05 12 23 00-0413	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.62	2.01
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000, Deduct	*-0.61*	
		For 316 Stainless Steel, Add	*3.04*	
		For Galvanized Steel, Add	*0.59*	
		For Aluminum, Add	*0.17*	
		For 304 Stainless Steel, Add	*2.71*	
		For High Strength Steel (HSS), Add	*0.72*	
05 12 23 00-0414	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.06	2.23
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.67*	
		For 316 Stainless Steel, Add	*3.52*	
		For Galvanized Steel, Add	*0.68*	
		For Aluminum, Add	*0.20*	
		For 304 Stainless Steel, Add	*3.14*	
		For High Strength Steel (HSS), Add	*0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0415	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.49	2.40
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000, Deduct	*-0.74*	
		For 316 Stainless Steel, Add	*4.10*	
		For Galvanized Steel, Add	*0.79*	
		For Aluminum, Add	*0.23*	
		For 304 Stainless Steel, Add	*3.65*	
		For High Strength Steel (HSS), Add	*0.90*	
05 12 23 00-0416	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	5.39	2.83
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*5.18*	
		For Galvanized Steel, Add	*1.00*	
		For Aluminum, Add	*0.29*	
		For 304 Stainless Steel, Add	*4.62*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0417	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.39	2.83
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*5.18*	
		For Galvanized Steel, Add	*1.00*	
		For Aluminum, Add	*0.29*	
		For 304 Stainless Steel, Add	*4.62*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0418	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.47	3.39
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000, Deduct	*-1.05*	
		For 316 Stainless Steel, Add	*6.24*	
		For Galvanized Steel, Add	*1.21*	
		For Aluminum, Add	*0.35*	
		For 304 Stainless Steel, Add	*5.56*	
		For High Strength Steel (HSS), Add	*1.29*	
05 12 23 00-0419	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	8.80	4.60
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.43*	
		For 316 Stainless Steel, Add	*8.51*	
		For Galvanized Steel, Add	*1.65*	
		For Aluminum, Add	*0.48*	
		For 304 Stainless Steel, Add	*7.58*	
		For High Strength Steel (HSS), Add	*1.76*	

05 12 23 00-0420 3/16" Thick *(05 12 23 00-0409)*

05 12 23 00-0421	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.36	2.99
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-0.97*	
		For 316 Stainless Steel, Add	*7.62*	
		For Galvanized Steel, Add	*1.48*	
		For Aluminum, Add	*0.43*	
		For 304 Stainless Steel, Add	*6.78*	
		For High Strength Steel (HSS), Add	*1.27*	
05 12 23 00-0422	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.36	2.99
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-0.97*	
		For 316 Stainless Steel, Add	*7.62*	
		For Galvanized Steel, Add	*1.48*	
		For Aluminum, Add	*0.43*	
		For 304 Stainless Steel, Add	*6.78*	
		For High Strength Steel (HSS), Add	*1.27*	
05 12 23 00-0423	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.16	3.21
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.07*	
		For 316 Stainless Steel, Add	*9.25*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*0.52*	
		For 304 Stainless Steel, Add	*8.24*	
		For High Strength Steel (HSS), Add	*1.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0424	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.51	3.44
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.21*	
		For 316 Stainless Steel, Add	*12.58*	
		For Galvanized Steel, Add	*2.44*	
		For Aluminum, Add	*0.71*	
		For 304 Stainless Steel, Add	*11.20*	
		For High Strength Steel (HSS), Add	*1.70*	
05 12 23 00-0425	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.33	3.68
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.31*	
		For 316 Stainless Steel, Add	*14.18*	
		For Galvanized Steel, Add	*2.75*	
		For Aluminum, Add	*0.80*	
		For 304 Stainless Steel, Add	*12.63*	
		For High Strength Steel (HSS), Add	*1.87*	
05 12 23 00-0426	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.20	3.94
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000, Deduct	*-1.42*	
		For 316 Stainless Steel, Add	*15.84*	
		For Galvanized Steel, Add	*3.07*	
		For Aluminum, Add	*0.89*	
		For 304 Stainless Steel, Add	*14.11*	
		For High Strength Steel (HSS), Add	*2.04*	
05 12 23 00-0427	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.19	3.94
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.42*	
		For 316 Stainless Steel, Add	*15.81*	
		For Galvanized Steel, Add	*3.06*	
		For Aluminum, Add	*0.89*	
		For 304 Stainless Steel, Add	*14.08*	
		For High Strength Steel (HSS), Add	*2.04*	
05 12 23 00-0428	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.26	4.35
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000, Deduct	*-1.57*	
		For 316 Stainless Steel, Add	*17.47*	
		For Galvanized Steel, Add	*3.39*	
		For Aluminum, Add	*0.98*	
		For 304 Stainless Steel, Add	*15.56*	
		For High Strength Steel (HSS), Add	*2.25*	
05 12 23 00-0429	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.32	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.72*	
		For 316 Stainless Steel, Add	*19.10*	
		For Galvanized Steel, Add	*3.70*	
		For Aluminum, Add	*1.07*	
		For 304 Stainless Steel, Add	*17.01*	
		For High Strength Steel (HSS), Add	*2.46*	

05 12 23 00-0430 1/4" Thick *(05 12 23 00-0409)*

05 12 23 00-0431	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.26	3.16
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000, Deduct	*-1.07*	
		For 316 Stainless Steel, Add	*9.76*	
		For Galvanized Steel, Add	*1.89*	
		For Aluminum, Add	*0.55*	
		For 304 Stainless Steel, Add	*8.69*	
		For High Strength Steel (HSS), Add	*1.45*	
05 12 23 00-0432	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.24	3.38
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000, Deduct	*-1.18*	
		For 316 Stainless Steel, Add	*11.94*	
		For Galvanized Steel, Add	*2.31*	
		For Aluminum, Add	*0.67*	
		For 304 Stainless Steel, Add	*10.63*	
		For High Strength Steel (HSS), Add	*1.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0433	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.93	3.60
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.35*	
		For 316 Stainless Steel, Add	*16.38*	
		For Galvanized Steel, Add	*3.17*	
		For Aluminum, Add	*0.92*	
		For 304 Stainless Steel, Add	*14.59*	
		For High Strength Steel (HSS), Add	*1.99*	
05 12 23 00-0434	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.15	3.99
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.50*	
		For 316 Stainless Steel, Add	*18.66*	
		For Galvanized Steel, Add	*3.61*	
		For Aluminum, Add	*1.05*	
		For 304 Stainless Steel, Add	*16.62*	
		For High Strength Steel (HSS), Add	*2.23*	
05 12 23 00-0435	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.42	4.37
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.66*	
		For 316 Stainless Steel, Add	*21.06*	
		For Galvanized Steel, Add	*4.08*	
		For Aluminum, Add	*1.18*	
		For 304 Stainless Steel, Add	*18.75*	
		For High Strength Steel (HSS), Add	*2.48*	
05 12 23 00-0436	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.42	4.37
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.66*	
		For 316 Stainless Steel, Add	*21.06*	
		For Galvanized Steel, Add	*4.08*	
		For Aluminum, Add	*1.18*	
		For 304 Stainless Steel, Add	*18.75*	
		For High Strength Steel (HSS), Add	*2.48*	
05 12 23 00-0437	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.72	4.86
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.84*	
		For 316 Stainless Steel, Add	*23.17*	
		For Galvanized Steel, Add	*4.49*	
		For Aluminum, Add	*1.30*	
		For 304 Stainless Steel, Add	*20.63*	
		For High Strength Steel (HSS), Add	*2.74*	
05 12 23 00-0438	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.99	5.34
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-2.01*	
		For 316 Stainless Steel, Add	*25.18*	
		For Galvanized Steel, Add	*4.88*	
		For Aluminum, Add	*1.42*	
		For 304 Stainless Steel, Add	*22.43*	
		For High Strength Steel (HSS), Add	*3.00*	
05 12 23 00-0439	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.32	5.74
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.58*	
		For >1,000, Deduct	*-2.18*	
		For 316 Stainless Steel, Add	*27.74*	
		For Galvanized Steel, Add	*5.38*	
		For Aluminum, Add	*1.56*	
		For 304 Stainless Steel, Add	*24.71*	
		For High Strength Steel (HSS), Add	*3.26*	
05 12 23 00-0440	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.33	0.59
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*29.89*	
		For Galvanized Steel, Add	*5.79*	
		For Aluminum, Add	*1.68*	
		For 304 Stainless Steel, Add	*26.62*	
		For High Strength Steel (HSS), Add	*3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0441	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.33	6.00
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*29.89*	
		For Galvanized Steel, Add	*5.79*	
		For Aluminum, Add	*1.68*	
		For 304 Stainless Steel, Add	*26.62*	
		For High Strength Steel (HSS), Add	*3.47*	
05 12 23 00-0442	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.28	6.25
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.41*	
		For 316 Stainless Steel, Add	*31.84*	
		For Galvanized Steel, Add	*6.17*	
		For Aluminum, Add	*1.79*	
		For 304 Stainless Steel, Add	*28.36*	
		For High Strength Steel (HSS), Add	*3.66*	
05 12 23 00-0443	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	19.30	6.51
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.53*	
		For 316 Stainless Steel, Add	*33.98*	
		For Galvanized Steel, Add	*6.58*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*30.27*	
		For High Strength Steel (HSS), Add	*3.86*	
05 12 23 00-0444	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.30	6.51
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.53*	
		For 316 Stainless Steel, Add	*33.98*	
		For Galvanized Steel, Add	*6.58*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*30.27*	
		For High Strength Steel (HSS), Add	*3.86*	
05 12 23 00-0445	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.39	6.86
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.67*	
		For 316 Stainless Steel, Add	*35.97*	
		For Galvanized Steel, Add	*6.97*	
		For Aluminum, Add	*2.02*	
		For 304 Stainless Steel, Add	*32.03*	
		For High Strength Steel (HSS), Add	*4.08*	
05 12 23 00-0446		5/16" Thick *(05 12 23 00-0409)*		
05 12 23 00-0447	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.43	4.64
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.29*	
		For >1,000, Deduct	*-1.78*	
		For 316 Stainless Steel, Add	*23.17*	
		For Galvanized Steel, Add	*4.49*	
		For Aluminum, Add	*1.30*	
		For 304 Stainless Steel, Add	*20.63*	
		For High Strength Steel (HSS), Add	*2.69*	
05 12 23 00-0448	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.61	4.92
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*25.76*	
		For Galvanized Steel, Add	*4.99*	
		For Aluminum, Add	*1.45*	
		For 304 Stainless Steel, Add	*22.94*	
		For High Strength Steel (HSS), Add	*2.92*	
05 12 23 00-0449	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.61	4.92
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*25.76*	
		For Galvanized Steel, Add	*4.99*	
		For Aluminum, Add	*1.45*	
		For 304 Stainless Steel, Add	*22.94*	
		For High Strength Steel (HSS), Add	*2.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0450	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.20	5.39
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.11*	
		For 316 Stainless Steel, Add	*28.83*	
		For Galvanized Steel, Add	*5.59*	
		For Aluminum, Add	*1.62*	
		For 304 Stainless Steel, Add	*25.68*	
		For High Strength Steel (HSS), Add	*3.24*	
05 12 23 00-0451	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.63	5.87
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*31.42*	
		For Galvanized Steel, Add	*6.09*	
		For Aluminum, Add	*1.77*	
		For 304 Stainless Steel, Add	*27.99*	
		For High Strength Steel (HSS), Add	*3.53*	
05 12 23 00-0452	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.83	6.16
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.76*	
		For >1,000, Deduct	*-2.44*	
		For 316 Stainless Steel, Add	*33.98*	
		For Galvanized Steel, Add	*6.58*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*30.27*	
		For High Strength Steel (HSS), Add	*3.77*	
05 12 23 00-0453	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	20.18	6.46
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For 316 Stainless Steel, Add	*36.99*	
		For Galvanized Steel, Add	*7.17*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*32.95*	
		For High Strength Steel (HSS), Add	*4.04*	
05 12 23 00-0454	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	20.18	6.46
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For 316 Stainless Steel, Add	*36.99*	
		For Galvanized Steel, Add	*7.17*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*32.95*	
		For High Strength Steel (HSS), Add	*4.04*	
05 12 23 00-0455	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.47	6.83
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.75*	
		For 316 Stainless Steel, Add	*39.55*	
		For Galvanized Steel, Add	*7.66*	
		For Aluminum, Add	*2.22*	
		For 304 Stainless Steel, Add	*35.23*	
		For High Strength Steel (HSS), Add	*4.29*	
05 12 23 00-0456	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.72	7.14
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.89*	
		For 316 Stainless Steel, Add	*42.24*	
		For Galvanized Steel, Add	*8.18*	
		For Aluminum, Add	*2.38*	
		For 304 Stainless Steel, Add	*37.62*	
		For High Strength Steel (HSS), Add	*4.54*	
05 12 23 00-0457	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.72	7.14
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.89*	
		For 316 Stainless Steel, Add	*42.24*	
		For Galvanized Steel, Add	*8.18*	
		For Aluminum, Add	*2.38*	
		For 304 Stainless Steel, Add	*37.62*	
		For High Strength Steel (HSS), Add	*4.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0458	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.88	7.44
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.03*	
		For 316 Stainless Steel, Add	*44.70*	
		For Galvanized Steel, Add	*8.66*	
		For Aluminum, Add	*2.51*	
		For 304 Stainless Steel, Add	*39.81*	
		For High Strength Steel (HSS), Add	*4.78*	
05 12 23 00-0459	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	26.91	7.75
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-3.31*	
		For 316 Stainless Steel, Add	*53.06*	
		For Galvanized Steel, Add	*10.28*	
		For Aluminum, Add	*2.98*	
		For 304 Stainless Steel, Add	*47.25*	
		For High Strength Steel (HSS), Add	*5.38*	
05 12 23 00-0460	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	26.50	8.07
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.47*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.33*	
		For 316 Stainless Steel, Add	*50.34*	
		For Galvanized Steel, Add	*9.75*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.83*	
		For High Strength Steel (HSS), Add	*5.30*	

05 12 23 00-0461 3/8" Thick *(05 12 23 00-0409)*

05 12 23 00-0462	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	16.33	5.15
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.08*	
		For 316 Stainless Steel, Add	*30.30*	
		For Galvanized Steel, Add	*5.87*	
		For Aluminum, Add	*1.70*	
		For 304 Stainless Steel, Add	*26.99*	
		For High Strength Steel (HSS), Add	*3.27*	
05 12 23 00-0463	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	18.06	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.28*	
		For 316 Stainless Steel, Add	*33.98*	
		For Galvanized Steel, Add	*6.58*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*30.27*	
		For High Strength Steel (HSS), Add	*3.61*	
05 12 23 00-0464	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.56	6.01
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.47*	
		For 316 Stainless Steel, Add	*36.99*	
		For Galvanized Steel, Add	*7.17*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*32.95*	
		For High Strength Steel (HSS), Add	*3.91*	
05 12 23 00-0465	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.94	6.17
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.60*	
		For 316 Stainless Steel, Add	*40.70*	
		For Galvanized Steel, Add	*7.89*	
		For Aluminum, Add	*2.29*	
		For 304 Stainless Steel, Add	*36.25*	
		For High Strength Steel (HSS), Add	*4.19*	
05 12 23 00-0466	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	22.33	6.51
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.76*	
		For 316 Stainless Steel, Add	*43.68*	
		For Galvanized Steel, Add	*8.46*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*38.90*	
		For High Strength Steel (HSS), Add	*4.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0467	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	22.33	6.51
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.76*	
		For 316 Stainless Steel, Add	*43.68*	
		For Galvanized Steel, Add	*8.46*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*38.90*	
		For High Strength Steel (HSS), Add	*4.47*	
05 12 23 00-0468	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	24.06	7.10
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.99*	
		For 316 Stainless Steel, Add	*46.75*	
		For Galvanized Steel, Add	*9.06*	
		For Aluminum, Add	*2.63*	
		For 304 Stainless Steel, Add	*41.64*	
		For High Strength Steel (HSS), Add	*4.81*	
05 12 23 00-0469	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	25.46	7.30
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.13*	
		For 316 Stainless Steel, Add	*50.34*	
		For Galvanized Steel, Add	*9.75*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.83*	
		For High Strength Steel (HSS), Add	*5.09*	
05 12 23 00-0470	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	25.85	7.59
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.20*	
		For 316 Stainless Steel, Add	*50.34*	
		For Galvanized Steel, Add	*9.75*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.83*	
		For High Strength Steel (HSS), Add	*5.17*	
05 12 23 00-0471	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	27.61	8.17
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000, Deduct	*-3.43*	
		For 316 Stainless Steel, Add	*53.44*	
		For Galvanized Steel, Add	*10.35*	
		For Aluminum, Add	*3.01*	
		For 304 Stainless Steel, Add	*47.60*	
		For High Strength Steel (HSS), Add	*5.52*	
05 12 23 00-0472	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	32.50	9.53
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.90*	
		For >1,000, Deduct	*-4.03*	
		For 316 Stainless Steel, Add	*63.36*	
		For Galvanized Steel, Add	*12.28*	
		For Aluminum, Add	*3.56*	
		For 304 Stainless Steel, Add	*56.43*	
		For High Strength Steel (HSS), Add	*6.50*	
05 12 23 00-0473	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	30.59	8.86
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000, Deduct	*-3.77*	
		For 316 Stainless Steel, Add	*60.10*	
		For Galvanized Steel, Add	*11.64*	
		For Aluminum, Add	*3.38*	
		For 304 Stainless Steel, Add	*53.52*	
		For High Strength Steel (HSS), Add	*6.12*	
05 12 23 00-0474	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	32.50	9.53
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.90*	
		For >1,000, Deduct	*-4.03*	
		For 316 Stainless Steel, Add	*63.36*	
		For Galvanized Steel, Add	*12.28*	
		For Aluminum, Add	*3.56*	
		For 304 Stainless Steel, Add	*56.43*	
		For High Strength Steel (HSS), Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0475	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	39.22	11.44
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.85*	
		For 316 Stainless Steel, Add	*76.74*	
		For Galvanized Steel, Add	*14.87*	
		For Aluminum, Add	*4.32*	
		For 304 Stainless Steel, Add	*68.34*	
		For High Strength Steel (HSS), Add	*7.84*	
05 12 23 00-0476	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	35.86	10.48
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-4.44*	
		For 316 Stainless Steel, Add	*70.02*	
		For Galvanized Steel, Add	*13.57*	
		For Aluminum, Add	*3.94*	
		For 304 Stainless Steel, Add	*62.36*	
		For High Strength Steel (HSS), Add	*7.17*	
05 12 23 00-0477		1/2" Thick *(05 12 23 00-0409)*		
05 12 23 00-0478	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	23.31	6.14
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.77*	
		For 316 Stainless Steel, Add	*48.42*	
		For Galvanized Steel, Add	*9.38*	
		For Aluminum, Add	*2.72*	
		For 304 Stainless Steel, Add	*43.12*	
		For High Strength Steel (HSS), Add	*4.66*	
05 12 23 00-0479	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	27.54	7.25
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.27*	
		For 316 Stainless Steel, Add	*57.18*	
		For Galvanized Steel, Add	*11.08*	
		For Aluminum, Add	*3.22*	
		For 304 Stainless Steel, Add	*50.93*	
		For High Strength Steel (HSS), Add	*5.51*	
05 12 23 00-0480	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	29.50	7.77
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-3.51*	
		For 316 Stainless Steel, Add	*61.28*	
		For Galvanized Steel, Add	*11.87*	
		For Aluminum, Add	*3.45*	
		For 304 Stainless Steel, Add	*54.58*	
		For High Strength Steel (HSS), Add	*5.90*	
05 12 23 00-0481	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	31.74	8.36
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000, Deduct	*-3.77*	
		For 316 Stainless Steel, Add	*65.92*	
		For Galvanized Steel, Add	*12.77*	
		For Aluminum, Add	*3.71*	
		For 304 Stainless Steel, Add	*58.71*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0482	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	31.74	8.36
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000, Deduct	*-3.77*	
		For 316 Stainless Steel, Add	*65.92*	
		For Galvanized Steel, Add	*12.77*	
		For Aluminum, Add	*3.71*	
		For 304 Stainless Steel, Add	*58.71*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0483	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	33.72	8.88
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.73*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-4.01*	
		For 316 Stainless Steel, Add	*70.05*	
		For Galvanized Steel, Add	*13.57*	
		For Aluminum, Add	*3.94*	
		For 304 Stainless Steel, Add	*62.39*	
		For High Strength Steel (HSS), Add	*6.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0484	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	40.17	10.57
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.78*	
		For 316 Stainless Steel, Add	*83.42*	
		For Galvanized Steel, Add	*16.16*	
		For Aluminum, Add	*4.69*	
		For 304 Stainless Steel, Add	*74.30*	
		For High Strength Steel (HSS), Add	*8.03*	
05 12 23 00-0485	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	40.17	10.57
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.78*	
		For 316 Stainless Steel, Add	*83.42*	
		For Galvanized Steel, Add	*16.16*	
		For Aluminum, Add	*4.69*	
		For 304 Stainless Steel, Add	*74.30*	
		For High Strength Steel (HSS), Add	*8.03*	
05 12 23 00-0486	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	48.60	12.79
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.49*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.78*	
		For 316 Stainless Steel, Add	*100.93*	
		For Galvanized Steel, Add	*19.55*	
		For Aluminum, Add	*5.68*	
		For 304 Stainless Steel, Add	*89.89*	
		For High Strength Steel (HSS), Add	*9.72*	
05 12 23 00-0487	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	44.37	11.68
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-5.27*	
		For 316 Stainless Steel, Add	*92.16*	
		For Galvanized Steel, Add	*17.86*	
		For Aluminum, Add	*5.18*	
		For 304 Stainless Steel, Add	*82.08*	
		For High Strength Steel (HSS), Add	*8.87*	
05 12 23 00-0488	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	48.60	12.79
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.49*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.78*	
		For 316 Stainless Steel, Add	*100.93*	
		For Galvanized Steel, Add	*19.55*	
		For Aluminum, Add	*5.68*	
		For 304 Stainless Steel, Add	*89.89*	
		For High Strength Steel (HSS), Add	*9.72*	
05 12 23 00-0489	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	57.04	15.02
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000, Deduct	*-6.78*	
		For 316 Stainless Steel, Add	*118.46*	
		For Galvanized Steel, Add	*22.95*	
		For Aluminum, Add	*6.66*	
		For 304 Stainless Steel, Add	*105.51*	
		For High Strength Steel (HSS), Add	*11.41*	
05 12 23 00-0490	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	65.46	17.24
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-3.36*	
		For >500 To 1,000, Deduct	*-5.57*	
		For >1,000, Deduct	*-7.78*	
		For 316 Stainless Steel, Add	*135.94*	
		For Galvanized Steel, Add	*26.34*	
		For Aluminum, Add	*7.65*	
		For 304 Stainless Steel, Add	*121.07*	
		For High Strength Steel (HSS), Add	*13.09*	
05 12 23 00-0491		5/8" Thick *(05 12 23 00-0409)*		
05 12 23 00-0492	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	38.04	9.58
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-4.45*	
		For 316 Stainless Steel, Add	*80.86*	
		For Galvanized Steel, Add	*15.67*	
		For Aluminum, Add	*4.55*	
		For High Strength Steel (HSS), Add	*7.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0493	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	40.72	10.25
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-2.04*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.76*	
		For 316 Stainless Steel, Add	*86.56*	
		For Galvanized Steel, Add	*16.77*	
		For Aluminum, Add	*4.87*	
		For High Strength Steel (HSS), Add	*8.14*	
05 12 23 00-0494	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	48.45	12.20
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000, Deduct	*-5.67*	
		For 316 Stainless Steel, Add	*102.98*	
		For Galvanized Steel, Add	*19.95*	
		For Aluminum, Add	*5.79*	
		For High Strength Steel (HSS), Add	*9.69*	
05 12 23 00-0495	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	48.45	12.20
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000, Deduct	*-5.67*	
		For 316 Stainless Steel, Add	*102.98*	
		For Galvanized Steel, Add	*19.95*	
		For Aluminum, Add	*5.79*	
		For High Strength Steel (HSS), Add	*9.69*	
05 12 23 00-0496	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	58.64	14.77
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.90*	
		For >1,000, Deduct	*-6.86*	
		For 316 Stainless Steel, Add	*124.64*	
		For Galvanized Steel, Add	*24.15*	
		For Aluminum, Add	*7.01*	
		For High Strength Steel (HSS), Add	*11.73*	
05 12 23 00-0497	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	53.54	13.49
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.69*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.26*	
		For 316 Stainless Steel, Add	*113.82*	
		For Galvanized Steel, Add	*22.05*	
		For Aluminum, Add	*6.40*	
		For High Strength Steel (HSS), Add	*10.71*	
05 12 23 00-0498	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	69.05	17.39
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-3.46*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000, Deduct	*-8.08*	
		For 316 Stainless Steel, Add	*146.78*	
		For Galvanized Steel, Add	*28.44*	
		For Aluminum, Add	*8.26*	
		For High Strength Steel (HSS), Add	*13.81*	
05 12 23 00-0499	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	79.23	19.95
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-3.98*	
		For >500 To 1,000, Deduct	*-6.62*	
		For >1,000, Deduct	*-9.27*	
		For 316 Stainless Steel, Add	*168.42*	
		For Galvanized Steel, Add	*32.63*	
		For Aluminum, Add	*9.47*	
		For High Strength Steel (HSS), Add	*15.85*	
05 12 23 00-0500		3/4" Thick *(05 12 23 00-0409)*		
05 12 23 00-0501	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	43.90	10.58
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.61*	
		For >1,000, Deduct	*-5.06*	
		For 316 Stainless Steel, Add	*95.33*	
		For Galvanized Steel, Add	*18.47*	
		For Aluminum, Add	*5.36*	
		For High Strength Steel (HSS), Add	*8.78*	
05 12 23 00-0502	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	46.96	11.33
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-2.31*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000, Deduct	*-5.41*	
		For 316 Stainless Steel, Add	*101.95*	
		For Galvanized Steel, Add	*19.75*	
		For Aluminum, Add	*5.73*	
		For High Strength Steel (HSS), Add	*9.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0503	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	55.98	13.51
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.75*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000, Deduct	*-6.45*	
		For 316 Stainless Steel, Add	*121.57*	
		For Galvanized Steel, Add	*23.55*	
		For Aluminum, Add	*6.84*	
		For High Strength Steel (HSS), Add	*11.20*	
05 12 23 00-0504	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	55.98	13.51
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.75*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000, Deduct	*-6.45*	
		For 316 Stainless Steel, Add	*121.57*	
		For Galvanized Steel, Add	*23.55*	
		For Aluminum, Add	*6.84*	
		For High Strength Steel (HSS), Add	*11.20*	
05 12 23 00-0505	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	68.08	16.41
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.59*	
		For >1,000, Deduct	*-7.84*	
		For 316 Stainless Steel, Add	*147.81*	
		For Galvanized Steel, Add	*28.64*	
		For Aluminum, Add	*8.31*	
		For High Strength Steel (HSS), Add	*13.62*	
05 12 23 00-0506	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	62.14	14.99
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-3.05*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-7.16*	
		For 316 Stainless Steel, Add	*134.91*	
		For Galvanized Steel, Add	*26.14*	
		For Aluminum, Add	*7.59*	
		For High Strength Steel (HSS), Add	*12.43*	
05 12 23 00-0507	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	68.08	16.41
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.59*	
		For >1,000, Deduct	*-7.84*	
		For 316 Stainless Steel, Add	*147.81*	
		For Galvanized Steel, Add	*28.64*	
		For Aluminum, Add	*8.31*	
		For High Strength Steel (HSS), Add	*13.62*	
05 12 23 00-0508	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	80.18	19.33
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.94*	
		For >500 To 1,000, Deduct	*-6.59*	
		For >1,000, Deduct	*-9.23*	
		For 316 Stainless Steel, Add	*174.11*	
		For Galvanized Steel, Add	*33.73*	
		For Aluminum, Add	*9.79*	
		For High Strength Steel (HSS), Add	*16.04*	
05 12 23 00-0509	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	92.27	22.25
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-7.58*	
		For >1,000, Deduct	*-10.63*	
		For 316 Stainless Steel, Add	*200.35*	
		For Galvanized Steel, Add	*38.82*	
		For Aluminum, Add	*11.27*	
		For High Strength Steel (HSS), Add	*18.45*	
05 12 23 00-0510		7/8" Thick *(05 12 23 00-0409)*		
05 12 23 00-0511	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	63.13	14.51
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-3.03*	
		For >500 To 1,000, Deduct	*-5.09*	
		For >1,000, Deduct	*-7.15*	
		For 316 Stainless Steel, Add	*140.06*	
		For Galvanized Steel, Add	*27.14*	
		For Aluminum, Add	*7.88*	
		For High Strength Steel (HSS), Add	*12.63*	
05 12 23 00-0512	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	63.13	14.51
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-3.03*	
		For >500 To 1,000, Deduct	*-5.09*	
		For >1,000, Deduct	*-7.15*	
		For 316 Stainless Steel, Add	*140.06*	
		For Galvanized Steel, Add	*27.14*	
		For Aluminum, Add	*7.88*	
		For High Strength Steel (HSS), Add	*12.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0513	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	76.84	17.67
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.69*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000, Deduct	*-8.71*	
		For 316 Stainless Steel, Add	*170.50*	
		For Galvanized Steel, Add	*33.03*	
		For Aluminum, Add	*9.59*	
		For High Strength Steel (HSS), Add	*15.37*	
05 12 23 00-0514	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	90.76	20.87
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-4.36*	
		For >500 To 1,000, Deduct	*-7.32*	
		For >1,000, Deduct	*-10.29*	
		For 316 Stainless Steel, Add	*201.38*	
		For Galvanized Steel, Add	*39.02*	
		For Aluminum, Add	*11.33*	
		For High Strength Steel (HSS), Add	*18.15*	
05 12 23 00-0515	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	104.44	24.03
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-5.01*	
		For >500 To 1,000, Deduct	*-8.42*	
		For >1,000, Deduct	*-11.84*	
		For 316 Stainless Steel, Add	*231.74*	
		For Galvanized Steel, Add	*44.90*	
		For Aluminum, Add	*13.04*	
		For High Strength Steel (HSS), Add	*20.89*	

05 12 23 00-0516 Bar Channel *(05 12 23 00-0408)*

05 12 23 00-0517	LF	1" x 1/2" x 1/8" Thick Bar Channel	4.96	
		For 316 Stainless Steel, Add	*5.60*	
		For Galvanized Steel, Add	*1.09*	
		For Aluminum, Add	*0.32*	
		For 304 Stainless Steel, Add	*4.99*	
		For High Strength Steel (HSS), Add	*0.99*	
05 12 23 00-0518	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.59	
		For 316 Stainless Steel, Add	*6.72*	
		For Galvanized Steel, Add	*1.30*	
		For Aluminum, Add	*0.38*	
		For 304 Stainless Steel, Add	*5.99*	
		For High Strength Steel (HSS), Add	*1.12*	
05 12 23 00-0519	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.09	
		For 316 Stainless Steel, Add	*7.42*	
		For Galvanized Steel, Add	*1.44*	
		For Aluminum, Add	*0.42*	
		For 304 Stainless Steel, Add	*6.61*	
		For High Strength Steel (HSS), Add	*1.22*	
05 12 23 00-0520	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	6.94	
		For 316 Stainless Steel, Add	*7.74*	
		For Galvanized Steel, Add	*1.50*	
		For Aluminum, Add	*0.44*	
		For 304 Stainless Steel, Add	*6.90*	
		For High Strength Steel (HSS), Add	*1.39*	
05 12 23 00-0521	LF	2" x 1/2" x 1/8" Thick Bar Channel	7.48	
		For 316 Stainless Steel, Add	*9.47*	
		For Galvanized Steel, Add	*1.84*	
		For Aluminum, Add	*0.53*	
		For 304 Stainless Steel, Add	*8.44*	
05 12 23 00-0522	LF	2" x 1" x 1/8" Thick Bar Channel	9.76	
		For 316 Stainless Steel, Add	*10.59*	
		For Galvanized Steel, Add	*2.05*	
		For Aluminum, Add	*0.60*	
		For 304 Stainless Steel, Add	*9.43*	

05 12 23 00-0523 Channels - C *(05 12 23 00-0408)*

05 12 23 00-0524	LF	C2 x 1.78 - 2" Wide Channel	8.11	3.98
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.27*	
		For 316 Stainless Steel, Add	*8.99*	
		For Galvanized Steel, Add	*1.74*	
		For Aluminum, Add	*0.51*	
		For 304 Stainless Steel, Add	*8.01*	
05 12 23 00-0525	LF	C3 x 4.1 - 3" Wide Channel	14.22	5.72
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.02*	
		For 316 Stainless Steel, Add	*21.12*	
		For Galvanized Steel, Add	*4.09*	
		For Aluminum, Add	*1.19*	
		For 304 Stainless Steel, Add	*18.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0526	LF	C3 x 5 - 3" Wide Channel	17.35	6.98
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.46*	
		For 316 Stainless Steel, Add	*25.76*	
		For Galvanized Steel, Add	*4.99*	
		For Aluminum, Add	*1.45*	
		For 304 Stainless Steel, Add	*22.94*	
05 12 23 00-0527	LF	C3 x 6 - 3" Wide Channel	20.83	8.37
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-2.96*	
		For 316 Stainless Steel, Add	*30.91*	
		For Galvanized Steel, Add	*5.99*	
		For Aluminum, Add	*1.74*	
		For 304 Stainless Steel, Add	*27.53*	
05 12 23 00-0528	LF	C4 x 5.4 - 4" Wide Channel	17.84	6.86
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.48*	
		For 316 Stainless Steel, Add	*27.81*	
		For Galvanized Steel, Add	*5.39*	
		For Aluminum, Add	*1.56*	
		For 304 Stainless Steel, Add	*24.77*	
05 12 23 00-0529	LF	C4 x 7.25 - 4" Wide Channel	23.96	9.21
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-3.33*	
		For 316 Stainless Steel, Add	*37.34*	
		For Galvanized Steel, Add	*7.24*	
		For Aluminum, Add	*2.10*	
		For 304 Stainless Steel, Add	*33.26*	
05 12 23 00-0530	LF	C5 x 6.7 - 5" Wide Channel	21.45	8.00
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-2.94*	
		For 316 Stainless Steel, Add	*34.50*	
		For Galvanized Steel, Add	*6.68*	
		For Aluminum, Add	*1.94*	
		For 304 Stainless Steel, Add	*30.72*	
05 12 23 00-0531	LF	C5 x 9 - 5" Wide Channel	28.81	10.75
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.95*	
		For 316 Stainless Steel, Add	*46.34*	
		For Galvanized Steel, Add	*8.98*	
		For Aluminum, Add	*2.61*	
		For 304 Stainless Steel, Add	*41.27*	
05 12 23 00-0532	LF	C6 x 8.2 - 6" Wide Channel	26.01	9.61
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000, Deduct	*-3.55*	
		For 316 Stainless Steel, Add	*42.24*	
		For Galvanized Steel, Add	*8.18*	
		For Aluminum, Add	*2.38*	
		For 304 Stainless Steel, Add	*37.62*	
05 12 23 00-0533	LF	C6 x 10.5 - 6" Wide Channel	33.30	12.31
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000, Deduct	*-4.55*	
		For 316 Stainless Steel, Add	*54.08*	
		For Galvanized Steel, Add	*10.48*	
		For Aluminum, Add	*3.04*	
		For 304 Stainless Steel, Add	*48.17*	
05 12 23 00-0534	LF	C6 x 13 - 6" Wide Channel	41.23	15.23
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.55*	
		For >500 To 1,000, Deduct	*-4.09*	
		For >1,000, Deduct	*-5.63*	
		For 316 Stainless Steel, Add	*66.94*	
		For Galvanized Steel, Add	*12.97*	
		For Aluminum, Add	*3.77*	
		For 304 Stainless Steel, Add	*59.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0535	LF	C7 x 9.8 - 7" Wide Channel	31.02	11.44
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.92*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.23*	
		For 316 Stainless Steel, Add	*50.46*	
		For Galvanized Steel, Add	*9.78*	
		For Aluminum, Add	*2.84*	
		For 304 Stainless Steel, Add	*44.94*	
05 12 23 00-0536	LF	C7 x 12.25 - 7" Wide Channel	38.77	14.29
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-5.29*	
		For 316 Stainless Steel, Add	*63.07*	
		For Galvanized Steel, Add	*12.22*	
		For Aluminum, Add	*3.55*	
		For 304 Stainless Steel, Add	*56.17*	
05 12 23 00-0537	LF	C7 x 14.75 - 7" Wide Channel	46.70	17.22
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.89*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000, Deduct	*-6.37*	
		For 316 Stainless Steel, Add	*75.97*	
		For Galvanized Steel, Add	*14.72*	
		For Aluminum, Add	*4.27*	
		For 304 Stainless Steel, Add	*67.66*	
05 12 23 00-0538	LF	C8 x 11.5 - 8" Wide Channel	35.29	12.58
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.14*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-4.74*	
		For 316 Stainless Steel, Add	*59.23*	
		For Galvanized Steel, Add	*11.48*	
		For Aluminum, Add	*3.33*	
		For 304 Stainless Steel, Add	*52.75*	
05 12 23 00-0539	LF	C8 x 13.75 - 8" Wide Channel	42.19	15.05
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.56*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.67*	
		For 316 Stainless Steel, Add	*70.82*	
		For Galvanized Steel, Add	*13.72*	
		For Aluminum, Add	*3.98*	
		For 304 Stainless Steel, Add	*63.07*	
05 12 23 00-0540	LF	C8 x 18.75 - 8" Wide Channel	57.52	20.52
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.49*	
		For >500 To 1,000, Deduct	*-5.61*	
		For >1,000, Deduct	*-7.73*	
		For 316 Stainless Steel, Add	*96.54*	
		For Galvanized Steel, Add	*18.71*	
		For Aluminum, Add	*5.43*	
		For 304 Stainless Steel, Add	*85.98*	
05 12 23 00-0541	LF	C9 x 13.4 - 9" Wide Channel	41.11	14.67
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.49*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-5.53*	
		For 316 Stainless Steel, Add	*68.99*	
		For Galvanized Steel, Add	*13.37*	
		For Aluminum, Add	*3.88*	
		For 304 Stainless Steel, Add	*61.45*	
05 12 23 00-0542	LF	C9 x 15 - 9" Wide Channel	46.02	16.41
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.79*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-6.19*	
		For 316 Stainless Steel, Add	*77.25*	
		For Galvanized Steel, Add	*14.97*	
		For Aluminum, Add	*4.35*	
		For 304 Stainless Steel, Add	*68.80*	
05 12 23 00-0543	LF	C9 x 20 - 9" Wide Channel	61.36	21.88
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-5.99*	
		For >1,000, Deduct	*-8.25*	
		For 316 Stainless Steel, Add	*102.98*	
		For Galvanized Steel, Add	*19.95*	
		For Aluminum, Add	*5.79*	
		For 304 Stainless Steel, Add	*91.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0544	LF	C10 x 15.3 - 10" Wide Channel	46.94	16.73
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.31*	
		For 316 Stainless Steel, Add	*78.78*	
		For Galvanized Steel, Add	*15.26*	
		For Aluminum, Add	*4.43*	
		For 304 Stainless Steel, Add	*70.17*	
05 12 23 00-0545	LF	C10 x 20 - 10" Wide Channel	61.36	21.88
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-5.99*	
		For >1,000, Deduct	*-8.25*	
		For 316 Stainless Steel, Add	*102.98*	
		For Galvanized Steel, Add	*19.95*	
		For Aluminum, Add	*5.79*	
		For 304 Stainless Steel, Add	*91.71*	
05 12 23 00-0546	LF	C10 x 25 - 10" Wide Channel	76.70	27.35
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.65*	
		For >500 To 1,000, Deduct	*-7.48*	
		For >1,000, Deduct	*-10.31*	
		For 316 Stainless Steel, Add	*128.74*	
		For Galvanized Steel, Add	*24.94*	
		For Aluminum, Add	*7.24*	
		For 304 Stainless Steel, Add	*114.66*	
05 12 23 00-0547	LF	C10 x 30 - 10" Wide Channel	92.04	32.82
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.58*	
		For >500 To 1,000, Deduct	*-8.98*	
		For >1,000, Deduct	*-12.37*	
		For 316 Stainless Steel, Add	*154.50*	
		For Galvanized Steel, Add	*29.93*	
		For Aluminum, Add	*8.69*	
		For 304 Stainless Steel, Add	*137.60*	
05 12 23 00-0548	LF	C12 x 20.7 - 12" Wide Channel	63.51	22.65
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.85*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000, Deduct	*-8.54*	
		For 316 Stainless Steel, Add	*106.59*	
		For Galvanized Steel, Add	*20.65*	
		For Aluminum, Add	*6.00*	
		For 304 Stainless Steel, Add	*94.93*	
05 12 23 00-0549	LF	C12 x 25 - 12" Wide Channel	76.70	27.35
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.65*	
		For >500 To 1,000, Deduct	*-7.48*	
		For >1,000, Deduct	*-10.31*	
		For 316 Stainless Steel, Add	*128.74*	
		For Galvanized Steel, Add	*24.94*	
		For Aluminum, Add	*7.24*	
		For 304 Stainless Steel, Add	*114.66*	
05 12 23 00-0550	LF	C12 x 30 - 12" Wide Channel	92.04	32.82
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.58*	
		For >500 To 1,000, Deduct	*-8.98*	
		For >1,000, Deduct	*-12.37*	
		For 316 Stainless Steel, Add	*154.50*	
		For Galvanized Steel, Add	*29.93*	
		For Aluminum, Add	*8.69*	
		For 304 Stainless Steel, Add	*137.60*	
05 12 23 00-0551	LF	C15 x 33.9 - 15" Wide Channel	104.00	37.09
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.31*	
		For >500 To 1,000, Deduct	*-10.15*	
		For >1,000, Deduct	*-13.98*	
		For 316 Stainless Steel, Add	*174.56*	
		For Galvanized Steel, Add	*33.82*	
		For Aluminum, Add	*9.82*	
		For 304 Stainless Steel, Add	*155.47*	
05 12 23 00-0552	LF	C15 x 40 - 15" Wide Channel	122.72	43.76
		For >100 To 250, Deduct	*-4.38*	
		For >250 To 500, Deduct	*-7.44*	
		For >500 To 1,000, Deduct	*-11.97*	
		For >1,000, Deduct	*-16.50*	
		For 316 Stainless Steel, Add	*205.98*	
		For Galvanized Steel, Add	*39.91*	
		For Aluminum, Add	*11.59*	
		For 304 Stainless Steel, Add	*183.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0553	LF	C15 x 50 - 15" Wide Channel	153.40	54.70
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.31*	
		For >500 To 1,000, Deduct	*-14.96*	
		For >1,000, Deduct	*-20.62*	
		For 316 Stainless Steel, Add	*257.47*	
		For Galvanized Steel, Add	*49.89*	
		For Aluminum, Add	*14.48*	
		For 304 Stainless Steel, Add	*229.31*	
05 12 23 00-0554		Miscellaneous Channels - MC *(05 12 23 00-0408)*		
05 12 23 00-0555	LF	MC6 x 12 - 6" Wide Channel	38.06	14.06
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.36*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-5.20*	
		For 316 Stainless Steel, Add	*61.79*	
		For Galvanized Steel, Add	*11.97*	
		For Aluminum, Add	*3.48*	
		For 304 Stainless Steel, Add	*55.03*	
05 12 23 00-0556	LF	MC6 x 15.1 - 6" Wide Channel	47.89	17.69
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.97*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000, Deduct	*-6.54*	
		For 316 Stainless Steel, Add	*77.76*	
		For Galvanized Steel, Add	*15.07*	
		For Aluminum, Add	*4.37*	
		For 304 Stainless Steel, Add	*69.26*	
05 12 23 00-0557	LF	MC6 x 15.3 - 6" Wide Channel	48.52	17.92
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.01*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.63*	
		For 316 Stainless Steel, Add	*78.78*	
		For Galvanized Steel, Add	*15.26*	
		For Aluminum, Add	*4.43*	
		For 304 Stainless Steel, Add	*70.17*	
05 12 23 00-0558	LF	MC6 x 16.3 - 6" Wide Channel	51.70	19.09
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.20*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-7.06*	
		For 316 Stainless Steel, Add	*83.94*	
		For Galvanized Steel, Add	*16.26*	
		For Aluminum, Add	*4.72*	
		For 304 Stainless Steel, Add	*74.76*	
05 12 23 00-0559	LF	MC6 x 18 - 6" Wide Channel	57.09	21.09
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.54*	
		For >500 To 1,000, Deduct	*-5.67*	
		For >1,000, Deduct	*-7.80*	
		For 316 Stainless Steel, Add	*92.70*	
		For Galvanized Steel, Add	*17.96*	
		For Aluminum, Add	*5.21*	
		For 304 Stainless Steel, Add	*82.56*	
05 12 23 00-0560	LF	MC7 x 17.6 - 7" Wide Channel	55.71	20.55
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.45*	
		For >500 To 1,000, Deduct	*-5.52*	
		For >1,000, Deduct	*-7.60*	
		For 316 Stainless Steel, Add	*90.62*	
		For Galvanized Steel, Add	*17.56*	
		For Aluminum, Add	*5.10*	
		For 304 Stainless Steel, Add	*80.71*	
05 12 23 00-0561	LF	MC7 x 19.1 - 7" Wide Channel	60.47	22.30
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-3.74*	
		For >500 To 1,000, Deduct	*-6.00*	
		For >1,000, Deduct	*-8.25*	
		For 316 Stainless Steel, Add	*98.37*	
		For Galvanized Steel, Add	*19.06*	
		For Aluminum, Add	*5.53*	
		For 304 Stainless Steel, Add	*87.61*	
05 12 23 00-0562	LF	MC7 x 22.7 - 7" Wide Channel	71.86	26.50
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.45*	
		For >500 To 1,000, Deduct	*-7.13*	
		For >1,000, Deduct	*-9.81*	
		For 316 Stainless Steel, Add	*116.90*	
		For Galvanized Steel, Add	*22.65*	
		For Aluminum, Add	*6.58*	
		For 304 Stainless Steel, Add	*104.11*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0563	LF	MC8 x 8.5 - 8" Wide Channel	26.09	9.30
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.51*	
		For 316 Stainless Steel, Add	*43.78*	
		For Galvanized Steel, Add	*8.48*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*38.99*	
05 12 23 00-0564	LF	MC8 x 18.7 - 8" Wide Channel	57.37	20.46
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.48*	
		For >500 To 1,000, Deduct	*-5.60*	
		For >1,000, Deduct	*-7.71*	
		For 316 Stainless Steel, Add	*96.29*	
		For Galvanized Steel, Add	*18.66*	
		For Aluminum, Add	*5.42*	
		For 304 Stainless Steel, Add	*85.76*	
05 12 23 00-0565	LF	MC8 x 20 - 8" Wide Channel	61.36	21.88
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-5.99*	
		For >1,000, Deduct	*-8.25*	
		For 316 Stainless Steel, Add	*102.98*	
		For Galvanized Steel, Add	*19.95*	
		For Aluminum, Add	*5.79*	
		For 304 Stainless Steel, Add	*91.71*	
05 12 23 00-0566	LF	MC8 x 21.4 - 8" Wide Channel	65.67	23.42
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-3.98*	
		For >500 To 1,000, Deduct	*-6.41*	
		For >1,000, Deduct	*-8.83*	
		For 316 Stainless Steel, Add	*110.21*	
		For Galvanized Steel, Add	*21.35*	
		For Aluminum, Add	*6.20*	
		For 304 Stainless Steel, Add	*98.15*	
05 12 23 00-0567	LF	MC8 x 22.8 - 8" Wide Channel	69.94	24.95
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.24*	
		For >500 To 1,000, Deduct	*-6.82*	
		For >1,000, Deduct	*-9.40*	
		For 316 Stainless Steel, Add	*117.41*	
		For Galvanized Steel, Add	*22.75*	
		For Aluminum, Add	*6.60*	
		For 304 Stainless Steel, Add	*104.57*	
05 12 23 00-0568	LF	MC9 x 23.9 - 9" Wide Channel	73.33	26.15
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.45*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-9.86*	
		For 316 Stainless Steel, Add	*123.07*	
		For Galvanized Steel, Add	*23.85*	
		For Aluminum, Add	*6.92*	
		For 304 Stainless Steel, Add	*109.61*	
05 12 23 00-0569	LF	MC9 x 25.4 - 9" Wide Channel	77.92	27.79
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.73*	
		For >500 To 1,000, Deduct	*-7.60*	
		For >1,000, Deduct	*-10.48*	
		For 316 Stainless Steel, Add	*130.78*	
		For Galvanized Steel, Add	*25.34*	
		For Aluminum, Add	*7.36*	
		For 304 Stainless Steel, Add	*116.48*	
05 12 23 00-0570	LF	MC10 x 6.5 - 10" Wide Channel	19.95	7.11
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000, Deduct	*-2.68*	
		For 316 Stainless Steel, Add	*33.47*	
		For Galvanized Steel, Add	*6.49*	
		For Aluminum, Add	*1.88*	
		For 304 Stainless Steel, Add	*29.81*	
05 12 23 00-0571	LF	MC10 x 8.4 - 10" Wide Channel	25.77	9.19
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-3.46*	
		For 316 Stainless Steel, Add	*43.26*	
		For Galvanized Steel, Add	*8.38*	
		For Aluminum, Add	*2.43*	
		For 304 Stainless Steel, Add	*38.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0572	LF	MC10 x 21.9 - 10" Wide Channel	67.18	23.97
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-4.08*	
		For >500 To 1,000, Deduct	*-6.55*	
		For >1,000, Deduct	*-9.03*	
		For 316 Stainless Steel, Add	*112.77*	
		For Galvanized Steel, Add	*21.85*	
		For Aluminum, Add	*6.34*	
		For 304 Stainless Steel, Add	*100.43*	
05 12 23 00-0573	LF	MC10 x 24.9 - 10" Wide Channel	76.40	27.25
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.63*	
		For >500 To 1,000, Deduct	*-7.45*	
		For >1,000, Deduct	*-10.27*	
		For 316 Stainless Steel, Add	*128.22*	
		For Galvanized Steel, Add	*24.84*	
		For Aluminum, Add	*7.21*	
		For 304 Stainless Steel, Add	*114.20*	
05 12 23 00-0574	LF	MC10 x 25.3 - 10" Wide Channel	77.62	27.69
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 500, Deduct	*-4.71*	
		For >500 To 1,000, Deduct	*-7.57*	
		For >1,000, Deduct	*-10.44*	
		For 316 Stainless Steel, Add	*130.27*	
		For Galvanized Steel, Add	*25.24*	
		For Aluminum, Add	*7.33*	
		For 304 Stainless Steel, Add	*116.02*	
05 12 23 00-0575	LF	MC10 x 28.3 - 10" Wide Channel	86.83	30.96
		For >100 To 250, Deduct	*-3.10*	
		For >250 To 500, Deduct	*-5.27*	
		For >500 To 1,000, Deduct	*-8.47*	
		For >1,000, Deduct	*-11.67*	
		For 316 Stainless Steel, Add	*145.73*	
		For Galvanized Steel, Add	*28.23*	
		For Aluminum, Add	*8.20*	
		For 304 Stainless Steel, Add	*129.79*	
05 12 23 00-0576	LF	MC10 x 28.5 - 10" Wide Channel	87.44	31.19
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.30*	
		For >500 To 1,000, Deduct	*-8.53*	
		For >1,000, Deduct	*-11.76*	
		For 316 Stainless Steel, Add	*146.75*	
		For Galvanized Steel, Add	*28.43*	
		For Aluminum, Add	*8.25*	
		For 304 Stainless Steel, Add	*130.70*	
05 12 23 00-0577	LF	MC10 x 33.6 - 10" Wide Channel	103.09	36.76
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.25*	
		For >500 To 1,000, Deduct	*-10.06*	
		For >1,000, Deduct	*-13.86*	
		For 316 Stainless Steel, Add	*173.02*	
		For Galvanized Steel, Add	*33.52*	
		For Aluminum, Add	*9.73*	
		For 304 Stainless Steel, Add	*154.10*	
05 12 23 00-0578	LF	MC10 x 41.1 - 10" Wide Channel	126.09	44.97
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.65*	
		For >500 To 1,000, Deduct	*-12.30*	
		For >1,000, Deduct	*-16.95*	
		For 316 Stainless Steel, Add	*211.65*	
		For Galvanized Steel, Add	*41.01*	
		For Aluminum, Add	*11.91*	
		For 304 Stainless Steel, Add	*188.50*	
05 12 23 00-0579	LF	MC12 x 30.9 - 12" Wide Channel	94.81	33.81
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.75*	
		For >500 To 1,000, Deduct	*-9.25*	
		For >1,000, Deduct	*-12.75*	
		For 316 Stainless Steel, Add	*159.10*	
		For Galvanized Steel, Add	*30.83*	
		For Aluminum, Add	*8.95*	
		For 304 Stainless Steel, Add	*141.70*	
05 12 23 00-0580	LF	MC12 x 32.9 - 12" Wide Channel	100.94	35.99
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-6.12*	
		For >500 To 1,000, Deduct	*-9.85*	
		For >1,000, Deduct	*-13.57*	
		For 316 Stainless Steel, Add	*169.41*	
		For Galvanized Steel, Add	*32.82*	
		For Aluminum, Add	*9.53*	
		For 304 Stainless Steel, Add	*150.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0581	LF	MC12 x 35 - 12" Wide Channel	107.38	38.29
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.51*	
		For >500 To 1,000, Deduct	*-10.48*	
		For >1,000, Deduct	*-14.44*	
		For 316 Stainless Steel, Add	*180.22*	
		For Galvanized Steel, Add	*34.92*	
		For Aluminum, Add	*10.14*	
		For 304 Stainless Steel, Add	*160.51*	
05 12 23 00-0582	LF	MC12 x 37 - 12" Wide Channel	113.52	40.49
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.89*	
		For >500 To 1,000, Deduct	*-11.07*	
		For >1,000, Deduct	*-15.26*	
		For 316 Stainless Steel, Add	*190.53*	
		For Galvanized Steel, Add	*36.91*	
		For Aluminum, Add	*10.72*	
		For 304 Stainless Steel, Add	*169.69*	
05 12 23 00-0583	LF	MC12 x 40 - 12" Wide Channel	122.72	43.76
		For >100 To 250, Deduct	*-4.38*	
		For >250 To 500, Deduct	*-7.44*	
		For >500 To 1,000, Deduct	*-11.97*	
		For >1,000, Deduct	*-16.50*	
		For 316 Stainless Steel, Add	*205.98*	
		For Galvanized Steel, Add	*39.91*	
		For Aluminum, Add	*11.59*	
		For 304 Stainless Steel, Add	*183.45*	
05 12 23 00-0584	LF	MC12 x 45 - 12" Wide Channel	138.06	49.24
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.38*	
		For >500 To 1,000, Deduct	*-13.47*	
		For >1,000, Deduct	*-18.56*	
		For 316 Stainless Steel, Add	*231.71*	
		For Galvanized Steel, Add	*44.89*	
		For Aluminum, Add	*13.03*	
		For 304 Stainless Steel, Add	*206.37*	
05 12 23 00-0585	LF	MC12 x 50 - 12" Wide Channel	153.40	54.71
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.31*	
		For >500 To 1,000, Deduct	*-14.96*	
		For >1,000, Deduct	*-20.62*	
		For 316 Stainless Steel, Add	*257.47*	
		For Galvanized Steel, Add	*49.89*	
		For Aluminum, Add	*14.48*	
		For 304 Stainless Steel, Add	*229.31*	
05 12 23 00-0586	LF	MC13 x 31.8 - 13" Wide Channel	97.57	34.80
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-5.92*	
		For >500 To 1,000, Deduct	*-9.52*	
		For >1,000, Deduct	*-13.12*	
		For 316 Stainless Steel, Add	*163.74*	
		For Galvanized Steel, Add	*31.73*	
		For Aluminum, Add	*9.21*	
		For 304 Stainless Steel, Add	*145.83*	
05 12 23 00-0587	LF	MC13 x 35 - 13" Wide Channel	107.38	38.29
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.51*	
		For >500 To 1,000, Deduct	*-10.48*	
		For >1,000, Deduct	*-14.44*	
		For 316 Stainless Steel, Add	*180.22*	
		For Galvanized Steel, Add	*34.92*	
		For Aluminum, Add	*10.14*	
		For 304 Stainless Steel, Add	*160.51*	
05 12 23 00-0588	LF	MC13 x 40 - 13" Wide Channel	122.72	43.76
		For >100 To 250, Deduct	*-4.38*	
		For >250 To 500, Deduct	*-7.44*	
		For >500 To 1,000, Deduct	*-11.97*	
		For >1,000, Deduct	*-16.50*	
		For 316 Stainless Steel, Add	*205.98*	
		For Galvanized Steel, Add	*39.91*	
		For Aluminum, Add	*11.59*	
		For 304 Stainless Steel, Add	*183.45*	
05 12 23 00-0589	LF	MC13 x 50 - 13" Wide Channel	153.40	54.71
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.31*	
		For >500 To 1,000, Deduct	*-14.96*	
		For >1,000, Deduct	*-20.62*	
		For 316 Stainless Steel, Add	*257.47*	
		For Galvanized Steel, Add	*49.89*	
		For Aluminum, Add	*14.48*	
		For 304 Stainless Steel, Add	*229.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0590	LF	MC18 x 42.7 - 18" Wide Channel	131.00	46.72
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-7.95*	
		For >500 To 1,000, Deduct	*-12.78*	
		For >1,000, Deduct	*-17.61*	
		For 316 Stainless Steel, Add	*219.87*	
		For Galvanized Steel, Add	*42.60*	
		For Aluminum, Add	*12.37*	
		For 304 Stainless Steel, Add	*195.82*	
05 12 23 00-0591	LF	MC18 x 45.8 - 18" Wide Channel	140.51	50.12
		For >100 To 250, Deduct	*-5.01*	
		For >250 To 500, Deduct	*-8.52*	
		For >500 To 1,000, Deduct	*-13.71*	
		For >1,000, Deduct	*-18.89*	
		For 316 Stainless Steel, Add	*235.84*	
		For Galvanized Steel, Add	*45.69*	
		For Aluminum, Add	*13.27*	
		For 304 Stainless Steel, Add	*210.05*	
05 12 23 00-0592	LF	MC18 x 51.9 - 18" Wide Channel	159.24	56.79
		For >100 To 250, Deduct	*-5.68*	
		For >250 To 500, Deduct	*-9.66*	
		For >500 To 1,000, Deduct	*-15.53*	
		For >1,000, Deduct	*-21.41*	
		For 316 Stainless Steel, Add	*267.26*	
		For Galvanized Steel, Add	*51.78*	
		For Aluminum, Add	*15.03*	
		For 304 Stainless Steel, Add	*238.03*	
05 12 23 00-0593	LF	MC18 x 58 - 18" Wide Channel	177.94	63.45
		For >100 To 250, Deduct	*-6.35*	
		For >250 To 500, Deduct	*-10.79*	
		For >500 To 1,000, Deduct	*-17.36*	
		For >1,000, Deduct	*-23.92*	
		For 316 Stainless Steel, Add	*298.66*	
		For Galvanized Steel, Add	*57.86*	
		For Aluminum, Add	*16.80*	
		For 304 Stainless Steel, Add	*265.99*	
05 12 23 00-0594		Structural Bar Tees *(05 12 23 00-0409)*		
05 12 23 00-0595	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.18	2.91
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.87*	
		For 316 Stainless Steel, Add	*4.16*	
		For Galvanized Steel, Add	*0.81*	
		For Aluminum, Add	*0.23*	
		For 304 Stainless Steel, Add	*3.71*	
05 12 23 00-0596	LF	1" x 1" x 1/8" Structural Bar Tee	6.36	3.43
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000, Deduct	*-1.05*	
		For 316 Stainless Steel, Add	*5.70*	
		For Galvanized Steel, Add	*1.10*	
		For Aluminum, Add	*0.32*	
		For 304 Stainless Steel, Add	*5.07*	
05 12 23 00-0597	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.38	3.96
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.44*	
		For 316 Stainless Steel, Add	*16.32*	
		For Galvanized Steel, Add	*3.16*	
		For Aluminum, Add	*0.92*	
		For 304 Stainless Steel, Add	*14.54*	
05 12 23 00-0598	LF	2" x 2" x 1/4" Structural Bar Tee	14.51	5.18
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.95*	
		For 316 Stainless Steel, Add	*24.32*	
		For Galvanized Steel, Add	*4.71*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*21.66*	
05 12 23 00-0599	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.99	6.25
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.69*	
		For 316 Stainless Steel, Add	*43.68*	
		For Galvanized Steel, Add	*8.46*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*38.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0600	LF	3" x 3" x 3/8" Structural Bar Tee	27.05	8.00
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.42*	
		For >1,000, Deduct	*-3.36*	
		For 316 Stainless Steel, Add	*52.42*	
		For Galvanized Steel, Add	*10.16*	
		For Aluminum, Add	*2.95*	
		For 304 Stainless Steel, Add	*46.68*	
05 12 23 00-0601		Structural Zees *(05 12 23 00-0408)*		
05 12 23 00-0602	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	12.89	3.96
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.63*	
		For 316 Stainless Steel, Add	*24.35*	
		For Galvanized Steel, Add	*4.72*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*21.69*	
05 12 23 00-0603	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	24.50	4.73
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.63*	
		For 316 Stainless Steel, Add	*58.24*	
		For Galvanized Steel, Add	*11.28*	
		For Aluminum, Add	*3.28*	
		For 304 Stainless Steel, Add	*51.87*	
05 12 23 00-0604	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	29.40	5.34
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.10*	
		For 316 Stainless Steel, Add	*71.30*	
		For Galvanized Steel, Add	*13.81*	
		For Aluminum, Add	*4.01*	
		For 304 Stainless Steel, Add	*63.50*	
05 12 23 00-0605	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	39.65	6.10
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.99*	
		For 316 Stainless Steel, Add	*100.86*	
		For Galvanized Steel, Add	*19.54*	
		For Aluminum, Add	*5.67*	
		For 304 Stainless Steel, Add	*89.83*	
05 12 23 00-0606	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	51.51	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.97*	
		For 316 Stainless Steel, Add	*136.51*	
		For Galvanized Steel, Add	*26.45*	
		For Aluminum, Add	*7.68*	
		For 304 Stainless Steel, Add	*121.58*	
05 12 23 00-0607		Junior I-Beams *(05 12 23 00-0408)*		
05 12 23 00-0608	LF	3" Junior I-Beam, 2.9 LB/LF	17.65	5.72
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.64*	
		For >1,000, Deduct	*-2.28*	
		For 316 Stainless Steel, Add	*32.10*	
		For Galvanized Steel, Add	*6.22*	
		For Aluminum, Add	*1.81*	
		For 304 Stainless Steel, Add	*28.59*	
05 12 23 00-0609	LF	4" Junior I-Beam, 3.2 LB/LF	19.41	6.25
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.50*	
		For 316 Stainless Steel, Add	*35.42*	
		For Galvanized Steel, Add	*6.86*	
		For Aluminum, Add	*1.99*	
		For 304 Stainless Steel, Add	*31.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0610	LF	5" Junior I-Beam, 3.8 LB/LF	22.29	6.86
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000, Deduct	*-2.82*	
		For 316 Stainless Steel, Add	*42.05*	
		For Galvanized Steel, Add	*8.15*	
		For Aluminum, Add	*2.37*	
		For 304 Stainless Steel, Add	*37.45*	
05 12 23 00-0611	LF	6" Junior I-Beam, 4.4 LB/LF	25.18	7.47
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.26*	
		For >1,000, Deduct	*-3.13*	
		For 316 Stainless Steel, Add	*48.67*	
		For Galvanized Steel, Add	*9.43*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*43.35*	
05 12 23 00-0612	LF	7" Junior I-Beam, 5.5 LB/LF	29.69	8.00
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.56*	
		For 316 Stainless Steel, Add	*60.86*	
		For Galvanized Steel, Add	*11.79*	
		For Aluminum, Add	*3.42*	
		For 304 Stainless Steel, Add	*54.21*	
05 12 23 00-0613	LF	8" Junior I-Beam, 6.5 LB/LF	33.87	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000, Deduct	*-3.96*	
		For 316 Stainless Steel, Add	*71.94*	
		For Galvanized Steel, Add	*13.94*	
		For Aluminum, Add	*4.05*	
		For 304 Stainless Steel, Add	*64.07*	
05 12 23 00-0614	LF	10" Junior I-Beam, 9 LB/LF	44.13	9.76
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-2.08*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-4.94*	
		For 316 Stainless Steel, Add	*99.58*	
		For Galvanized Steel, Add	*19.29*	
		For Aluminum, Add	*5.60*	
		For 304 Stainless Steel, Add	*88.69*	
05 12 23 00-0615	LF	12" Junior I-Beam, 11.8 LB/LF	56.25	11.59
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.57*	
		For >500 To 1,000, Deduct	*-4.36*	
		For >1,000, Deduct	*-6.15*	
		For 316 Stainless Steel, Add	*130.56*	
		For Galvanized Steel, Add	*25.30*	
		For Aluminum, Add	*7.34*	
		For 304 Stainless Steel, Add	*116.28*	
05 12 23 00-0616		Round Stock *(05 12 23 00-0408)*		
05 12 23 00-0617	LF	1/4" Carbon Steel Rounds, ASTM A108	2.26	
		For 316 Stainless Steel, Add	*3.97*	
		For Galvanized Steel, Add	*0.77*	
		For Aluminum, Add	*0.22*	
		For 304 Stainless Steel, Add	*3.53*	
05 12 23 00-0618	LF	3/8" Carbon Steel Rounds, ASTM A108	3.61	
		For 316 Stainless Steel, Add	*7.84*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*0.44*	
		For 304 Stainless Steel, Add	*6.98*	
05 12 23 00-0619	LF	1/2" Carbon Steel Rounds, ASTM A108	5.00	
		For 316 Stainless Steel, Add	*11.94*	
		For Galvanized Steel, Add	*2.31*	
		For Aluminum, Add	*0.67*	
		For 304 Stainless Steel, Add	*10.63*	
05 12 23 00-0620	LF	5/8" Carbon Steel Rounds, ASTM A108	7.63	
		For 316 Stainless Steel, Add	*19.90*	
		For Galvanized Steel, Add	*3.86*	
		For Aluminum, Add	*1.12*	
		For 304 Stainless Steel, Add	*17.73*	
05 12 23 00-0621	LF	3/4" Carbon Steel Rounds, ASTM A108	9.08	
		For 316 Stainless Steel, Add	*23.65*	
		For Galvanized Steel, Add	*4.58*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*21.06*	
05 12 23 00-0622	LF	7/8" Carbon Steel Rounds, ASTM A108	10.60	
		For 316 Stainless Steel, Add	*27.65*	
		For Galvanized Steel, Add	*5.36*	
		For Aluminum, Add	*1.56*	
		For 304 Stainless Steel, Add	*24.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0623	LF	1" Carbon Steel Rounds, ASTM A108	15.47	
		For 316 Stainless Steel, Add	*42.11*	
		For Galvanized Steel, Add	*8.16*	
		For Aluminum, Add	*2.37*	
		For 304 Stainless Steel, Add	*37.51*	
05 12 23 00-0624	LF	1-1/8" Carbon Steel Rounds, ASTM A108	18.81	
		For 316 Stainless Steel, Add	*51.17*	
		For Galvanized Steel, Add	*9.91*	
		For Aluminum, Add	*2.88*	
		For 304 Stainless Steel, Add	*45.57*	
05 12 23 00-0625	LF	1-1/4" Carbon Steel Rounds, ASTM A108	22.45	
		For 316 Stainless Steel, Add	*60.22*	
		For Galvanized Steel, Add	*11.67*	
		For Aluminum, Add	*3.39*	
		For 304 Stainless Steel, Add	*53.64*	
05 12 23 00-0626	LF	1-3/8" Carbon Steel Rounds, ASTM A108	27.20	
		For 316 Stainless Steel, Add	*73.50*	
		For Galvanized Steel, Add	*14.24*	
		For Aluminum, Add	*4.13*	
		For 304 Stainless Steel, Add	*65.46*	
05 12 23 00-0627	LF	1-1/2" Carbon Steel Rounds, ASTM A108	30.27	
		For 316 Stainless Steel, Add	*80.61*	
		For Galvanized Steel, Add	*15.62*	
		For Aluminum, Add	*4.53*	
		For 304 Stainless Steel, Add	*71.79*	
05 12 23 00-0628	LF	1-5/8" Carbon Steel Rounds, ASTM A108	34.90	
		For 316 Stainless Steel, Add	*91.36*	
		For Galvanized Steel, Add	*17.70*	
		For Aluminum, Add	*5.14*	
		For 304 Stainless Steel, Add	*81.37*	
05 12 23 00-0629	LF	1-3/4" Carbon Steel Rounds, ASTM A108	41.70	
		For 316 Stainless Steel, Add	*106.30*	
		For Galvanized Steel, Add	*20.60*	
		For Aluminum, Add	*5.98*	
		For 304 Stainless Steel, Add	*94.68*	
05 12 23 00-0630	LF	1-7/8" Carbon Steel Rounds, ASTM A108	50.11	
		For 316 Stainless Steel, Add	*124.54*	
		For Galvanized Steel, Add	*24.13*	
		For Aluminum, Add	*7.01*	
		For 304 Stainless Steel, Add	*110.92*	
05 12 23 00-0631	LF	2" Carbon Steel Rounds, ASTM A108	57.20	
		For 316 Stainless Steel, Add	*138.53*	
		For Galvanized Steel, Add	*26.84*	
		For Aluminum, Add	*7.79*	
		For 304 Stainless Steel, Add	*123.38*	
05 12 23 00-0632	LF	2-1/8" Carbon Steel Rounds, ASTM A108	66.72	
		For 316 Stainless Steel, Add	*158.21*	
		For Galvanized Steel, Add	*30.65*	
		For Aluminum, Add	*8.90*	
		For 304 Stainless Steel, Add	*140.90*	
05 12 23 00-0633	LF	2-1/4" Carbon Steel Rounds, ASTM A108	75.46	
		For 316 Stainless Steel, Add	*177.89*	
		For Galvanized Steel, Add	*34.47*	
		For Aluminum, Add	*10.01*	
		For 304 Stainless Steel, Add	*158.43*	
05 12 23 00-0634	LF	2-3/8" Carbon Steel Rounds, ASTM A108	86.43	
		For 316 Stainless Steel, Add	*203.46*	
		For Galvanized Steel, Add	*39.42*	
		For Aluminum, Add	*11.44*	
		For 304 Stainless Steel, Add	*181.20*	
05 12 23 00-0635	LF	2-1/2" Carbon Steel Rounds, ASTM A108	95.34	
		For 316 Stainless Steel, Add	*219.26*	
		For Galvanized Steel, Add	*42.48*	
		For Aluminum, Add	*12.33*	
		For 304 Stainless Steel, Add	*195.28*	
05 12 23 00-0636	LF	2-5/8" Carbon Steel Rounds, ASTM A108	116.85	
		For 316 Stainless Steel, Add	*278.53*	
		For Galvanized Steel, Add	*53.96*	
		For Aluminum, Add	*15.67*	
		For 304 Stainless Steel, Add	*248.06*	
05 12 23 00-0637	LF	2-3/4" Carbon Steel Rounds, ASTM A108	133.04	
		For 316 Stainless Steel, Add	*317.63*	
		For Galvanized Steel, Add	*61.54*	
		For Aluminum, Add	*17.87*	
		For 304 Stainless Steel, Add	*282.89*	
05 12 23 00-0638	LF	2-7/8 Carbon Steel Rounds, ASTM A108	148.37	
		For 316 Stainless Steel, Add	*353.95*	
		For Galvanized Steel, Add	*68.58*	
		For Aluminum, Add	*19.91*	
		For 304 Stainless Steel, Add	*315.24*	
05 12 23 00-0639	LF	3" Carbon Steel Rounds, ASTM A108	155.66	
		For 316 Stainless Steel, Add	*364.54*	
		For Galvanized Steel, Add	*70.63*	
		For Aluminum, Add	*20.51*	
		For 304 Stainless Steel, Add	*324.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0640	LF	3-1/8" Carbon Steel Rounds, ASTM A108	162.16	
		For 316 Stainless Steel, Add	*372.64*	
		For Galvanized Steel, Add	*72.20*	
		For Aluminum, Add	*20.96*	
		For 304 Stainless Steel, Add	*331.88*	
05 12 23 00-0641	LF	3-1/4" Carbon Steel Rounds, ASTM A108	170.88	
		For 316 Stainless Steel, Add	*387.84*	
		For Galvanized Steel, Add	*75.14*	
		For Aluminum, Add	*21.82*	
		For 304 Stainless Steel, Add	*345.42*	
05 12 23 00-0642	LF	3-1/2" Carbon Steel Rounds, ASTM A108	208.44	
		For 316 Stainless Steel, Add	*492.13*	
		For Galvanized Steel, Add	*95.35*	
		For Aluminum, Add	*27.68*	
		For 304 Stainless Steel, Add	*438.30*	
05 12 23 00-0643	LF	3-5/8" Carbon Steel Rounds, ASTM A108	231.66	
		For 316 Stainless Steel, Add	*550.53*	
		For Galvanized Steel, Add	*106.66*	
		For Aluminum, Add	*30.97*	
		For 304 Stainless Steel, Add	*490.31*	
05 12 23 00-0644	LF	3-3/4" Carbon Steel Rounds, ASTM A108	248.61	
		For 316 Stainless Steel, Add	*588.90*	
		For Galvanized Steel, Add	*114.10*	
		For Aluminum, Add	*33.13*	
		For 304 Stainless Steel, Add	*524.49*	
05 12 23 00-0645	LF	4" Carbon Steel Rounds, ASTM A108	279.07	
		For 316 Stainless Steel, Add	*670.46*	
		For Galvanized Steel, Add	*129.90*	
		For Aluminum, Add	*37.71*	
		For 304 Stainless Steel, Add	*597.13*	

05 12 23 00-0646 Square Stock *(05 12 23 00-0408)*

05 12 23 00-0647	LF	3/8" Square Bar Stock	1.93	
		For 316 Stainless Steel, Add	*2.46*	
		For Galvanized Steel, Add	*0.48*	
		For Aluminum, Add	*0.14*	
		For 304 Stainless Steel, Add	*2.19*	
05 12 23 00-0648	LF	1/2" Square Bar Stock	2.63	
		For 316 Stainless Steel, Add	*4.35*	
		For Galvanized Steel, Add	*0.84*	
		For Aluminum, Add	*0.24*	
		For 304 Stainless Steel, Add	*3.88*	
05 12 23 00-0649	LF	5/8" Square Bar Stock	3.53	
		For 316 Stainless Steel, Add	*6.78*	
		For Galvanized Steel, Add	*1.31*	
		For Aluminum, Add	*0.38*	
		For 304 Stainless Steel, Add	*6.04*	
05 12 23 00-0650	LF	3/4" Square Bar Stock	4.75	
		For 316 Stainless Steel, Add	*9.79*	
		For Galvanized Steel, Add	*1.90*	
		For Aluminum, Add	*0.55*	
		For 304 Stainless Steel, Add	*8.72*	
05 12 23 00-0651	LF	7/8" Square Bar Stock	6.23	
		For 316 Stainless Steel, Add	*13.66*	
		For Galvanized Steel, Add	*2.65*	
		For Aluminum, Add	*0.77*	
		For 304 Stainless Steel, Add	*12.17*	
05 12 23 00-0652	LF	1" Square Bar Stock	7.77	
		For 316 Stainless Steel, Add	*17.47*	
		For Galvanized Steel, Add	*3.39*	
		For Aluminum, Add	*0.98*	
		For 304 Stainless Steel, Add	*15.56*	
05 12 23 00-0653	LF	1-1/4" Square Bar Stock	12.15	
		For 316 Stainless Steel, Add	*27.26*	
		For Galvanized Steel, Add	*5.28*	
		For Aluminum, Add	*1.53*	
		For 304 Stainless Steel, Add	*24.28*	
05 12 23 00-0654	LF	1-1/2" Square Bar Stock	17.36	
		For 316 Stainless Steel, Add	*39.30*	
		For Galvanized Steel, Add	*7.61*	
		For Aluminum, Add	*2.21*	
		For 304 Stainless Steel, Add	*35.00*	
05 12 23 00-0655	LF	1-3/4" Square Bar Stock	25.55	
		For 316 Stainless Steel, Add	*54.62*	
		For Galvanized Steel, Add	*10.58*	
		For Aluminum, Add	*3.07*	
		For 304 Stainless Steel, Add	*48.65*	
05 12 23 00-0656	LF	2" Square Bar Stock	36.06	
		For 316 Stainless Steel, Add	*69.86*	
		For Galvanized Steel, Add	*13.53*	
		For Aluminum, Add	*3.93*	
		For 304 Stainless Steel, Add	*62.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0657		Steel Tubing *(05 12 23 00-0408)* Note: General purpose low-carbon steel.		
05 12 23 00-0658		Square Steel Tubing *(05 12 23 00-0657)*		
05 12 23 00-0659		0.06" Wall Thickness *(05 12 23 00-0658)*		
05 12 23 00-0660	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.74	0.54
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*6.43*	
		For Galvanized Steel, Add	*1.25*	
		For Aluminum, Add	*0.36*	
		For 304 Stainless Steel, Add	*5.73*	
05 12 23 00-0661	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	4.21	0.86
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.33*	
		For >1,000, Deduct	*-0.46*	
		For 316 Stainless Steel, Add	*9.79*	
		For Galvanized Steel, Add	*1.90*	
		For Aluminum, Add	*0.55*	
		For 304 Stainless Steel, Add	*8.72*	
05 12 23 00-0662	LF	1" x 1" x 0.06" Square Steel Tubing	5.65	1.56
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000, Deduct	*-0.62*	
		For 316 Stainless Steel, Add	*13.09*	
		For Galvanized Steel, Add	*2.54*	
		For Aluminum, Add	*0.74*	
		For 304 Stainless Steel, Add	*11.66*	
05 12 23 00-0663	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.48	1.48
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.81*	
		For 316 Stainless Steel, Add	*17.60*	
		For Galvanized Steel, Add	*3.41*	
		For Aluminum, Add	*0.99*	
		For 304 Stainless Steel, Add	*15.68*	
05 12 23 00-0664	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.85	1.79
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000, Deduct	*-0.96*	
		For 316 Stainless Steel, Add	*20.67*	
		For Galvanized Steel, Add	*4.01*	
		For Aluminum, Add	*1.16*	
		For 304 Stainless Steel, Add	*18.41*	
05 12 23 00-0665		0.083" Wall Thickness *(05 12 23 00-0658)*		
05 12 23 00-0666	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	4.89	1.01
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.38*	
		For >1,000, Deduct	*-0.53*	
		For 316 Stainless Steel, Add	*11.36*	
		For Galvanized Steel, Add	*2.20*	
		For Aluminum, Add	*0.64*	
		For 304 Stainless Steel, Add	*10.12*	
05 12 23 00-0667	LF	1" x 1" x 0.083" Square Steel Tubing	7.14	1.38
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000, Deduct	*-0.77*	
		For 316 Stainless Steel, Add	*16.96*	
		For Galvanized Steel, Add	*3.29*	
		For Aluminum, Add	*0.95*	
		For 304 Stainless Steel, Add	*15.11*	
05 12 23 00-0668	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.61	1.75
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.94*	
		For 316 Stainless Steel, Add	*20.03*	
		For Galvanized Steel, Add	*3.88*	
		For Aluminum, Add	*1.13*	
		For 304 Stainless Steel, Add	*17.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0669	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.40	2.14
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.14*	
		For 316 Stainless Steel, Add	*24.16*	
		For Galvanized Steel, Add	*4.68*	
		For Aluminum, Add	*1.36*	
		For 304 Stainless Steel, Add	*21.52*	
05 12 23 00-0670	LF	2" x 2" x 0.083" Square Steel Tubing	13.31	2.85
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.47*	
		For 316 Stainless Steel, Add	*30.43*	
		For Galvanized Steel, Add	*5.90*	
		For Aluminum, Add	*1.71*	
		For 304 Stainless Steel, Add	*27.10*	
05 12 23 00-0671		0.12" Wall Thickness *(05 12 23 00-0658)*		
05 12 23 00-0672	LF	1" x 1" x 0.12" Square Steel Tubing	7.85	1.64
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.86*	
		For 316 Stainless Steel, Add	*18.08*	
		For Galvanized Steel, Add	*3.50*	
		For Aluminum, Add	*1.02*	
		For 304 Stainless Steel, Add	*16.10*	
05 12 23 00-0673	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	10.10	2.11
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.11*	
		For 316 Stainless Steel, Add	*23.33*	
		For Galvanized Steel, Add	*4.52*	
		For Aluminum, Add	*1.31*	
		For 304 Stainless Steel, Add	*20.78*	
05 12 23 00-0674	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	12.41	2.58
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.36*	
		For 316 Stainless Steel, Add	*28.70*	
		For Galvanized Steel, Add	*5.56*	
		For Aluminum, Add	*1.61*	
		For 304 Stainless Steel, Add	*25.56*	
05 12 23 00-0675	LF	2" x 2" x 0.12" Square Steel Tubing	16.80	3.51
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.85*	
		For 316 Stainless Steel, Add	*38.75*	
		For Galvanized Steel, Add	*7.51*	
		For Aluminum, Add	*2.18*	
		For 304 Stainless Steel, Add	*34.51*	
05 12 23 00-0676		1/8" Wall Thickness *(05 12 23 00-0658)*		
05 12 23 00-0677	LF	2" x 2" x 1/8" Square Steel Tubing	14.96	3.65
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.73*	
		For 316 Stainless Steel, Add	*32.29*	
		For Galvanized Steel, Add	*6.26*	
		For Aluminum, Add	*1.82*	
		For 304 Stainless Steel, Add	*28.76*	
05 12 23 00-0678	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.79	4.63
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000, Deduct	*-2.25*	
		For 316 Stainless Steel, Add	*43.62*	
		For Galvanized Steel, Add	*8.45*	
		For Aluminum, Add	*2.45*	
		For 304 Stainless Steel, Add	*38.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0679	LF	3" x 3" x 1/8" Square Steel Tubing	23.14	5.59
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.90*	
		For >1,000, Deduct	*-2.67*	
		For 316 Stainless Steel, Add	*50.18*	
		For Galvanized Steel, Add	*9.72*	
		For Aluminum, Add	*2.82*	
		For 304 Stainless Steel, Add	*44.69*	
05 12 23 00-0680	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	26.79	6.57
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.10*	
		For 316 Stainless Steel, Add	*57.70*	
		For Galvanized Steel, Add	*11.18*	
		For Aluminum, Add	*3.25*	
		For 304 Stainless Steel, Add	*51.39*	
05 12 23 00-0681	LF	4" x 4" x 1/8" Square Steel Tubing	29.42	7.54
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.46*	
		For 316 Stainless Steel, Add	*61.95*	
		For Galvanized Steel, Add	*12.00*	
		For Aluminum, Add	*3.48*	
		For 304 Stainless Steel, Add	*55.18*	

05 12 23 00-0682 3/16" Wall Thickness *(05 12 23 00-0658)*

05 12 23 00-0683	LF	2" x 2" x 3/16" Square Steel Tubing	16.98	4.12
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000, Deduct	*-1.96*	
		For 316 Stainless Steel, Add	*36.77*	
		For Galvanized Steel, Add	*7.12*	
		For Aluminum, Add	*2.07*	
		For 304 Stainless Steel, Add	*32.75*	
05 12 23 00-0684	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	21.97	5.33
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.54*	
		For 316 Stainless Steel, Add	*47.55*	
		For Galvanized Steel, Add	*9.21*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.35*	
05 12 23 00-0685	LF	3" x 3" x 3/16" Square Steel Tubing	27.00	6.55
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.12*	
		For 316 Stainless Steel, Add	*58.46*	
		For Galvanized Steel, Add	*11.33*	
		For Aluminum, Add	*3.29*	
		For 304 Stainless Steel, Add	*52.07*	
05 12 23 00-0686	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	32.03	7.77
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.70*	
		For 316 Stainless Steel, Add	*69.34*	
		For Galvanized Steel, Add	*13.44*	
		For Aluminum, Add	*3.90*	
		For 304 Stainless Steel, Add	*61.76*	
05 12 23 00-0687	LF	4" x 4" x 3/16" Square Steel Tubing	37.02	8.98
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-4.27*	
		For 316 Stainless Steel, Add	*80.16*	
		For Galvanized Steel, Add	*15.53*	
		For Aluminum, Add	*4.51*	
		For 304 Stainless Steel, Add	*71.39*	
05 12 23 00-0688	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	42.05	10.20
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.85*	
		For 316 Stainless Steel, Add	*91.04*	
		For Galvanized Steel, Add	*17.64*	
		For Aluminum, Add	*5.12*	
		For 304 Stainless Steel, Add	*81.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0689	LF	5" x 5" x 3/16" Square Steel Tubing	47.04	11.41
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1,000, Deduct	*-3.87*	
		For >1,000, Deduct	*-5.43*	
		For 316 Stainless Steel, Add	*101.86*	
		For Galvanized Steel, Add	*19.73*	
		For Aluminum, Add	*5.73*	
		For 304 Stainless Steel, Add	*90.72*	
05 12 23 00-0690	LF	6" x 6" x 3/16" Square Steel Tubing	57.10	13.85
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.81*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000, Deduct	*-6.59*	
		For 316 Stainless Steel, Add	*123.62*	
		For Galvanized Steel, Add	*23.95*	
		For Aluminum, Add	*6.95*	
		For 304 Stainless Steel, Add	*110.10*	
05 12 23 00-0691		1/4" Wall Thickness *(05 12 23 00-0658)*		
05 12 23 00-0692	LF	2" x 2" x 1/4" Square Steel Tubing	18.20	4.12
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-2.05*	
		For 316 Stainless Steel, Add	*40.64*	
		For Galvanized Steel, Add	*7.87*	
		For Aluminum, Add	*2.29*	
		For 304 Stainless Steel, Add	*36.20*	
05 12 23 00-0693	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	23.91	5.42
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000, Deduct	*-2.70*	
		For 316 Stainless Steel, Add	*53.38*	
		For Galvanized Steel, Add	*10.34*	
		For Aluminum, Add	*3.00*	
		For 304 Stainless Steel, Add	*47.54*	
05 12 23 00-0694	LF	3" x 3" x 1/4" Square Steel Tubing	29.63	6.71
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-3.34*	
		For 316 Stainless Steel, Add	*66.14*	
		For Galvanized Steel, Add	*12.82*	
		For Aluminum, Add	*3.72*	
		For 304 Stainless Steel, Add	*58.91*	
05 12 23 00-0695	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	35.34	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.99*	
		For 316 Stainless Steel, Add	*78.91*	
		For Galvanized Steel, Add	*15.29*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*70.28*	
05 12 23 00-0696	LF	4" x 4" x 1/4" Square Steel Tubing	41.07	9.31
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.96*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000, Deduct	*-4.63*	
		For 316 Stainless Steel, Add	*91.68*	
		For Galvanized Steel, Add	*17.76*	
		For Aluminum, Add	*5.16*	
		For 304 Stainless Steel, Add	*81.65*	
05 12 23 00-0697	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	46.78	10.60
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.23*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-5.28*	
		For 316 Stainless Steel, Add	*104.45*	
		For Galvanized Steel, Add	*20.24*	
		For Aluminum, Add	*5.88*	
		For 304 Stainless Steel, Add	*93.02*	
05 12 23 00-0698	LF	5" x 5" x 1/4" Square Steel Tubing	52.54	11.91
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.51*	
		For >500 To 1,000, Deduct	*-4.22*	
		For >1,000, Deduct	*-5.93*	
		For 316 Stainless Steel, Add	*117.28*	
		For Galvanized Steel, Add	*22.72*	
		For Aluminum, Add	*6.60*	
		For 304 Stainless Steel, Add	*104.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0699	LF	6" x 6" x 1/4" Square Steel Tubing	63.97	14.50
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-3.05*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-7.22*	
		For 316 Stainless Steel, Add	*142.82*	
		For Galvanized Steel, Add	*27.67*	
		For Aluminum, Add	*8.03*	
		For 304 Stainless Steel, Add	*127.20*	
05 12 23 00-0700		Rectangular Steel Tubing *(05 12 23 00-0657)*		
05 12 23 00-0701		3/16" Wall Thickness *(05 12 23 00-0700)*		
05 12 23 00-0702	LF	3" x 2" x 3/16" Square Steel Tubing	21.97	5.33
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.54*	
		For 316 Stainless Steel, Add	*47.55*	
		For Galvanized Steel, Add	*9.21*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.35*	
05 12 23 00-0703	LF	4" x 2" x 3/16" Square Steel Tubing	27.00	6.55
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.12*	
		For 316 Stainless Steel, Add	*58.46*	
		For Galvanized Steel, Add	*11.33*	
		For Aluminum, Add	*3.29*	
		For 304 Stainless Steel, Add	*52.07*	
05 12 23 00-0704	LF	4" x 3" x 3/16" Square Steel Tubing	32.03	7.77
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.70*	
		For 316 Stainless Steel, Add	*69.34*	
		For Galvanized Steel, Add	*13.44*	
		For Aluminum, Add	*3.90*	
		For 304 Stainless Steel, Add	*61.76*	
05 12 23 00-0705	LF	5" x 2" x 3/16" Square Steel Tubing	32.03	7.77
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.70*	
		For 316 Stainless Steel, Add	*69.34*	
		For Galvanized Steel, Add	*13.44*	
		For Aluminum, Add	*3.90*	
		For 304 Stainless Steel, Add	*61.76*	
05 12 23 00-0706	LF	5" x 3" x 3/16" Square Steel Tubing	37.02	8.98
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-4.27*	
		For 316 Stainless Steel, Add	*80.16*	
		For Galvanized Steel, Add	*15.53*	
		For Aluminum, Add	*4.51*	
		For 304 Stainless Steel, Add	*71.39*	
05 12 23 00-0707	LF	5" x 4" x 3/16" Square Steel Tubing	42.05	10.20
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.85*	
		For 316 Stainless Steel, Add	*91.04*	
		For Galvanized Steel, Add	*17.64*	
		For Aluminum, Add	*5.12*	
		For 304 Stainless Steel, Add	*81.08*	
05 12 23 00-0708	LF	6" x 2" x 3/16" Square Steel Tubing	37.02	8.98
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-4.27*	
		For 316 Stainless Steel, Add	*80.16*	
		For Galvanized Steel, Add	*15.53*	
		For Aluminum, Add	*4.51*	
		For 304 Stainless Steel, Add	*71.39*	
05 12 23 00-0709	LF	6" x 3" x 3/16" Square Steel Tubing	42.05	10.20
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.85*	
		For 316 Stainless Steel, Add	*91.04*	
		For Galvanized Steel, Add	*17.64*	
		For Aluminum, Add	*5.12*	
		For 304 Stainless Steel, Add	*81.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0710	LF	6" x 4" x 3/16" Square Steel Tubing	47.04	11.41
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1,000, Deduct	*-3.87*	
		For >1,000, Deduct	*-5.43*	
		For 316 Stainless Steel, Add	*101.86*	
		For Galvanized Steel, Add	*19.73*	
		For Aluminum, Add	*5.73*	
		For 304 Stainless Steel, Add	*90.72*	
05 12 23 00-0711		1/4" Wall Thickness *(05 12 23 00-0700)*		
05 12 23 00-0712	LF	3" x 2" x 1/4" Square Steel Tubing	23.91	5.42
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000, Deduct	*-2.70*	
		For 316 Stainless Steel, Add	*53.38*	
		For Galvanized Steel, Add	*10.34*	
		For Aluminum, Add	*3.00*	
		For 304 Stainless Steel, Add	*47.54*	
05 12 23 00-0713	LF	4" x 2" x 1/4" Square Steel Tubing	29.63	6.71
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-3.34*	
		For 316 Stainless Steel, Add	*66.14*	
		For Galvanized Steel, Add	*12.82*	
		For Aluminum, Add	*3.72*	
		For 304 Stainless Steel, Add	*58.91*	
05 12 23 00-0714	LF	4" x 3" x 1/4" Square Steel Tubing	35.34	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.99*	
		For 316 Stainless Steel, Add	*78.91*	
		For Galvanized Steel, Add	*15.29*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*70.28*	
05 12 23 00-0715	LF	5" x 2" x 1/4" Square Steel Tubing	35.34	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.99*	
		For 316 Stainless Steel, Add	*78.91*	
		For Galvanized Steel, Add	*15.29*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*70.28*	
05 12 23 00-0716	LF	5" x 3" x 1/4" Square Steel Tubing	41.07	9.31
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.96*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000, Deduct	*-4.63*	
		For 316 Stainless Steel, Add	*91.68*	
		For Galvanized Steel, Add	*17.76*	
		For Aluminum, Add	*5.16*	
		For 304 Stainless Steel, Add	*81.65*	
05 12 23 00-0717	LF	5" x 4" x 1/4" Square Steel Tubing	46.78	10.60
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.23*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-5.28*	
		For 316 Stainless Steel, Add	*104.45*	
		For Galvanized Steel, Add	*20.24*	
		For Aluminum, Add	*5.88*	
		For 304 Stainless Steel, Add	*93.02*	
05 12 23 00-0718	LF	6" x 2" x 1/4" Square Steel Tubing	41.07	9.31
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.96*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000, Deduct	*-4.63*	
		For 316 Stainless Steel, Add	*91.68*	
		For Galvanized Steel, Add	*17.76*	
		For Aluminum, Add	*5.16*	
		For 304 Stainless Steel, Add	*81.65*	
05 12 23 00-0719	LF	6" x 3" x 1/4" Square Steel Tubing	46.78	10.60
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.23*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-5.28*	
		For 316 Stainless Steel, Add	*104.45*	
		For Galvanized Steel, Add	*20.24*	
		For Aluminum, Add	*5.88*	
		For 304 Stainless Steel, Add	*93.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0720	LF	6" x 4" x 1/4" Square Steel Tubing	52.54	11.91
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.51*	
		For >500 To 1,000, Deduct	*-4.22*	
		For >1,000, Deduct	*-5.93*	
		For 316 Stainless Steel, Add	*117.28*	
		For Galvanized Steel, Add	*22.72*	
		For Aluminum, Add	*6.60*	
		For 304 Stainless Steel, Add	*104.45*	
05 12 23 00-0721		Round Steel Tubing *(05 12 23 00-0657)*		
05 12 23 00-0722		0.065" Wall Thickness *(05 12 23 00-0721)*		
05 12 23 00-0723	LF	1" Diameter x 0.065" Round Steel Tubing	4.89	0.99
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.38*	
		For >1,000, Deduct	*-0.53*	
		For 316 Stainless Steel, Add	*11.42*	
		For Galvanized Steel, Add	*2.21*	
		For Aluminum, Add	*0.64*	
		For 304 Stainless Steel, Add	*10.17*	
05 12 23 00-0724	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	6.19	1.26
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-0.67*	
		For 316 Stainless Steel, Add	*14.46*	
		For Galvanized Steel, Add	*2.80*	
		For Aluminum, Add	*0.81*	
		For 304 Stainless Steel, Add	*12.88*	
05 12 23 00-0725	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.50	1.52
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000, Deduct	*-0.82*	
		For 316 Stainless Steel, Add	*17.50*	
		For Galvanized Steel, Add	*3.39*	
		For Aluminum, Add	*0.98*	
		For 304 Stainless Steel, Add	*15.59*	
05 12 23 00-0726	LF	2" Diameter x 0.065" Round Steel Tubing	10.11	2.05
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000, Deduct	*-1.10*	
		For 316 Stainless Steel, Add	*23.62*	
		For Galvanized Steel, Add	*4.58*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*21.03*	
05 12 23 00-0727	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	12.73	2.58
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.38*	
		For 316 Stainless Steel, Add	*29.73*	
		For Galvanized Steel, Add	*5.76*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*26.48*	
05 12 23 00-0728	LF	3" Diameter x 0.065" Round Steel Tubing	15.34	3.10
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.67*	
		For 316 Stainless Steel, Add	*35.84*	
		For Galvanized Steel, Add	*6.94*	
		For Aluminum, Add	*2.02*	
		For 304 Stainless Steel, Add	*31.92*	
05 12 23 00-0729	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	17.96	3.64
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.95*	
		For 316 Stainless Steel, Add	*41.95*	
		For Galvanized Steel, Add	*8.13*	
		For Aluminum, Add	*2.36*	
		For 304 Stainless Steel, Add	*37.36*	
05 12 23 00-0730	LF	4" Diameter x 0.065" Round Steel Tubing	20.57	4.16
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.58*	
		For >1,000, Deduct	*-2.24*	
		For 316 Stainless Steel, Add	*48.06*	
		For Galvanized Steel, Add	*9.31*	
		For Aluminum, Add	*2.70*	
		For 304 Stainless Steel, Add	*42.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 12 23 00-0731 0.083" Wall Thickness *(05 12 23 00-0721)*

05 12 23 00-0732	LF	1" Diameter x 0.083" Round Steel Tubing	5.31	1.09
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.58*	
		For 316 Stainless Steel, Add	*12.35*	
		For Galvanized Steel, Add	*2.39*	
		For Aluminum, Add	*0.69*	
		For 304 Stainless Steel, Add	*11.00*	
05 12 23 00-0733	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.75	1.38
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000, Deduct	*-0.74*	
		For 316 Stainless Steel, Add	*15.71*	
		For Galvanized Steel, Add	*3.04*	
		For Aluminum, Add	*0.88*	
		For 304 Stainless Steel, Add	*13.99*	
05 12 23 00-0734	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	8.20	1.67
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.90*	
		For 316 Stainless Steel, Add	*19.07*	
		For Galvanized Steel, Add	*3.70*	
		For Aluminum, Add	*1.07*	
		For 304 Stainless Steel, Add	*16.99*	
05 12 23 00-0735	LF	2" Diameter x 0.083" Round Steel Tubing	11.09	2.27
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000, Deduct	*-1.21*	
		For 316 Stainless Steel, Add	*25.82*	
		For Galvanized Steel, Add	*5.00*	
		For Aluminum, Add	*1.45*	
		For 304 Stainless Steel, Add	*23.00*	
05 12 23 00-0736	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	13.99	2.86
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.53*	
		For 316 Stainless Steel, Add	*32.58*	
		For Galvanized Steel, Add	*6.31*	
		For Aluminum, Add	*1.83*	
		For 304 Stainless Steel, Add	*29.01*	
05 12 23 00-0737	LF	3" Diameter x 0.083" Round Steel Tubing	16.88	3.45
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000, Deduct	*-1.84*	
		For 316 Stainless Steel, Add	*39.30*	
		For Galvanized Steel, Add	*7.61*	
		For Aluminum, Add	*2.21*	
		For 304 Stainless Steel, Add	*35.00*	
05 12 23 00-0738	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	19.77	4.04
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.16*	
		For 316 Stainless Steel, Add	*46.02*	
		For Galvanized Steel, Add	*8.92*	
		For Aluminum, Add	*2.59*	
		For 304 Stainless Steel, Add	*40.98*	
05 12 23 00-0739	LF	4" Diameter x 0.083" Round Steel Tubing	22.67	4.64
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.47*	
		For 316 Stainless Steel, Add	*52.77*	
		For Galvanized Steel, Add	*10.22*	
		For Aluminum, Add	*2.97*	
		For 304 Stainless Steel, Add	*47.00*	

05 12 23 00-0740 0.125" Wall Thickness *(05 12 23 00-0721)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0741	LF	2" Diameter x 0.125" Round Steel Tubing	11.74	2.86
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.36*	
		For 316 Stainless Steel, Add	*25.34*	
		For Galvanized Steel, Add	*4.91*	
		For Aluminum, Add	*1.43*	
		For 304 Stainless Steel, Add	*22.57*	
05 12 23 00-0742	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	14.87	3.63
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.72*	
		For 316 Stainless Steel, Add	*32.10*	
		For Galvanized Steel, Add	*6.22*	
		For Aluminum, Add	*1.81*	
		For 304 Stainless Steel, Add	*28.59*	
05 12 23 00-0743	LF	3" Diameter x 0.125" Round Steel Tubing	18.00	4.39
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.08*	
		For 316 Stainless Steel, Add	*38.85*	
		For Galvanized Steel, Add	*7.53*	
		For Aluminum, Add	*2.19*	
		For 304 Stainless Steel, Add	*34.60*	
05 12 23 00-0744	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	21.12	5.15
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000, Deduct	*-2.44*	
		For 316 Stainless Steel, Add	*45.60*	
		For Galvanized Steel, Add	*8.84*	
		For Aluminum, Add	*2.57*	
		For 304 Stainless Steel, Add	*40.61*	
05 12 23 00-0745	LF	4" Diameter x 0.125" Round Steel Tubing	24.25	5.92
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-2.00*	
		For >1,000, Deduct	*-2.81*	
		For 316 Stainless Steel, Add	*52.35*	
		For Galvanized Steel, Add	*10.14*	
		For Aluminum, Add	*2.94*	
		For 304 Stainless Steel, Add	*46.63*	
05 12 23 00-0746		Flat Steel Bar *(05 12 23 00-0408)*		
05 12 23 00-0747		1/8" Thick *(05 12 23 00-0746)*		
05 12 23 00-0748	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.18	1.42
		For 316 Stainless Steel, Add	*3.33*	
		For Galvanized Steel, Add	*0.64*	
		For Aluminum, Add	*0.19*	
		For 304 Stainless Steel, Add	*2.96*	
05 12 23 00-0749	LF	1/8" Thick x 2" Wide Flat Steel Bar	4.94	2.14
		For 316 Stainless Steel, Add	*5.54*	
		For Galvanized Steel, Add	*1.07*	
		For Aluminum, Add	*0.31*	
		For 304 Stainless Steel, Add	*4.93*	
05 12 23 00-0750	LF	1/8" Thick x 4" Wide Flat Steel Bar	7.66	3.01
		For 316 Stainless Steel, Add	*10.05*	
		For Galvanized Steel, Add	*1.95*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*8.95*	
05 12 23 00-0751	LF	1/8" Thick x 6" Wide Flat Steel Bar	10.38	4.09
		For 316 Stainless Steel, Add	*13.60*	
		For Galvanized Steel, Add	*2.64*	
		For Aluminum, Add	*0.77*	
		For 304 Stainless Steel, Add	*12.11*	
05 12 23 00-0752		3/16" Thick *(05 12 23 00-0746)*		
05 12 23 00-0753	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.23	1.77
		For 316 Stainless Steel, Add	*5.06*	
		For Galvanized Steel, Add	*0.98*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.50*	
05 12 23 00-0754	LF	3/16" Thick x 2" Wide Flat Steel Bar	6.71	2.65
		For 316 Stainless Steel, Add	*8.74*	
		For Galvanized Steel, Add	*1.69*	
		For Aluminum, Add	*0.49*	
		For 304 Stainless Steel, Add	*7.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0755	LF	3/16" Thick x 4" Wide Flat Steel Bar	9.19	3.05
		For 316 Stainless Steel, Add	*14.75*	
		For Galvanized Steel, Add	*2.86*	
		For Aluminum, Add	*0.83*	
		For 304 Stainless Steel, Add	*13.14*	
05 12 23 00-0756	LF	3/16" Thick x 6" Wide Flat Steel Bar	12.71	4.23
		For 316 Stainless Steel, Add	*20.38*	
		For Galvanized Steel, Add	*3.95*	
		For Aluminum, Add	*1.15*	
		For 304 Stainless Steel, Add	*18.15*	
05 12 23 00-0757		1/4" Thick *(05 12 23 00-0746)*		
05 12 23 00-0758	LF	1/4" Thick x 1" Wide Flat Steel Bar	4.36	1.87
		For 316 Stainless Steel, Add	*4.99*	
		For Galvanized Steel, Add	*0.97*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.45*	
05 12 23 00-0759	LF	1/4" Thick x 2" Wide Flat Steel Bar	7.37	2.80
		For 316 Stainless Steel, Add	*10.11*	
		For Galvanized Steel, Add	*1.96*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*9.01*	
05 12 23 00-0760	LF	1/4" Thick x 4" Wide Flat Steel Bar	10.93	3.21
		For 316 Stainless Steel, Add	*19.58*	
		For Galvanized Steel, Add	*3.79*	
		For Aluminum, Add	*1.10*	
		For 304 Stainless Steel, Add	*17.44*	
05 12 23 00-0761	LF	1/4" Thick x 6" Wide Flat Steel Bar	15.79	4.74
		For 316 Stainless Steel, Add	*27.74*	
		For Galvanized Steel, Add	*5.38*	
		For Aluminum, Add	*1.56*	
		For 304 Stainless Steel, Add	*24.71*	
05 12 23 00-0762		3/8" Thick *(05 12 23 00-0746)*		
05 12 23 00-0763	LF	3/8" Thick x 1" Wide Flat Steel Bar	5.61	2.11
		For 316 Stainless Steel, Add	*7.84*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*0.44*	
		For 304 Stainless Steel, Add	*6.98*	
05 12 23 00-0764	LF	3/8" Thick x 2" Wide Flat Steel Bar	9.27	3.15
		For 316 Stainless Steel, Add	*14.50*	
		For Galvanized Steel, Add	*2.81*	
		For Aluminum, Add	*0.82*	
		For 304 Stainless Steel, Add	*12.91*	
05 12 23 00-0765	LF	3/8" Thick x 4" Wide Flat Steel Bar	14.46	3.60
		For 316 Stainless Steel, Add	*28.96*	
		For Galvanized Steel, Add	*5.61*	
		For Aluminum, Add	*1.63*	
		For 304 Stainless Steel, Add	*25.79*	
05 12 23 00-0766	LF	3/8" Thick x 6" Wide Flat Steel Bar	20.75	5.33
		For 316 Stainless Steel, Add	*40.77*	
		For Galvanized Steel, Add	*7.90*	
		For Aluminum, Add	*2.29*	
		For 304 Stainless Steel, Add	*36.31*	
05 12 23 00-0767		1/2" Thick *(05 12 23 00-0746)*		
05 12 23 00-0768	LF	1/2" Thick x 1" Wide Flat Steel Bar	6.62	2.31
		For 316 Stainless Steel, Add	*10.05*	
		For Galvanized Steel, Add	*1.95*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*8.95*	
05 12 23 00-0769	LF	1/2" Thick x 2" Wide Flat Steel Bar	10.99	3.48
		For 316 Stainless Steel, Add	*18.50*	
		For Galvanized Steel, Add	*3.58*	
		For Aluminum, Add	*1.04*	
		For 304 Stainless Steel, Add	*16.47*	
05 12 23 00-0770	LF	1/2" Thick x 4" Wide Flat Steel Bar	15.79	3.95
		For 316 Stainless Steel, Add	*31.49*	
		For Galvanized Steel, Add	*6.10*	
		For Aluminum, Add	*1.77*	
		For 304 Stainless Steel, Add	*28.04*	
05 12 23 00-0771	LF	1/2" Thick x 6" Wide Flat Steel Bar	28.44	5.87
		For 316 Stainless Steel, Add	*62.82*	
		For Galvanized Steel, Add	*12.17*	
		For Aluminum, Add	*3.53*	
		For 304 Stainless Steel, Add	*55.95*	
05 12 23 00-0772		Flat Steel Plate *(05 12 23 00-0408)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0773	SF	1/8" Thick Flat Steel Plate	16.61	6.13
		For 316 Stainless Steel, Add	*23.71*	
		For Galvanized Steel, Add	*4.59*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*21.12*	
05 12 23 00-0774	SF	3/16" Thick Flat Steel Plate	18.80	6.34
		For 316 Stainless Steel, Add	*29.66*	
		For Galvanized Steel, Add	*5.75*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*26.42*	
05 12 23 00-0775	SF	1/4" Thick Flat Steel Plate	22.49	7.11
		For 316 Stainless Steel, Add	*37.82*	
		For Galvanized Steel, Add	*7.33*	
		For Aluminum, Add	*2.13*	
		For 304 Stainless Steel, Add	*33.69*	
05 12 23 00-0776	SF	3/8" Thick Flat Steel Plate	30.55	8.00
		For 316 Stainless Steel, Add	*59.36*	
		For Galvanized Steel, Add	*11.50*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*52.87*	
05 12 23 00-0777	SF	1/2" Thick Flat Steel Plate	36.31	8.80
		For 316 Stainless Steel, Add	*73.95*	
		For Galvanized Steel, Add	*14.33*	
		For Aluminum, Add	*4.16*	
		For 304 Stainless Steel, Add	*65.86*	
05 12 23 00-0778	SF	3/4" Thick Flat Steel Plate	59.84	10.90
		For 316 Stainless Steel, Add	*138.66*	
		For Galvanized Steel, Add	*26.86*	
		For Aluminum, Add	*7.80*	
		For 304 Stainless Steel, Add	*123.49*	
05 12 23 00-0779	SF	1" Thick Flat Steel Plate	79.96	13.62
		For 316 Stainless Steel, Add	*189.86*	
		For Galvanized Steel, Add	*36.78*	
		For Aluminum, Add	*10.68*	
		For 304 Stainless Steel, Add	*169.09*	

05 13 Structural Stainless-Steel Framing *(05 10)*

05 13 00 00-0001 Stainless Steel Tube *(05 13)*

05 13 00 00-0002	LF	1" x 1" Stainless Steel Tube	34.16	
05 13 00 00-0003	LF	1-1/2" x 1-1/2" Stainless Steel Tube	44.34	
05 13 00 00-0004	LF	2" x 2" Stainless Steel Tube	60.55	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001 Rolled Or Plate Shapes *(05 14 13)*

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	6.18	0.83
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	5.48	0.77

05 14 13 00-0004 Aluminum Extrusions *(05 14 13)*

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	11.15	3.45
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	11.69	3.45

05 14 13 00-0007 Aluminum Tubing *(05 14 13)*

05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	9.64	2.11
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	9.64	3.39
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	11.39	3.70
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	13.13	4.31
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	15.27	4.63
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	39.40	5.87
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	32.57	5.25

05 14 13 00-0015 Columns *(05 14 13)*

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns *(05 14 13 00-0015)*

05 14 13 00-0017	LF	6" Diameter Aluminum Column	37.54	6.66
05 14 13 00-0018	LF	8" Diameter Aluminum Column	49.90	9.54
05 14 13 00-0019	LF	10" Diameter Aluminum Column	60.32	10.73
05 14 13 00-0020	LF	12" Diameter Aluminum Column	87.62	11.23
05 14 13 00-0021	LF	15" Diameter Aluminum Column	111.04	13.02
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	71.94	12.42
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	81.86	13.41
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	102.15	14.90
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	170.79	15.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	257.47	17.39
05 14 13 00-0027		**Octagonal Columns** *(05 14 13 00-0015)*		
05 14 13 00-0028	LF	6" Diameter Aluminum Column	40.93	6.66
05 14 13 00-0029	LF	8" Diameter Aluminum Column	56.06	9.54
05 14 13 00-0030	LF	10" Diameter Aluminum Column	68.10	10.73
05 14 13 00-0031	LF	12" Diameter Aluminum Column	100.67	11.23
05 14 13 00-0032	LF	15" Diameter Aluminum Column	128.07	13.02
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	81.36	12.42
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	92.87	13.41
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	116.62	14.90
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	198.60	15.90
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	302.01	17.39
05 14 13 00-0038		**Fluted Columns** *(05 14 13 00-0015)*		
05 14 13 00-0039	LF	6" Diameter Aluminum Column	45.10	6.66
05 14 13 00-0040	LF	8" Diameter Aluminum Column	61.60	9.54
05 14 13 00-0041	LF	10" Diameter Aluminum Column	75.09	10.73
05 14 13 00-0042	LF	12" Diameter Aluminum Column	112.41	11.23
05 14 13 00-0043	LF	15" Diameter Aluminum Column	143.38	13.02
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	89.84	12.42
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	102.78	13.41
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	129.64	14.90
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	223.62	15.90
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	342.09	17.39
05 14 13 00-0049		**Square Columns** *(05 14 13 00-0015)*		
05 14 13 00-0050	LF	6" Aluminum Column	47.94	6.66
05 14 13 00-0051	LF	8" Aluminum Column	65.38	9.54
05 14 13 00-0052	LF	10" Aluminum Column	79.88	10.73
05 14 13 00-0053	LF	12" Aluminum Column	120.44	11.23
05 14 13 00-0054	LF	15" Aluminum Column	153.86	13.02
05 14 13 00-0055	EA	6" Aluminum Base And Cap	95.63	12.42
05 14 13 00-0056	EA	8" Aluminum Base And Cap	109.55	13.41
05 14 13 00-0057	EA	10" Aluminum Base And Cap	138.54	14.90
05 14 13 00-0058	EA	12" Aluminum Base And Cap	240.73	15.90
05 14 13 00-0059	EA	15" Aluminum Base And Cap	369.51	17.39
05 14 13 00-0060		**Ornamental Or Decorative Cap And Bases** *(05 14 13 00-0015)*		
05 14 13 00-0061	EA	8" Corinthian Capital And Base	509.23	14.90
05 14 13 00-0062	EA	10" Corinthian Capital And Base	746.74	17.39
05 14 13 00-0063	EA	12" Corinthian Capital And Base	1,176.84	19.87
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	257.23	14.90
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	343.13	17.39
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	681.44	19.87

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		**6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	0.95	0.10
		For >500, Deduct	*-0.16*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.30	0.10
		For >500, Deduct	*-0.21*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.58	0.20
		For >500, Deduct	*-0.24*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.96	0.20
		For >500, Deduct	*-0.28*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.31	0.30
		For >500, Deduct	*-0.32*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.85	0.40
		For >500, Deduct	*-0.39*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.42	0.40
		For >500, Deduct	*-0.46*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.77	0.72
		For >500, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.43	0.82
		For >500, Deduct	*-0.85*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.10	1.12
		For >500, Deduct	*-1.04*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.01	1.42
		For >500, Deduct	*-1.29*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.21	1.72
		For >500, Deduct	*-1.57*	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.10	0.10
		For >500, Deduct	*-0.19*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.45	0.10
		For >500, Deduct	*-0.24*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.84	0.20
		For >500, Deduct	*-0.29*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.15	0.20
		For >500, Deduct	*-0.32*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.59	0.30
		For >500, Deduct	*-0.38*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.03	0.40
		For >500, Deduct	*-0.43*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.57	0.40
		For >500, Deduct	*-0.49*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.22	0.72
		For >500, Deduct	*-0.72*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.76	0.82
		For >500, Deduct	*-0.92*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.40	1.12
		For >500, Deduct	*-1.11*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.76	1.42
		For >500, Deduct	*-1.43*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	13.05	1.72
		For >500, Deduct	*-1.74*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	0.89	0.10
		For >500, Deduct	*-0.14*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.23	0.10
		For >500, Deduct	*-0.19*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.50	0.20
		For >500, Deduct	*-0.22*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.81	0.20
		For >500, Deduct	*-0.25*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.22	0.30
		For >500, Deduct	*-0.30*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.81	0.40
		For >500, Deduct	*-0.38*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.31	0.40
		For >500, Deduct	*-0.44*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.67	0.72
		For >500, Deduct	*-0.61*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.83	0.82
		For >500, Deduct	*-0.73*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	7.48	1.12
		For >500, Deduct	*-0.92*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	0.88	0.10
		For >500, Deduct	*-0.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.19	0.10
		For >500, Deduct	*-0.18*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.50	0.20
		For >500, Deduct	*-0.22*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.81	0.20
		For >500, Deduct	*-0.25*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.30	0.30
		For >500, Deduct	*-0.32*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.77	0.40
		For >500, Deduct	*-0.37*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.46	0.40
		For >500, Deduct	*-0.47*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.85	0.72
		For >500, Deduct	*-0.65*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.39	0.82
		For >500, Deduct	*-0.84*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.96	1.12
		For >500, Deduct	*-1.03*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.68	0.20
		For >500, Deduct	*-0.26*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.02	0.20
		For >500, Deduct	*-0.30*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.40	0.30
		For >500, Deduct	*-0.34*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.20	0.40
		For >500, Deduct	*-0.46*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.59	0.40
		For >500, Deduct	*-0.50*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.94	0.72
		For >500, Deduct	*-0.67*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.41	0.82
		For >500, Deduct	*-0.85*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.45	1.12
		For >500, Deduct	*-1.11*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.27	1.42
		For >500, Deduct	*-1.34*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.43	1.72
		For >500, Deduct	*-1.61*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.72	0.20
		For >500, Deduct	*-0.27*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.12	0.20
		For >500, Deduct	*-0.32*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.54	0.30
		For >500, Deduct	*-0.37*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.50	0.40
		For >500, Deduct	*-0.52*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.64	0.40
		For >500, Deduct	*-0.51*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.04	0.72
		For >500, Deduct	*-0.69*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.71	0.82
		For >500, Deduct	*-0.91*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.55	1.12
		For >500, Deduct	*-1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0069		**19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope** *(05 15 16)*		
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	1.66	0.10
		For >500, Deduct	*-0.29*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	1.83	0.10
		For >500, Deduct	*-0.31*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.18	0.20
		For >500, Deduct	*-0.36*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.95	0.20
		For >500, Deduct	*-0.48*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.32	0.20
		For >500, Deduct	*-0.56*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.97	0.40
		For >500, Deduct	*-0.62*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.74	0.40
		For >500, Deduct	*-0.73*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.57	0.61
		For >500, Deduct	*-1.00*	
05 15 16 00-0078		**7x7, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.23	0.07
		For >500, Deduct	*-0.03*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.27	0.08
		For >500, Deduct	*-0.03*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.30	0.09
		For >500, Deduct	*-0.03*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.35	0.10
		For >500, Deduct	*-0.04*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.42	0.10
		For >500, Deduct	*-0.05*	
05 15 16 00-0084		**7x19, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.39	0.09
		For >500, Deduct	*-0.05*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.43	0.10
		For >500, Deduct	*-0.05*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.49	0.10
		For >500, Deduct	*-0.06*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.55	0.10
		For >500, Deduct	*-0.08*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.84	0.10
		For >500, Deduct	*-0.11*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.14	0.10
		For >500, Deduct	*-0.15*	
05 15 16 00-0091		**Heavy Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)*		
05 15 16 00-0092	EA	1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	12.22	3.05
05 15 16 00-0093	EA	5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.49	3.05
05 15 16 00-0094	EA	3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	14.90	3.05
05 15 16 00-0095	EA	7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	18.77	3.05
05 15 16 00-0096	EA	1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	18.79	3.05
05 15 16 00-0097	EA	9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	18.79	3.05
05 15 16 00-0098	EA	5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	20.10	3.05
05 15 16 00-0099	EA	3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	35.92	4.68
05 15 16 00-0100	EA	7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	42.58	5.69
05 15 16 00-0101	EA	1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	75.02	9.35
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	106.99	12.71
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	106.99	12.71
05 15 16 00-0104		**Galvanized Steel, Wire Rope Clips** *(05 15 16)*		
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	14.26	3.05
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	14.52	3.05
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	16.25	3.05
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	16.52	3.05
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	16.91	3.05
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	20.63	3.05
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	20.92	3.05
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	23.67	3.05
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	24.06	3.05

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05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	33.28	4.06
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	50.11	6.10
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	54.67	6.10
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	64.80	8.13
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	94.21	12.20
05 15 16 00-0119		**Steel, Open Swage Sockets** *(05 15 16)*		
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	66.10	3.05
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	104.30	3.05
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	108.32	4.06
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	129.49	5.08
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	129.49	5.08
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	193.10	11.19
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	193.10	11.19
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	253.03	21.35
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	341.96	30.50
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	485.43	46.77
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	649.17	73.21
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	755.99	84.39
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	53.66	3.05
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	71.76	3.05
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	71.76	3.05
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	89.90	4.06
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	91.02	4.06
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	126.74	7.12
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	131.58	8.13
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	164.92	13.21
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	215.54	19.32
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	308.11	26.44
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	384.95	36.60
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	528.95	56.94
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	109.01	3.05
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	112.54	3.05
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	112.54	3.05
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	127.85	6.10
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	127.85	6.10
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	170.01	10.17
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	170.01	10.17
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	217.74	15.25
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	328.06	25.42
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	589.73	39.65
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	710.23	64.06
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	958.87	84.39
05 15 16 00-0158		**Galvanized Steel, Closed Spelter Sockets** *(05 15 16)*		
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	91.79	3.05
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	92.22	3.05
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	92.22	3.05
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	104.99	5.08
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	104.99	5.08
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	149.14	9.15
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	149.14	9.15
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	185.45	13.21
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	271.55	20.33
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	411.11	31.52
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	538.93	42.71
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	681.99	56.94
05 15 16 00-0171		**Forged Steel, Jaw And Jaw Turnbuckles** *(05 15 16)*		
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	63.89	3.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.06*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	68.36	3.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.73*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	76.63	3.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-9.97*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	86.23	4.06
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-10.37*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	113.19	5.08
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.80*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	128.70	6.10
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-15.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	132.41	8.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-15.17*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	162.75	8.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-19.33*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	184.33	9.15
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.20*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	178.76	11.19
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-20.33*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	204.44	13.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.64*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	250.75	14.23
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-28.90*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	301.71	17.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-34.74*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	347.09	24.40
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-37.54*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	420.02	28.47
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-46.06*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	359.76	24.40
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-39.44*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	415.15	31.52
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-43.21*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	565.39	39.65
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-61.35*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	634.40	46.77
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-67.43*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	711.21	56.94
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-72.79*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	854.68	64.06
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-90.07*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,098.72	73.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-121.23*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,091.84	78.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-116.85*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,214.92	101.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-121.23*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,139.42	132.17
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-244.66*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,548.50	254.19
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-379.76*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	13.52
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	13.59
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	15.27
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.22
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.15
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.71
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	29.60
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	39.89
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	53.34
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	77.48
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	92.13
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	167.06
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	191.57
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	236.81

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.69
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.01
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.58
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	14.61
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	19.59
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.36
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.49
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.09
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.32
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	25.10
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	22.25
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.82
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.10
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.42
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.95
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.32
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.78
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.87
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.24
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.79
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.80
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	47.14	
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.31	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.94	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.89	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.79	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.58	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.53	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.64	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	84.18	

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.25	0.07
		For >500, Deduct	*-0.03*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.32	0.08
		For >500, Deduct	*-0.04*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.41	0.09
		For >500, Deduct	*-0.05*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.54	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.66	0.10
		For >500, Deduct	*-0.09*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.46	0.09
		For >500, Deduct	*-0.06*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.54	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.63	0.10
		For >500, Deduct	*-0.09*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.78	0.10
		For >500, Deduct	*-0.12*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.20	0.10
		For >500, Deduct	*-0.19*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.79	0.20
		For >500, Deduct	*-0.28*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.25	0.07
		For >500, Deduct	*-0.03*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.32	0.08
		For >500, Deduct	*-0.04*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.41	0.09
		For >500, Deduct	*-0.05*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.54	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.66	0.10
		For >500, Deduct	*-0.09*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.46	0.09
		For >500, Deduct	*-0.06*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.54	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.63	0.10
		For >500, Deduct	*-0.09*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.78	0.10
		For >500, Deduct	*-0.12*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.20	0.10
		For >500, Deduct	*-0.19*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.79	0.10
		For >500, Deduct	*-0.28*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001 Open Web Joists *(05 21 19)*

05 21 19 00-0002	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,613.78	180.09
		For Welded Cross Bridging, Add	*225.10*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*223.61*	
05 21 19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,397.31	168.82
		For Welded Cross Bridging, Add	*200.09*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*207.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 21 19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	2,885.56	168.82
		For Welded Cross Bridging, Add	*207.79*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*263.15*	
05 21 19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,275.42	168.82
		For Welded Cross Bridging, Add	*207.79*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*309.94*	
05 21 19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,894.55	168.82
		For Welded Cross Bridging, Add	*225.10*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*257.31*	
05 21 19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,616.54	168.82
		For Welded Cross Bridging, Add	*207.79*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*350.87*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck *(05 31 13)*

05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.11
		For Site Installed Insulation Between Ribs, Add	*0.82*
		For Painted, Deduct	*-0.13*
		For Perforated Or Slotted, Add	*0.13*
		For Up To 100, Add	*0.82*
		For >100 To 500, Add	*0.48*
		For >500 To 1,500, Add	*0.14*
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.54
		For Site Installed Insulation Between Ribs, Add	*0.94*
		For Painted, Deduct	*-0.14*
		For Perforated Or Slotted, Add	*0.14*
		For Up To 100, Add	*0.96*
		For >100 To 500, Add	*0.56*
		For >500 To 1,500, Add	*0.17*
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.46
		For Site Installed Insulation Between Ribs, Add	*1.17*
		For Painted, Deduct	*-0.18*
		For Perforated Or Slotted, Add	*0.18*
		For Up To 100, Add	*1.18*
		For >100 To 500, Add	*0.69*
		For >500 To 1,500, Add	*0.21*
05 31 13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.41
		For Site Installed Insulation Between Ribs, Add	*0.90*
		For Painted, Deduct	*-0.14*
		For Perforated Or Slotted, Add	*0.14*
		For Up To 100, Add	*0.92*
		For >100 To 500, Add	*0.53*
		For >500 To 1,500, Add	*0.16*
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.93
		For Site Installed Insulation Between Ribs, Add	*1.04*
		For Painted, Deduct	*-0.16*
		For Perforated Or Slotted, Add	*0.16*
		For Up To 100, Add	*1.06*
		For >100 To 500, Add	*0.62*
		For >500 To 1,500, Add	*0.19*
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.94
		For Site Installed Insulation Between Ribs, Add	*1.30*
		For Painted, Deduct	*-0.20*
		For Perforated Or Slotted, Add	*0.20*
		For Up To 100, Add	*1.31*
		For >100 To 500, Add	*0.77*
		For >500 To 1,500, Add	*0.23*
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.87
		For Site Installed Insulation Between Ribs, Add	*1.02*
		For Painted, Deduct	*-0.16*
		For Perforated Or Slotted, Add	*0.16*
		For Up To 100, Add	*1.00*
		For >100 To 500, Add	*0.59*
		For >500 To 1,500, Add	*0.17*
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.49
		For Site Installed Insulation Between Ribs, Add	*1.18*
		For Painted, Deduct	*-0.19*
		For Perforated Or Slotted, Add	*0.19*
		For Up To 100, Add	*1.15*
		For >100 To 500, Add	*0.68*
		For >500 To 1,500, Add	*0.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.54	
		For Site Installed Insulation Between Ribs, Add	*1.45*	
		For Painted, Deduct	*-0.23*	
		For Perforated Or Slotted, Add	*0.23*	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.82*	
		For >500 To 1,500, Add	*0.22*	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	6.98	
		For Site Installed Insulation Between Ribs, Add	*1.82*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Up To 100, Add	*1.56*	
		For >100 To 500, Add	*0.99*	
		For >500 To 1,500, Add	*0.24*	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.32	
		For Site Installed Insulation Between Ribs, Add	*1.13*	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*1.07*	
		For >100 To 500, Add	*0.65*	
		For >500 To 1,500, Add	*0.18*	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.06	
		For Site Installed Insulation Between Ribs, Add	*1.32*	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*1.24*	
		For >100 To 500, Add	*0.75*	
		For >500 To 1,500, Add	*0.21*	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.30	
		For Site Installed Insulation Between Ribs, Add	*1.65*	
		For Painted, Deduct	*-0.26*	
		For Perforated Or Slotted, Add	*0.26*	
		For Up To 100, Add	*1.54*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.25*	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	7.93	
		For Site Installed Insulation Between Ribs, Add	*2.07*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Up To 100, Add	*1.89*	
		For >100 To 500, Add	*1.16*	
		For >500 To 1,500, Add	*0.31*	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	11.76	
		For Site Installed Insulation Between Ribs, Add	*3.02*	
		For Painted, Deduct	*-0.53*	
		For Perforated Or Slotted, Add	*0.53*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.51*	
		For >500 To 1,500, Add	*0.28*	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	14.57	
		For Site Installed Insulation Between Ribs, Add	*3.72*	
		For Painted, Deduct	*-0.68*	
		For Perforated Or Slotted, Add	*0.68*	
		For Up To 100, Add	*2.37*	
		For >100 To 500, Add	*1.76*	
		For >500 To 1,500, Add	*0.25*	
05 31 13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	14.48	
		For Site Installed Insulation Between Ribs, Add	*3.76*	
		For Painted, Deduct	*-0.63*	
		For Perforated Or Slotted, Add	*0.63*	
		For Up To 100, Add	*3.22*	
		For >100 To 500, Add	*2.04*	
		For >500 To 1,500, Add	*0.49*	
05 31 13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.16	
		For Site Installed Insulation Between Ribs, Add	*3.63*	
		For Painted, Deduct	*-0.65*	
		For Perforated Or Slotted, Add	*0.65*	
		For Up To 100, Add	*2.51*	
		For >100 To 500, Add	*1.78*	
		For >500 To 1,500, Add	*0.31*	
05 31 13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	17.69	
		For Site Installed Insulation Between Ribs, Add	*4.53*	
		For Painted, Deduct	*-0.81*	
		For Perforated Or Slotted, Add	*0.81*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*2.22*	
		For >500 To 1,500, Add	*0.37*	
05 31 13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	15.66	
		For Site Installed Insulation Between Ribs, Add	*4.01*	
		For Painted, Deduct	*-0.72*	
		For Perforated Or Slotted, Add	*0.72*	
		For Up To 100, Add	*2.78*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	19.51	
		For Site Installed Insulation Between Ribs, Add	*5.00*	
		For Painted, Deduct	*-0.89*	
		For Perforated Or Slotted, Add	*0.89*	
		For Up To 100, Add	*3.42*	
		For >100 To 500, Add	*2.44*	
		For >500 To 1,500, Add	*0.41*	

05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	10.33	
		For Site Installed Insulation Between Ribs, Add	*2.66*	
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Insulated Cells, Add	*2.09*	
		For Up To 100, Add	*1.96*	
		For >100 To 500, Add	*1.34*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	11.22	
		For Site Installed Insulation Between Ribs, Add	*2.90*	
		For Painted, Deduct	*-0.49*	
		For Perforated Or Slotted, Add	*0.49*	
		For Insulated Cells, Add	*2.22*	
		For Up To 100, Add	*2.36*	
		For >100 To 500, Add	*1.53*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	12.70	
		For Site Installed Insulation Between Ribs, Add	*3.25*	
		For Painted, Deduct	*-0.58*	
		For Perforated Or Slotted, Add	*0.58*	
		For Insulated Cells, Add	*2.61*	
		For Up To 100, Add	*2.24*	
		For >100 To 500, Add	*1.59*	
		For >500 To 1,500, Add	*0.27*	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	13.73	
		For Site Installed Insulation Between Ribs, Add	*3.54*	
		For Painted, Deduct	*-0.61*	
		For Perforated Or Slotted, Add	*0.61*	
		For Insulated Cells, Add	*2.77*	
		For Up To 100, Add	*2.67*	
		For >100 To 500, Add	*1.81*	
		For >500 To 1,500, Add	*0.36*	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	14.53	
		For Site Installed Insulation Between Ribs, Add	*3.73*	
		For Painted, Deduct	*-0.66*	
		For Perforated Or Slotted, Add	*0.66*	
		For Insulated Cells, Add	*2.98*	
		For Up To 100, Add	*2.61*	
		For >100 To 500, Add	*1.84*	
		For >500 To 1,500, Add	*0.32*	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	17.38	
		For Site Installed Insulation Between Ribs, Add	*4.46*	
		For Painted, Deduct	*-0.79*	
		For Perforated Or Slotted, Add	*0.79*	
		For Insulated Cells, Add	*3.57*	
		For Up To 100, Add	*3.10*	
		For >100 To 500, Add	*2.19*	
		For >500 To 1,500, Add	*0.38*	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	19.50	
		For Site Installed Insulation Between Ribs, Add	*5.00*	
		For Painted, Deduct	*-0.89*	
		For Perforated Or Slotted, Add	*0.89*	
		For Insulated Cells, Add	*4.02*	
		For Up To 100, Add	*3.42*	
		For >100 To 500, Add	*2.44*	
		For >500 To 1,500, Add	*0.41*	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	21.07	
		For Site Installed Insulation Between Ribs, Add	*5.40*	
		For Painted, Deduct	*-0.97*	
		For Perforated Or Slotted, Add	*0.97*	
		For Insulated Cells, Add	*4.35*	
		For Up To 100, Add	*3.68*	
		For >100 To 500, Add	*2.63*	
		For >500 To 1,500, Add	*0.44*	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	22.60	
		For Site Installed Insulation Between Ribs, Add	*5.75*	
		For Painted, Deduct	*-1.06*	
		For Perforated Or Slotted, Add	*1.06*	
		For Insulated Cells, Add	*4.79*	
		For Up To 100, Add	*3.44*	
		For >100 To 500, Add	*2.65*	
		For >500 To 1,500, Add	*0.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	24.02	
		For Site Installed Insulation Between Ribs, Add	*6.12*	
		For Painted, Deduct	*-1.12*	
		For Perforated Or Slotted, Add	*1.12*	
		For Insulated Cells, Add	*5.06*	
		For Up To 100, Add	*3.78*	
		For >100 To 500, Add	*2.86*	
		For >500 To 1,500, Add	*0.38*	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	25.39	
		For Site Installed Insulation Between Ribs, Add	*6.47*	
		For Painted, Deduct	*-1.19*	
		For Perforated Or Slotted, Add	*1.19*	
		For Insulated Cells, Add	*5.34*	
		For Up To 100, Add	*4.02*	
		For >100 To 500, Add	*3.03*	
		For >500 To 1,500, Add	*0.41*	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	27.08	
		For Site Installed Insulation Between Ribs, Add	*6.90*	
		For Painted, Deduct	*-1.27*	
		For Perforated Or Slotted, Add	*1.27*	
		For Insulated Cells, Add	*5.69*	
		For Up To 100, Add	*4.30*	
		For >100 To 500, Add	*3.24*	
		For >500 To 1,500, Add	*0.44*	

05 31 23 Steel Roof Decking *(05 31)*

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking *(05 31)*

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	2.79	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.06*	
		For >100 To 500, Add	*0.54*	
		For >500 To 1,500, Add	*0.22*	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	2.96	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.12*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1,500, Add	*0.23*	
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.27	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >500 To 1,500, Add	*0.26*	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.53	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.42*	
		For >100 To 500, Add	*0.71*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.36	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.16*	
		For >100 To 500, Add	*0.61*	
		For >500 To 1,500, Add	*0.23*	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	3.53	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.22*	
		For >100 To 500, Add	*0.64*	
		For >500 To 1,500, Add	*0.24*	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.71	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.32*	
		For >100 To 500, Add	*0.69*	
		For >500 To 1,500, Add	*0.26*	
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.95	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.75*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	4.17	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.53*	
		For >100 To 500, Add	*0.79*	
		For >500 To 1,500, Add	*0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	4.55	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.62*	
		For >100 To 500, Add	*0.84*	
		For >500 To 1,500, Add	*0.32*	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	5.24	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.94*	
		For >500 To 1,500, Add	*0.35*	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	5.80	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*2.00*	
		For >100 To 500, Add	*1.05*	
		For >500 To 1,500, Add	*0.40*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.21	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.54*	
		For >100 To 500, Add	*0.79*	
		For >500 To 1,500, Add	*0.31*	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.50	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.87*	
		For >500 To 1,500, Add	*0.35*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.01	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*2.05*	
		For >100 To 500, Add	*1.02*	
		For >500 To 1,500, Add	*0.43*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.46	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.40*	
		For >100 To 500, Add	*1.16*	
		For >500 To 1,500, Add	*0.52*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.50	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.87*	
		For >500 To 1,500, Add	*0.35*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.86	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.86*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.38*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.38	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.22*	
		For >100 To 500, Add	*1.10*	
		For >500 To 1,500, Add	*0.47*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.85	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.57*	
		For >100 To 500, Add	*1.25*	
		For >500 To 1,500, Add	*0.55*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.73	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.77*	
		For >100 To 500, Add	*0.91*	
		For >500 To 1,500, Add	*0.36*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.06	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.97*	
		For >100 To 500, Add	*1.00*	
		For >500 To 1,500, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.66	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.38*	
		For >100 To 500, Add	*1.17*	
		For >500 To 1,500, Add	*0.50*	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.29	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*2.78*	
		For >100 To 500, Add	*1.35*	
		For >500 To 1,500, Add	*0.60*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.72	
		For Site Installed Insulation Between Ribs, Add	*2.10*	
		For Painted, Deduct	*-0.27*	
		For Perforated Or Slotted, Add	*0.27*	
		For Insulated Cells, Add	*1.23*	
		For Up To 100, Add	*2.80*	
		For >100 To 500, Add	*1.45*	
		For >500 To 1,500, Add	*0.56*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.25	
		For Site Installed Insulation Between Ribs, Add	*2.25*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.30*	
		For Up To 100, Add	*3.07*	
		For >100 To 500, Add	*1.57*	
		For >500 To 1,500, Add	*0.62*	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.35	
		For Site Installed Insulation Between Ribs, Add	*2.28*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.30*	
		For Up To 100, Add	*3.17*	
		For >100 To 500, Add	*1.61*	
		For >500 To 1,500, Add	*0.65*	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.84	
		For Site Installed Insulation Between Ribs, Add	*2.42*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.34*	
		For Up To 100, Add	*3.47*	
		For >100 To 500, Add	*1.75*	
		For >500 To 1,500, Add	*0.72*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.48	
		For Site Installed Insulation Between Ribs, Add	*2.60*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.43*	
		For Up To 100, Add	*3.75*	
		For >100 To 500, Add	*1.88*	
		For >500 To 1,500, Add	*0.78*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.58	
		For Site Installed Insulation Between Ribs, Add	*2.63*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.43*	
		For Up To 100, Add	*3.85*	
		For >100 To 500, Add	*1.92*	
		For >500 To 1,500, Add	*0.80*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.08	
		For Site Installed Insulation Between Ribs, Add	*2.78*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.48*	
		For Up To 100, Add	*4.16*	
		For >100 To 500, Add	*2.06*	
		For >500 To 1,500, Add	*0.88*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.97	
		For Site Installed Insulation Between Ribs, Add	*2.17*	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.26*	
		For Up To 100, Add	*2.95*	
		For >100 To 500, Add	*1.51*	
		For >500 To 1,500, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.42	
		For Site Installed Insulation Between Ribs, Add	*2.30*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.17*	
		For >100 To 500, Add	*1.62*	
		For >500 To 1,500, Add	*0.65*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.51	
		For Site Installed Insulation Between Ribs, Add	*2.33*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*1.66*	
		For >500 To 1,500, Add	*0.67*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.12	
		For Site Installed Insulation Between Ribs, Add	*2.50*	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.38*	
		For Up To 100, Add	*3.59*	
		For >100 To 500, Add	*1.80*	
		For >500 To 1,500, Add	*0.74*	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.65	
		For Site Installed Insulation Between Ribs, Add	*2.65*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*3.85*	
		For >100 To 500, Add	*1.93*	
		For >500 To 1,500, Add	*0.80*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.79	
		For Site Installed Insulation Between Ribs, Add	*2.70*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*3.99*	
		For >100 To 500, Add	*1.98*	
		For >500 To 1,500, Add	*0.84*	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.32	
		For Site Installed Insulation Between Ribs, Add	*2.84*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.51*	
		For Up To 100, Add	*4.26*	
		For >100 To 500, Add	*2.11*	
		For >500 To 1,500, Add	*0.90*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.01	
		For Site Installed Insulation Between Ribs, Add	*2.18*	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.26*	
		For Up To 100, Add	*2.95*	
		For >100 To 500, Add	*1.52*	
		For >500 To 1,500, Add	*0.60*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.46	
		For Site Installed Insulation Between Ribs, Add	*2.31*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.21*	
		For >100 To 500, Add	*1.64*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.61	
		For Site Installed Insulation Between Ribs, Add	*2.36*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.36*	
		For >100 To 500, Add	*1.70*	
		For >500 To 1,500, Add	*0.70*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.21	
		For Site Installed Insulation Between Ribs, Add	*2.52*	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.39*	
		For Up To 100, Add	*3.64*	
		For >100 To 500, Add	*1.83*	
		For >500 To 1,500, Add	*0.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.81	
		For Site Installed Insulation Between Ribs, Add	*2.69*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*3.92*	
		For >100 To 500, Add	*1.96*	
		For >500 To 1,500, Add	*0.82*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.99	
		For Site Installed Insulation Between Ribs, Add	*2.75*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*4.10*	
		For >100 To 500, Add	*2.03*	
		For >500 To 1,500, Add	*0.86*	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.42	
		For Site Installed Insulation Between Ribs, Add	*2.88*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.51*	
		For Up To 100, Add	*4.36*	
		For >100 To 500, Add	*2.15*	
		For >500 To 1,500, Add	*0.92*	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized *(05 36)*

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	6.01	
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	4.93	
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.08	
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.51	
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	6.63	
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	5.38	
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.44	
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.83	
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	7.63	
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.09	
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.09	
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	4.59	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.79	0.78
		For Walls >10' High, Add	*0.96*	
		For Curved Wall, Add	*0.54*	
		For Up To 200, Add	*1.32*	
		For >200 To 500, Add	*0.66*	
		For 12" On Center, Add	*0.87*	
		For 24" On Center, Deduct	*-0.87*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.40	0.78
		For Walls >10' High, Add	*1.08*	
		For Curved Wall, Add	*0.57*	
		For Up To 200, Add	*1.46*	
		For >200 To 500, Add	*0.73*	
		For 12" On Center, Add	*0.98*	
		For 24" On Center, Deduct	*-0.98*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.63	0.78
		For Walls >10' High, Add	*1.13*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.52*	
		For >200 To 500, Add	*0.76*	
		For 12" On Center, Add	*1.03*	
		For 24" On Center, Deduct	*-1.03*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.33	0.87
		For Walls >10' High, Add	*1.47*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.88*	
		For >200 To 500, Add	*0.94*	
		For 12" On Center, Add	*1.36*	
		For 24" On Center, Deduct	*-1.36*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.24	0.95
		For Walls >10' High, Add	*1.65*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*2.08*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.54*	
		For 24" On Center, Deduct	*-1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0007		16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*		
05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.17	0.78
		For Walls >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.57*	
		For Up To 200, Add	*1.42*	
		For >200 To 500, Add	*0.71*	
		For 12" On Center, Add	*0.94*	
		For 24" On Center, Deduct	*-0.94*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.05	0.79
		For Walls >10' High, Add	*1.21*	
		For Curved Wall, Add	*0.60*	
		For Up To 200, Add	*1.61*	
		For >200 To 500, Add	*0.81*	
		For 12" On Center, Add	*1.11*	
		For 24" On Center, Deduct	*-1.11*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.40	0.79
		For Walls >10' High, Add	*1.28*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.70*	
		For >200 To 500, Add	*0.85*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.25	0.95
		For Walls >10' High, Add	*1.65*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*2.09*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.54*	
		For 24" On Center, Deduct	*-1.54*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.14	1.04
		For Walls >10' High, Add	*1.83*	
		For Curved Wall, Add	*0.69*	
		For Up To 200, Add	*2.29*	
		For >200 To 500, Add	*1.14*	
		For 12" On Center, Add	*1.71*	
		For 24" On Center, Deduct	*-1.71*	
05 41 00 00-0013		14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*		
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.18	1.08
		For Walls >10' High, Add	*1.44*	
		For Curved Wall, Add	*0.72*	
		For Up To 200, Add	*1.92*	
		For >200 To 500, Add	*0.96*	
		For 12" On Center, Add	*1.32*	
		For 24" On Center, Deduct	*-1.32*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.40	1.10
		For Walls >10' High, Add	*1.48*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*1.97*	
		For >200 To 500, Add	*0.99*	
		For 12" On Center, Add	*1.36*	
		For 24" On Center, Deduct	*-1.36*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.47	1.16
		For Walls >10' High, Add	*1.89*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*2.41*	
		For >200 To 500, Add	*1.20*	
		For 12" On Center, Add	*1.77*	
		For 24" On Center, Deduct	*-1.77*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.44	1.21
		For Walls >10' High, Add	*2.09*	
		For Curved Wall, Add	*0.81*	
		For Up To 200, Add	*2.63*	
		For >200 To 500, Add	*1.31*	
		For 12" On Center, Add	*1.95*	
		For 24" On Center, Deduct	*-1.95*	
05 42		Cold-Formed Metal Joist Framing *(05 40)*		
05 42 13		**Cold-Formed Metal Floor Joist Framing** ***(05 42)***		
		Note: Floor or roof joist framing		
05 42 13 00-0001		Steel Joists, 20 Gauge *(05 42 13)*		
05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	10.55	1.85
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	11.34	2.34
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	12.24	2.56
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	13.82	2.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 42 13 00-0006		Steel Joists, 18 Gauge *(05 42 13)*		
05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	11.76	2.06
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	12.66	2.59
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	13.72	2.84
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	14.07	3.02
05 42 13 00-0011		Steel Joists, 16 Gauge *(05 42 13)*		
05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	14.95	2.87
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	15.80	3.02
05 42 13 00-0014		Steel Joists, 14 Gauge *(05 42 13)*		
05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	18.05	3.02
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	19.67	3.18
05 42 13 00-0017		Steel Joists, 12 Gauge *(05 42 13)*		
05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	21.65	3.32
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	23.74	3.50
05 42 13 00-0020		Steel Joists, 10 Gauge *(05 42 13)*		
05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	25.29	3.66
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	27.88	3.85
05 42 13 00-0023		Steel Joists, 8 Gauge *(05 42 13)*		
05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	28.97	4.03
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	32.04	4.24

05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	11.19	2.30
		For Powder Coating, Add	*0.99*	
		For Galvanizing, Add	*1.12*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	11.51	2.30
		For Powder Coating, Add	*1.04*	
		For Galvanizing, Add	*1.18*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	12.01	2.30
		For Powder Coating, Add	*1.11*	
		For Galvanizing, Add	*1.26*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	10.55	2.30
		For Powder Coating, Add	*0.89*	
		For Galvanizing, Add	*1.01*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	9.15	2.30
		For Powder Coating, Add	*0.68*	
		For Galvanizing, Add	*0.78*	

05 43 00 00-0008 Stainless Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0009 304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.19	2.30
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	28.98	2.30
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	27.79	2.30
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	35.18	2.30

05 43 00 00-0014 316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	39.72	2.30

05 43 00 00-0016 Unistrut Closure Strips *(05 43)*

05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	5.98	0.50

05 43 00 00-0018 Lock Nuts With Spring For Unistrut Channel *(05 43)*

Note: Includes hex bolt.

05 43 00 00-0019 Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*

Note: Includes hex bolt.

05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	7.68	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.19	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	10.95	

05 43 00 00-0024 Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*
Note: Includes hex bolt.

05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.08	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.95	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.98	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	35.56	

05 43 00 00-0029 Lock Nuts Without Spring For Unistrut Channel *(05 43)*
Note: Includes hex bolt.

05 43 00 00-0030 Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*
Note: Includes hex bolt.

05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.02	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	7.78	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.23	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	11.75	

05 43 00 00-0035 Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*
Note: Includes hex bolt.

05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.22	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.22	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.28	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	34.66	

05 43 00 00-0040 Beam Clamp For Unistrut Channel *(05 43)*

05 43 00 00-0041	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	21.76	7.63
05 43 00 00-0042	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	27.82	7.63
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	3.30	

05 43 00 00-0044 Beam Clamp Clevis Hangers For Unistrut Channel *(05 43)*

05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	23.86	7.63
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	28.68	7.63
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	3.30	
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	166.50	10.17

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*
See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*
See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*
Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*
Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	950.49	29.81
		For Closed Riser, Add	*109.97*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,079.92	34.78
		For Closed Riser, Add	*124.82*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,202.59	40.74
		For Closed Riser, Add	*138.72*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	81.97	4.97

05 51 19 Metal Grating Stairs *(05 51)*
Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*
Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	459.75	39.75
		For Closed Riser, Add	*55.40*	
		For Galvanized Steel, Add	*95.06*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	489.77	45.71
		For Closed Riser, Add	*58.64*	
		For Galvanized Steel, Add	*99.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	541.88	53.66
		For Closed Riser, Add	*64.54*	
		For Galvanized Steel, Add	*108.64*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	85.05	4.97
		For Galvanized Steel, Add	*16.30*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF	20" Wide Vertical Steel Ladder Primed	87.29	11.92
		For Galvanized Steel, Add	*12.47*	
		For Aluminum, Add	*24.94*	
05 51 33 13-0003	VLF	24" Wide Vertical Steel Ladder Primed	99.93	11.92
		For Galvanized Steel, Add	*15.63*	
		For Aluminum, Add	*31.26*	
05 51 33 13-0004	VLF	20" Wide Vertical Steel Caged Ladder Primed	208.23	19.87
		For Galvanized Steel, Add	*36.22*	
		For Aluminum, Add	*72.45*	
05 51 33 13-0005	VLF	24" Wide Vertical Steel Caged Ladder Primed	233.51	19.87
		For Galvanized Steel, Add	*42.54*	
		For Aluminum, Add	*85.09*	

05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	340.33	37.26
		For Galvanized Steel, Add	*66.45*	
		For Aluminum, Add	*132.90*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	372.66	39.75
		For Galvanized Steel, Add	*73.29*	
		For Aluminum, Add	*146.58*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	513.45	12.42
05 51 33 13-0010	EA	6' Security Ladder Guard	1,093.03	74.53
05 51 33 13-0011	EA	8' Security Ladder Guard	1,307.45	86.94
05 51 33 13-0012	EA	Safety Chain Attachment	199.67	

05 51 33 13-0013 Welded Steel Ladder Cages *(05 51 33 13)*

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,016.73	149.05
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,191.59	154.02
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,330.61	158.98
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,479.18	163.95
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,565.61	168.93
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,707.01	173.90
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,831.68	178.86
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,994.60	183.83
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,152.74	188.80
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,282.18	193.77
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,440.32	198.73
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,593.68	203.70
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,744.65	208.67
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,019.90	213.64
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,101.55	218.61
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,242.95	223.58
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,372.40	228.55
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,492.30	233.51
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,760.38	238.48
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,904.17	243.45
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,038.40	248.42

05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0037	EA	7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,843.15	149.05
05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,174.79	154.02
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,727.77	158.98
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,000.09	163.95
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,229.07	168.93
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,533.33	173.90
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,081.74	178.86
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,358.64	183.83
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,644.66	188.80
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,958.04	193.77
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	8,517.86	198.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	8,797.04	203.70
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	9,062.52	208.67
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	9,503.68	213.64
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	9,999.62	218.61
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	10,274.22	223.58
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	10,555.67	228.55
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	10,818.88	233.51
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	11,497.33	238.48
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	11,760.53	243.45
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	12,030.57	248.42

05 51 33 16 Inclined Metal Ladders *(05 51 33)*

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*
Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	326.96	49.68
		For Aluminum, Add	*113.80*	

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

05 51 33 23-0001 Vertical Ladders With Alternating Tread *(05 51 33 23)*

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,081.55	149.05
		For Stainless Steel, Add	*196.80*	
		For Primed Steel, Deduct	*-191.42*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	2,383.68	158.00
		For Stainless Steel, Add	*240.90*	
		For Primed Steel, Deduct	*-223.30*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	2,646.01	158.00
		For Stainless Steel, Add	*288.67*	
		For Primed Steel, Deduct	*-241.55*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	3,021.13	198.53
		For Stainless Steel, Add	*347.24*	
		For Primed Steel, Deduct	*-256.61*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	3,317.27	205.57
		For Stainless Steel, Add	*388.99*	
		For Primed Steel, Deduct	*-298.53*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	3,549.06	205.57
		For Stainless Steel, Add	*453.51*	
		For Primed Steel, Deduct	*-293.53*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	3,897.51	229.31
		For Stainless Steel, Add	*497.40*	
		For Primed Steel, Deduct	*-327.55*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	4,157.22	229.31
		For Stainless Steel, Add	*546.61*	
		For Primed Steel, Deduct	*-347.07*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	4,359.28	229.31
		For Stainless Steel, Add	*623.99*	
		For Primed Steel, Deduct	*-346.65*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*
Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and one rail.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	35.42	9.93
		For Schedule 80 Handrail, Add	*4.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.42*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-3.89*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.13*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.06*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*6.53*	
		For Aluminum, Clear Anodized Finish, Add	*10.11*	
		For Aluminum, Dark Anodized Finish, Add	*11.66*	
		For Galvanizing, Add	*6.22*	
		For Wrought Iron, Add	*3.54*	
		For Solid Steel Rails, Add	*7.08*	
		For 304 Stainless Steel, Add	*49.76*	
		For 316 Stainless Steel, Add	*55.98*	
		For 2" Wheel Guard, Add	*1.48*	
		For 4" High Kick Plate, Add	*1.94*	
		For 6" High Kick Plate, Add	*3.11*	
		For Curved Rail, Add	*15.29*	
		For Mounting On Stairs, Add	*10.63*	
		For Mounting On Slopes, Add	*3.54*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*12.74*	
		For Nylon Coating, Add	*2.33*	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	38.10	9.93
		For Schedule 80 Handrail, Add	*6.30*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.01*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.56*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.02*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*7.66*	
		For Aluminum, Clear Anodized Finish, Add	*11.85*	
		For Aluminum, Dark Anodized Finish, Add	*13.67*	
		For Galvanizing, Add	*7.29*	
		For Wrought Iron, Add	*3.81*	
		For Solid Steel Rails, Add	*7.62*	
		For 304 Stainless Steel, Add	*58.34*	
		For 316 Stainless Steel, Add	*65.63*	
		For 2" Wheel Guard, Add	*1.73*	
		For 4" High Kick Plate, Add	*2.28*	
		For 6" High Kick Plate, Add	*3.65*	
		For Curved Rail, Add	*16.90*	
		For Mounting On Stairs, Add	*11.43*	
		For Mounting On Slopes, Add	*3.81*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*14.08*	
		For Nylon Coating, Add	*2.73*	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	40.78	9.93
		For Schedule 80 Handrail, Add	*6.30*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.60*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.23*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.90*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.15*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*8.78*	
		For Aluminum, Clear Anodized Finish, Add	*13.59*	
		For Aluminum, Dark Anodized Finish, Add	*15.68*	
		For Galvanizing, Add	*8.36*	
		For Wrought Iron, Add	*4.08*	
		For Solid Steel Rails, Add	*8.16*	
		For 304 Stainless Steel, Add	*66.91*	
		For 316 Stainless Steel, Add	*75.28*	
		For 2" Wheel Guard, Add	*1.99*	
		For 4" High Kick Plate, Add	*2.61*	
		For 6" High Kick Plate, Add	*4.18*	
		For Curved Rail, Add	*18.51*	
		For Mounting On Stairs, Add	*12.23*	
		For Mounting On Slopes, Add	*4.08*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*15.42*	
		For Nylon Coating, Add	*3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	45.42	9.93
		For Schedule 80 Handrail, Add	*7.19*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.62*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.43*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.96*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*10.73*	
		For Aluminum, Clear Anodized Finish, Add	*16.61*	
		For Aluminum, Dark Anodized Finish, Add	*19.16*	
		For Galvanizing, Add	*10.22*	
		For Wrought Iron, Add	*4.54*	
		For Solid Steel Rails, Add	*9.08*	
		For 304 Stainless Steel, Add	*81.76*	
		For 316 Stainless Steel, Add	*91.98*	
		For 2" Wheel Guard, Add	*2.43*	
		For 4" High Kick Plate, Add	*3.19*	
		For 6" High Kick Plate, Add	*5.11*	
		For Curved Rail, Add	*21.29*	
		For Mounting On Stairs, Add	*13.63*	
		For Mounting On Slopes, Add	*4.54*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*17.74*	
		For Nylon Coating, Add	*3.83*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	50.99	9.93
		For Schedule 80 Handrail, Add	*8.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.85*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.78*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.27*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.14*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*13.07*	
		For Aluminum, Clear Anodized Finish, Add	*20.23*	
		For Aluminum, Dark Anodized Finish, Add	*23.34*	
		For Galvanizing, Add	*12.45*	
		For Wrought Iron, Add	*5.10*	
		For Solid Steel Rails, Add	*10.20*	
		For 304 Stainless Steel, Add	*99.58*	
		For 316 Stainless Steel, Add	*112.03*	
		For 2" Wheel Guard, Add	*2.96*	
		For 4" High Kick Plate, Add	*3.89*	
		For 6" High Kick Plate, Add	*6.22*	
		For Curved Rail, Add	*24.63*	
		For Mounting On Stairs, Add	*15.30*	
		For Mounting On Slopes, Add	*5.10*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*20.53*	
		For Nylon Coating, Add	*4.67*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	47.08	9.93
		For Schedule 80 Handrail, Add	*4.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.99*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.80*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.61*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*11.43*	
		For Aluminum, Clear Anodized Finish, Add	*17.69*	
		For Aluminum, Dark Anodized Finish, Add	*20.41*	
		For Galvanizing, Add	*10.88*	
		For Wrought Iron, Add	*4.71*	
		For Solid Steel Rails, Add	*9.42*	
		For 304 Stainless Steel, Add	*87.07*	
		For 316 Stainless Steel, Add	*97.96*	
		For 2" Wheel Guard, Add	*2.58*	
		For 4" High Kick Plate, Add	*3.40*	
		For 6" High Kick Plate, Add	*5.44*	
		For Curved Rail, Add	*22.29*	
		For Mounting On Stairs, Add	*14.12*	
		For Mounting On Slopes, Add	*4.71*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*18.57*	
		For Nylon Coating, Add	*4.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	51.77	9.93
		For Schedule 80 Handrail, Add	*6.30*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.44*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*13.40*	
		For Aluminum, Clear Anodized Finish, Add	*20.74*	
		For Aluminum, Dark Anodized Finish, Add	*23.93*	
		For Galvanizing, Add	*12.76*	
		For Wrought Iron, Add	*5.18*	
		For Solid Steel Rails, Add	*10.35*	
		For 304 Stainless Steel, Add	*102.08*	
		For 316 Stainless Steel, Add	*114.84*	
		For 2" Wheel Guard, Add	*3.03*	
		For 4" High Kick Plate, Add	*3.99*	
		For 6" High Kick Plate, Add	*6.38*	
		For Curved Rail, Add	*25.10*	
		For Mounting On Stairs, Add	*15.53*	
		For Mounting On Slopes, Add	*5.18*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*20.92*	
		For Nylon Coating, Add	*4.79*	
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	56.45	9.93
		For Schedule 80 Handrail, Add	*6.30*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.15*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.07*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-14.27*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*15.36*	
		For Aluminum, Clear Anodized Finish, Add	*23.78*	
		For Aluminum, Dark Anodized Finish, Add	*27.44*	
		For Galvanizing, Add	*14.63*	
		For Wrought Iron, Add	*5.65*	
		For Solid Steel Rails, Add	*11.29*	
		For 304 Stainless Steel, Add	*117.06*	
		For 316 Stainless Steel, Add	*131.69*	
		For 2" Wheel Guard, Add	*3.48*	
		For 4" High Kick Plate, Add	*4.57*	
		For 6" High Kick Plate, Add	*7.32*	
		For Curved Rail, Add	*27.91*	
		For Mounting On Stairs, Add	*16.94*	
		For Mounting On Slopes, Add	*5.65*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*23.26*	
		For Nylon Coating, Add	*5.49*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	64.58	9.93
		For Schedule 80 Handrail, Add	*7.19*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.84*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.18*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.75*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.44*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*18.78*	
		For Aluminum, Clear Anodized Finish, Add	*29.06*	
		For Aluminum, Dark Anodized Finish, Add	*33.53*	
		For Galvanizing, Add	*17.88*	
		For Wrought Iron, Add	*6.46*	
		For Solid Steel Rails, Add	*12.92*	
		For 304 Stainless Steel, Add	*143.07*	
		For 316 Stainless Steel, Add	*160.96*	
		For 2" Wheel Guard, Add	*4.25*	
		For 4" High Kick Plate, Add	*5.59*	
		For 6" High Kick Plate, Add	*8.94*	
		For Curved Rail, Add	*32.79*	
		For Mounting On Stairs, Add	*19.37*	
		For Mounting On Slopes, Add	*6.46*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*27.32*	
		For Nylon Coating, Add	*6.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	74.32	9.93
		For Schedule 80 Handrail, Add	*8.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.98*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.61*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.97*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-21.24*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.46*	
		For Aluminum, Satin Finish, Add	*22.87*	
		For Aluminum, Clear Anodized Finish, Add	*35.39*	
		For Aluminum, Dark Anodized Finish, Add	*40.84*	
		For Galvanizing, Add	*21.78*	
		For Wrought Iron, Add	*7.43*	
		For Solid Steel Rails, Add	*14.86*	
		For 304 Stainless Steel, Add	*174.24*	
		For 316 Stainless Steel, Add	*196.02*	
		For 2" Wheel Guard, Add	*5.17*	
		For 4" High Kick Plate, Add	*6.81*	
		For 6" High Kick Plate, Add	*10.89*	
		For Curved Rail, Add	*38.63*	
		For Mounting On Stairs, Add	*22.30*	
		For Mounting On Slopes, Add	*7.43*	
		For Post Base Flange With Screws, Add Per Post	*19.49*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.48*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*32.19*	
		For Nylon Coating, Add	*8.17*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	73.84	11.92
		For Schedule 80 Handrail, Add	*5.95*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.50*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.50*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-19.50*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.26*	
		For Aluminum, Satin Finish, Add	*21.00*	
		For Aluminum, Clear Anodized Finish, Add	*32.49*	
		For Aluminum, Dark Anodized Finish, Add	*37.49*	
		For Galvanizing, Add	*20.00*	
		For Wrought Iron, Add	*7.38*	
		For Solid Steel Rails, Add	*14.77*	
		For 304 Stainless Steel, Add	*159.97*	
		For 316 Stainless Steel, Add	*179.96*	
		For 2" Wheel Guard, Add	*4.75*	
		For 4" High Kick Plate, Add	*6.25*	
		For 6" High Kick Plate, Add	*10.00*	
		For Curved Rail, Add	*37.15*	
		For Mounting On Stairs, Add	*22.15*	
		For Mounting On Slopes, Add	*7.38*	
		For Post Base Flange With Screws, Add Per Post	*19.89*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.08*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*30.96*	
		For Nylon Coating, Add	*7.50*	
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	82.45	11.92
		For Schedule 80 Handrail, Add	*8.91*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.65*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.34*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.85*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.26*	
		For Aluminum, Satin Finish, Add	*24.61*	
		For Aluminum, Clear Anodized Finish, Add	*38.09*	
		For Aluminum, Dark Anodized Finish, Add	*43.95*	
		For Galvanizing, Add	*23.44*	
		For Wrought Iron, Add	*8.25*	
		For Solid Steel Rails, Add	*16.49*	
		For 304 Stainless Steel, Add	*187.52*	
		For 316 Stainless Steel, Add	*210.96*	
		For 2" Wheel Guard, Add	*5.57*	
		For 4" High Kick Plate, Add	*7.33*	
		For 6" High Kick Plate, Add	*11.72*	
		For Curved Rail, Add	*42.32*	
		For Mounting On Stairs, Add	*24.74*	
		For Mounting On Slopes, Add	*8.25*	
		For Post Base Flange With Screws, Add Per Post	*19.89*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.08*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*35.26*	
		For Nylon Coating, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	91.06	11.92
		For Schedule 80 Handrail, Add	*8.91*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.79*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.80*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-22.18*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-26.21*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.26*	
		For Aluminum, Satin Finish, Add	*28.23*	
		For Aluminum, Clear Anodized Finish, Add	*43.69*	
		For Aluminum, Dark Anodized Finish, Add	*50.41*	
		For Galvanizing, Add	*26.88*	
		For Wrought Iron, Add	*9.11*	
		For Solid Steel Rails, Add	*18.21*	
		For 304 Stainless Steel, Add	*215.07*	
		For 316 Stainless Steel, Add	*241.96*	
		For 2" Wheel Guard, Add	*6.38*	
		For 4" High Kick Plate, Add	*8.40*	
		For 6" High Kick Plate, Add	*13.44*	
		For Curved Rail, Add	*47.48*	
		For Mounting On Stairs, Add	*27.32*	
		For Mounting On Slopes, Add	*9.11*	
		For Post Base Flange With Screws, Add Per Post	*19.89*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.08*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*39.57*	
		For Nylon Coating, Add	*10.08*	
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	106.02	11.92
		For Schedule 80 Handrail, Add	*10.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-18.08*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.54*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-27.12*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-32.05*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.26*	
		For Aluminum, Satin Finish, Add	*34.51*	
		For Aluminum, Clear Anodized Finish, Add	*53.41*	
		For Aluminum, Dark Anodized Finish, Add	*61.63*	
		For Galvanizing, Add	*32.87*	
		For Wrought Iron, Add	*10.60*	
		For Solid Steel Rails, Add	*21.20*	
		For 304 Stainless Steel, Add	*262.94*	
		For 316 Stainless Steel, Add	*295.81*	
		For 2" Wheel Guard, Add	*7.81*	
		For 4" High Kick Plate, Add	*10.27*	
		For 6" High Kick Plate, Add	*16.43*	
		For Curved Rail, Add	*56.46*	
		For Mounting On Stairs, Add	*31.81*	
		For Mounting On Slopes, Add	*10.60*	
		For Post Base Flange With Screws, Add Per Post	*19.89*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.08*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*47.05*	
		For Nylon Coating, Add	*12.33*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	123.84	11.92
		For Schedule 80 Handrail, Add	*11.31*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-22.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-25.00*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-33.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-39.00*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.26*	
		For Aluminum, Satin Finish, Add	*42.00*	
		For Aluminum, Clear Anodized Finish, Add	*64.99*	
		For Aluminum, Dark Anodized Finish, Add	*74.99*	
		For Galvanizing, Add	*40.00*	
		For Wrought Iron, Add	*12.38*	
		For Solid Steel Rails, Add	*24.77*	
		For 304 Stainless Steel, Add	*319.97*	
		For 316 Stainless Steel, Add	*359.96*	
		For 2" Wheel Guard, Add	*9.50*	
		For 4" High Kick Plate, Add	*12.50*	
		For 6" High Kick Plate, Add	*20.00*	
		For Curved Rail, Add	*67.15*	
		For Mounting On Stairs, Add	*37.15*	
		For Mounting On Slopes, Add	*12.38*	
		For Post Base Flange With Screws, Add Per Post	*19.89*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.08*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*55.96*	
		For Nylon Coating, Add	*15.00*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	89.19	13.91
		For Schedule 80 Handrail, Add	*8.07*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.50*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.34*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.25*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-23.93*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.06*	
		For Aluminum, Satin Finish, Add	*25.77*	
		For Aluminum, Clear Anodized Finish, Add	*39.88*	
		For Aluminum, Dark Anodized Finish, Add	*46.02*	
		For Galvanizing, Add	*24.54*	
		For Wrought Iron, Add	*8.92*	
		For Solid Steel Rails, Add	*17.84*	
		For 304 Stainless Steel, Add	*196.35*	
		For 316 Stainless Steel, Add	*220.90*	
		For 2" Wheel Guard, Add	*5.83*	
		For 4" High Kick Plate, Add	*7.67*	
		For 6" High Kick Plate, Add	*12.27*	
		For Curved Rail, Add	*45.17*	
		For Mounting On Stairs, Add	*26.76*	
		For Mounting On Slopes, Add	*8.92*	
		For Post Base Flange With Screws, Add Per Post	*20.28*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*37.64*	
		For Nylon Coating, Add	*9.20*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	96.83	13.91
		For Schedule 80 Handrail, Add	*11.77*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.18*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.25*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-22.77*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-26.91*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.06*	
		For Aluminum, Satin Finish, Add	*28.98*	
		For Aluminum, Clear Anodized Finish, Add	*44.85*	
		For Aluminum, Dark Anodized Finish, Add	*51.75*	
		For Galvanizing, Add	*27.60*	
		For Wrought Iron, Add	*9.68*	
		For Solid Steel Rails, Add	*19.37*	
		For 304 Stainless Steel, Add	*220.80*	
		For 316 Stainless Steel, Add	*248.40*	
		For 2" Wheel Guard, Add	*6.56*	
		For 4" High Kick Plate, Add	*8.63*	
		For 6" High Kick Plate, Add	*13.80*	
		For Curved Rail, Add	*49.75*	
		For Mounting On Stairs, Add	*29.05*	
		For Mounting On Slopes, Add	*9.68*	
		For Post Base Flange With Screws, Add Per Post	*20.28*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*41.46*	
		For Nylon Coating, Add	*10.35*	
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	104.48	13.91
		For Schedule 80 Handrail, Add	*11.77*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.86*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-19.16*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-25.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-29.89*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.06*	
		For Aluminum, Satin Finish, Add	*32.19*	
		For Aluminum, Clear Anodized Finish, Add	*49.82*	
		For Aluminum, Dark Anodized Finish, Add	*57.49*	
		For Galvanizing, Add	*30.66*	
		For Wrought Iron, Add	*10.45*	
		For Solid Steel Rails, Add	*20.90*	
		For 304 Stainless Steel, Add	*245.28*	
		For 316 Stainless Steel, Add	*275.94*	
		For 2" Wheel Guard, Add	*7.28*	
		For 4" High Kick Plate, Add	*9.58*	
		For 6" High Kick Plate, Add	*15.33*	
		For Curved Rail, Add	*54.34*	
		For Mounting On Stairs, Add	*31.34*	
		For Mounting On Slopes, Add	*10.45*	
		For Post Base Flange With Screws, Add Per Post	*20.28*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*45.28*	
		For Nylon Coating, Add	*11.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	121.50	13.91
		For Schedule 80 Handrail, Add	*13.26*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-20.61*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-23.42*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-30.91*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-36.53*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.06*	
		For Aluminum, Satin Finish, Add	*39.34*	
		For Aluminum, Clear Anodized Finish, Add	*60.89*	
		For Aluminum, Dark Anodized Finish, Add	*70.25*	
		For Galvanizing, Add	*37.47*	
		For Wrought Iron, Add	*12.15*	
		For Solid Steel Rails, Add	*24.30*	
		For 304 Stainless Steel, Add	*299.74*	
		For 316 Stainless Steel, Add	*337.21*	
		For 2" Wheel Guard, Add	*8.90*	
		For 4" High Kick Plate, Add	*11.71*	
		For 6" High Kick Plate, Add	*18.73*	
		For Curved Rail, Add	*64.55*	
		For Mounting On Stairs, Add	*36.45*	
		For Mounting On Slopes, Add	*12.15*	
		For Post Base Flange With Screws, Add Per Post	*20.28*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*53.79*	
		For Nylon Coating, Add	*14.05*	
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	141.45	13.91
		For Schedule 80 Handrail, Add	*14.77*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-25.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-28.41*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-37.49*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-44.31*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.06*	
		For Aluminum, Satin Finish, Add	*47.72*	
		For Aluminum, Clear Anodized Finish, Add	*73.85*	
		For Aluminum, Dark Anodized Finish, Add	*85.22*	
		For Galvanizing, Add	*45.45*	
		For Wrought Iron, Add	*14.15*	
		For Solid Steel Rails, Add	*28.29*	
		For 304 Stainless Steel, Add	*363.58*	
		For 316 Stainless Steel, Add	*409.03*	
		For 2" Wheel Guard, Add	*10.79*	
		For 4" High Kick Plate, Add	*14.20*	
		For 6" High Kick Plate, Add	*22.72*	
		For Curved Rail, Add	*76.52*	
		For Mounting On Stairs, Add	*42.44*	
		For Mounting On Slopes, Add	*14.15*	
		For Post Base Flange With Screws, Add Per Post	*20.28*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*63.77*	
		For Nylon Coating, Add	*17.04*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	13.86
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.72
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.47
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	26.16

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	13.59
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	14.05
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	15.04
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	30.19

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.13
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	12.53
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	16.46
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	24.53

05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	35.73	5.97
		For Schedule 80 Handrail, Add	*2.27*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.58*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.21*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.87*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.12*	
		For Stainless Steel, Add	*41.66*	
		For Aluminum, Satin Finish, Add	*8.75*	
		For Curved Rail, Add	*10.72*	
		For Aluminum, Clear Anodized Finish, Add	*13.54*	
		For Aluminum, Dark Anodized Finish, Add	*15.62*	
		For Galvanized Finish, Add	*6.25*	
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	36.40	5.97
		For Schedule 80 Handrail, Add	*2.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.73*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.38*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.10*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.39*	
		For Stainless Steel, Add	*43.00*	
		For Aluminum, Satin Finish, Add	*9.03*	
		For Curved Rail, Add	*10.92*	
		For Aluminum, Clear Anodized Finish, Add	*13.98*	
		For Aluminum, Dark Anodized Finish, Add	*16.13*	
		For Galvanized Finish, Add	*6.45*	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	37.07	5.97
		For Schedule 80 Handrail, Add	*7.57*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.88*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.54*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.32*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.65*	
		For Stainless Steel, Add	*44.34*	
		For Aluminum, Satin Finish, Add	*9.31*	
		For Curved Rail, Add	*11.12*	
		For Aluminum, Clear Anodized Finish, Add	*14.41*	
		For Aluminum, Dark Anodized Finish, Add	*16.63*	
		For Galvanized Finish, Add	*6.65*	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	44.80	5.97
		For Schedule 80 Handrail, Add	*3.31*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.58*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.48*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.87*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.66*	
		For Stainless Steel, Add	*59.80*	
		For Aluminum, Satin Finish, Add	*12.56*	
		For Curved Rail, Add	*13.44*	
		For Aluminum, Clear Anodized Finish, Add	*19.44*	
		For Aluminum, Dark Anodized Finish, Add	*22.43*	
		For Galvanized Finish, Add	*8.97*	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	51.18	5.97
		For Schedule 80 Handrail, Add	*3.61*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.07*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.97*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-14.15*	
		For Stainless Steel, Add	*72.56*	
		For Aluminum, Satin Finish, Add	*15.24*	
		For Curved Rail, Add	*15.35*	
		For Aluminum, Clear Anodized Finish, Add	*23.58*	
		For Aluminum, Dark Anodized Finish, Add	*27.21*	
		For Galvanized Finish, Add	*10.88*	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	43.62	6.26
		For Schedule 80 Handrail, Add	*2.27*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.32*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.18*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.48*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.20*	
		For Stainless Steel, Add	*57.44*	
		For Aluminum, Satin Finish, Add	*12.06*	
		For Curved Rail, Add	*13.09*	
		For Aluminum, Clear Anodized Finish, Add	*18.67*	
		For Aluminum, Dark Anodized Finish, Add	*21.54*	
		For Galvanized Finish, Add	*8.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	44.56	6.26
		For Schedule 80 Handrail, Add	*2.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.53*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.42*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.79*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.57*	
		For Stainless Steel, Add	*59.32*	
		For Aluminum, Satin Finish, Add	*12.46*	
		For Curved Rail, Add	*13.37*	
		For Aluminum, Clear Anodized Finish, Add	*19.28*	
		For Aluminum, Dark Anodized Finish, Add	*22.25*	
		For Galvanized Finish, Add	*8.90*	
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.27	6.26
		For Schedule 80 Handrail, Add	*7.57*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.59*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.02*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.84*	
		For Stainless Steel, Add	*60.74*	
		For Aluminum, Satin Finish, Add	*12.76*	
		For Curved Rail, Add	*13.58*	
		For Aluminum, Clear Anodized Finish, Add	*19.74*	
		For Aluminum, Dark Anodized Finish, Add	*22.78*	
		For Galvanized Finish, Add	*9.11*	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	56.05	6.26
		For Schedule 80 Handrail, Add	*3.31*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.29*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-13.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-16.05*	
		For Stainless Steel, Add	*82.30*	
		For Aluminum, Satin Finish, Add	*17.28*	
		For Curved Rail, Add	*16.82*	
		For Aluminum, Clear Anodized Finish, Add	*26.75*	
		For Aluminum, Dark Anodized Finish, Add	*30.86*	
		For Galvanized Finish, Add	*12.35*	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	63.10	6.26
		For Schedule 80 Handrail, Add	*3.61*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.60*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.05*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.91*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.80*	
		For Stainless Steel, Add	*96.40*	
		For Aluminum, Satin Finish, Add	*20.24*	
		For Curved Rail, Add	*18.93*	
		For Aluminum, Clear Anodized Finish, Add	*31.33*	
		For Aluminum, Dark Anodized Finish, Add	*36.15*	
		For Galvanized Finish, Add	*14.46*	

05 52 13 00-0054 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0055	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	22.36
05 52 13 00-0056	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	29.89
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket	60.31
		For Stainless Steel, Add	*61.00*

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	8.23	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.03*	
		For 304 Stainless Steel, Add	*19.39*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*1.76*	
		For Crossbars At 2" On-Center, Add	*0.65*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.62*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	10.73	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.45*	
		For 304 Stainless Steel, Add	*27.41*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.49*	
		For Crossbars At 2" On-Center, Add	*0.92*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	9.83	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.30*	
		For 304 Stainless Steel, Add	*24.52*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.23*	
		For Crossbars At 2" On-Center, Add	*0.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.66*	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	13.22	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.88*	
		For 304 Stainless Steel, Add	*35.41*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.22*	
		For Crossbars At 2" On-Center, Add	*1.19*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.74*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	16.62	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.45*	
		For 304 Stainless Steel, Add	*46.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.21*	
		For Crossbars At 2" On-Center, Add	*1.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.83*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	11.46	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.58*	
		For 304 Stainless Steel, Add	*29.76*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.71*	
		For Crossbars At 2" On-Center, Add	*1.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.70*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	15.58	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.28*	
		For 304 Stainless Steel, Add	*42.98*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.91*	
		For Crossbars At 2" On-Center, Add	*1.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.80*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	13.08	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.85*	
		For 304 Stainless Steel, Add	*34.96*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.18*	
		For Crossbars At 2" On-Center, Add	*1.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.74*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	18.55	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.70*	
		For 304 Stainless Steel, Add	*50.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.63*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	23.71	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.58*	
		For 304 Stainless Steel, Add	*67.51*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.14*	
		For Crossbars At 2" On-Center, Add	*2.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.32*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	21.07	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.13*	
		For 304 Stainless Steel, Add	*59.03*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.37*	
		For Crossbars At 2" On-Center, Add	*1.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	23.43	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.53*	
		For 304 Stainless Steel, Add	*66.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.06*	
		For Crossbars At 2" On-Center, Add	*2.24*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.31*	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	25.93	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.95*	
		For 304 Stainless Steel, Add	*74.63*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.79*	
		For Crossbars At 2" On-Center, Add	*2.51*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.38*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	28.28	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.35*	
		For 304 Stainless Steel, Add	*82.18*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.48*	
		For Crossbars At 2" On-Center, Add	*2.76*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.44*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	14.78	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.06*	
		For 304 Stainless Steel, Add	*23.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.68*	
		For Crossbars At 2" On-Center, Add	*1.36*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.78*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	17.99	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.59*	
		For 304 Stainless Steel, Add	*29.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.61*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.86*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	16.15	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.29*	
		For 304 Stainless Steel, Add	*26.12*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.08*	
		For Crossbars At 2" On-Center, Add	*1.51*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.82*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	21.67	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.19*	
		For 304 Stainless Steel, Add	*36.45*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*28.25*	
		For Bearing Bars At 15/16" On-Center, Add	*5.69*	
		For Crossbars At 2" On-Center, Add	*2.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.95*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	17.99	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.59*	
		For 304 Stainless Steel, Add	*29.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.61*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	24.22	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.61*	
		For 304 Stainless Steel, Add	*41.22*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.43*	
		For Crossbars At 2" On-Center, Add	*2.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.02*	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	19.92	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.91*	
		For 304 Stainless Steel, Add	*33.17*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.18*	
		For Crossbars At 2" On-Center, Add	*1.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.91*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	27.39	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*46.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*35.83*	
		For Bearing Bars At 15/16" On-Center, Add	*7.22*	
		For Crossbars At 2" On-Center, Add	*2.67*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.41*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	30.09	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.50*	
		For 304 Stainless Steel, Add	*51.28*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.00*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.48*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	32.28	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.85*	
		For 304 Stainless Steel, Add	*55.38*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.64*	
		For Crossbars At 2" On-Center, Add	*3.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.54*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	34.39	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.20*	
		For 304 Stainless Steel, Add	*59.33*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.26*	
		For Crossbars At 2" On-Center, Add	*3.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.59*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	36.21	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.50*	
		For 304 Stainless Steel, Add	*62.73*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.79*	
		For Crossbars At 2" On-Center, Add	*3.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.63*	
05 53 13 00-0031		**Aluminum, Type 6063, Pressure Locked Grating** *(05 53 13 00-0017)*		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.58	1.10
		For Bearing Bars At 15/16" On-Center, Add	*4.49*	
		For Crossbars At 2" On-Center, Add	*1.66*	
		For Set In Place Without Bolting, Deduct	*-1.85*	
		For Powder Coating, Add	*2.31*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.89	1.10
		For Bearing Bars At 15/16" On-Center, Add	*6.34*	
		For Crossbars At 2" On-Center, Add	*2.34*	
		For Set In Place Without Bolting, Deduct	*-2.01*	
		For Powder Coating, Add	*3.26*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	22.53	1.10
		For Bearing Bars At 15/16" On-Center, Add	*5.94*	
		For Crossbars At 2" On-Center, Add	*2.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.98*	
		For Powder Coating, Add	*3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	30.69	1.10
		For Bearing Bars At 7/16" On-Center, Add	*41.33*	
		For Bearing Bars At 15/16" On-Center, Add	*8.32*	
		For Crossbars At 2" On-Center, Add	*3.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.18*	
		For Powder Coating, Add	*4.28*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	26.12	1.10
		For Bearing Bars At 15/16" On-Center, Add	*6.99*	
		For Crossbars At 2" On-Center, Add	*2.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.07*	
		For Powder Coating, Add	*3.59*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	35.02	1.10
		For Bearing Bars At 15/16" On-Center, Add	*9.59*	
		For Crossbars At 2" On-Center, Add	*3.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.29*	
		For Powder Coating, Add	*4.92*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	29.50	1.10
		For Bearing Bars At 15/16" On-Center, Add	*7.97*	
		For Crossbars At 2" On-Center, Add	*2.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.15*	
		For Powder Coating, Add	*4.10*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	39.48	1.10
		For Bearing Bars At 7/16" On-Center, Add	*54.07*	
		For Bearing Bars At 15/16" On-Center, Add	*10.89*	
		For Crossbars At 2" On-Center, Add	*4.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.40*	
		For Powder Coating, Add	*5.59*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	43.75	1.10
		For Bearing Bars At 15/16" On-Center, Add	*12.14*	
		For Crossbars At 2" On-Center, Add	*4.49*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.51*	
		For Powder Coating, Add	*6.23*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	48.81	1.10
		For Bearing Bars At 15/16" On-Center, Add	*13.61*	
		For Crossbars At 2" On-Center, Add	*5.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.63*	
		For Powder Coating, Add	*6.99*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	52.78	1.10
		For Bearing Bars At 15/16" On-Center, Add	*14.77*	
		For Crossbars At 2" On-Center, Add	*5.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.73*	
		For Powder Coating, Add	*7.59*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	57.51	1.10
		For Bearing Bars At 15/16" On-Center, Add	*16.15*	
		For Crossbars At 2" On-Center, Add	*5.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.85*	
		For Powder Coating, Add	*8.30*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	23.63	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.97*	
		For 304 Stainless Steel, Add	*35.55*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.72*	
		For Crossbars At 2" On-Center, Add	*1.72*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.00*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	26.28	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.22*	
		For 304 Stainless Steel, Add	*39.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.42*	
		For Crossbars At 2" On-Center, Add	*1.93*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	28.84	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.41*	
		For 304 Stainless Steel, Add	*43.37*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.74*	
		For Crossbars At 2" On-Center, Add	*2.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.45*	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	32.89	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.78*	
		For 304 Stainless Steel, Add	*50.09*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.33*	
		For Crossbars At 2" On-Center, Add	*2.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.55*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	36.96	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.15*	
		For 304 Stainless Steel, Add	*56.84*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*21.94*	
		For Crossbars At 2" On-Center, Add	*2.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.65*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	41.02	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.53*	
		For 304 Stainless Steel, Add	*63.57*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*24.54*	
		For Crossbars At 2" On-Center, Add	*3.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.75*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	45.09	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.90*	
		For 304 Stainless Steel, Add	*70.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*27.14*	
		For Crossbars At 2" On-Center, Add	*3.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.86*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.79	1.10
		For Bearing Bars At 15/16" On-Center, Add	*11.90*	
		For Crossbars At 2" On-Center, Add	*1.49*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.93*	
		For Powder Coating, Add	*2.79*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	27.02	1.10
		For Bearing Bars At 15/16" On-Center, Add	*15.89*	
		For Crossbars At 2" On-Center, Add	*1.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.09*	
		For Powder Coating, Add	*3.72*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	23.59	1.10
		For Bearing Bars At 15/16" On-Center, Add	*13.70*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.00*	
		For Powder Coating, Add	*3.21*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	31.21	1.10
		For Bearing Bars At 15/16" On-Center, Add	*18.57*	
		For Crossbars At 2" On-Center, Add	*2.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.19*	
		For Powder Coating, Add	*4.35*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	26.91	1.10
		For Bearing Bars At 15/16" On-Center, Add	*15.82*	
		For Crossbars At 2" On-Center, Add	*1.98*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.09*	
		For Powder Coating, Add	*3.71*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	35.70	1.10
		For Bearing Bars At 15/16" On-Center, Add	*21.45*	
		For Crossbars At 2" On-Center, Add	*2.68*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.31*	
		For Powder Coating, Add	*5.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	40.87	1.10
		For Bearing Bars At 15/16" On-Center, Add	*24.76*	
		For Crossbars At 2" On-Center, Add	*3.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.43*	
		For Powder Coating, Add	*5.80*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	46.01	1.10
		For Bearing Bars At 15/16" On-Center, Add	*28.04*	
		For Crossbars At 2" On-Center, Add	*3.51*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.56*	
		For Powder Coating, Add	*6.57*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	51.17	1.10
		For Bearing Bars At 15/16" On-Center, Add	*31.35*	
		For Crossbars At 2" On-Center, Add	*3.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.69*	
		For Powder Coating, Add	*7.35*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	56.31	1.10
		For Bearing Bars At 15/16" On-Center, Add	*34.64*	
		For Crossbars At 2" On-Center, Add	*4.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
		For Powder Coating, Add	*8.12*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	44.13	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.01*	
		For 304 Stainless Steel, Add	*36.03*	
		For 5/8" Clear Opening, Add	*14.47*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.52*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	51.81	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.38*	
		For 304 Stainless Steel, Add	*42.62*	
		For 5/8" Clear Opening, Add	*17.12*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.71*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	47.67	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.18*	
		For 304 Stainless Steel, Add	*39.07*	
		For 5/8" Clear Opening, Add	*15.69*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.60*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	54.74	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.52*	
		For 304 Stainless Steel, Add	*45.14*	
		For 5/8" Clear Opening, Add	*18.13*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.78*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	50.60	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.32*	
		For 304 Stainless Steel, Add	*41.58*	
		For 5/8" Clear Opening, Add	*16.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.68*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	60.19	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.78*	
		For 304 Stainless Steel, Add	*49.82*	
		For 5/8" Clear Opening, Add	*20.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.92*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	53.91	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.46*	
		For 304 Stainless Steel, Add	*44.01*	
		For 5/8" Clear Opening, Add	*17.67*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	64.16	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.95*	
		For 304 Stainless Steel, Add	*52.81*	
		For 5/8" Clear Opening, Add	*21.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.33*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	69.39	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.20*	
		For 304 Stainless Steel, Add	*57.30*	
		For 5/8" Clear Opening, Add	*23.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.46*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	81.07	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.76*	
		For 304 Stainless Steel, Add	*67.34*	
		For 5/8" Clear Opening, Add	*27.04*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.76*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	85.14	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.96*	
		For 304 Stainless Steel, Add	*70.83*	
		For 5/8" Clear Opening, Add	*28.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.86*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	88.76	1.35
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.13*	
		For 304 Stainless Steel, Add	*73.94*	
		For 5/8" Clear Opening, Add	*29.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.95*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	44.67	1.10
		For 5/8" Clear Opening, Add	*14.66*	
		For Powder Coating, Add	*6.37*	
		For Set In Place Without Bolting, Deduct	*-2.53*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	53.08	1.10
		For 5/8" Clear Opening, Add	*17.56*	
		For Powder Coating, Add	*7.63*	
		For Set In Place Without Bolting, Deduct	*-2.74*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	49.16	1.10
		For 5/8" Clear Opening, Add	*16.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.05*	
		For Set In Place Without Bolting, Deduct	*-2.64*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	57.37	1.10
		For 5/8" Clear Opening, Add	*19.04*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.28*	
		For Set In Place Without Bolting, Deduct	*-2.85*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	55.17	1.10
		For 5/8" Clear Opening, Add	*18.28*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.95*	
		For Set In Place Without Bolting, Deduct	*-2.79*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	66.57	1.10
		For 5/8" Clear Opening, Add	*22.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*9.66*	
		For Set In Place Without Bolting, Deduct	*-3.08*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	59.28	1.10
		For 5/8" Clear Opening, Add	*19.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.56*	
		For Set In Place Without Bolting, Deduct	*-2.89*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	73.75	1.10
		For 5/8" Clear Opening, Add	*24.69*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.73*	
		For Set In Place Without Bolting, Deduct	*-3.26*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	81.34	1.10
		For 5/8" Clear Opening, Add	*27.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.87*	
		For Set In Place Without Bolting, Deduct	*-3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	96.92	1.10
		For 5/8" Clear Opening, Add	*32.68*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*14.21*	
		For Set In Place Without Bolting, Deduct	*-3.84*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	105.76	1.10
		For 5/8" Clear Opening, Add	*35.73*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*15.54*	
		For Set In Place Without Bolting, Deduct	*-4.06*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	117.62	1.10
		For 5/8" Clear Opening, Add	*39.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*17.31*	
		For Set In Place Without Bolting, Deduct	*-4.35*	

05 53 16 Plank Gratings *(05 53)*

05 53 16 00-0001 Grate-Lock Steel Plank Grating *(05 53 16)*

Note: Smooth or traction grip surface.

05 53 16 00-0002	SF	1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	16.39	0.85
		For Stair Tread Application, Add	*1.89*	
05 53 16 00-0003	SF	2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	17.49	1.05
		For Stair Tread Application, Add	*2.06*	
05 53 16 00-0004	SF	3" Height, 18 Gauge Steel Grate-Lock Plank Grating	18.45	1.14
		For Stair Tread Application, Add	*2.19*	
05 53 16 00-0005	SF	4" Height, 18 Gauge Steel Grate-Lock Plank Grating	20.15	1.24
		For Stair Tread Application, Add	*2.39*	
05 53 16 00-0006	SF	1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	19.96	0.94
		For Stair Tread Application, Add	*2.28*	
05 53 16 00-0007	SF	2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	21.24	1.14
		For Stair Tread Application, Add	*2.47*	
05 53 16 00-0008	SF	1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	24.51	1.10
		For Stair Tread Application, Add	*2.78*	
05 53 16 00-0009	SF	2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	26.09	1.35
		For Stair Tread Application, Add	*3.01*	
05 53 16 00-0010	SF	3" Height, 14 Gauge Steel Grate-Lock Plank Grating	27.91	1.69
		For Stair Tread Application, Add	*3.30*	
05 53 16 00-0011	SF	4" Height, 14 Gauge Steel Grate-Lock Plank Grating	30.81	1.88
		For Stair Tread Application, Add	*3.65*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	18.59	1.29
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	21.31	1.29
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	26.78	1.29
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	35.86	1.39
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	45.67	1.49

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	27.89	1.10
		For Powder Coating, Add	*3.86*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	32.01	1.29
		For Powder Coating, Add	*4.43*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	36.14	1.39
		For Powder Coating, Add	*5.00*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	28.48	1.49
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	34.03	1.69
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	44.00	1.99

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	64.83	5.12
		For 3/8" Thick, Add	*14.16*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	71.67	5.12
		For 3/8" Thick, Add	*15.87*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	78.49	5.12
		For 3/8" Thick, Add	*17.57*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	85.34	5.12
		For 3/8" Thick, Add	*19.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	92.14	5.12
		For 3/8" Thick, Add	*20.99*	
05 55 13 00-0007		**Abrasive Cast Iron Stair Treads** *(05 55 13)*		
		Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	91.34	5.12
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	101.47	5.12
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	111.61	5.12
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	121.74	5.12
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	131.89	5.12
05 55 13 00-0013		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads** *(05 55 13)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	32.87	5.12
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	39.06	5.12
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	41.79	5.12
05 55 13 00-0017		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads** *(05 55 13)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	49.96	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
		For Two Color Tread, Add	*3.22*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	50.47	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
		For Two Color Tread, Add	*3.22*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	61.61	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
		For Two Color Tread, Add	*3.22*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	71.37	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
		For Two Color Tread, Add	*3.22*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	84.10	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
		For Two Color Tread, Add	*3.22*	
05 55 13 00-0023		**Stair Landing Treads** *(05 55 13)*		
05 55 13 00-0024		**Abrasive Cast Aluminum Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	92.14	5.12
		For 3/8" Thick, Add	*20.99*	
05 55 13 00-0026		**Abrasive Cast Iron Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	131.89	5.12
05 55 13 00-0028		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	85.21	5.12
		For Epoxy Sealed For Corrosive Environment, Add	*4.30*	
05 55 13 00-0030		**Open Cast Iron Stair Tread** *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	651.14	39.75
		For Closed Riser, Add	*55.80*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	729.95	45.71
		For Closed Riser, Add	*62.41*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	803.88	53.66
		For Closed Riser, Add	*68.65*	
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		**Abrasive Cast Aluminum Nosings** *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	26.63	3.50
		For 3/8" Thick, Add	*5.26*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	33.23	3.50
		For 3/8" Thick, Add	*6.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	47.93	3.50
		For 3/8" Thick, Add	*10.59*	

05 55 16 00-0005 Abrasive Cast Iron Nosings *(05 55 16)*

Note: Includes abrasive diamond pattern surface and anchors.

05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	31.45	3.50
		For 3/8" Thick, Add	*6.47*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	39.57	3.50
		For 3/8" Thick, Add	*8.50*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	55.63	3.50
		For 3/8" Thick, Add	*12.51*	

05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.

05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	22.16	3.50
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.34	3.50
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	27.77	3.50
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	35.31	3.50
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	23.02	3.50
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.73	3.50
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	28.41	3.50
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.78	3.50

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	5.11	0.50
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	8.80	0.39

05 58 Formed Metal Fabrications *(05 50)*

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	103.21	5.13
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	101.92	5.13
05 58 16 00-0004	SF	Aluminum Drip Pan	71.29	4.11
05 58 16 00-0005	SF	Plastic Drip Pan	17.28	3.60

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	187.28	16.78
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	221.45	16.78
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	253.68	16.78
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	287.85	16.78
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	320.27	16.78
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	362.29	16.78
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	390.92	16.78
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	435.24	16.78
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	464.34	16.78
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	485.11	16.78

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	372.84	34.96
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	491.51	34.96

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	207.87	16.78
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	230.59	16.78
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	258.94	16.78
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	285.45	16.78
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	316.11	16.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	330.89	16.78
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	366.44	16.78
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	396.46	16.78
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	428.32	16.78
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	460.64	16.78
05 58 23 00-0029		Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*		
		Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	310.11	16.78
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	335.04	16.78
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	360.90	16.78
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	390.92	16.78
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	420.93	16.78
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	445.40	16.78
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	473.57	16.78
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	505.43	16.78
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	539.60	16.78
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	569.62	16.78
05 58 23 00-0040		Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*		
		Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	325.55	34.96
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	421.78	34.96
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)*		
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	424.30	46.61
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	447.39	46.61
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	460.78	46.61
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	480.64	46.61
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	476.02	46.61
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	500.49	46.61
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	507.42	46.61
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	515.27	46.61
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	552.67	46.61
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	567.45	46.61
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	595.16	46.61
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	606.70	46.61
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	663.50	46.61
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)*		
		Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	258.22	34.96
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	303.84	34.96
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	352.14	34.96
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	365.35	34.96
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	395.82	34.96

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*		
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	5.94	0.96
		For Plastic Dipped, Add	*0.60*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	7.03	1.27
		For Plastic Dipped, Add	*0.67*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	11.13	2.54
		For Plastic Dipped, Add	*0.91*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	17.88	4.29
		For Plastic Dipped, Add	*1.40*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	30.19	7.25
		For Plastic Dipped, Add	*2.36*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	42.36	10.17
		For Plastic Dipped, Add	*3.30*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	57.72	12.71
		For Plastic Dipped, Add	*4.85*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	83.41	16.94
		For Plastic Dipped, Add	*7.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	135.59	25.42
		For Plastic Dipped, Add	*12.71*	

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels	9.32	2.71
		For Up To 2, Add	*2.59*	
		For >2 To 6, Add	*1.48*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.86*	
		For Galvanized, Add	*2.51*	
		For Aluminum, Add	*3.42*	
		For 304 Stainless Steel, Add	*13.68*	
		For 316 Stainless Steel, Add	*15.68*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	10.03	2.82
		For Up To 2, Add	*2.76*	
		For >2 To 6, Add	*1.57*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.94*	
		For Galvanized, Add	*2.75*	
		For Aluminum, Add	*3.76*	
		For 304 Stainless Steel, Add	*15.02*	
		For 316 Stainless Steel, Add	*17.22*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	10.66	3.14
		For Up To 2, Add	*2.97*	
		For >2 To 6, Add	*1.69*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.89*	
		For 304 Stainless Steel, Add	*15.55*	
		For 316 Stainless Steel, Add	*17.82*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	11.24	3.27
		For Up To 2, Add	*3.12*	
		For >2 To 6, Add	*1.78*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.03*	
		For Galvanized, Add	*3.03*	
		For Aluminum, Add	*4.13*	
		For 304 Stainless Steel, Add	*16.54*	
		For 316 Stainless Steel, Add	*18.95*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	12.28	3.66
		For Up To 2, Add	*3.43*	
		For >2 To 6, Add	*1.96*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.26*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*17.76*	
		For 316 Stainless Steel, Add	*20.35*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	14.12	4.07
		For Up To 2, Add	*3.91*	
		For >2 To 6, Add	*2.23*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.30*	
		For Galvanized, Add	*3.82*	
		For Aluminum, Add	*5.21*	
		For 304 Stainless Steel, Add	*20.83*	
		For 316 Stainless Steel, Add	*23.87*	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	16.03	4.49
		For Up To 2, Add	*4.40*	
		For >2 To 6, Add	*2.50*	
		For >15 To 40, Deduct	*-0.50*	
		For >40, Deduct	*-1.51*	
		For Galvanized, Add	*4.42*	
		For Aluminum, Add	*6.03*	
		For 304 Stainless Steel, Add	*24.12*	
		For 316 Stainless Steel, Add	*27.64*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	18.38	4.98
		For Up To 2, Add	*5.00*	
		For >2 To 6, Add	*2.83*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.76*	
		For Galvanized, Add	*5.17*	
		For Aluminum, Add	*7.04*	
		For 304 Stainless Steel, Add	*28.18*	
		For 316 Stainless Steel, Add	*32.29*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	9.77	2.87
		For Up To 2, Add	*2.72*	
		For >2 To 6, Add	*1.55*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.89*	
		For Galvanized, Add	*2.61*	
		For Aluminum, Add	*3.56*	
		For 304 Stainless Steel, Add	*14.26*	
		For 316 Stainless Steel, Add	*16.34*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	10.76	3.03
		For Up To 2, Add	*2.96*	
		For >2 To 6, Add	*1.68*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.01*	
		For Galvanized, Add	*2.96*	
		For Aluminum, Add	*4.03*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.48*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	11.56	3.40
		For Up To 2, Add	*3.22*	
		For >2 To 6, Add	*1.84*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.05*	
		For Galvanized, Add	*3.09*	
		For Aluminum, Add	*4.21*	
		For 304 Stainless Steel, Add	*16.85*	
		For 316 Stainless Steel, Add	*19.31*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.08	3.51
		For Up To 2, Add	*3.35*	
		For >2 To 6, Add	*1.91*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.26*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*17.76*	
		For 316 Stainless Steel, Add	*20.35*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.20	3.93
		For Up To 2, Add	*3.69*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.50*	
		For Aluminum, Add	*4.78*	
		For 304 Stainless Steel, Add	*19.10*	
		For 316 Stainless Steel, Add	*21.89*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.20	4.40
		For Up To 2, Add	*4.21*	
		For >2 To 6, Add	*2.40*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.40*	
		For Galvanized, Add	*4.11*	
		For Aluminum, Add	*5.60*	
		For 304 Stainless Steel, Add	*22.42*	
		For 316 Stainless Steel, Add	*25.69*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	17.23	4.82
		For Up To 2, Add	*4.73*	
		For >2 To 6, Add	*2.69*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.62*	
		For Galvanized, Add	*4.75*	
		For Aluminum, Add	*6.48*	
		For 304 Stainless Steel, Add	*25.92*	
		For 316 Stainless Steel, Add	*29.70*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.78	5.36
		For Up To 2, Add	*5.39*	
		For >2 To 6, Add	*3.05*	
		For >15 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.89*	
		For Galvanized, Add	*5.56*	
		For Aluminum, Add	*7.58*	
		For 304 Stainless Steel, Add	*30.31*	
		For 316 Stainless Steel, Add	*34.73*	

05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	10.83	3.20
		For Up To 2, Add	*3.02*	
		For >2 To 6, Add	*1.72*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.99*	
		For Galvanized, Add	*2.90*	
		For Aluminum, Add	*3.95*	
		For 304 Stainless Steel, Add	*15.79*	
		For 316 Stainless Steel, Add	*18.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	11.92	3.36
		For Up To 2, Add	*3.28*	
		For >2 To 6, Add	*1.86*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.27*	
		For Aluminum, Add	*4.46*	
		For 304 Stainless Steel, Add	*17.86*	
		For 316 Stainless Steel, Add	*20.46*	
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	12.64	3.72
		For Up To 2, Add	*3.52*	
		For >2 To 6, Add	*2.01*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.38*	
		For Aluminum, Add	*4.61*	
		For 304 Stainless Steel, Add	*18.43*	
		For 316 Stainless Steel, Add	*21.12*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.33	3.87
		For Up To 2, Add	*3.70*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.59*	
		For Aluminum, Add	*4.90*	
		For 304 Stainless Steel, Add	*19.61*	
		For 316 Stainless Steel, Add	*22.47*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.53	4.33
		For Up To 2, Add	*4.06*	
		For >2 To 6, Add	*2.32*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.31*	
		For Galvanized, Add	*3.85*	
		For Aluminum, Add	*5.25*	
		For 304 Stainless Steel, Add	*21.00*	
		For 316 Stainless Steel, Add	*24.06*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	16.60	4.80
		For Up To 2, Add	*4.60*	
		For >2 To 6, Add	*2.62*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.53*	
		For Galvanized, Add	*4.49*	
		For Aluminum, Add	*6.13*	
		For 304 Stainless Steel, Add	*24.50*	
		For 316 Stainless Steel, Add	*28.08*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	18.84	5.28
		For Up To 2, Add	*5.17*	
		For >2 To 6, Add	*2.94*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.77*	
		For Galvanized, Add	*5.20*	
		For Aluminum, Add	*7.09*	
		For 304 Stainless Steel, Add	*28.34*	
		For 316 Stainless Steel, Add	*32.48*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	21.57	5.85
		For Up To 2, Add	*5.87*	
		For >2 To 6, Add	*3.33*	
		For >15 To 40, Deduct	*-0.69*	
		For >40, Deduct	*-2.07*	
		For Galvanized, Add	*6.06*	
		For Aluminum, Add	*8.27*	
		For 304 Stainless Steel, Add	*33.07*	
		For 316 Stainless Steel, Add	*37.90*	
05 59 69 00-0030		1-1/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	11.05	3.45
		For Up To 2, Add	*3.13*	
		For >2 To 6, Add	*1.80*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.83*	
		For Aluminum, Add	*3.86*	
		For 304 Stainless Steel, Add	*15.46*	
		For 316 Stainless Steel, Add	*17.71*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	11.96	3.62
		For Up To 2, Add	*3.36*	
		For >2 To 6, Add	*1.92*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.14*	
		For Aluminum, Add	*4.28*	
		For 304 Stainless Steel, Add	*17.11*	
		For 316 Stainless Steel, Add	*19.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.01	3.77
		For Up To 2, Add	*3.61*	
		For >2 To 6, Add	*2.06*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.20*	
		For Galvanized, Add	*3.51*	
		For Aluminum, Add	*4.79*	
		For 304 Stainless Steel, Add	*19.15*	
		For 316 Stainless Steel, Add	*21.95*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	13.42	3.84
		For Up To 2, Add	*3.71*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.25*	
		For Galvanized, Add	*3.65*	
		For Aluminum, Add	*4.98*	
		For 304 Stainless Steel, Add	*19.92*	
		For 316 Stainless Steel, Add	*22.83*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.53	4.34
		For Up To 2, Add	*4.06*	
		For >2 To 6, Add	*2.32*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.31*	
		For Galvanized, Add	*3.85*	
		For Aluminum, Add	*5.24*	
		For 304 Stainless Steel, Add	*20.98*	
		For 316 Stainless Steel, Add	*24.04*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	16.37	4.88
		For Up To 2, Add	*4.58*	
		For >2 To 6, Add	*2.61*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.48*	
		For Galvanized, Add	*4.34*	
		For Aluminum, Add	*5.92*	
		For 304 Stainless Steel, Add	*23.66*	
		For 316 Stainless Steel, Add	*27.12*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	18.64	5.39
		For Up To 2, Add	*5.16*	
		For >2 To 6, Add	*2.94*	
		For >15 To 40, Deduct	*-0.57*	
		For >40, Deduct	*-1.72*	
		For Galvanized, Add	*5.04*	
		For Aluminum, Add	*6.88*	
		For 304 Stainless Steel, Add	*27.50*	
		For 316 Stainless Steel, Add	*31.52*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	21.05	5.89
		For Up To 2, Add	*5.78*	
		For >2 To 6, Add	*3.28*	
		For >15 To 40, Deduct	*-0.66*	
		For >40, Deduct	*-1.98*	
		For Galvanized, Add	*5.81*	
		For Aluminum, Add	*7.92*	
		For 304 Stainless Steel, Add	*31.68*	
		For 316 Stainless Steel, Add	*36.30*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	24.13	6.54
		For Up To 2, Add	*6.57*	
		For >2 To 6, Add	*3.72*	
		For >15 To 40, Deduct	*-0.77*	
		For >40, Deduct	*-2.31*	
		For Galvanized, Add	*6.78*	
		For Aluminum, Add	*9.25*	
		For 304 Stainless Steel, Add	*37.01*	
		For 316 Stainless Steel, Add	*42.41*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	12.60	4.04
		For Up To 2, Add	*3.60*	
		For >2 To 6, Add	*2.07*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.08*	
		For Galvanized, Add	*3.17*	
		For Aluminum, Add	*4.33*	
		For 304 Stainless Steel, Add	*17.30*	
		For 316 Stainless Steel, Add	*19.83*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.53	4.21
		For Up To 2, Add	*3.83*	
		For >2 To 6, Add	*2.19*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.48*	
		For Aluminum, Add	*4.75*	
		For 304 Stainless Steel, Add	*19.01*	
		For 316 Stainless Steel, Add	*21.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.09	4.40
		For Up To 2, Add	*3.99*	
		For >2 To 6, Add	*2.29*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.93*	
		For 304 Stainless Steel, Add	*19.73*	
		For 316 Stainless Steel, Add	*22.61*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.14	4.46
		For Up To 2, Add	*4.22*	
		For >2 To 6, Add	*2.41*	
		For >15 To 40, Deduct	*-0.46*	
		For >40, Deduct	*-1.38*	
		For Galvanized, Add	*4.04*	
		For Aluminum, Add	*5.51*	
		For 304 Stainless Steel, Add	*22.06*	
		For 316 Stainless Steel, Add	*25.27*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	16.82	5.02
		For Up To 2, Add	*4.70*	
		For >2 To 6, Add	*2.69*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.52*	
		For Galvanized, Add	*4.45*	
		For Aluminum, Add	*6.07*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*27.83*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	18.88	5.63
		For Up To 2, Add	*5.28*	
		For >2 To 6, Add	*3.01*	
		For >15 To 40, Deduct	*-0.57*	
		For >40, Deduct	*-1.71*	
		For Galvanized, Add	*5.01*	
		For Aluminum, Add	*6.83*	
		For 304 Stainless Steel, Add	*27.31*	
		For 316 Stainless Steel, Add	*31.30*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	21.62	6.24
		For Up To 2, Add	*5.99*	
		For >2 To 6, Add	*3.41*	
		For >15 To 40, Deduct	*-0.66*	
		For >40, Deduct	*-1.99*	
		For Galvanized, Add	*5.85*	
		For Aluminum, Add	*7.97*	
		For 304 Stainless Steel, Add	*31.90*	
		For 316 Stainless Steel, Add	*36.55*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	24.37	6.82
		For Up To 2, Add	*6.69*	
		For >2 To 6, Add	*3.80*	
		For >15 To 40, Deduct	*-0.76*	
		For >40, Deduct	*-2.29*	
		For Galvanized, Add	*6.72*	
		For Aluminum, Add	*9.17*	
		For 304 Stainless Steel, Add	*36.67*	
		For 316 Stainless Steel, Add	*42.02*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	27.85	7.54
		For Up To 2, Add	*7.58*	
		For >2 To 6, Add	*4.29*	
		For >15 To 40, Deduct	*-0.89*	
		For >40, Deduct	*-2.67*	
		For Galvanized, Add	*7.83*	
		For Aluminum, Add	*10.67*	
		For 304 Stainless Steel, Add	*42.70*	
		For 316 Stainless Steel, Add	*48.92*	
05 59 69 00-0050		3/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	12.77	4.03
		For Up To 2, Add	*3.63*	
		For >2 To 6, Add	*2.08*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.25*	
		For Aluminum, Add	*4.43*	
		For 304 Stainless Steel, Add	*17.74*	
		For 316 Stainless Steel, Add	*20.32*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.25	4.53
		For Up To 2, Add	*4.06*	
		For >2 To 6, Add	*2.33*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.93*	
		For 304 Stainless Steel, Add	*19.73*	
		For 316 Stainless Steel, Add	*22.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	15.75	5.11
		For Up To 2, Add	*4.51*	
		For >2 To 6, Add	*2.60*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.34*	
		For Galvanized, Add	*3.93*	
		For Aluminum, Add	*5.36*	
		For 304 Stainless Steel, Add	*21.46*	
		For 316 Stainless Steel, Add	*24.59*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.05	5.45
		For Up To 2, Add	*4.66*	
		For >2 To 6, Add	*2.80*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.47*	
		For Galvanized, Add	*4.30*	
		For Aluminum, Add	*5.87*	
		For 304 Stainless Steel, Add	*23.47*	
		For 316 Stainless Steel, Add	*26.90*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	19.75	6.13
		For Up To 2, Add	*5.59*	
		For >2 To 6, Add	*3.20*	
		For >15 To 40, Deduct	*-0.58*	
		For >40, Deduct	*-1.74*	
		For Galvanized, Add	*5.09*	
		For Aluminum, Add	*6.94*	
		For 304 Stainless Steel, Add	*27.77*	
		For 316 Stainless Steel, Add	*31.82*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	22.75	6.86
		For Up To 2, Add	*6.38*	
		For >2 To 6, Add	*3.65*	
		For >15 To 40, Deduct	*-0.68*	
		For >40, Deduct	*-2.04*	
		For Galvanized, Add	*5.99*	
		For Aluminum, Add	*8.17*	
		For 304 Stainless Steel, Add	*32.66*	
		For 316 Stainless Steel, Add	*37.43*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	25.95	7.57
		For Up To 2, Add	*7.21*	
		For >2 To 6, Add	*4.11*	
		For >15 To 40, Deduct	*-0.79*	
		For >40, Deduct	*-2.38*	
		For Galvanized, Add	*6.97*	
		For Aluminum, Add	*9.50*	
		For 304 Stainless Steel, Add	*38.02*	
		For 316 Stainless Steel, Add	*43.56*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	29.11	8.24
		For Up To 2, Add	*8.02*	
		For >2 To 6, Add	*4.56*	
		For >15 To 40, Deduct	*-0.91*	
		For >40, Deduct	*-2.72*	
		For Galvanized, Add	*7.98*	
		For Aluminum, Add	*10.88*	
		For 304 Stainless Steel, Add	*43.51*	
		For 316 Stainless Steel, Add	*49.86*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	33.24	9.11
		For Up To 2, Add	*9.08*	
		For >2 To 6, Add	*5.15*	
		For >15 To 40, Deduct	*-1.06*	
		For >40, Deduct	*-3.17*	
		For Galvanized, Add	*9.28*	
		For Aluminum, Add	*12.66*	
		For 304 Stainless Steel, Add	*50.64*	
		For 316 Stainless Steel, Add	*58.03*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.31	4.32
		For Up To 2, Add	*3.81*	
		For >2 To 6, Add	*2.20*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.13*	
		For Galvanized, Add	*3.32*	
		For Aluminum, Add	*4.53*	
		For 304 Stainless Steel, Add	*18.12*	
		For 316 Stainless Steel, Add	*20.76*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	15.55	5.24
		For Up To 2, Add	*4.51*	
		For >2 To 6, Add	*2.61*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.28*	
		For Galvanized, Add	*3.76*	
		For Aluminum, Add	*5.12*	
		For 304 Stainless Steel, Add	*20.50*	
		For 316 Stainless Steel, Add	*23.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	18.81	6.21
		For Up To 2, Add	*5.42*	
		For >2 To 6, Add	*3.12*	
		For >15 To 40, Deduct	*-0.53*	
		For >40, Deduct	*-1.58*	
		For Galvanized, Add	*4.63*	
		For Aluminum, Add	*6.32*	
		For 304 Stainless Steel, Add	*25.27*	
		For 316 Stainless Steel, Add	*28.96*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	21.72	6.97
		For Up To 2, Add	*6.20*	
		For >2 To 6, Add	*3.57*	
		For >15 To 40, Deduct	*-0.62*	
		For >40, Deduct	*-1.86*	
		For Galvanized, Add	*5.47*	
		For Aluminum, Add	*7.46*	
		For 304 Stainless Steel, Add	*29.83*	
		For 316 Stainless Steel, Add	*34.18*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	24.99	7.78
		For Up To 2, Add	*7.07*	
		For >2 To 6, Add	*4.05*	
		For >15 To 40, Deduct	*-0.73*	
		For >40, Deduct	*-2.19*	
		For Galvanized, Add	*6.43*	
		For Aluminum, Add	*8.77*	
		For 304 Stainless Steel, Add	*35.09*	
		For 316 Stainless Steel, Add	*40.21*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	28.70	8.66
		For Up To 2, Add	*8.05*	
		For >2 To 6, Add	*4.60*	
		For >15 To 40, Deduct	*-0.86*	
		For >40, Deduct	*-2.57*	
		For Galvanized, Add	*7.54*	
		For Aluminum, Add	*10.28*	
		For 304 Stainless Steel, Add	*41.14*	
		For 316 Stainless Steel, Add	*47.14*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	32.53	9.53
		For Up To 2, Add	*9.05*	
		For >2 To 6, Add	*5.16*	
		For >15 To 40, Deduct	*-0.99*	
		For >40, Deduct	*-2.97*	
		For Galvanized, Add	*8.73*	
		For Aluminum, Add	*11.90*	
		For 304 Stainless Steel, Add	*47.59*	
		For 316 Stainless Steel, Add	*54.53*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	36.40	10.33
		For Up To 2, Add	*10.03*	
		For >2 To 6, Add	*5.71*	
		For >15 To 40, Deduct	*-1.13*	
		For >40, Deduct	*-3.39*	
		For Galvanized, Add	*9.96*	
		For Aluminum, Add	*13.58*	
		For 304 Stainless Steel, Add	*54.31*	
		For 316 Stainless Steel, Add	*62.23*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	37.78	11.37
		For Up To 2, Add	*10.59*	
		For >2 To 6, Add	*6.05*	
		For >15 To 40, Deduct	*-1.13*	
		For >40, Deduct	*-3.39*	
		For Galvanized, Add	*9.96*	
		For Aluminum, Add	*13.58*	
		For 304 Stainless Steel, Add	*54.31*	
		For 316 Stainless Steel, Add	*62.23*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	10.72	3.72
		For Galvanized, Add	*2.53*	
		For Aluminum, Add	*3.46*	
		For 304 Stainless Steel, Add	*13.82*	
		For 316 Stainless Steel, Add	*15.84*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	13.58	4.07
		For Galvanized, Add	*3.58*	
		For Aluminum, Add	*4.88*	
		For 304 Stainless Steel, Add	*19.54*	
		For 316 Stainless Steel, Add	*22.39*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.69	2.87
		For Galvanized, Add	*1.70*	
		For Aluminum, Add	*2.32*	
		For 304 Stainless Steel, Add	*9.26*	
		For 316 Stainless Steel, Add	*10.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	8.41	3.14
		For Galvanized, Add	*1.86*	
		For Aluminum, Add	*2.54*	
		For 304 Stainless Steel, Add	*10.15*	
		For 316 Stainless Steel, Add	*11.63*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	9.48	3.72
		For Galvanized, Add	*1.99*	
		For Aluminum, Add	*2.71*	
		For 304 Stainless Steel, Add	*10.85*	
		For 316 Stainless Steel, Add	*12.43*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	12.13	4.80
		For Galvanized, Add	*2.53*	
		For Aluminum, Add	*3.44*	
		For 304 Stainless Steel, Add	*13.78*	
		For 316 Stainless Steel, Add	*15.79*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.66	2.82
		For Galvanized, Add	*1.27*	
		For Aluminum, Add	*1.73*	
		For 304 Stainless Steel, Add	*6.94*	
		For 316 Stainless Steel, Add	*7.95*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	7.48	3.03
		For Galvanized, Add	*1.51*	
		For Aluminum, Add	*2.06*	
		For 304 Stainless Steel, Add	*8.26*	
		For 316 Stainless Steel, Add	*9.46*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	8.56	3.40
		For Galvanized, Add	*1.77*	
		For Aluminum, Add	*2.41*	
		For 304 Stainless Steel, Add	*9.65*	
		For 316 Stainless Steel, Add	*11.06*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	13.44	5.63
		For Galvanized, Add	*2.61*	
		For Aluminum, Add	*3.56*	
		For 304 Stainless Steel, Add	*14.26*	
		For 316 Stainless Steel, Add	*16.34*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	7.40	3.45
		For Galvanized, Add	*1.23*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*6.70*	
		For 316 Stainless Steel, Add	*7.67*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	6.43	2.71
		For Galvanized, Add	*1.24*	
		For Aluminum, Add	*1.69*	
		For 304 Stainless Steel, Add	*6.74*	
		For 316 Stainless Steel, Add	*7.73*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	7.41	3.20
		For Galvanized, Add	*1.39*	
		For Aluminum, Add	*1.90*	
		For 304 Stainless Steel, Add	*7.58*	
		For 316 Stainless Steel, Add	*8.69*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	11.59	4.32
		For Galvanized, Add	*2.57*	
		For Aluminum, Add	*3.50*	
		For 304 Stainless Steel, Add	*13.99*	
		For 316 Stainless Steel, Add	*16.03*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	423.68	49.68
		For Galvanized, Add	*227.02*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	482.64	54.65
		For Galvanized, Add	*261.34*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	534.06	59.62
		For Galvanized, Add	*290.37*	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	572.28	64.59
		For Galvanized, Add	*310.17*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	67.52	10.93
		For Rake Or Angle Railings, Add	*9.48*	
		For Curved Railings, Add	*17.64*	
		For 4" On Center Standards, Add	*1.76*	
		For 4-1/2" On Center Standards, Add	*1.41*	
		For 5" On Center Standards, Add	*0.94*	
		For 5-1/2" On Center Standards, Add	*0.47*	
		For Each Field Bending Of Rails, Add	*13.51*	
		For Galvanized, Add	*3.29*	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	128.77	14.90
		For Rake Or Angle Railings, Add	*15.40*	
		For Curved Railings, Add	*41.14*	
		For 4" On Center Standards, Add	*5.12*	
		For 4-1/2" On Center Standards, Add	*4.09*	
		For 5" On Center Standards, Add	*2.73*	
		For 5-1/2" On Center Standards, Add	*1.36*	
		For Each Field Bending Of Rails, Add	*17.64*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	233.34	24.85
		For Rake Or Angle Railings, Add	*25.37*	
		For Curved Railings, Add	*81.69*	
		For 4" On Center Standards, Add	*10.94*	
		For 4-1/2" On Center Standards, Add	*8.75*	
		For 5" On Center Standards, Add	*5.84*	
		For 5-1/2" On Center Standards, Add	*2.92*	
		For Each Field Bending Of Rails, Add	*24.36*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	227.96	19.87
		For Rake Or Angle Railings, Add	*24.25*	
		For Curved Railings, Add	*81.31*	
		For 4" On Center Standards, Add	*11.04*	
		For 4-1/2" On Center Standards, Add	*8.84*	
		For 5" On Center Standards, Add	*5.89*	
		For 5-1/2" On Center Standards, Add	*2.95*	
		For Each Field Bending Of Rails, Add	*22.68*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	206.38	30.30
		For Rake Or Angle Railings, Add	*20.53*	
		For Curved Railings, Add	*77.60*	
		For 4" On Center Standards, Add	*10.93*	
		For 4-1/2" On Center Standards, Add	*8.75*	
		For 5" On Center Standards, Add	*5.83*	
		For 5-1/2" On Center Standards, Add	*2.92*	
		For Each Field Bending Of Rails, Add	*17.66*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	159.90	4.97
		For Rake Or Angle Railings, Add	*12.57*	
		For Curved Railings, Add	*69.50*	
		For 4" On Center Standards, Add	*10.67*	
		For 4-1/2" On Center Standards, Add	*8.53*	
		For 5" On Center Standards, Add	*5.69*	
		For 5-1/2" On Center Standards, Add	*2.84*	
		For Each Field Bending Of Rails, Add	*6.92*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	51.66	10.62
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	108.64	39.04
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	49.12	19.57
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	82.02	39.04
05 73 23 00-0014	LF	2" Stainless Steel Handrail	56.73	13.29

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0370 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	9.22	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	9.18	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	91.42	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	28.68	1.82
		For >16 To 200, Deduct	*-1.57*	
		For >200 To 500, Deduct	*-3.14*	
		For >500, Deduct	*-4.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	36.16	2.04
		For >16 To 200, Deduct	*-1.96*	
		For >200 To 500, Deduct	*-3.92*	
		For >500, Deduct	*-5.73*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	39.63	2.19
		For >16 To 200, Deduct	*-2.15*	
		For >200 To 500, Deduct	*-4.29*	
		For >500, Deduct	*-6.27*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	42.89	2.31
		For >16 To 200, Deduct	*-2.32*	
		For >200 To 500, Deduct	*-4.64*	
		For >500, Deduct	*-6.78*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	49.21	2.41
		For >16 To 200, Deduct	*-2.64*	
		For >200 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.74*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	63.10	2.53
		For >16 To 200, Deduct	*-3.34*	
		For >200 To 500, Deduct	*-6.69*	
		For >500, Deduct	*-9.84*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	74.41	2.64
		For >16 To 200, Deduct	*-3.92*	
		For >200 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-11.56*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	90.56	2.85
		For >16 To 200, Deduct	*-4.74*	
		For >200 To 500, Deduct	*-9.48*	
		For >500, Deduct	*-14.01*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	111.87	3.07
		For >16 To 200, Deduct	*-5.82*	
		For >200 To 500, Deduct	*-11.65*	
		For >500, Deduct	*-17.24*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	166.00	3.30
		For >16 To 200, Deduct	*-8.55*	
		For >200 To 500, Deduct	*-17.09*	
		For >500, Deduct	*-25.39*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.58	2.20
		For >16 To 200, Deduct	*-0.89*	
		For >200 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.53	2.37
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.84*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	18.02	2.49
		For >16 To 200, Deduct	*-1.09*	
		For >200 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.08*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	21.23	2.60
		For >16 To 200, Deduct	*-1.26*	
		For >200 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.58*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	24.34	2.72
		For >16 To 200, Deduct	*-1.42*	
		For >200 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-4.06*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	28.27	2.84
		For >16 To 200, Deduct	*-1.63*	
		For >200 To 500, Deduct	*-3.25*	
		For >500, Deduct	*-4.67*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	40.96	3.32
		For >16 To 200, Deduct	*-2.30*	
		For >200 To 500, Deduct	*-4.59*	
		For >500, Deduct	*-6.64*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	55.74	3.52
		For >16 To 200, Deduct	*-3.05*	
		For >200 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.89*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	76.52	4.27
		For >16 To 200, Deduct	*-4.15*	
		For >200 To 500, Deduct	*-8.29*	
		For >500, Deduct	*-12.12*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	128.85	4.58
		For >16 To 200, Deduct	*-6.79*	
		For >200 To 500, Deduct	*-13.57*	
		For >500, Deduct	*-20.01*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	165.06	5.33
		For >16 To 200, Deduct	*-8.65*	
		For >200 To 500, Deduct	*-17.31*	
		For >500, Deduct	*-25.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0025		**Aluminum Sheets, Installed On Walls** *(05 75 00 00-0001)*		
		Note: Includes field fabrication.		
05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	8.46	1.82
		For >16 To 200, Deduct	*-0.56*	
		For >200 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.54*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	9.60	2.04
		For >16 To 200, Deduct	*-0.63*	
		For >200 To 500, Deduct	*-1.27*	
		For >500, Deduct	*-1.75*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	10.70	2.19
		For >16 To 200, Deduct	*-0.70*	
		For >200 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-1.93*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	11.84	2.31
		For >16 To 200, Deduct	*-0.77*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.12*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	12.97	2.41
		For >16 To 200, Deduct	*-0.83*	
		For >200 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.31*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	14.21	2.53
		For >16 To 200, Deduct	*-0.90*	
		For >200 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.51*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	15.73	2.64
		For >16 To 200, Deduct	*-0.98*	
		For >200 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.76*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	18.71	3.07
		For >16 To 200, Deduct	*-1.17*	
		For >200 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.27*	
05 75 00 00-0034		**Galvanized Steel Sheets, Installed On Walls** *(05 75 00 00-0001)*		
		Note: Includes field fabrication.		
05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	8.66	1.82
		For >16 To 200, Deduct	*-0.57*	
		For >200 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.57*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.59	2.04
		For >16 To 200, Deduct	*-0.63*	
		For >200 To 500, Deduct	*-1.26*	
		For >500, Deduct	*-1.74*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.16	2.19
		For >16 To 200, Deduct	*-0.67*	
		For >200 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.85*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.82	2.31
		For >16 To 200, Deduct	*-0.71*	
		For >200 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.97*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.72	2.41
		For >16 To 200, Deduct	*-0.77*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.12*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.70	2.53
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.28*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.34	2.64
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.55*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	16.62	2.85
		For >16 To 200, Deduct	*-1.05*	
		For >200 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.92*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	19.16	3.30
		For >16 To 200, Deduct	*-1.21*	
		For >200 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.37*	
05 75 00 00-0044		**Galvanized Zinc-Plated Steel Sheets, Installed On Walls** *(05 75 00 00-0001)*		
		Note: Includes field fabrication.		
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	10.46	1.73
		For >16 To 200, Deduct	*-0.70*	
		For >200 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.10	1.96
		For >16 To 200, Deduct	*-0.80*	
		For >200 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.21*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.74	2.18
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.50*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.19	2.35
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.75*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration ***(06 01 20)***

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.	7.21	

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 91 Architectural Woodwork Restoration ***(06 01 40)***

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	37.61	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges	35.04	

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	11.21	
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.78*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	15.12	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-3.11*	
		For >500, Deduct	*-4.38*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	16.69	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.22*	
		For >500, Deduct	*-4.54*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	33.52	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.15*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.28*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	5.99	2.79
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.73*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	6.69	3.07
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-3.07*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	6.08	2.79
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	6.69	2.98
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.94*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	12.12	3.07
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.61*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	10.82	3.07
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.48*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	11.82	3.45
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.82*	
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	13.47	3.64
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.96*	
		For >500, Deduct	*-4.19*	

06 05 23 00-0016 Reinforcing Angle Wood Construction Connectors *(06 05 23)*

Note: Including nails.

06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	6.76	2.61
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.80*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	8.50	2.79
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-3.11*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	9.77	2.89
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-3.31*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	10.89	2.98
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.53*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	7.46	2.61
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.87*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	8.26	2.79
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.08*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	9.71	2.89
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.30*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	11.63	2.98
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.61*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0025		**Hold Down Anchors** *(06 05 23)*			
		Note: Including nails.			
06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)		50.35	
		For >10 To 50, Deduct		*-1.44*	
		For >50 To 100, Deduct		*-3.42*	
		For >100 To 250, Deduct		*-6.85*	
		For >250 To 500, Deduct		*-11.72*	
		For >500, Deduct		*-16.59*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)		72.01	
		For >10 To 50, Deduct		*-1.49*	
		For >50 To 100, Deduct		*-4.04*	
		For >100 To 250, Deduct		*-8.07*	
		For >250 To 500, Deduct		*-13.60*	
		For >500, Deduct		*-19.13*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)		89.54	
		For >10 To 50, Deduct		*-1.58*	
		For >50 To 100, Deduct		*-4.61*	
		For >100 To 250, Deduct		*-9.23*	
		For >250 To 500, Deduct		*-15.43*	
		For >500, Deduct		*-21.63*	
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)		105.96	
		For >10 To 50, Deduct		*-1.77*	
		For >50 To 100, Deduct		*-5.30*	
		For >100 To 250, Deduct		*-10.61*	
		For >250 To 500, Deduct		*-17.68*	
		For >500, Deduct		*-24.76*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)		173.44	
		For >10 To 50, Deduct		*-2.24*	
		For >50 To 100, Deduct		*-7.69*	
		For >100 To 250, Deduct		*-15.38*	
		For >250 To 500, Deduct		*-25.31*	
		For >500, Deduct		*-35.24*	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)		235.51	
		For >10 To 50, Deduct		*-2.33*	
		For >50 To 100, Deduct		*-9.38*	
		For >100 To 250, Deduct		*-18.76*	
		For >250 To 500, Deduct		*-30.48*	
		For >500, Deduct		*-42.19*	
06 05 23 00-0032		**Joist And Beam Hangers** *(06 05 23)*			
		Note: Including nails.			
06 05 23 00-0033	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers		6.42	2.61
		For >10 To 50, Deduct		*-0.27*	
		For >50 To 100, Deduct		*-0.56*	
		For >100 To 250, Deduct		*-1.12*	
		For >250 To 500, Deduct		*-1.94*	
		For >500, Deduct		*-2.77*	
06 05 23 00-0034	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers		7.20	2.79
		For >10 To 50, Deduct		*-0.28*	
		For >50 To 100, Deduct		*-0.60*	
		For >100 To 250, Deduct		*-1.21*	
		For >250 To 500, Deduct		*-2.09*	
		For >500, Deduct		*-2.98*	
06 05 23 00-0035	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers		10.40	2.89
		For >10 To 50, Deduct		*-0.29*	
		For >50 To 100, Deduct		*-0.70*	
		For >100 To 250, Deduct		*-1.39*	
		For >250 To 500, Deduct		*-2.38*	
		For >500, Deduct		*-3.37*	
06 05 23 00-0036	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers		11.34	2.98
		For >10 To 50, Deduct		*-0.31*	
		For >50 To 100, Deduct		*-0.74*	
		For >100 To 250, Deduct		*-1.48*	
		For >250 To 500, Deduct		*-2.53*	
		For >500, Deduct		*-3.58*	
06 05 23 00-0037	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers		17.79	3.16
		For >10 To 50, Deduct		*-0.31*	
		For >50 To 100, Deduct		*-0.92*	
		For >100 To 250, Deduct		*-1.83*	
		For >250 To 500, Deduct		*-3.06*	
		For >500, Deduct		*-4.30*	
06 05 23 00-0038	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers		21.34	3.27
		For >10 To 50, Deduct		*-0.32*	
		For >50 To 100, Deduct		*-1.02*	
		For >100 To 250, Deduct		*-2.03*	
		For >250 To 500, Deduct		*-3.37*	
		For >500, Deduct		*-4.71*	
06 05 23 00-0039		**Anchor And Ties** *(06 05 23)*			
		Note: Including nails.			
06 05 23 00-0040	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4)		33.29	
		Note: Includes nails. Excludes anchor bolt.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0041	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5) Note: Includes nails. Excludes anchor bolt.	41.28	
06 05 23 00-0042	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	4.24	
06 05 23 00-0043	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	4.80	

06 05 23 00-0044 Hurricane Ties *(06 05 23)*

06 05 23 00-0045	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	6.96	2.89
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.27*	
06 05 23 00-0046	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	2.59	
06 05 23 00-0047	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	7.48	
06 05 23 00-0048	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	8.77	2.89
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-3.45*	
06 05 23 00-0049	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	15.53	

06 05 23 00-0050 Post Column Bases *(06 05 23)*

Note: Including nails.

06 05 23 00-0051	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	27.38	
06 05 23 00-0052	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	43.83	
06 05 23 00-0053	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	45.21	

06 05 23 00-0054 Post Column Caps *(06 05 23)*

Note: Including nails.

06 05 23 00-0055	EA	4" Beam, 4" Post Flange, 18 Gauge, Post Cap (Simpson Strong Tie® BC4)	15.58	3.27
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.14*	
		For >500, Deduct	*-4.43*	
06 05 23 00-0056	EA	6" Beam, 6" Post Flange, 18 Gauge, Post Cap (Simpson Strong Tie® BC6)	35.43	3.27
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-4.74*	
		For >500, Deduct	*-6.57*	
06 05 23 00-0057	EA	4" Beam, 4" Post Column Cap, 7 Gauge, With Bolts (Simpson Strong Tie® CC44) Note: Excludes field welding	111.51	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-4.19*	
		For >100 To 250, Deduct	*-8.37*	
		For >250 To 500, Deduct	*-13.49*	
		For >500, Deduct	*-18.60*	
06 05 23 00-0058	EA	4" Beam, 6" Post Column Cap, 7 Gauge, With Bolts (Simpson Strong Tie® CC46)	180.59	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-6.26*	
		For >100 To 250, Deduct	*-12.52*	
		For >250 To 500, Deduct	*-19.95*	
		For >500, Deduct	*-27.38*	
06 05 23 00-0059	EA	4" Beam, 8" Post Column Cap, 7 Gauge, With Bolts (Simpson Strong Tie® CC48) Note: Excludes field welding	186.71	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-6.24*	
		For >100 To 250, Deduct	*-12.48*	
		For >250 To 500, Deduct	*-19.77*	
		For >500, Deduct	*-27.06*	
06 05 23 00-0060	EA	6" Beam, 6" Post Column Cap, 7 Gauge, With Bolts (Simpson Strong Tie® CC66)	195.72	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-6.74*	
		For >100 To 250, Deduct	*-13.49*	
		For >250 To 500, Deduct	*-21.47*	
		For >500, Deduct	*-29.45*	
06 05 23 00-0061	EA	5-1/8" Beam 6X Post Column Cap, 3 Gauge, With Bolts (Simpson Strong Tie® CC5 1/4-6)	227.46	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-14.87*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-32.06*	

06 05 23 00-0062 Rafter Connectors *(06 05 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0063	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	8.49	2.89
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.42*	

06 05 23 00-0064 Bolts And Fasteners *(06 05 23)*

06 05 23 00-0065 Carriage Bolts *(06 05 23 00-0064)*

Note: Includes drilling of holes in any material. Includes nut and washer.

06 05 23 00-0066 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0065)*

06 05 23 00-0067	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.41	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-4.26*	
		For >500, Deduct	*-6.09*	
06 05 23 00-0068	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.54	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-4.27*	
		For >500, Deduct	*-6.10*	
06 05 23 00-0069	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.62	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-4.28*	
		For >500, Deduct	*-6.11*	
06 05 23 00-0070	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.73	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.83*	
		For >250 To 500, Deduct	*-4.95*	
		For >500, Deduct	*-7.07*	
06 05 23 00-0071	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.69	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.61*	
		For >500, Deduct	*-6.59*	
06 05 23 00-0072	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.84	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.84*	
		For >250 To 500, Deduct	*-4.96*	
		For >500, Deduct	*-7.08*	
06 05 23 00-0073	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.05	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.97*	
		For >500, Deduct	*-7.10*	
06 05 23 00-0074	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.99	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.96*	
		For >500, Deduct	*-8.51*	
06 05 23 00-0075	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.56	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-6.34*	
		For >500, Deduct	*-9.04*	
06 05 23 00-0076	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.05	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-7.04*	
		For >500, Deduct	*-10.03*	
06 05 23 00-0077	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.29	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.99*	
		For >500, Deduct	*-7.12*	
06 05 23 00-0078	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.76	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.36*	
		For >500, Deduct	*-7.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0079	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.87	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.70*	
		For >500, Deduct	*-8.12*	
06 05 23 00-0080	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.03	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.66*	
		For >250 To 500, Deduct	*-6.37*	
		For >500, Deduct	*-9.09*	
06 05 23 00-0081	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.55	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.40*	
		For >500, Deduct	*-10.56*	
06 05 23 00-0082	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.40	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-8.13*	
		For >500, Deduct	*-11.58*	
06 05 23 00-0083	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.93	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.56*	
		For >250 To 500, Deduct	*-6.18*	
		For >500, Deduct	*-8.80*	
06 05 23 00-0084	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.71	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.79*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-9.36*	
06 05 23 00-0085	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.23	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.92*	
06 05 23 00-0086	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.64	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-8.19*	
		For >500, Deduct	*-11.64*	
06 05 23 00-0087	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.27	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.58*	
		For >100 To 250, Deduct	*-5.16*	
		For >250 To 500, Deduct	*-8.90*	
		For >500, Deduct	*-12.64*	
06 05 23 00-0088	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.92	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-9.21*	
		For >500, Deduct	*-13.08*	

06 05 23 00-0089 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0065)*

06 05 23 00-0090	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.64	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-4.28*	
		For >500, Deduct	*-6.11*	
06 05 23 00-0091	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.89	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-6.13*	
06 05 23 00-0092	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.16	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.32*	
		For >500, Deduct	*-6.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0093	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.63	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-5.02*	
		For >500, Deduct	*-7.16*	
06 05 23 00-0094	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.02	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.66*	
		For >250 To 500, Deduct	*-4.64*	
		For >500, Deduct	*-6.62*	
06 05 23 00-0095	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.35	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-5.00*	
		For >500, Deduct	*-7.13*	
06 05 23 00-0096	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.65	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-5.02*	
		For >500, Deduct	*-7.16*	
06 05 23 00-0097	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.91	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-6.03*	
		For >500, Deduct	*-8.60*	
06 05 23 00-0098	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.58	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.41*	
		For >500, Deduct	*-9.14*	
06 05 23 00-0099	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.00	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.13*	
06 05 23 00-0100	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.05	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.05*	
		For >500, Deduct	*-7.20*	
06 05 23 00-0101	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.36	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 250, Deduct	*-3.10*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.70*	
06 05 23 00-0102	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.58	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.31*	
		For >250 To 500, Deduct	*-5.75*	
		For >500, Deduct	*-8.19*	
06 05 23 00-0103	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.07	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.45*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0104	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.56	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.48*	
		For >500, Deduct	*-10.66*	
06 05 23 00-0105	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.17	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.71*	
		For >250 To 500, Deduct	*-8.19*	
		For >500, Deduct	*-11.66*	
06 05 23 00-0106	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.23	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-9.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0107	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.32	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.69*	
		For >500, Deduct	*-9.52*	
06 05 23 00-0108	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.37	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-7.77*	
		For >500, Deduct	*-11.04*	
06 05 23 00-0109	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.55	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-8.16*	
		For >500, Deduct	*-11.63*	
06 05 23 00-0110	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	34.75	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 250, Deduct	*-5.23*	
		For >250 To 500, Deduct	*-9.01*	
		For >500, Deduct	*-12.79*	
06 05 23 00-0111	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	37.02	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 250, Deduct	*-5.49*	
		For >250 To 500, Deduct	*-9.44*	
		For >500, Deduct	*-13.39*	
06 05 23 00-0112		304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0065)*		
06 05 23 00-0113	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	13.42	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.34*	
		For >500, Deduct	*-6.19*	
06 05 23 00-0114	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.85	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.44*	
		For >500, Deduct	*-6.33*	
06 05 23 00-0115	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.79	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-4.51*	
		For >500, Deduct	*-6.42*	
06 05 23 00-0116	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.76	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.49*	
		For >250 To 500, Deduct	*-5.93*	
		For >500, Deduct	*-8.37*	
06 05 23 00-0117	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.68	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.76*	
		For >500, Deduct	*-6.78*	
06 05 23 00-0118	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.70	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.46*	
06 05 23 00-0119	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.15	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.05*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.51*	
06 05 23 00-0120	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	36.89	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-4.36*	
		For >250 To 500, Deduct	*-7.38*	
		For >500, Deduct	*-10.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0121	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	45.29	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.27*	
		For >500, Deduct	*-11.61*	
06 05 23 00-0122	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	50.78	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.19*	
		For >500, Deduct	*-12.91*	
06 05 23 00-0123	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.37	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.37*	
		For >500, Deduct	*-7.63*	
06 05 23 00-0124	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.30	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.40*	
		For >250 To 500, Deduct	*-5.85*	
		For >500, Deduct	*-8.29*	
06 05 23 00-0125	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	28.58	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.50*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0126	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	46.61	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.99*	
		For >250 To 500, Deduct	*-8.37*	
		For >500, Deduct	*-11.75*	
06 05 23 00-0127	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	52.56	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.70*	
		For >250 To 500, Deduct	*-9.58*	
		For >500, Deduct	*-13.46*	
06 05 23 00-0128	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	84.05	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.78*	
		For >100 To 250, Deduct	*-7.56*	
		For >250 To 500, Deduct	*-12.45*	
		For >500, Deduct	*-17.35*	
06 05 23 00-0129	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	65.23	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-5.92*	
		For >250 To 500, Deduct	*-9.76*	
		For >500, Deduct	*-13.61*	
06 05 23 00-0130	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	93.07	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 250, Deduct	*-7.73*	
		For >250 To 500, Deduct	*-12.62*	
		For >500, Deduct	*-17.51*	
06 05 23 00-0131	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	103.33	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-4.19*	
		For >100 To 250, Deduct	*-8.38*	
		For >250 To 500, Deduct	*-13.64*	
		For >500, Deduct	*-18.91*	
06 05 23 00-0132	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	153.82	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-11.18*	
		For >250 To 500, Deduct	*-17.94*	
		For >500, Deduct	*-24.70*	
06 05 23 00-0133	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	161.85	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-5.86*	
		For >100 To 250, Deduct	*-11.73*	
		For >250 To 500, Deduct	*-18.80*	
		For >500, Deduct	*-25.88*	

06 05 23 00-0134 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0065)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0135	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	20.04	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.83*	
		For >500, Deduct	*-6.85*	
06 05 23 00-0136	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	22.56	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.02*	
		For >500, Deduct	*-7.10*	
06 05 23 00-0137	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	24.34	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.41*	
		For >500, Deduct	*-7.65*	
06 05 23 00-0138	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	28.78	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-6.00*	
		For >500, Deduct	*-8.47*	
06 05 23 00-0139	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	39.97	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 500, Deduct	*-6.84*	
		For >500, Deduct	*-9.59*	
06 05 23 00-0140	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	43.61	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.37*	
		For >500, Deduct	*-10.33*	
06 05 23 00-0141	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	47.04	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-11.04*	

06 05 23 00-0142 Hex Lag Bolts *(06 05 23 00-0064)*

Note: Includes drilling of holes in any material.

06 05 23 00-0143 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0142)*

06 05 23 00-0144	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	11.83	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-4.09*	
		For >500, Deduct	*-5.84*	
06 05 23 00-0145	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	11.94	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-4.10*	
		For >500, Deduct	*-5.85*	
06 05 23 00-0146	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	12.18	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-4.12*	
		For >500, Deduct	*-5.88*	
06 05 23 00-0147	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	13.04	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.38*	
06 05 23 00-0148	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.17	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 500, Deduct	*-4.80*	
		For >500, Deduct	*-6.86*	
06 05 23 00-0149	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	14.42	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.82*	
		For >500, Deduct	*-6.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0150	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	17.66	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.33*	
		For >250 To 500, Deduct	*-5.81*	
		For >500, Deduct	*-8.29*	
06 05 23 00-0151	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	18.71	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.76*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.44	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.85*	
		For >500, Deduct	*-6.93*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	15.71	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.20*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	17.10	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-5.55*	
		For >500, Deduct	*-7.92*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	19.46	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	22.94	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.25*	
		For >500, Deduct	*-10.33*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	25.03	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.54*	
		For >250 To 500, Deduct	*-7.91*	
		For >500, Deduct	*-11.27*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	21.00	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-9.04*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	25.08	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-4.27*	
		For >250 To 500, Deduct	*-7.41*	
		For >500, Deduct	*-10.55*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	27.74	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.54*	
		For >250 To 500, Deduct	*-7.86*	
		For >500, Deduct	*-11.18*	
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	31.17	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.62*	
		For >500, Deduct	*-12.25*	
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	34.91	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-9.15*	
		For >500, Deduct	*-12.99*	

06 05 23 00-0163 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0142)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0164	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	11.89	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-4.10*	
		For >500, Deduct	*-5.85*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.06	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-4.11*	
		For >500, Deduct	*-5.87*	
06 05 23 00-0166	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.24	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-4.12*	
		For >500, Deduct	*-5.88*	
06 05 23 00-0167	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	13.13	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.39*	
06 05 23 00-0168	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.32	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.81*	
		For >500, Deduct	*-6.87*	
06 05 23 00-0169	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.60	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 500, Deduct	*-4.84*	
		For >500, Deduct	*-6.90*	
06 05 23 00-0170	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.00	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.35*	
		For >250 To 500, Deduct	*-5.84*	
		For >500, Deduct	*-8.33*	
06 05 23 00-0171	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.28	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.18*	
		For >500, Deduct	*-8.82*	
06 05 23 00-0172	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.70	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.79*	
		For >250 To 500, Deduct	*-4.87*	
		For >500, Deduct	*-6.95*	
06 05 23 00-0173	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.85	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.43*	
06 05 23 00-0174	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.36	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.20*	
		For >250 To 500, Deduct	*-5.57*	
		For >500, Deduct	*-7.95*	
06 05 23 00-0175	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	20.24	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.96*	
06 05 23 00-0176	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.32	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 250, Deduct	*-4.18*	
		For >250 To 500, Deduct	*-7.28*	
		For >500, Deduct	*-10.37*	
06 05 23 00-0177	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.96	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-11.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0178	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.58	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.39*	
		For >500, Deduct	*-9.10*	
06 05 23 00-0179	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.60	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.45*	
		For >500, Deduct	*-10.60*	
06 05 23 00-0180	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	28.62	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.58*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-11.27*	
06 05 23 00-0181	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.24	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.77*	
		For >500, Deduct	*-12.46*	
06 05 23 00-0182	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	37.11	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.71*	
		For >100 To 250, Deduct	*-5.42*	
		For >250 To 500, Deduct	*-9.31*	
		For >500, Deduct	*-13.21*	

06 05 23 00-0183 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0142)*

06 05 23 00-0184	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.55	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-4.15*	
		For >500, Deduct	*-5.92*	
06 05 23 00-0185	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	13.22	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.20*	
		For >500, Deduct	*-5.98*	
06 05 23 00-0186	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.05	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.50*	
		For >250 To 500, Deduct	*-4.33*	
		For >500, Deduct	*-6.17*	
06 05 23 00-0187	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.99	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.61*	
		For >500, Deduct	*-6.58*	
06 05 23 00-0188	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.92	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-5.01*	
		For >500, Deduct	*-7.13*	
06 05 23 00-0189	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.09	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.10*	
		For >500, Deduct	*-7.25*	
06 05 23 00-0190	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	37.06	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.27*	
		For >500, Deduct	*-10.23*	
06 05 23 00-0191	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	52.18	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 250, Deduct	*-5.19*	
		For >250 To 500, Deduct	*-8.65*	
		For >500, Deduct	*-12.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0192	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.24	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-5.14*	
		For >500, Deduct	*-7.31*	
06 05 23 00-0193	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.57	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.64*	
		For >500, Deduct	*-8.00*	
06 05 23 00-0194	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	26.70	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.66*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.88*	
06 05 23 00-0195	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	55.61	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-5.38*	
		For >250 To 500, Deduct	*-8.94*	
		For >500, Deduct	*-12.50*	
06 05 23 00-0196	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	75.77	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-6.80*	
		For >250 To 500, Deduct	*-11.21*	
		For >500, Deduct	*-15.62*	
06 05 23 00-0197	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	88.53	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 250, Deduct	*-7.71*	
		For >250 To 500, Deduct	*-12.67*	
		For >500, Deduct	*-17.62*	
06 05 23 00-0198	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	82.19	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.71*	
		For >250 To 500, Deduct	*-10.94*	
		For >500, Deduct	*-15.16*	
06 05 23 00-0199	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	93.95	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 250, Deduct	*-7.71*	
		For >250 To 500, Deduct	*-12.57*	
		For >500, Deduct	*-17.44*	
06 05 23 00-0200	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	97.76	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-4.02*	
		For >100 To 250, Deduct	*-8.04*	
		For >250 To 500, Deduct	*-13.11*	
		For >500, Deduct	*-18.18*	
06 05 23 00-0201	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	135.59	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-5.10*	
		For >100 To 250, Deduct	*-10.21*	
		For >250 To 500, Deduct	*-16.45*	
		For >500, Deduct	*-22.70*	
06 05 23 00-0202	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	147.97	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-17.63*	
		For >500, Deduct	*-24.30*	

06 05 23 00-0203 Stainless Steel Screws *(06 05 23 00-0064)*

06 05 23 00-0204	EA	#8 x 1-1/2" Stainless Steel Screw	1.88
06 05 23 00-0205	EA	#9 x 1-1/2" Stainless Steel Screw	1.91
06 05 23 00-0206	EA	#10 x 1-1/2" Stainless Steel Screw	1.96
06 05 23 00-0207	EA	#12 x 1-1/2" Stainless Steel Screw	2.13

06 05 23 00-0208 Galvanized Steel Screws *(06 05 23 00-0064)*

06 05 23 00-0209	EA	#8 x 1-1/2" Galvanized Steel Screw	1.72
06 05 23 00-0210	EA	#9 x 1-1/2" Galvanized Steel Screw	1.75
06 05 23 00-0211	EA	#10 x 1-1/2" Galvanized Steel Screw	1.79
06 05 23 00-0212	EA	#12 x 1-1/2" Galvanized Steel Screw	1.93
06 05 23 00-0213	EA	#8 x 2-1/2" Galvanized Steel Screw	1.75
06 05 23 00-0214	EA	#9 x 2-1/2" Galvanized Steel Screw	1.78
06 05 23 00-0215	EA	#10 x 2-1/2" Galvanized Steel Screw	1.83
06 05 23 00-0216	EA	#12 x 2-1/2" Galvanized Steel Screw	2.01

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0217		Timber Bolts *(06 05 23 00-0064)*			
		Note: Includes drilling of holes in any material.			
06 05 23 00-0218	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)		32.09	
		For >10 To 50, Deduct		*-0.97*	
		For >50 To 100, Deduct		*-2.25*	
		For >100 To 250, Deduct		*-4.51*	
		For >250 To 500, Deduct		*-7.73*	
		For >500, Deduct		*-10.95*	
06 05 23 00-0219	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)		36.31	
		For >10 To 50, Deduct		*-1.08*	
		For >50 To 100, Deduct		*-2.53*	
		For >100 To 250, Deduct		*-5.06*	
		For >250 To 500, Deduct		*-8.68*	
		For >500, Deduct		*-12.29*	
06 05 23 00-0220	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)		39.31	
		For >10 To 50, Deduct		*-1.15*	
		For >50 To 100, Deduct		*-2.71*	
		For >100 To 250, Deduct		*-5.43*	
		For >250 To 500, Deduct		*-9.29*	
		For >500, Deduct		*-13.16*	
06 05 23 00-0221	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)		44.15	
		For >10 To 50, Deduct		*-1.22*	
		For >50 To 100, Deduct		*-2.93*	
		For >100 To 250, Deduct		*-5.87*	
		For >250 To 500, Deduct		*-10.02*	
		For >500, Deduct		*-14.17*	
06 05 23 00-0222	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)		47.05	
		For >10 To 50, Deduct		*-1.29*	
		For >50 To 100, Deduct		*-3.10*	
		For >100 To 250, Deduct		*-6.21*	
		For >250 To 500, Deduct		*-10.60*	
		For >500, Deduct		*-14.99*	
06 05 23 00-0223	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)		48.82	
		For >10 To 50, Deduct		*-1.34*	
		For >50 To 100, Deduct		*-3.23*	
		For >100 To 250, Deduct		*-6.47*	
		For >250 To 500, Deduct		*-11.04*	
		For >500, Deduct		*-15.61*	
06 05 23 00-0224	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)		44.05	
		For >10 To 50, Deduct		*-1.15*	
		For >50 To 100, Deduct		*-2.83*	
		For >100 To 250, Deduct		*-5.66*	
		For >250 To 500, Deduct		*-9.65*	
		For >500, Deduct		*-13.63*	
06 05 23 00-0225	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)		46.11	
		For >10 To 50, Deduct		*-1.20*	
		For >50 To 100, Deduct		*-2.95*	
		For >100 To 250, Deduct		*-5.91*	
		For >250 To 500, Deduct		*-10.06*	
		For >500, Deduct		*-14.22*	
06 05 23 00-0226	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)		51.37	
		For >10 To 50, Deduct		*-1.27*	
		For >50 To 100, Deduct		*-3.19*	
		For >100 To 250, Deduct		*-6.38*	
		For >250 To 500, Deduct		*-10.84*	
		For >500, Deduct		*-15.31*	
06 05 23 00-0227	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)		55.30	
		For >10 To 50, Deduct		*-1.34*	
		For >50 To 100, Deduct		*-3.39*	
		For >100 To 250, Deduct		*-6.78*	
		For >250 To 500, Deduct		*-11.50*	
		For >500, Deduct		*-16.23*	
06 05 23 00-0228	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)		59.60	
		For >10 To 50, Deduct		*-1.40*	
		For >50 To 100, Deduct		*-3.59*	
		For >100 To 250, Deduct		*-7.19*	
		For >250 To 500, Deduct		*-12.19*	
		For >500, Deduct		*-17.18*	
06 05 23 00-0229		Supports *(06 05 23)*			
06 05 23 00-0230		Shear Plates *(06 05 23 00-0229)*			
06 05 23 00-0231	EA	2-5/8" Diameter, Shear Plate		13.77	3.45
		For >10 To 50, Deduct		*-0.39*	
		For >50 To 100, Deduct		*-0.93*	
		For >100 To 250, Deduct		*-1.85*	
		For >250 To 500, Deduct		*-3.17*	
		For >500, Deduct		*-4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0232	EA	4" Diameter, Shear Plate	13.14	3.64
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-3.21*	
		For >500, Deduct	*-4.55*	
06 05 23 00-0233		Sill Anchors *(06 05 23 00-0229)*		
06 05 23 00-0234	EA	Sill Anchor Embedded In Concrete	11.51	3.64
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.09*	
		For >500, Deduct	*-4.39*	
06 05 23 00-0235		Spike Grids *(06 05 23 00-0229)*		
06 05 23 00-0236	EA	3" x 6" Flat Or Curved Spike Grid	10.15	3.45
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.90*	
		For >500, Deduct	*-4.12*	
06 05 23 00-0237		Split Rings *(06 05 23 00-0229)*		
06 05 23 00-0238	EA	2-1/2" Diameter Split Ring	13.97	3.45
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.18*	
		For >500, Deduct	*-4.50*	
06 05 23 00-0239	EA	4" Diameter Split Ring	15.01	3.82
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.46*	
		For >500, Deduct	*-4.89*	
06 05 23 00-0240		Toothed Rings *(06 05 23 00-0229)*		
06 05 23 00-0241	EA	2-5/8" Or 4" Toothed Ring	10.87	3.45
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.95*	
		For >500, Deduct	*-4.19*	
06 05 23 00-0242		Straps And Shields *(06 05 23)*		
06 05 23 00-0243		Shield Plate *(06 05 23 00-0242)*		
06 05 23 00-0244	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	7.95	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.33*	
06 05 23 00-0245	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	12.81	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.92*	
06 05 23 00-0246		Strap Ties *(06 05 23 00-0242)*		
06 05 23 00-0247	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	2.89	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.72*	
06 05 23 00-0248	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	2.98	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0249	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	3.81	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.92*	
06 05 23 00-0250	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	3.97	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0251	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.14	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.95*	
06 05 23 00-0252	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	4.73	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0253	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	6.29	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.27*	
06 05 23 00-0254	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	7.30	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.48*	
06 05 23 00-0255	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	3.24	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.75*	
06 05 23 00-0256	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	3.37	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.76*	
06 05 23 00-0257	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	4.30	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.97*	
06 05 23 00-0258	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	4.50	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.99*	
06 05 23 00-0259	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	4.60	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-1.00*	
06 05 23 00-0260	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	5.23	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.16*	
06 05 23 00-0261	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	6.62	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.30*	
06 05 23 00-0262	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	7.31	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0263	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	11.79	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-2.04*	
06 05 23 00-0264	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	3.89	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.82*	
06 05 23 00-0265	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	3.90	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.82*	
06 05 23 00-0266	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	4.73	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-1.01*	
06 05 23 00-0267	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	6.62	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.30*	
06 05 23 00-0268	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	5.75	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.00*	
06 05 23 00-0269	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	6.37	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.06*	
06 05 23 00-0270	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	8.38	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.37*	
06 05 23 00-0271	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	12.58	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.90*	
06 05 23 00-0272	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	15.73	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-2.33*	
06 05 23 00-0273	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	23.46	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.20*	
06 05 23 00-0274	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	41.24	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.62*	
		For >500, Deduct	*-5.09*	
06 05 23 00-0275	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	53.29	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-4.58*	
		For >500, Deduct	*-6.40*	
06 05 23 00-0276	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	15.10	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0277	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	19.57	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.71*	
06 05 23 00-0278	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	22.86	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.14*	
06 05 23 00-0279	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	35.05	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.47*	

06 05 23 00-0280 Twist Strap Ties *(06 05 23 00-0242)*

06 05 23 00-0281	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	3.44	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.77*	
06 05 23 00-0282	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	4.37	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.92*	
06 05 23 00-0283	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	5.05	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.04*	
06 05 23 00-0284	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	5.46	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.13*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	3.40	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.77*	
06 05 23 00-0286	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	4.45	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	5.19	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.05*	
06 05 23 00-0288	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	5.51	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.14*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	7.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.41*	
06 05 23 00-0290	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	5.87	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0291	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.01	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.29*	
06 05 23 00-0292	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	8.18	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.46*	
06 05 23 00-0293		Retrofit Plate Strap *(06 05 23 00-0242)*		
06 05 23 00-0294	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	5.83	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.12*	
06 05 23 00-0295	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	6.73	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.21*	
06 05 23 00-0296	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	8.16	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.35*	
06 05 23 00-0297		Stud Shoe *(06 05 23 00-0242)*		
06 05 23 00-0298	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	10.18	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.66*	
06 05 23 00-0299	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	20.69	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.71*	
06 05 23 00-0300	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	20.79	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.72*	
06 05 23 00-0301	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	28.10	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.45*	
06 05 23 00-0302	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	26.36	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.28*	
06 05 23 00-0303	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	28.61	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-3.50*	
06 05 23 00-0304	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	30.33	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0305	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	46.18	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-3.81*	
		For >500, Deduct	*-5.26*	

06 05 23 00-0306 Nail Stops *(06 05 23 00-0242)*

06 05 23 00-0307	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	2.63	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.69*	
06 05 23 00-0308	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	2.77	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.70*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	714.24	

06 05 73 33 Preservative Wood Treatment *(06 05 73)*

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*

06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	244.30	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	5.45	1.60
		For Each Additional 2" x_" In The Built Up Member, Add	*1.50*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	7.08	1.88
		For Each Additional 2" x_" In The Built Up Member, Add	*2.13*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	9.31	2.25
		For Each Additional 2" x_" In The Built Up Member, Add	*2.97*	

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	5.45	1.60
		For Each Additional 2" x_" In The Built Up Member, Add	*1.50*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	7.08	1.88
		For Each Additional 2" x_" In The Built Up Member, Add	*2.13*	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	9.31	2.25
		For Each Additional 2" x_" In The Built Up Member, Add	*2.97*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003	LF	2" x 6" Wood Rafter	3.01	1.13
06 11 16 00-0004	LF	2" x 8" Wood Rafter	3.73	1.22
06 11 16 00-0005	LF	2" x 10" Wood Rafter	5.31	1.78
06 11 16 00-0006	LF	2" x 12" Wood Rafter	6.22	1.98
06 11 16 00-0007	LF	2" x 14" Wood Rafter	6.80	2.16
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	3.21	1.13
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	3.98	1.22
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	5.30	1.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	6.48	1.98
06 11 16 00-0012		**Joists** *(06 11 16 00-0001)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist	2.72	0.94
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	3.54	1.03
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist	4.65	1.31
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist	5.57	1.51
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist	6.14	1.60
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist	2.92	0.94
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist	3.79	1.03
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist	4.64	1.31
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist	5.83	1.51
06 11 16 00-0022		**Purlins** *(06 11 16 00-0001)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0023	LF	2" x 4" Wood Purlin	2.03	0.56
06 11 16 00-0024	LF	2" x 6" Wood Purlin	2.74	0.62
06 11 16 00-0025	LF	2" x 8" Wood Purlin	3.50	0.68
06 11 16 00-0026	LF	2" x 10" Wood Purlin	4.47	0.75
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	2.15	0.56
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	2.94	0.62
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.75	0.68
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	4.46	0.75
06 11 16 00-0031		**Exposed Rafters Or Joists** *(06 11 16 00-0001)*		
06 11 16 00-0032		**Redwood Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist	4.93	0.94
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist	6.11	1.03
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist	7.69	1.31
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist	9.41	1.51
06 11 16 00-0037		**Cedar Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist	2.74	0.94
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist	3.03	1.03
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist	3.40	1.31
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist	3.79	1.51
06 11 16 00-0042		**Oak Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist	3.64	0.94
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist	5.30	1.03
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist	7.05	1.31
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist	8.81	1.51
06 11 16 00-0047		**Framing** *(06 11 16)*		
06 11 16 00-0048		**Partition Framing** *(06 11 16 00-0047)*		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.98	0.75
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.63	0.80
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	3.30	0.85
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	2.10	0.75
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.83	0.80
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.55	0.85
06 11 16 00-0055		**Wall Framing Assemblies By The SF** *(06 11 16 00-0047)*		
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0056		**Wall Framing By The SF, 12" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0057	SF	2" x 4" Wood Wall Framing At 12" On Center	2.64	0.91
		For Up To 200, Add	*0.80*	
		For >200 To 500, Add	*0.40*	
06 11 16 00-0058	SF	2" x 6" Wood Wall Framing At 12" On Center	3.65	1.16
		For Up To 200, Add	*1.07*	
		For >200 To 500, Add	*0.54*	
06 11 16 00-0059	SF	2" x 8" Wood Wall Framing At 12" On Center	4.87	1.55
		For Up To 200, Add	*1.43*	
		For >200 To 500, Add	*0.72*	
06 11 16 00-0060		**Wall Framing By The SF, 16" On Center** *(06 11 16 00-0055)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0061	SF	2" x 4" Wood Wall Framing At 16" On Center	2.15	0.73
		For Up To 200, Add	*0.65*	
		For >200 To 500, Add	*0.32*	
06 11 16 00-0062	SF	2" x 6" Wood Wall Framing At 16" On Center	3.03	0.97
		For Up To 200, Add	*0.89*	
		For >200 To 500, Add	*0.45*	
06 11 16 00-0063	SF	2" x 8" Wood Wall Framing At 16" On Center	4.05	1.29
		For Up To 200, Add	*1.19*	
		For >200 To 500, Add	*0.60*	
06 11 16 00-0064		Wall Framing By The SF, 24" On Center *(06 11 16 00-0055)*		
06 11 16 00-0065	SF	2" x 4" Wood Wall Framing At 24" On Center	1.70	0.57
		For Up To 200, Add	*0.51*	
		For >200 To 500, Add	*0.26*	
06 11 16 00-0066	SF	2" x 6" Wood Wall Framing At 24" On Center	2.38	0.75
		For Up To 200, Add	*0.70*	
		For >200 To 500, Add	*0.35*	
06 11 16 00-0067	SF	2" x 8" Wood Wall Framing At 24" On Center	3.18	1.01
		For Up To 200, Add	*0.93*	
		For >200 To 500, Add	*0.47*	
06 11 16 00-0068		Sills And Plates *(06 11 16)*		
06 11 16 00-0069		Sills *(06 11 16 00-0068)*		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070	LF	2" x 4" Wood Sill	3.01	1.41
06 11 16 00-0071	LF	2" x 6" Wood Sill	3.85	1.60
06 11 16 00-0072	LF	2" x 8" Wood Sill	4.78	1.78
06 11 16 00-0073	LF	2" x 4" Pressure Treated Wood Sill	3.13	1.41
06 11 16 00-0074	LF	2" x 6" Pressure Treated Wood Sill	4.05	1.60
06 11 16 00-0075	LF	2" x 8" Pressure Treated Wood Sill	5.03	1.78
06 11 16 00-0076		Plates *(06 11 16 00-0068)*		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077	LF	2" x 4" Wood Plate	3.01	1.41
06 11 16 00-0078	LF	2" x 6" Wood Plate	3.85	1.60
06 11 16 00-0079	LF	2" x 8" Wood Plate	4.76	1.78
06 11 16 00-0080	LF	2" x 4" Pressure Treated Wood Plate	3.13	1.41
06 11 16 00-0081	LF	2" x 6" Pressure Treated Wood Plate	4.05	1.60
06 11 16 00-0082	LF	2" x 8" Pressure Treated Wood Plate	5.01	1.78
06 11 16 00-0083		Sills And Plates From Redwood *(06 11 16 00-0068)*		
06 11 16 00-0084		Construction Grade/Rough *(06 11 16 00-0083)*		
06 11 16 00-0085	LF	2" x 6" Redwood, Construction Grade/Rough	5.36	1.60
06 11 16 00-0086	LF	2" x 8" Redwood, Construction Grade/Rough	7.25	1.78
06 11 16 00-0087	LF	2" x 10" Redwood, Construction Grade/Rough	8.83	1.98
06 11 16 00-0088	LF	2" x 12" Redwood, Construction Grade/Rough	10.65	2.16
06 11 16 00-0089		Con Heart/Smooth *(06 11 16 00-0083)*		
06 11 16 00-0090	LF	2" x 6" Redwood, Con Heart/Smooth	6.64	1.60
06 11 16 00-0091	LF	2" x 8" Redwood, Con Heart/Smooth	9.17	1.78
06 11 16 00-0092	LF	2" x 10" Redwood, Con Heart/Smooth	12.09	1.98
06 11 16 00-0093	LF	2" x 12" Redwood, Con Heart/Smooth	14.53	2.16
06 11 16 00-0094		Suspended Ceiling Framing *(06 11 16)*		
06 11 16 00-0095	LF	1" x 2" Wood Suspended Ceiling Framing	2.29	1.22
06 11 16 00-0096	LF	1" x 3" Wood Suspended Ceiling Framing	2.60	1.31
06 11 16 00-0097	LF	2" x 2" Wood Suspended Ceiling Framing	2.89	1.41
06 11 16 00-0098	LF	2" x 4" Wood Suspended Ceiling Framing	3.44	1.60
06 11 16 00-0099	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.49	1.22
06 11 16 00-0100	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.57	1.31
06 11 16 00-0101	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.99	1.41
06 11 16 00-0102	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.47	1.60
06 11 16 00-0103		Posts And Girts *(06 11 16)*		
06 11 16 00-0104		Posts *(06 11 16 00-0103)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0105	LF	4" x 4" Wood Post	4.87	1.78
06 11 16 00-0106	LF	4" x 5" Wood Post	5.61	2.07
06 11 16 00-0107	LF	4" x 6" Wood Post	6.14	2.25
06 11 16 00-0108	LF	6" x 6" Wood Post	6.88	2.45
06 11 16 00-0109	LF	8" x 8" Wood Post	7.61	2.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0110	LF	10" x 10" Wood Post	8.35	2.91
06 11 16 00-0111	LF	4" x 4" Pressure Treated Wood Post	6.48	1.78
06 11 16 00-0112	LF	3" x 6" Pressure Treated Wood Post	7.52	2.25
06 11 16 00-0113	LF	4" x 6" Pressure Treated Wood Post	9.39	2.25
06 11 16 00-0114	LF	6" x 6" Pressure Treated Wood Post	13.86	2.45
06 11 16 00-0115		Girts *(06 11 16 00-0103)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0116	LF	2" x 4" Wood Girt	2.26	0.67
06 11 16 00-0117	LF	2" x 6" Wood Girt	2.99	0.74
06 11 16 00-0118	LF	2" x 8" Wood Girt	3.76	0.82
06 11 16 00-0119	LF	2" x 10" Wood Girt	4.76	0.91
06 11 16 00-0120	LF	4" x 4" Wood Girt	4.62	1.36
06 11 16 00-0121	LF	4" x 5" Wood Girt	5.36	1.52
06 11 16 00-0122	LF	4" x 6" Wood Girt	6.09	1.69
06 11 16 00-0123	LF	6" x 6" Wood Girt	6.84	1.87
06 11 16 00-0124	LF	8" x 8" Wood Girt	7.58	2.03
06 11 16 00-0125	LF	10" x 10" Wood Girt	8.32	2.21
06 11 16 00-0126	LF	2" x 4" Pressure Treated Wood Girt	2.38	0.67
06 11 16 00-0127	LF	2" x 6" Pressure Treated Wood Girt	3.19	0.74
06 11 16 00-0128	LF	2" x 8" Pressure Treated Wood Girt	4.01	0.82
06 11 16 00-0129	LF	2" x 10" Pressure Treated Wood Girt	4.75	0.91
06 11 16 00-0130	LF	4" x 4" Pressure Treated Wood Girt	6.48	1.36
06 11 16 00-0131	LF	3" x 6" Pressure Treated Wood Girt	7.52	1.69
06 11 16 00-0132	LF	4" x 6" Pressure Treated Wood Girt	9.39	1.69
06 11 16 00-0133	LF	6" x 6" Pressure Treated Wood Girt	13.86	1.87
06 11 16 00-0134		Construction Grade/Rough Redwood Posts *(06 11 16 00-0103)*		
06 11 16 00-0135	LF	4" x 4" Redwood, Construction Grade/Rough Post	8.52	1.78
		For Smooth "Clear", Add	*1.16*	
06 11 16 00-0136	LF	4" x 5" Redwood, Construction Grade/Rough Post	10.30	2.07
		For Smooth "Clear", Add	*1.45*	
06 11 16 00-0137	LF	4" x 6" Redwood, Construction Grade/Rough Post	12.11	2.25
		For Smooth "Clear", Add	*1.75*	
06 11 16 00-0138	LF	4" x 8" Redwood, Construction Grade/Rough Post	15.18	2.32
		For Smooth "Clear", Add	*2.33*	
06 11 16 00-0139	LF	4" x 10" Redwood, Construction Grade/Rough Post	18.30	2.48
		For Smooth "Clear", Add	*2.91*	
06 11 16 00-0140	LF	6" x 6" Redwood, Construction Grade/Rough Post	16.83	2.45
		For Smooth "Clear", Add	*2.62*	
06 11 16 00-0141	LF	6" x 8" Redwood, Construction Grade/Rough Post	21.33	2.54
		For Smooth "Clear", Add	*3.49*	
06 11 16 00-0142	LF	6" x 10" Redwood, Construction Grade/Rough Post	25.79	2.38
		For Smooth "Clear", Add	*4.37*	
06 11 16 00-0143	LF	8" x 8" Redwood, Construction Grade/Rough Post	27.35	2.54
		For Smooth "Clear", Add	*4.66*	
06 11 16 00-0144		Stair Stringers *(06 11 16)*		
06 11 16 00-0145	LF	2" x 10" Wood Stair Stringer	8.54	3.76
06 11 16 00-0146	LF	2" x 12" Wood Stair Stringer	10.21	4.41
06 11 16 00-0147	LF	2" x 10" Pressure Treated Wood Stair Stringer	8.59	3.76
06 11 16 00-0148	LF	2" x 12" Pressure Treated Wood Stair Stringer	10.43	4.41
06 11 16 00-0149		Blocking And Sleepers *(06 11 16)*		
06 11 16 00-0150		Blocking *(06 11 16 00-0149)*		
06 11 16 00-0151		Blocking To Wood *(06 11 16 00-0150)*		
06 11 16 00-0152	LF	2" x 4" Pressure Treated Wood Blocking To Wood	5.99	2.26
06 11 16 00-0153	LF	2" x 6" Pressure Treated Wood Blocking To Wood	7.42	2.48
06 11 16 00-0154	LF	2" x 8" Pressure Treated Wood Blocking To Wood	8.63	2.73
06 11 16 00-0155	LF	4" x 4" Pressure Treated Wood Blocking To Wood	10.26	3.00
06 11 16 00-0156	LF	4" x 6" Pressure Treated Wood Blocking To Wood	12.92	3.31
06 11 16 00-0157	LF	2" x 4" Wood Blocking To Wood	5.42	2.26
06 11 16 00-0158	LF	2" x 6" Wood Blocking To Wood	6.47	2.48
06 11 16 00-0159	LF	2" x 8" Wood Blocking To Wood	7.60	2.73
06 11 16 00-0160	LF	4" x 4" Wood Blocking To Wood	8.19	3.00
06 11 16 00-0161	LF	4" x 6" Wood Blocking To Wood	9.38	3.31
06 11 16 00-0162		Blocking To Steel *(06 11 16 00-0150)*		
06 11 16 00-0163	LF	2" x 4" Pressure Treated Wood Blocking To Steel	6.80	2.60
06 11 16 00-0164	LF	2" x 6" Pressure Treated Wood Blocking To Steel	8.40	2.86
06 11 16 00-0165	LF	2" x 8" Pressure Treated Wood Blocking To Steel	9.76	3.15
06 11 16 00-0166	LF	2" x 4" Wood Blocking To Steel	6.18	2.60
06 11 16 00-0167	LF	2" x 6" Wood Blocking To Steel	7.36	2.86
06 11 16 00-0168	LF	2" x 8" Wood Blocking To Steel	8.63	3.15

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			MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0169			Blocking To Concrete *(06 11 16 00-0150)*		
06 11 16 00-0170	LF		2" x 4" Pressure Treated Wood Blocking To Concrete	6.80	2.60
06 11 16 00-0171	LF		2" x 6" Pressure Treated Wood Blocking To Concrete	8.40	2.86
06 11 16 00-0172	LF		2" x 8" Pressure Treated Wood Blocking To Concrete	9.76	3.15
06 11 16 00-0173	LF		2" x 4" Wood Blocking To Concrete	6.18	2.60
06 11 16 00-0174	LF		2" x 6" Wood Blocking To Concrete	7.36	2.86
06 11 16 00-0175	LF		2" x 8" Wood Blocking To Concrete	8.63	3.15
06 11 16 00-0176			Pressure Treated Lattice *(06 11 16 00-0149)*		
06 11 16 00-0177	SF		3/4" Thick Pressure Treated Wood Lattice	9.07	1.98
06 11 16 00-0178			Sleepers *(06 11 16 00-0149)*		
06 11 16 00-0179			Sleepers To Wood *(06 11 16 00-0178)*		
06 11 16 00-0180	LF		1" x 2" Pressure Treated Wood Sleeper On Wood	1.27	0.33
06 11 16 00-0181	LF		1" x 3" Pressure Treated Wood Sleeper On Wood	1.34	0.38
06 11 16 00-0182	LF		1" x 4" Pressure Treated Wood Sleeper On Wood	1.63	0.43
06 11 16 00-0183	LF		2" x 4" Pressure Treated Wood Sleeper On Wood	2.51	5.17
06 11 16 00-0184	LF		2" x 6" Pressure Treated Wood Sleeper On Wood	3.58	0.56
06 11 16 00-0185			Sleepers To Concrete *(06 11 16 00-0178)*		
06 11 16 00-0186	LF		1" x 2" Pressure Treated Wood Sleeper On Concrete	1.33	0.33
06 11 16 00-0187	LF		1" x 3" Pressure Treated Wood Sleeper On Concrete	1.39	0.38
06 11 16 00-0188	LF		1" x 4" Pressure Treated Wood Sleeper On Concrete	1.71	0.43
06 11 16 00-0189	LF		2" x 4" Pressure Treated Wood Sleeper On Concrete	2.65	5.17
06 11 16 00-0190	LF		2" x 6" Pressure Treated Wood Sleeper On Concrete	3.82	0.56
06 11 16 00-0191			Roofing Nailers *(06 11 16)*		
06 11 16 00-0192	LF		2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.18	0.75
06 11 16 00-0193	LF		2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.95	0.80
06 11 16 00-0194	LF		2" x 8" Pressure Treated Lumber, For Roofing Nailers	4.73	0.85
06 11 16 00-0195			Roofing Sleepers *(06 11 16)*		
06 11 16 00-0196	LF		2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.72	
06 11 16 00-0197	LF		4" x 4" Pressure Treated Lumber, For Roofing Sleepers	5.15	
06 11 16 00-0198	LF		4" x 6" Pressure Treated Lumber, For Roofing Sleepers	7.70	
06 11 16 00-0199	LF		6" x 6" Pressure Treated Lumber, For Roofing Sleepers	12.01	
06 11 16 00-0200			Canopy Framing, Bridging, And Furring *(06 11 16)*		
06 11 16 00-0201			Wood And Steel Bridging *(06 11 16 00-0200)*		
06 11 16 00-0202			Wood Bridging *(06 11 16 00-0201)*		
06 11 16 00-0203	EA		1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	8.02	3.30
06 11 16 00-0204	EA		1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	8.51	3.30
06 11 16 00-0205			Steel Bridging *(06 11 16 00-0201)*		
06 11 16 00-0206	EA		1 Pair Steel Bridging, Wood Joists At 16" On Center	9.64	3.30
06 11 16 00-0207	EA		1 Pair Steel Bridging, Wood Joists At 24" On Center	9.61	3.30
06 11 16 00-0208			Light Framing, Trim And Furring *(06 11 16 00-0200)*		
06 11 16 00-0209			Pine/Spruce/Fir Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0210	LF		1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.82	0.77
06 11 16 00-0211	LF		1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.10	0.85
06 11 16 00-0212	LF		1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.53	0.93
06 11 16 00-0213	LF		1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.84	1.03
06 11 16 00-0214	LF		1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.16	1.13
06 11 16 00-0215	LF		1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.52	1.24
06 11 16 00-0216	LF		2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.87	1.03
06 11 16 00-0217	LF		2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.24	1.13
06 11 16 00-0218	LF		2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.98	1.24
06 11 16 00-0219	LF		2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	4.85	1.37
06 11 16 00-0220	LF		2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	5.96	1.51
06 11 16 00-0221			Cedar Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0222	LF		1" x 1" Cedar Light Framing, Trim And Furring	1.87	0.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0223	LF	1" x 2" Cedar Light Framing, Trim And Furring	2.35	0.85
06 11 16 00-0224	LF	1" x 4" Cedar Light Framing, Trim And Furring	3.49	0.93
06 11 16 00-0225	LF	1" x 6" Cedar Light Framing, Trim And Furring	4.48	1.03
06 11 16 00-0226	LF	1" x 8" Cedar Light Framing, Trim And Furring	7.48	1.13
06 11 16 00-0227	LF	1" x 10" Cedar Light Framing, Trim And Furring	9.01	1.24
06 11 16 00-0228	LF	2" x 2" Cedar Light Framing, Trim And Furring	3.49	1.03
06 11 16 00-0229	LF	2" x 4" Cedar Light Framing, Trim And Furring	4.16	1.13
06 11 16 00-0230		Oak Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0231	LF	1" x 1" Oak Light Framing, Trim And Furring	1.88	0.77
06 11 16 00-0232	LF	1" x 2" Oak Light Framing, Trim And Furring	2.38	0.85
06 11 16 00-0233	LF	1" x 4" Oak Light Framing, Trim And Furring	3.25	0.93
06 11 16 00-0234	LF	1" x 6" Oak Light Framing, Trim And Furring	4.12	1.03
06 11 16 00-0235	LF	1" x 8" Oak Light Framing, Trim And Furring	5.00	1.13
06 11 16 00-0236	LF	1" x 10" Oak Light Framing, Trim And Furring	5.92	1.24
06 11 16 00-0237	LF	2" x 2" Oak Light Framing, Trim And Furring	3.43	1.03
06 11 16 00-0238	LF	2" x 4" Oak Light Framing, Trim And Furring	5.01	1.13
06 11 16 00-0239		Redwood Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0240	LF	1" x 1" Redwood Light Framing, Trim And Furring	1.78	0.77
06 11 16 00-0241	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.19	0.85
06 11 16 00-0242	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.92	0.93
06 11 16 00-0243	LF	1" x 6" Redwood Light Framing, Trim And Furring	3.71	1.03
06 11 16 00-0244	LF	1" x 8" Redwood Light Framing, Trim And Furring	4.58	1.13
06 11 16 00-0245	LF	1" x 10" Redwood Light Framing, Trim And Furring	5.53	1.24
06 11 16 00-0246	LF	2" x 2" Redwood Light Framing, Trim And Furring	3.74	1.03
06 11 16 00-0247	LF	2" x 4" Redwood Light Framing, Trim And Furring	4.61	1.13
06 11 16 00-0248		Poplar Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0249	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.36	0.77
06 11 16 00-0250	LF	1" x 2" Poplar Light Framing, Trim And Furring	3.10	0.85
06 11 16 00-0251	LF	1" x 4" Poplar Light Framing, Trim And Furring	4.20	0.93
06 11 16 00-0252	LF	1" x 6" Poplar Light Framing, Trim And Furring	5.70	1.03
06 11 16 00-0253	LF	1" x 8" Poplar Light Framing, Trim And Furring	6.75	1.13
06 11 16 00-0254	LF	1" x 10" Poplar Light Framing, Trim And Furring	9.44	1.24
06 11 16 00-0255	LF	1" x 12" Poplar Light Framing, Trim And Furring	10.43	1.24
06 11 16 00-0256	LF	2" x 2" Poplar Light Framing, Trim And Furring	8.17	1.03
06 11 16 00-0257	LF	2" x 4" Poplar Light Framing, Trim And Furring	9.20	1.13
06 11 16 00-0258	LF	2" x 6" Poplar Light Framing, Trim And Furring	12.89	1.24
06 11 16 00-0259		Maple Light Framing, Trim And Furring *(06 11 16 00-0208)*		
06 11 16 00-0260	LF	1" x 4" Maple Light Framing, Trim And Furring	6.72	0.93
06 11 16 00-0261	LF	1" x 6" Maple Light Framing, Trim And Furring	9.60	1.03
06 11 16 00-0262	LF	1" x 8" Maple Light Framing, Trim And Furring	12.54	1.13

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*

Note: Excludes fasteners. See CSI section 06 05 23 00-0064 for bolts and fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	7.35	1.67
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	9.51	1.74
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	11.65	1.81
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	16.05	1.93
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	19.60	2.05
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	12.77	1.88
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	15.95	1.98
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	22.53	2.12
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	27.57	2.16
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	20.16	2.05
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	28.63	2.12
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	35.39	2.16
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	34.91	2.16
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	43.46	2.35
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	51.67	2.59
06 13 23 00-0019		Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	7.76	1.67
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	10.11	1.74
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	12.47	1.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	17.27	1.93
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	21.13	2.05
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	13.66	1.88
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	17.13	1.98
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	24.34	2.12
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	29.90	2.16
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	21.76	2.05
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	31.07	2.12
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	38.49	2.16
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	37.94	2.16
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	47.29	2.35
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	56.30	2.59
06 13 23 00-0035		Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	7.11	1.67
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	9.49	1.74
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	11.55	1.81
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	15.87	1.93
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	19.35	2.05
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	13.86	1.88
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	17.45	1.98
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	21.22	2.12
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	26.63	2.16
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	27.09	2.05
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	31.83	2.12
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	37.87	2.16
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	38.05	2.16
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	51.15	2.35
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	60.92	2.59
06 13 23 00-0051		Heavy Timber Columns *(06 13 23 00-0001)*		
06 13 23 00-0052		Pine, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	5.77	0.88
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	7.88	0.93
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	9.94	0.95
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	14.23	1.02
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	17.66	1.08
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	11.00	0.98
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	14.11	1.02
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	20.52	1.11
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	25.52	1.14
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	18.22	1.08
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	26.62	1.11
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	33.31	1.16
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	32.82	1.16
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	41.24	1.23
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	49.22	1.37
06 13 23 00-0068		Douglas Fir, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	6.18	0.88
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	8.48	0.93
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	10.76	0.95
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	15.45	1.02
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	19.19	1.08
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	11.89	0.98
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	15.29	1.02
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	22.33	1.11
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	27.85	1.14
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	19.82	1.08
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	29.06	1.11
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	36.41	1.16
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	35.85	1.16
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	45.07	1.23
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	53.85	1.37
06 13 23 00-0084		Pressure Treated, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	5.53	0.88
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	7.86	0.93
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	9.84	0.95
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	14.05	1.02
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	17.41	1.08
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	12.09	0.98
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	15.61	1.02
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	19.21	1.11
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	24.58	1.14
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	25.15	1.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	29.82	1.11
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	35.79	1.16
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	35.96	1.16
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	48.93	1.23
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	58.47	1.37

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.56	6.61
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.86	6.28
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.42	6.77
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.79	6.45

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.17	6.77
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.44	6.44
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.05	6.95
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	42.41	6.59

06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.56	6.61
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.86	6.28
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.42	6.77
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.79	6.45

06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	44.38	6.61
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	43.90	6.10
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	47.45	6.77
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	46.47	6.45

06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	48.73	6.77
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	48.22	6.44
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	52.08	6.95
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	51.14	6.59

06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	46.31	6.61
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	45.84	6.28
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	49.49	6.77
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	50.06	6.45

06 15 13 00-0034 Wood Ramp Systems *(06 15 13)*
Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.

06 15 13 00-0035 Pressure Treated Wood Ramp System *(06 15 13 00-0034)*

06 15 13 00-0036 2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*

06 15 13 00-0037	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.34	6.45
06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.33	6.12
06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.27	6.61
06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.31	6.28

06 15 13 00-0041 2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*

06 15 13 00-0042	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.98	6.61
06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.96	6.28
06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.00	6.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.04	6.45
06 15 13 00-0046		2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*		
06 15 13 00-0047	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.72	6.76
06 15 13 00-0048	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.69	6.44
06 15 13 00-0049	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.79	6.95
06 15 13 00-0050	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.82	6.59
06 15 13 00-0051		Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0034)*		
06 15 13 00-0052		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
06 15 13 00-0053	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.86	6.45
06 15 13 00-0054	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.06	6.12
06 15 13 00-0055	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	51.94	6.61
06 15 13 00-0056	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	50.65	6.28
06 15 13 00-0057		2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
06 15 13 00-0058	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.80	6.61
06 15 13 00-0059	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.00	6.28
06 15 13 00-0060	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	54.03	6.77
06 15 13 00-0061	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	52.72	6.45
06 15 13 00-0062		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
06 15 13 00-0063	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	55.31	6.76
06 15 13 00-0064	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	54.47	6.44
06 15 13 00-0065	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	58.83	6.95
06 15 13 00-0066	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	58.54	6.59
06 15 13 00-0067		Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0034)*		
06 15 13 00-0068		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0069	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.94	6.45
06 15 13 00-0070	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.99	6.12
06 15 13 00-0071	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.01	6.61
06 15 13 00-0072	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.13	6.28
06 15 13 00-0073		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0074	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.69	6.61
06 15 13 00-0075	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.74	6.28
06 15 13 00-0076	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.85	6.77
06 15 13 00-0077	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.97	6.45
06 15 13 00-0078		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0079	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.58	6.76
06 15 13 00-0080	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.59	6.44
06 15 13 00-0081	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.76	6.95
06 15 13 00-0082	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.87	6.59
06 15 13 00-0083		Wood Stair Systems *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0084		Pressure Treated Wood Stair System *(06 15 13 00-0083)*		
06 15 13 00-0085		2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0084)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.39	15.85
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	129.65	15.06
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.92	16.26
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.18	15.45
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.91	16.65
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.14	15.82
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.67	17.08
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	139.84	16.22
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.48	17.49
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.65	16.60
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.48	17.93
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	146.53	17.03
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	153.60	18.36
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	152.88	17.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	158.97	18.83
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.05	17.89
06 15 13 00-0102		2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0084)*		
06 15 13 00-0103	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.84	16.25
06 15 13 00-0104	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	131.16	15.44
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.72	16.67
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.04	15.83
06 15 13 00-0107	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.49	17.07
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.72	16.22
06 15 13 00-0109	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.61	17.50
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	142.84	16.62
06 15 13 00-0111	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	146.19	17.92
06 15 13 00-0112	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.32	17.02
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.54	18.37
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	149.68	17.47
06 15 13 00-0115	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.46	18.82
06 15 13 00-0116	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	154.62	17.88
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	162.23	19.30
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	160.40	18.33
06 15 13 00-0119		Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0083)*		
06 15 13 00-0120		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)*		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.14	15.85
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	156.15	15.06
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	163.34	16.26
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	162.43	15.45
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	165.00	16.65
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	163.96	15.82
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	171.51	17.08
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	170.56	16.22
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	172.83	17.49
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	171.73	16.60
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	179.66	17.93
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	178.63	17.03
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	185.89	18.36
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	184.87	17.43
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	193.27	18.83
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	192.36	17.89
06 15 13 00-0137		2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)*		
06 15 13 00-0138	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.71	16.25
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	150.70	15.44
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	157.35	16.67
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.60	15.83
06 15 13 00-0142	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	159.30	17.07
06 15 13 00-0143	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	158.23	16.22
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	165.23	17.50
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	164.43	16.62
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	166.89	17.92
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	165.75	17.02
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	173.09	18.37
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	172.24	17.47
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	179.23	18.82
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	178.20	17.88
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	185.93	19.30
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	185.21	18.33
06 15 13 00-0154		Wood Deck And Ramp Systems Repairs *(06 15 13)* Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0155		Deck Joist Or Girt *(06 15 13 00-0154)* See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0156		Deck Boards *(06 15 13 00-0154)* See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0157	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.27	0.72
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.46	0.86
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.31	0.86
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards	3.18	0.99
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards	4.15	1.18
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards	5.10	1.45
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards	6.37	1.71
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	3.21	0.86
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	4.36	0.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	3.66	0.86
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	5.03	0.99

06 15 13 00-0168 Deck Posts *(06 15 13 00-0154)*

See CSI section 06 11 16 00-0103 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0169 Deck Railing And Pickets *(06 15 13 00-0154)*

See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0170	LF	2" x 4" Pressure Treated Deck Railing	2.31	0.86
06 15 13 00-0171	LF	2" x 2" Pressure Treated Deck Railing Picket	1.80	0.66
06 15 13 00-0172	LF	2" x 4" Cedar Deck Railing	3.21	0.86
06 15 13 00-0173	LF	2" x 2" Cedar Deck Railing Picket	2.41	0.66
06 15 13 00-0174	LF	2" x 4" Redwood Deck Railing	3.66	0.86
06 15 13 00-0175	LF	2" x 2" Redwood Deck Railing Picket	2.75	0.66

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001 Board Type Subflooring *(06 16 23)*

06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	2.92	0.75
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	3.23	0.94
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	2.82	0.66
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	3.04	0.75
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001 Plywood *(06 16 33)*

06 16 33 00-0002 Roof Decking *(06 16 33 00-0001)*

06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.31	0.47
		For Shear Wall Construction, Add	*0.22*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.22*	
		For ACQ Preservative Treatment, Add	*0.58*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.67*	
		For Fire Retardant Treatment, Add	*0.95*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.67	0.56
		For Shear Wall Construction, Add	*0.24*	
		For Exterior CC Grade Plywood, Add	*0.22*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.24*	
		For ACQ Preservative Treatment, Add	*0.70*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.82*	
		For Fire Retardant Treatment, Add	*1.15*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	3.00	0.56
		For Shear Wall Construction, Add	*0.26*	
		For Exterior CC Grade Plywood, Add	*0.26*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.26*	
		For ACQ Preservative Treatment, Add	*0.82*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.95*	
		For Fire Retardant Treatment, Add	*1.34*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.22*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.12*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	3.38	0.66
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.30*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For ACQ Preservative Treatment, Add	*0.95*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*1.56*	
		For >1,696 To 3,200, Deduct	*-0.12*	
		For >3,200 To 6,400, Deduct	*-0.18*	
		For >6,400 To 12,800, Deduct	*-0.25*	
		For >12,800, Deduct	*-0.31*	
		For Tongue And Groove, Add	*0.14*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	4.19	0.75
		For Shear Wall Construction, Add	*0.31*	
		For Exterior CC Grade Plywood, Add	*0.40*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.31*	
		For ACQ Preservative Treatment, Add	*1.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.30*	
		For Fire Retardant Treatment, Add	*2.10*	
		For >1,696 To 3,200, Deduct	*-0.16*	
		For >3,200 To 6,400, Deduct	*-0.24*	
		For >6,400 To 12,800, Deduct	*-0.33*	
		For >12,800, Deduct	*-0.40*	
		For Tongue And Groove, Add	*0.19*	
06 16 33 00-0008		Wall Sheathing *(06 16 33 00-0001)*		
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.59	0.66
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*0.93*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.21*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.65	0.66
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.19*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*0.98*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.77	0.75
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.20*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*1.07*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing	3.21	0.75
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.26*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.25*	
		For Fire Retardant Treatment, Add	*1.35*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.23*	
		For >12,800, Deduct	*-0.28*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing	3.55	0.85
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.29*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.42*	
		For Fire Retardant Treatment, Add	*1.53*	
		For >1,696 To 3,200, Deduct	*-0.12*	
		For >3,200 To 6,400, Deduct	*-0.17*	
		For >6,400 To 12,800, Deduct	*-0.25*	
		For >12,800, Deduct	*-0.31*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing	3.94	0.94
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.33*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*1.75*	
		For >1,696 To 3,200, Deduct	*-0.13*	
		For >3,200 To 6,400, Deduct	*-0.20*	
		For >6,400 To 12,800, Deduct	*-0.29*	
		For >12,800, Deduct	*-0.35*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking	1.91	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.59*	
		For Fire Retardant Treatment, Add	*0.67*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For ACQ Preservative Treatment, Add	*0.41*	
		For Fir Plywood, Add	*0.16*	
		For BC Grade Plywood, Add	*0.13*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.67*	
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking	2.09	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.67*	
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.17*	
		For ACQ Preservative Treatment, Add	*0.47*	
		For Fir Plywood, Add	*0.18*	
		For BC Grade Plywood, Add	*0.15*	
		For Exterior Glue, Add	*0.09*	
		For Marine Grade, Add	*0.77*	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking	2.47	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.76*	
		For Fire Retardant Treatment, Add	*1.03*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.21*	
		For ACQ Preservative Treatment, Add	*0.62*	
		For Fir Plywood, Add	*0.24*	
		For BC Grade Plywood, Add	*0.19*	
		For Exterior Glue, Add	*0.12*	
		For Marine Grade, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.75	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.92*	
		For Fire Retardant Treatment, Add	*1.16*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.24*	
		For ACQ Preservative Treatment, Add	*0.71*	
		For Fir Plywood, Add	*0.27*	
		For BC Grade Plywood, Add	*0.22*	
		For Exterior Glue, Add	*0.14*	
		For Marine Grade, Add	*1.15*	
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	3.25	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.04*	
		For Fire Retardant Treatment, Add	*1.49*	
		For >1,696 To 3,200, Deduct	*-0.11*	
		For >3,200 To 6,400, Deduct	*-0.17*	
		For >6,400 To 12,800, Deduct	*-0.24*	
		For >12,800, Deduct	*-0.29*	
		For ACQ Preservative Treatment, Add	*0.91*	
		For Fir Plywood, Add	*0.35*	
		For BC Grade Plywood, Add	*0.28*	
		For Exterior Glue, Add	*0.18*	
		For Marine Grade, Add	*1.48*	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	5.19	0.85
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.43*	
		For Fire Retardant Treatment, Add	*2.82*	
		For >1,696 To 3,200, Deduct	*-0.21*	
		For >3,200 To 6,400, Deduct	*-0.32*	
		For >6,400 To 12,800, Deduct	*-0.43*	
		For >12,800, Deduct	*-0.51*	
		For ACQ Preservative Treatment, Add	*1.71*	
		For Fir Plywood, Add	*0.66*	
		For BC Grade Plywood, Add	*0.53*	
		For Exterior Glue, Add	*0.33*	
		For Marine Grade, Add	*2.80*	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.25	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.76*	
		For Fire Retardant Treatment, Add	*1.64*	
		For >1,696 To 3,200, Deduct	*-0.12*	
		For >3,200 To 6,400, Deduct	*-0.19*	
		For >6,400 To 12,800, Deduct	*-0.26*	
		For >12,800, Deduct	*-0.31*	
		For ACQ Preservative Treatment, Add	*1.00*	
		For Exterior Glue, Add	*0.19*	
		For Marine Grade, Add	*1.63*	
		For Tongue And Groove, Add	*0.15*	
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.57	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.92*	
		For Fire Retardant Treatment, Add	*1.81*	
		For >1,696 To 3,200, Deduct	*-0.14*	
		For >3,200 To 6,400, Deduct	*-0.21*	
		For >6,400 To 12,800, Deduct	*-0.28*	
		For >12,800, Deduct	*-0.34*	
		For ACQ Preservative Treatment, Add	*1.10*	
		For Exterior Glue, Add	*0.21*	
		For Marine Grade, Add	*1.79*	
		For Tongue And Groove, Add	*0.16*	
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.84	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.04*	
		For Fire Retardant Treatment, Add	*1.96*	
		For >1,696 To 3,200, Deduct	*-0.15*	
		For >3,200 To 6,400, Deduct	*-0.22*	
		For >6,400 To 12,800, Deduct	*-0.31*	
		For >12,800, Deduct	*-0.37*	
		For ACQ Preservative Treatment, Add	*1.19*	
		For Exterior Glue, Add	*0.23*	
		For Marine Grade, Add	*1.94*	
		For Tongue And Groove, Add	*0.17*	

06 16 33 00-0025 Underlayment Grade *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade	2.08	0.56
		For Fire Retardant Treatment, Add	*0.79*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade	2.23	0.56
		For Fire Retardant Treatment, Add	*0.86*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.19*	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade	2.34	0.66
		For Fire Retardant Treatment, Add	*0.93*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade	2.71	0.66
		For Fire Retardant Treatment, Add	*1.11*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.23*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade	3.00	0.66
		For Fire Retardant Treatment, Add	*1.34*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.12*	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade	4.05	0.75
		For Fire Retardant Treatment, Add	*2.05*	
		For >1,696 To 3,200, Deduct	*-0.16*	
		For >3,200 To 6,400, Deduct	*-0.23*	
		For >6,400 To 12,800, Deduct	*-0.27*	
		For >12,800, Deduct	*-0.38*	
		For Tongue And Groove, Add	*0.18*	
06 16 33 00-0032	SF	3/8" Thick CDX Plywood Underlayment Grade	2.47	0.56
		For Fire Retardant Treatment, Add	*1.05*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.22*	
06 16 33 00-0033	SF	5/8" Thick CDX Plywood Underlayment Grade	3.30	0.66
		For Fire Retardant Treatment, Add	*1.60*	
		For >1,696 To 3,200, Deduct	*-0.12*	
		For >3,200 To 6,400, Deduct	*-0.18*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.31*	

06 16 33 00-0034 Oriented Strand Board *(06 16 33)*

06 16 33 00-0035 On Roof *(06 16 33 00-0034)*

06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.95	0.56
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.67*	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	2.19	0.56
		For >1,408 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.18*	
		For Fire Retardant Treatment, Add	*0.77*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.82*	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.72	0.66
		For >1,408 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.24*	
		For Fire Retardant Treatment, Add	*1.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.95*	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	3.30	0.66
		For >1,408 To 3,200, Deduct	*-0.11*	
		For >3,200 To 6,400, Deduct	*-0.17*	
		For >6,400 To 12,800, Deduct	*-0.24*	
		For >12,800, Deduct	*-0.30*	
		For Fire Retardant Treatment, Add	*1.49*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.12*	

06 16 33 00-0040 On Walls *(06 16 33 00-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.25	0.66
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.12*	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.48	0.75
		For >1,408 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.77*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.25*	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	3.03	0.85
		For >1,408 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.25*	
		For Fire Retardant Treatment, Add	*1.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.42*	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	3.62	0.85
		For >1,408 To 3,200, Deduct	*-0.11*	
		For >3,200 To 6,400, Deduct	*-0.17*	
		For >6,400 To 12,800, Deduct	*-0.25*	
		For >12,800, Deduct	*-0.31*	
		For Fire Retardant Treatment, Add	*1.49*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0045		On Floors *(06 16 33 00-0034)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.97	0.56
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.70*	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.34	0.66
		For >1,408 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.77*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.04*	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.90	0.75
		For >1,408 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.24*	
		For Fire Retardant Treatment, Add	*1.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.22*	
06 16 33 00-0049	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	3.50	0.85
		For >1,408 To 3,200, Deduct	*-0.11*	
		For >3,200 To 6,400, Deduct	*-0.17*	
		For >6,400 To 12,800, Deduct	*-0.25*	
		For >12,800, Deduct	*-0.31*	
		For Fire Retardant Treatment, Add	*1.49*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.42*	
06 16 33 00-0050		Particle Board *(06 16 33)*		
06 16 33 00-0051		Particle Board Floor Decking *(06 16 33 00-0050)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF	3/8" Particle Board Floor Decking	1.71	0.47
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.47*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0053	SF	1/2" Particle Board Floor Decking	1.98	0.47
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.64*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Tongue And Groove, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0054	SF	5/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.25	0.56
		For Fire Retardant Treatment Add	*0.81*	
		For >1,536 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0055	SF	3/4" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.50	0.56
		For Fire Retardant Treatment Add	*0.94*	
		For >1,536 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.08*	

06 16 43 Gypsum Sheathing *(06 16)*

06 16 43 00-0001 Exterior Gypsum Sheathing *(06 16 43)*

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.60	0.75
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.25*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.81	0.94
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.42*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	9.78	1.63
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	11.00	1.65
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	12.41	1.68
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	14.21	1.70
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	15.55	1.73
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	17.39	1.79
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	20.12	1.82
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	28.42	2.07

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	3.43	0.75
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	4.96	0.80

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.28	1.21
		For I-Joists 30' To 40' In Length, Add	*0.53*	
		For I-Joists >40' In Length, Add	*1.31*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.68	1.34
		For I-Joists 30' To 40' In Length, Add	*0.59*	
		For I-Joists >40' In Length, Add	*1.45*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	7.92	1.51
		For I-Joists 30' To 40' In Length, Add	*0.67*	
		For I-Joists >40' In Length, Add	*1.64*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	8.95	1.68
		For I-Joists 30' To 40' In Length, Add	*0.74*	
		For I-Joists >40' In Length, Add	*1.81*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	7.22	1.68
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	8.16	1.70
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	9.28	1.73

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53		**Shop-Fabricated Wood Trusses** *(06 17)*			
		Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.			
06 17 53 00-0001		Pre-Assembled Wood Roof Trusses *(06 17 53)*			
		Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.			
06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		212.18	70.61
		For Up To 15, Add		*5.32*	
		For >35, Deduct		*-3.55*	
		For 3 In 12 Slope, Add		*2.13*	
		For 5 In 12 Slope, Add		*5.68*	
		For 6 In 12 Slope, Add		*10.64*	
		For 7 In 12 Slope, Add		*14.19*	
		For 8 In 12 Slope, Add		*17.03*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		237.54	77.34
		For Up To 15, Add		*6.22*	
		For >35, Deduct		*-4.14*	
		For 3 In 12 Slope, Add		*2.49*	
		For 5 In 12 Slope, Add		*6.63*	
		For 6 In 12 Slope, Add		*12.43*	
		For 7 In 12 Slope, Add		*16.57*	
		For 8 In 12 Slope, Add		*19.89*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		267.84	84.05
		For Up To 15, Add		*7.48*	
		For >35, Deduct		*-4.99*	
		For 3 In 12 Slope, Add		*2.99*	
		For 5 In 12 Slope, Add		*7.98*	
		For 6 In 12 Slope, Add		*14.96*	
		For 7 In 12 Slope, Add		*19.94*	
		For 8 In 12 Slope, Add		*23.93*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		311.15	90.78
		For Up To 15, Add		*9.72*	
		For >35, Deduct		*-6.48*	
		For 3 In 12 Slope, Add		*3.89*	
		For 5 In 12 Slope, Add		*10.37*	
		For 6 In 12 Slope, Add		*19.44*	
		For 7 In 12 Slope, Add		*25.92*	
		For 8 In 12 Slope, Add		*31.10*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		346.98	97.51
		For Up To 15, Add		*11.40*	
		For >35, Deduct		*-7.60*	
		For 3 In 12 Slope, Add		*4.56*	
		For 5 In 12 Slope, Add		*12.16*	
		For 6 In 12 Slope, Add		*22.80*	
		For 7 In 12 Slope, Add		*30.39*	
		For 8 In 12 Slope, Add		*36.47*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		357.09	107.59
		For Up To 15, Add		*10.64*	
		For >35, Deduct		*-7.10*	
		For 3 In 12 Slope, Add		*4.26*	
		For 5 In 12 Slope, Add		*11.35*	
		For 6 In 12 Slope, Add		*21.29*	
		For 7 In 12 Slope, Add		*28.38*	
		For 8 In 12 Slope, Add		*34.06*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		374.67	171.48
		For Up To 15, Add		*10.95*	
		For >35, Deduct		*-7.30*	
		For 3 In 12 Slope, Add		*4.38*	
		For 5 In 12 Slope, Add		*11.68*	
		For 6 In 12 Slope, Add		*21.91*	
		For 7 In 12 Slope, Add		*29.21*	
		For 8 In 12 Slope, Add		*35.05*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		400.51	121.04
		For Up To 15, Add		*11.88*	
		For >35, Deduct		*-7.92*	
		For 3 In 12 Slope, Add		*4.75*	
		For 5 In 12 Slope, Add		*12.67*	
		For 6 In 12 Slope, Add		*23.76*	
		For 7 In 12 Slope, Add		*31.68*	
		For 8 In 12 Slope, Add		*38.02*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope		427.67	191.65
		For Up To 15, Add		*12.91*	
		For >35, Deduct		*-8.61*	
		For 3 In 12 Slope, Add		*5.16*	
		For 5 In 12 Slope, Add		*13.77*	
		For 6 In 12 Slope, Add		*25.82*	
		For 7 In 12 Slope, Add		*34.43*	
		For 8 In 12 Slope, Add		*41.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	456.64	134.49
		For Up To 15, Add	*14.07*	
		For >35, Deduct	*-9.38*	
		For 3 In 12 Slope, Add	*5.63*	
		For 5 In 12 Slope, Add	*15.01*	
		For 6 In 12 Slope, Add	*28.15*	
		For 7 In 12 Slope, Add	*37.53*	
		For 8 In 12 Slope, Add	*45.04*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	476.04	211.82
		For Up To 15, Add	*14.52*	
		For >35, Deduct	*-9.68*	
		For 3 In 12 Slope, Add	*5.81*	
		For 5 In 12 Slope, Add	*15.49*	
		For 6 In 12 Slope, Add	*29.04*	
		For 7 In 12 Slope, Add	*38.72*	
		For 8 In 12 Slope, Add	*46.47*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	502.11	144.58
		For Up To 15, Add	*15.97*	
		For >35, Deduct	*-10.65*	
		For 3 In 12 Slope, Add	*6.39*	
		For 5 In 12 Slope, Add	*17.04*	
		For 6 In 12 Slope, Add	*31.94*	
		For 7 In 12 Slope, Add	*42.59*	
		For 8 In 12 Slope, Add	*51.11*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	557.94	227.02
		For Up To 15, Add	*19.15*	
		For >35, Deduct	*-12.77*	
		For 3 In 12 Slope, Add	*7.66*	
		For 5 In 12 Slope, Add	*20.43*	
		For 6 In 12 Slope, Add	*38.30*	
		For 7 In 12 Slope, Add	*51.07*	
		For 8 In 12 Slope, Add	*61.28*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	584.77	154.67
		For Up To 15, Add	*20.66*	
		For >35, Deduct	*-13.77*	
		For 3 In 12 Slope, Add	*8.26*	
		For 5 In 12 Slope, Add	*22.04*	
		For 6 In 12 Slope, Add	*41.32*	
		For 7 In 12 Slope, Add	*55.09*	
		For 8 In 12 Slope, Add	*66.11*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	617.03	242.09
		For Up To 15, Add	*22.07*	
		For >35, Deduct	*-14.71*	
		For 3 In 12 Slope, Add	*8.83*	
		For 5 In 12 Slope, Add	*23.54*	
		For 6 In 12 Slope, Add	*44.14*	
		For 7 In 12 Slope, Add	*58.85*	
		For 8 In 12 Slope, Add	*70.62*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	636.78	168.12
		For Up To 15, Add	*22.54*	
		For >35, Deduct	*-15.03*	
		For 3 In 12 Slope, Add	*9.02*	
		For 5 In 12 Slope, Add	*24.04*	
		For 6 In 12 Slope, Add	*45.08*	
		For 7 In 12 Slope, Add	*60.11*	
		For 8 In 12 Slope, Add	*72.13*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	713.78	262.26
		For Up To 15, Add	*27.31*	
		For >35, Deduct	*-18.21*	
		For 3 In 12 Slope, Add	*10.92*	
		For 5 In 12 Slope, Add	*29.13*	
		For 6 In 12 Slope, Add	*54.62*	
		For 7 In 12 Slope, Add	*72.82*	
		For 8 In 12 Slope, Add	*87.38*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	789.06	181.56
		For Up To 15, Add	*31.94*	
		For >35, Deduct	*-21.30*	
		For 3 In 12 Slope, Add	*12.78*	
		For 5 In 12 Slope, Add	*34.07*	
		For 6 In 12 Slope, Add	*63.89*	
		For 7 In 12 Slope, Add	*85.19*	
		For 8 In 12 Slope, Add	*102.22*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	816.23	188.29
		For Up To 15, Add	*32.97*	
		For >35, Deduct	*-21.98*	
		For 3 In 12 Slope, Add	*13.19*	
		For 5 In 12 Slope, Add	*35.17*	
		For 6 In 12 Slope, Add	*65.95*	
		For 7 In 12 Slope, Add	*87.93*	
		For 8 In 12 Slope, Add	*105.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	860.00	195.01
		For Up To 15, Add	*35.25*	
		For >35, Deduct	*-23.50*	
		For 3 In 12 Slope, Add	*14.10*	
		For 5 In 12 Slope, Add	*37.60*	
		For 6 In 12 Slope, Add	*70.50*	
		For 7 In 12 Slope, Add	*93.99*	
		For 8 In 12 Slope, Add	*112.79*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,005.05	201.74
		For Up To 15, Add	*45.12*	
		For >35, Deduct	*-30.08*	
		For 3 In 12 Slope, Add	*18.05*	
		For 5 In 12 Slope, Add	*48.13*	
		For 6 In 12 Slope, Add	*90.24*	
		For 7 In 12 Slope, Add	*120.32*	
		For 8 In 12 Slope, Add	*144.38*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	941.53	181.43
		For Up To 15, Add	*40.35*	
		For >35, Deduct	*-26.90*	
		For 3 In 12 Slope, Add	*16.14*	
		For 5 In 12 Slope, Add	*43.04*	
		For 6 In 12 Slope, Add	*80.71*	
		For 7 In 12 Slope, Add	*107.61*	
		For 8 In 12 Slope, Add	*129.13*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	987.69	211.82
		For Up To 15, Add	*42.30*	
		For >35, Deduct	*-28.20*	
		For 3 In 12 Slope, Add	*16.92*	
		For 5 In 12 Slope, Add	*45.12*	
		For 6 In 12 Slope, Add	*84.61*	
		For 7 In 12 Slope, Add	*112.81*	
		For 8 In 12 Slope, Add	*135.37*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,028.87	196.36
		For Up To 15, Add	*44.38*	
		For >35, Deduct	*-29.59*	
		For 3 In 12 Slope, Add	*17.75*	
		For 5 In 12 Slope, Add	*47.34*	
		For 6 In 12 Slope, Add	*88.77*	
		For 7 In 12 Slope, Add	*118.35*	
		For 8 In 12 Slope, Add	*142.02*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,068.44	221.91
		For Up To 15, Add	*46.85*	
		For >35, Deduct	*-31.23*	
		For 3 In 12 Slope, Add	*18.74*	
		For 5 In 12 Slope, Add	*49.97*	
		For 6 In 12 Slope, Add	*93.69*	
		For 7 In 12 Slope, Add	*124.92*	
		For 8 In 12 Slope, Add	*149.91*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	1,092.09	225.28
		For Up To 15, Add	*48.12*	
		For >35, Deduct	*-32.08*	
		For 3 In 12 Slope, Add	*19.25*	
		For 5 In 12 Slope, Add	*51.32*	
		For 6 In 12 Slope, Add	*96.23*	
		For 7 In 12 Slope, Add	*128.31*	
		For 8 In 12 Slope, Add	*153.97*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	221.20	70.61
		For 3 In 12 Slope, Add	*2.40*	
		For 5 In 12 Slope, Add	*6.40*	
		For 6 In 12 Slope, Add	*12.00*	
		For 7 In 12 Slope, Add	*16.00*	
		For 8 In 12 Slope, Add	*19.20*	
		For 16" On Center Gable Studs, Add	*16.00*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	248.08	77.34
		For 3 In 12 Slope, Add	*2.80*	
		For 5 In 12 Slope, Add	*7.47*	
		For 6 In 12 Slope, Add	*14.01*	
		For 7 In 12 Slope, Add	*18.68*	
		For 8 In 12 Slope, Add	*22.42*	
		For 16" On Center Gable Studs, Add	*18.68*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	280.53	84.05
		For 3 In 12 Slope, Add	*3.37*	
		For 5 In 12 Slope, Add	*8.99*	
		For 6 In 12 Slope, Add	*16.86*	
		For 7 In 12 Slope, Add	*22.48*	
		For 8 In 12 Slope, Add	*26.98*	
		For 16" On Center Gable Studs, Add	*22.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	327.62	90.78
		For 3 In 12 Slope, Add	*4.38*	
		For 5 In 12 Slope, Add	*11.68*	
		For 6 In 12 Slope, Add	*21.91*	
		For 7 In 12 Slope, Add	*29.21*	
		For 8 In 12 Slope, Add	*35.05*	
		For 16" On Center Gable Studs, Add	*29.21*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	366.31	97.51
		For 3 In 12 Slope, Add	*5.14*	
		For 5 In 12 Slope, Add	*13.70*	
		For 6 In 12 Slope, Add	*25.70*	
		For 7 In 12 Slope, Add	*34.26*	
		For 8 In 12 Slope, Add	*41.11*	
		For 16" On Center Gable Studs, Add	*34.26*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	395.43	107.59
		For 3 In 12 Slope, Add	*5.41*	
		For 5 In 12 Slope, Add	*14.42*	
		For 6 In 12 Slope, Add	*27.04*	
		For 7 In 12 Slope, Add	*36.05*	
		For 8 In 12 Slope, Add	*43.26*	
		For 16" On Center Gable Studs, Add	*36.05*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	414.12	114.32
		For 3 In 12 Slope, Add	*5.56*	
		For 5 In 12 Slope, Add	*14.84*	
		For 6 In 12 Slope, Add	*27.82*	
		For 7 In 12 Slope, Add	*37.10*	
		For 8 In 12 Slope, Add	*44.52*	
		For 16" On Center Gable Studs, Add	*37.10*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	443.30	121.04
		For 3 In 12 Slope, Add	*6.04*	
		For 5 In 12 Slope, Add	*16.10*	
		For 6 In 12 Slope, Add	*30.18*	
		For 7 In 12 Slope, Add	*40.24*	
		For 8 In 12 Slope, Add	*48.29*	
		For 16" On Center Gable Studs, Add	*40.24*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	474.16	127.77
		For 3 In 12 Slope, Add	*6.56*	
		For 5 In 12 Slope, Add	*17.49*	
		For 6 In 12 Slope, Add	*32.79*	
		For 7 In 12 Slope, Add	*43.73*	
		For 8 In 12 Slope, Add	*52.47*	
		For 16" On Center Gable Studs, Add	*43.73*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	507.34	134.49
		For 3 In 12 Slope, Add	*7.15*	
		For 5 In 12 Slope, Add	*19.07*	
		For 6 In 12 Slope, Add	*35.75*	
		For 7 In 12 Slope, Add	*47.67*	
		For 8 In 12 Slope, Add	*57.20*	
		For 16" On Center Gable Studs, Add	*47.67*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	530.43	141.22
		For 3 In 12 Slope, Add	*7.44*	
		For 5 In 12 Slope, Add	*19.84*	
		For 6 In 12 Slope, Add	*37.20*	
		For 7 In 12 Slope, Add	*49.60*	
		For 8 In 12 Slope, Add	*59.52*	
		For 16" On Center Gable Studs, Add	*49.60*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	561.97	144.58
		For 3 In 12 Slope, Add	*8.18*	
		For 5 In 12 Slope, Add	*21.82*	
		For 6 In 12 Slope, Add	*40.92*	
		For 7 In 12 Slope, Add	*54.56*	
		For 8 In 12 Slope, Add	*65.47*	
		For 16" On Center Gable Studs, Add	*54.56*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	629.68	151.31
		For 3 In 12 Slope, Add	*9.81*	
		For 5 In 12 Slope, Add	*26.17*	
		For 6 In 12 Slope, Add	*49.06*	
		For 7 In 12 Slope, Add	*65.42*	
		For 8 In 12 Slope, Add	*78.50*	
		For 16" On Center Gable Studs, Add	*65.42*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	662.18	154.67
		For 3 In 12 Slope, Add	*10.59*	
		For 5 In 12 Slope, Add	*28.23*	
		For 6 In 12 Slope, Add	*52.93*	
		For 7 In 12 Slope, Add	*70.57*	
		For 8 In 12 Slope, Add	*84.68*	
		For 16" On Center Gable Studs, Add	*70.57*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	699.71	161.39
		For 3 In 12 Slope, Add	*11.31*	
		For 5 In 12 Slope, Add	*30.15*	
		For 6 In 12 Slope, Add	*56.54*	
		For 7 In 12 Slope, Add	*75.39*	
		For 8 In 12 Slope, Add	*90.46*	
		For 16" On Center Gable Studs, Add	*75.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	745.50	168.12
		For 3 In 12 Slope, Add	*12.28*	
		For 5 In 12 Slope, Add	*32.74*	
		For 6 In 12 Slope, Add	*61.39*	
		For 7 In 12 Slope, Add	*81.85*	
		For 8 In 12 Slope, Add	*98.22*	
		For 16" On Center Gable Studs, Add	*81.85*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	845.49	174.84
		For 3 In 12 Slope, Add	*14.87*	
		For 5 In 12 Slope, Add	*39.66*	
		For 6 In 12 Slope, Add	*74.37*	
		For 7 In 12 Slope, Add	*99.16*	
		For 8 In 12 Slope, Add	*118.99*	
		For 16" On Center Gable Studs, Add	*99.16*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	943.13	181.56
		For 3 In 12 Slope, Add	*17.40*	
		For 5 In 12 Slope, Add	*46.40*	
		For 6 In 12 Slope, Add	*87.00*	
		For 7 In 12 Slope, Add	*116.00*	
		For 8 In 12 Slope, Add	*139.20*	
		For 16" On Center Gable Studs, Add	*116.00*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	975.27	188.29
		For 3 In 12 Slope, Add	*17.96*	
		For 5 In 12 Slope, Add	*47.90*	
		For 6 In 12 Slope, Add	*89.80*	
		For 7 In 12 Slope, Add	*119.74*	
		For 8 In 12 Slope, Add	*143.69*	
		For 16" On Center Gable Studs, Add	*119.74*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,029.97	195.01
		For 3 In 12 Slope, Add	*19.20*	
		For 5 In 12 Slope, Add	*51.20*	
		For 6 In 12 Slope, Add	*95.99*	
		For 7 In 12 Slope, Add	*127.99*	
		For 8 In 12 Slope, Add	*153.59*	
		For 16" On Center Gable Studs, Add	*127.99*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,137.79	201.74
		For 3 In 12 Slope, Add	*22.03*	
		For 5 In 12 Slope, Add	*58.75*	
		For 6 In 12 Slope, Add	*110.15*	
		For 7 In 12 Slope, Add	*146.86*	
		For 8 In 12 Slope, Add	*176.24*	
		For 16" On Center Gable Studs, Add	*146.86*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,161.04	208.46
		For 3 In 12 Slope, Add	*22.32*	
		For 5 In 12 Slope, Add	*59.53*	
		For 6 In 12 Slope, Add	*111.62*	
		For 7 In 12 Slope, Add	*148.82*	
		For 8 In 12 Slope, Add	*178.59*	
		For 16" On Center Gable Studs, Add	*148.82*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,203.73	211.82
		For 3 In 12 Slope, Add	*23.40*	
		For 5 In 12 Slope, Add	*62.41*	
		For 6 In 12 Slope, Add	*117.01*	
		For 7 In 12 Slope, Add	*156.02*	
		For 8 In 12 Slope, Add	*187.22*	
		For 16" On Center Gable Studs, Add	*156.02*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,255.49	218.55
		For 3 In 12 Slope, Add	*24.55*	
		For 5 In 12 Slope, Add	*65.47*	
		For 6 In 12 Slope, Add	*122.76*	
		For 7 In 12 Slope, Add	*163.68*	
		For 8 In 12 Slope, Add	*196.41*	
		For 16" On Center Gable Studs, Add	*163.68*	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,307.64	221.91
		For 3 In 12 Slope, Add	*25.91*	
		For 5 In 12 Slope, Add	*69.11*	
		For 6 In 12 Slope, Add	*129.57*	
		For 7 In 12 Slope, Add	*172.76*	
		For 8 In 12 Slope, Add	*207.32*	
		For 16" On Center Gable Studs, Add	*172.76*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,337.79	225.28
		For 3 In 12 Slope, Add	*26.62*	
		For 5 In 12 Slope, Add	*70.98*	
		For 6 In 12 Slope, Add	*133.09*	
		For 7 In 12 Slope, Add	*177.45*	
		For 8 In 12 Slope, Add	*212.94*	
		For 16" On Center Gable Studs, Add	*177.45*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	12.99	2.67
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	16.24	3.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	19.48	4.01
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	20.55	4.23
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	22.71	4.68
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	25.96	5.35
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	29.22	6.01
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	30.30	6.24
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	32.46	6.69
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	34.61	7.14
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	35.71	7.36
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	38.95	8.03
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	42.19	8.70
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	45.43	9.37
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	48.70	10.03
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	20.40	4.21
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	25.51	5.26
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	30.60	6.31
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	32.30	6.66
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	35.71	7.36
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	40.81	8.41
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	45.90	9.46
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	47.60	9.81
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	51.01	10.51
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	54.39	11.22
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	56.11	11.57
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	61.21	12.62
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	66.31	13.67
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	71.41	14.72
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	76.51	15.77
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	81.61	16.82
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	37.57	7.74
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	39.64	8.17
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	43.81	9.04
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	50.08	10.32
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	56.35	11.61
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	58.41	12.05
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	62.59	12.90
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	66.77	13.76
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	68.85	14.19
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	75.09	15.49
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	81.38	16.78
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	87.64	18.06
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	93.88	19.35
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	100.16	20.65
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	48.70	10.03
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	51.38	10.59
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	56.79	11.71
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	64.91	13.38
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	73.03	15.05
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	75.72	15.62
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	81.12	16.72
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	86.54	17.85
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	89.27	18.39
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	97.37	20.07
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	105.48	21.74
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	113.60	23.42
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	121.71	25.09
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	129.82	26.77
06 18 13 00-0061		Glue Laminated Decking *(06 18 13)*		
06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	6.45	1.60
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	6.54	1.60
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	6.58	1.52
06 18 16		**Glued-Laminated Columns** *(06 18)*		
06 18 16 00-0001		Glue Laminated Structural Units *(06 18 16)* Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	20.56	3.29
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	23.20	3.65
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	42.21	7.81
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	46.93	8.17

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	2.88	0.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.03	0.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	3.93	0.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	4.45	0.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	14.02	3.27
		For Birch, Add	*3.37*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.68*	
		For Poplar, Add	*1.87*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
		For Stain Grade Material (No Finger Joints), Add	*1.22*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	18.95	3.91
		For Birch, Add	*4.81*	
		For Mahogany, Oak, Maple Or Walnut, Add	*6.57*	
		For Poplar, Add	*2.67*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
		For Stain Grade Material (No Finger Joints), Add	*1.74*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	6.52	2.24
		For Birch, Add	*1.00*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.63*	
		For Poplar, Add	*0.56*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
		For Stain Grade Material (No Finger Joints), Add	*0.36*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	7.53	2.24
		For Birch, Add	*1.37*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.08*	
		For Poplar, Add	*0.76*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
		For Stain Grade Material (No Finger Joints), Add	*0.49*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	9.93	2.79
		For Birch, Add	*1.90*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.84*	
		For Poplar, Add	*1.05*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
		For Stain Grade Material (No Finger Joints), Add	*0.69*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	11.60	2.79
		For Birch, Add	*2.50*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.59*	
		For Poplar, Add	*1.39*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
		For Stain Grade Material (No Finger Joints), Add	*0.90*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	14.45	3.36
		For Birch, Add	*3.19*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.55*	
		For Poplar, Add	*1.77*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
		For Stain Grade Material (No Finger Joints), Add	*1.15*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	6.78	2.61
		For Birch, Add	*1.10*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.75*	
		For Poplar, Add	*0.61*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
		For Stain Grade Material (No Finger Joints), Add	*0.40*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	5.79	1.96
		For Birch, Add	*1.08*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.63*	
		For Poplar, Add	*0.60*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.64*	
		For Stain Grade Material (No Finger Joints), Add	*0.39*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	8.99	1.96
		For Birch, Add	*2.23*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.07*	
		For Poplar, Add	*1.24*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.64*	
		For Stain Grade Material (No Finger Joints), Add	*0.81*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.37	1.12
		For Birch, Add	*0.51*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.83*	
		For Poplar, Add	*0.28*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.45*	
		For Stain Grade Material (No Finger Joints), Add	*0.18*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	3.72	1.12
		For Birch, Add	*0.64*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.99*	
		For Poplar, Add	*0.35*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.45*	
		For Stain Grade Material (No Finger Joints), Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.01	1.40
		For Birch, Add	*0.96*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.44*	
		For Poplar, Add	*0.54*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.54*	
		For Stain Grade Material (No Finger Joints), Add	*0.35*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.01	1.40
		For Birch, Add	*0.96*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.44*	
		For Poplar, Add	*0.54*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.54*	
		For Stain Grade Material (No Finger Joints), Add	*0.35*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	6.64	1.40
		For Birch, Add	*1.55*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.17*	
		For Poplar, Add	*0.86*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.54*	
		For Stain Grade Material (No Finger Joints), Add	*0.56*	
06 22 13 00-0023	LF	7-1/2" Wide Mullion Covers	45.59	1.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 22 13 00-0024	LF	Three Piece Mullion Trim, 2 Cove Moldings	57.90	1.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	11.34	4.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.56*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	11.95	4.33
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.44*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	10.02	2.42
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	12.42	2.42
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	17.36	2.70

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	4.91	1.69
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.15*	
		For Glue Laminated Installation, Add	*0.25*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.04*	
		For 5/8" Thick Paneling, Add	*1.26*	
		For 3/4" Thick Paneling, Add	*1.55*	
		For Fire Retardant Treatment (Class I), Add	*0.85*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	5.49	2.07
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.35*	
		For Glue Laminated Installation, Add	*0.27*	
		For 1/8" Thick Paneling, Deduct	*-0.48*	
		For 1/2" Thick Paneling, Add	*1.07*	
		For 5/8" Thick Paneling, Add	*1.28*	
		For 3/4" Thick Paneling, Add	*1.54*	
		For Fire Retardant Treatment (Class I), Add	*0.77*	
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	5.65	1.69
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.15*	
		For Glue Laminated Installation, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.57*	
		For 1/2" Thick Paneling, Add	*1.44*	
		For 5/8" Thick Paneling, Add	*1.82*	
		For 3/4" Thick Paneling, Add	*2.31*	
		For Fire Retardant Treatment (Class I), Add	*1.43*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	5.71	2.07
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.35*	
		For Glue Laminated Installation, Add	*0.29*	
		For 1/8" Thick Paneling, Deduct	*-0.52*	
		For 1/2" Thick Paneling, Add	*1.19*	
		For 5/8" Thick Paneling, Add	*1.44*	
		For 3/4" Thick Paneling, Add	*1.77*	
		For Fire Retardant Treatment (Class I), Add	*0.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0007		Untempered Hardboard Panels *(06 25 16 00-0001)*		
06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	4.68	1.69
		For Waterproof Glue, Add	*0.06*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.09*	
		For Fire Retardant Treatment (Class I), Add	*0.66*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	71.32	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	62.02	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	14.81	

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	387.42	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	412.72	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	431.82	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	454.79	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	519.80	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	544.01	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	589.48	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	621.55	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	640.88	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	732.45	74.58
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	816.44	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	907.36	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	857.99	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	959.03	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	393.50	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	402.59	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	440.94	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	469.98	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	490.42	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	515.64	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	855.96	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	903.22	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	949.92	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	486.72	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	496.82	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	540.23	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	575.36	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	605.92	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	637.23	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	898.51	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	950.85	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,004.63	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0040		Wall Cabinet, 12" High, 12" Deep *(06 41 13 00-0006)*		
06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	345.88	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	369.91	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	408.18	55.93
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	436.55	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	292.96	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	299.89	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	314.93	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	322.87	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	331.83	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	347.88	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	373.05	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	408.18	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	436.55	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0055 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	305.12	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	321.17	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	333.17	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	346.17	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	364.26	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	385.44	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	404.62	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	419.66	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	428.44	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0065 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	329.21	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	359.48	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	384.45	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	414.88	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	444.32	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	488.81	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	500.88	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	547.47	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	563.66	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	372.78	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	405.08	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	433.09	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	465.54	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	548.68	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	551.63	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	571.81	46.61
		For All Plywood Box Construction, Add	*66.87*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	626.51	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	642.69	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0085		Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0006)*		
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	418.37	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	457.76	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	487.80	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	519.24	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	566.92	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	606.34	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	638.68	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	700.47	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	721.72	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0095		Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0006)*		
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	395.96	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	426.00	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	458.50	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	496.79	60.59
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	589.87	74.58
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0101		Utility Cabinets, 84" High *(06 41 13 00-0006)*		
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	753.04	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	853.61	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	961.28	389.46
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,009.18	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,228.30	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,421.07	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	856.39	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	947.84	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,084.89	58.01
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,152.05	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,438.04	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,648.04	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0114		Solid Oak Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0115		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0114)*		
06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	347.90	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	370.17	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	387.24	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	408.18	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	465.09	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	487.27	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	526.66	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	555.69	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	573.00	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	654.43	74.58
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	727.28	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	807.05	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	763.76	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	852.65	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	353.98	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	362.06	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	395.34	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	421.35	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	439.75	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	461.94	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	761.73	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	802.91	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	844.54	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	435.04	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	445.15	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	483.49	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	514.57	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	541.08	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	569.34	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	799.22	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	845.47	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	893.18	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	

06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	311.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	332.42	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	264.59	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	270.51	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	283.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	291.46	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	299.41	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	313.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	335.56	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	274.73	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	288.74	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	299.73	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	311.72	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	327.78	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	346.94	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	363.08	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	377.10	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	384.87	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	297.80	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	325.03	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	346.97	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	373.34	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	399.74	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	439.16	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	450.22	46.61
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	490.73	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	505.91	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	336.30	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	364.55	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	389.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	417.92	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	491.94	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	493.87	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	512.03	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	560.65	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	574.80	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0193 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	375.82	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	411.16	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	438.16	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	465.54	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	508.15	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	542.51	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	570.79	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	625.49	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	644.72	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0203 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0114)*

06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	356.44	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	383.44	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	411.90	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	446.13	60.59
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	528.06	74.58
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0209 Utility Cabinets, 84" High *(06 41 13 00-0114)*

06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	680.09	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	770.53	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	867.05	389.46
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	910.90	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,104.69	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,276.18	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	771.28	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	853.61	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	975.47	58.01
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,036.54	66.30
		For All Plywood Box Construction, Add	*247.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,289.09	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,475.79	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0222		Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0223		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0222)*		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	347.90	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	370.17	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	387.24	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	408.18	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	465.09	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	487.27	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	526.66	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	555.69	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	573.00	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	654.43	74.58
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	727.28	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	807.05	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*239.12*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	763.76	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	852.65	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	353.98	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	362.06	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	395.34	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	421.35	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	439.75	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	461.94	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	761.73	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	802.91	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	844.54	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*358.68*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	435.04	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	445.15	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	483.49	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	514.57	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	541.08	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	569.34	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	799.22	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	845.47	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	893.18	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	

06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	311.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	332.42	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	264.59	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	270.51	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	283.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	291.46	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	299.41	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	313.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	335.56	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0271		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	274.73	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	288.74	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	299.73	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	311.72	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	327.78	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	346.94	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	363.08	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	377.10	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	384.87	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0281		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	297.80	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	325.03	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	346.97	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	373.34	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	399.74	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	439.16	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	450.22	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	490.73	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	505.91	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0291		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	336.30	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	364.55	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	389.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	417.92	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	491.94	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	493.87	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	512.03	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	560.65	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	574.80	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0301		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	375.82	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	411.16	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	438.16	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	465.54	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	508.15	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	542.51	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	570.79	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	625.49	51.27
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	644.72	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0222)*

06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	356.44	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	383.44	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	411.90	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	446.13	60.59
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	528.06	74.58
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0317 Utility Cabinets, 84" High *(06 41 13 00-0222)*

06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	680.09	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	770.53	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	867.05	389.46
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	910.90	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,104.69	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,276.18	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	771.28	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	853.61	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	975.47	58.01
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,036.54	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,289.09	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,475.79	99.44
		For All Plywood Box Construction, Add	*247.23*	

06 41 13 00-0330 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0331 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	347.90	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	370.17	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	387.24	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	408.18	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	465.09	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	487.27	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	526.66	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	555.69	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	573.00	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*119.56*	
		For All Plywood Box Construction, Add	*124.63*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet		654.43	74.58
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*239.12*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		727.28	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*239.12*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		807.05	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*239.12*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		763.76	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		852.65	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		353.98	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		362.06	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		395.34	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		421.35	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		439.75	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		461.94	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		761.73	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		802.91	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		844.54	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*358.68*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		435.04	18.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		445.15	23.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		483.49	27.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		514.57	32.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		541.08	37.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		569.34	41.95
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet		799.22	46.61
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*478.24*	
		For All Plywood Box Construction, Add		*124.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	845.47	51.27
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	893.18	55.93
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*478.24*	
		For All Plywood Box Construction, Add	*124.63*	

06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	311.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	332.42	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	264.59	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	270.51	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	283.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	291.46	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	299.41	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	313.43	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	335.56	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	366.64	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	391.97	60.59
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	274.73	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	288.74	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	299.73	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	311.72	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	327.78	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	346.94	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	363.08	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	377.10	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	384.87	55.93
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	297.80	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	325.03	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	346.97	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	373.34	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	399.74	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	439.16	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	450.22	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	490.73	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	505.91	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0399		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	336.30	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	364.55	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	389.52	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	417.92	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	491.94	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	493.87	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	512.03	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	560.65	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	574.80	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0409		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	375.82	18.64
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	411.16	23.30
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	438.16	27.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	465.54	32.63
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	508.15	37.29
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	542.51	41.97
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	570.79	46.61
		For All Plywood Box Construction, Add	*66.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	625.49	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	644.72	55.93
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	356.44	46.61
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	383.44	51.27
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	411.90	55.93
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	446.13	60.59
		For All Plywood Box Construction, Add	*66.87*	
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	528.06	74.58
		For All Plywood Box Construction, Add	*66.87*	

06 41 13 00-0425 Utility Cabinets, 84" High *(06 41 13 00-0330)*

06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	680.09	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	770.53	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	867.05	389.46
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	910.90	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,104.69	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,276.18	99.44
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	771.28	41.43
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	853.61	49.72
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	975.47	58.01
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,036.54	66.30
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,289.09	82.86
		For All Plywood Box Construction, Add	*247.23*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,475.79	99.44
		For All Plywood Box Construction, Add	*247.23*	

06 41 93 Cabinet and Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	23.21	7.93
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	24.06	7.93
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	25.55	7.93
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	27.21	7.93
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	28.06	7.93
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	37.20	7.93
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	75.07	7.93
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	18.20	6.06
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	18.04	6.06
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	24.65	6.99
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	28.64	6.99
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	31.36	6.99
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	35.08	6.99
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	52.35	6.99
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	36.42	9.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	53.82	9.33
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	129.35	13.99
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	47.78	7.93
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	32.00	7.93

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	9.89	1.96
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	10.47	1.96

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	11.75	1.86
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	10.86	1.86

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	11.62	1.96

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	7.26	1.67

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Maple Veneer Paneling	5.53	1.69
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.15*	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0004 Birch *(06 42 16 00-0003)*

06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.90	1.51
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.01*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.66*	
		For 1/2" Thick Paneling, Add	*1.77*	
		For 5/8" Thick Paneling, Add	*2.30*	
		For 3/4" Thick Paneling, Add	*2.98*	
		For Fire Retardant Treatment (Class I), Add	*1.99*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	6.08	1.51
		For Waterproof Glue, Add	*0.19*	
		For Ceiling Installation, Add	*1.01*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.30*	
		For 1/8" Thick Paneling, Deduct	*-0.69*	
		For 1/2" Thick Paneling, Add	*1.86*	
		For 5/8" Thick Paneling, Add	*2.43*	
		For 3/4" Thick Paneling, Add	*3.16*	
		For Fire Retardant Treatment (Class I), Add	*2.13*	

06 42 16 00-0007 Knotty Pine *(06 42 16 00-0003)*

06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	7.08	1.69
		For Waterproof Glue, Add	*0.23*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.37*	
		For 1/8" Thick Paneling, Deduct	*-0.82*	
		For 1/2" Thick Paneling, Add	*2.24*	
		For 5/8" Thick Paneling, Add	*2.94*	
		For 3/4" Thick Paneling, Add	*3.84*	
		For Fire Retardant Treatment (Class I), Add	*2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	6.94	1.69
		For Waterproof Glue, Add	*0.22*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.35*	
		For 1/8" Thick Paneling, Deduct	*-0.79*	
		For 1/2" Thick Paneling, Add	*2.17*	
		For 5/8" Thick Paneling, Add	*2.84*	
		For 3/4" Thick Paneling, Add	*3.69*	
		For Fire Retardant Treatment (Class I), Add	*2.51*	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.35	1.88
		For Waterproof Glue, Add	*0.15*	
		For Ceiling Installation, Add	*1.27*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.65*	
		For 1/2" Thick Paneling, Add	*1.65*	
		For 5/8" Thick Paneling, Add	*2.10*	
		For 3/4" Thick Paneling, Add	*2.67*	
		For Fire Retardant Treatment (Class I), Add	*1.67*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.29	1.88
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.27*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.12*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.08*	
		For 5/8" Thick Paneling, Add	*1.30*	
		For 3/4" Thick Paneling, Add	*1.59*	
		For Fire Retardant Treatment (Class I), Add	*0.84*	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*		
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.57	1.69
		For Flitch Matched Veneer, Add	*1.41*	
		For Second Grade Veneer, Deduct	*-0.28*	
		For Third Grade Veneer, Deduct	*-0.42*	
		For Waterproof Glue, Add	*0.20*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.31*	
		For 1/8" Thick Paneling, Deduct	*-0.73*	
		For 1/2" Thick Paneling, Add	*1.97*	
		For 5/8" Thick Paneling, Add	*2.56*	
		For 3/4" Thick Paneling, Add	*3.32*	
		For Fire Retardant Treatment (Class I), Add	*2.22*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	7.83	1.69
		For Flitch Matched Veneer, Add	*2.04*	
		For Second Grade Veneer, Deduct	*-0.41*	
		For Third Grade Veneer, Deduct	*-0.61*	
		For Waterproof Glue, Add	*0.28*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.39*	
		For Lumber Core, Add	*0.45*	
		For 1/8" Thick Paneling, Deduct	*-0.94*	
		For 1/2" Thick Paneling, Add	*2.65*	
		For 5/8" Thick Paneling, Add	*3.50*	
		For 3/4" Thick Paneling, Add	*4.60*	
		For Fire Retardant Treatment (Class I), Add	*3.22*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	13.25	1.69
		For Flitch Matched Veneer, Add	*4.38*	
		For Second Grade Veneer, Deduct	*-0.88*	
		For Third Grade Veneer, Deduct	*-1.31*	
		For Waterproof Glue, Add	*0.61*	
		For Ceiling Installation, Add	*1.35*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.66*	
		For Lumber Core, Add	*0.96*	
		For 1/8" Thick Paneling, Deduct	*-1.78*	
		For 1/2" Thick Paneling, Add	*5.27*	
		For 5/8" Thick Paneling, Add	*7.10*	
		For 3/4" Thick Paneling, Add	*9.47*	
		For Fire Retardant Treatment (Class I), Add	*6.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.23	1.69
		For Flitch Matched Veneer, Add	*0.93*	
		For Second Grade Veneer, Deduct	*-0.19*	
		For Third Grade Veneer, Deduct	*-0.28*	
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.01*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.20*	
		For 1/8" Thick Paneling, Deduct	*-0.65*	
		For 1/2" Thick Paneling, Add	*1.41*	
		For 5/8" Thick Paneling, Add	*1.80*	
		For 3/4" Thick Paneling, Add	*2.30*	
		For Fire Retardant Treatment (Class I), Add	*1.47*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	11.27	1.69
		For Flitch Matched Veneer, Add	*3.52*	
		For Second Grade Veneer, Deduct	*-0.70*	
		For Third Grade Veneer, Deduct	*-1.06*	
		For Waterproof Glue, Add	*0.49*	
		For Ceiling Installation, Add	*1.27*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.56*	
		For Lumber Core, Add	*0.77*	
		For 1/8" Thick Paneling, Deduct	*-1.47*	
		For 1/2" Thick Paneling, Add	*4.31*	
		For 5/8" Thick Paneling, Add	*5.79*	
		For 3/4" Thick Paneling, Add	*7.69*	
		For Fire Retardant Treatment (Class I), Add	*5.56*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.88	1.69
		For Flitch Matched Veneer, Add	*1.56*	
		For Second Grade Veneer, Deduct	*-0.31*	
		For Third Grade Veneer, Deduct	*-0.47*	
		For Waterproof Glue, Add	*0.22*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.34*	
		For Lumber Core, Add	*0.34*	
		For 1/8" Thick Paneling, Deduct	*-0.78*	
		For 1/2" Thick Paneling, Add	*2.14*	
		For 5/8" Thick Paneling, Add	*2.79*	
		For 3/4" Thick Paneling, Add	*3.63*	
		For Fire Retardant Treatment (Class I), Add	*2.46*	
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	8.35	1.69
		For Flitch Matched Veneer, Add	*2.06*	
		For Second Grade Veneer, Deduct	*-0.41*	
		For Third Grade Veneer, Deduct	*-0.62*	
		For Waterproof Glue, Add	*0.29*	
		For Ceiling Installation, Add	*1.27*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.42*	
		For Lumber Core, Add	*0.45*	
		For 1/8" Thick Paneling, Deduct	*-0.98*	
		For 1/2" Thick Paneling, Add	*2.73*	
		For 5/8" Thick Paneling, Add	*3.60*	
		For 3/4" Thick Paneling, Add	*4.71*	
		For Fire Retardant Treatment (Class I), Add	*3.25*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	15.26	1.69
		For Flitch Matched Veneer, Add	*4.99*	
		For Second Grade Veneer, Deduct	*-1.00*	
		For Third Grade Veneer, Deduct	*-1.50*	
		For Waterproof Glue, Add	*0.70*	
		For Ceiling Installation, Add	*1.59*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.76*	
		For Lumber Core, Add	*1.10*	
		For 1/8" Thick Paneling, Deduct	*-2.04*	
		For 1/2" Thick Paneling, Add	*6.02*	
		For 5/8" Thick Paneling, Add	*8.11*	
		For 3/4" Thick Paneling, Add	*10.80*	
		For Fire Retardant Treatment (Class I), Add	*7.88*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	11.25	1.69
		For Flitch Matched Veneer, Add	*3.51*	
		For Second Grade Veneer, Deduct	*-0.70*	
		For Third Grade Veneer, Deduct	*-1.05*	
		For Waterproof Glue, Add	*0.49*	
		For Ceiling Installation, Add	*1.27*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.56*	
		For Lumber Core, Add	*0.77*	
		For 1/8" Thick Paneling, Deduct	*-1.47*	
		For 1/2" Thick Paneling, Add	*4.30*	
		For 5/8" Thick Paneling, Add	*5.77*	
		For 3/4" Thick Paneling, Add	*7.67*	
		For Fire Retardant Treatment (Class I), Add	*5.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	9.74	1.69
		For Flitch Matched Veneer, Add	*2.99*	
		For Second Grade Veneer, Deduct	*-0.60*	
		For Third Grade Veneer, Deduct	*-0.90*	
		For Waterproof Glue, Add	*0.42*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.49*	
		For Lumber Core, Add	*0.66*	
		For 1/8" Thick Paneling, Deduct	*-1.26*	
		For 1/2" Thick Paneling, Add	*3.68*	
		For 5/8" Thick Paneling, Add	*4.94*	
		For 3/4" Thick Paneling, Add	*6.55*	
		For Fire Retardant Treatment (Class I), Add	*4.72*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.94	1.69
		For Flitch Matched Veneer, Add	*1.59*	
		For Second Grade Veneer, Deduct	*-0.32*	
		For Third Grade Veneer, Deduct	*-0.48*	
		For Waterproof Glue, Add	*0.22*	
		For Ceiling Installation, Add	*1.13*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.35*	
		For 1/8" Thick Paneling, Deduct	*-0.79*	
		For 1/2" Thick Paneling, Add	*2.17*	
		For 5/8" Thick Paneling, Add	*2.84*	
		For 3/4" Thick Paneling, Add	*3.69*	
		For Fire Retardant Treatment (Class I), Add	*2.51*	
06 42 16 00-0025		Accessories *(06 42 16)*		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	27.11	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	9.72	3.27

06 43 Wood Stairs and Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

06 43 13 00-0001		Stair Parts *(06 43 13)*		
06 43 13 00-0002	EA	30" Baluster, Pine	51.13	18.92
06 43 13 00-0003	EA	30" Baluster, Birch	61.46	18.92
06 43 13 00-0004	EA	42" Baluster, Pine	58.27	19.57
06 43 13 00-0005	EA	42" Baluster, Birch	69.28	19.57
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	312.89	74.36
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	459.09	104.36
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	182.33	65.23
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.41*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	214.83	71.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.54*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	37.99	9.79
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.21*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	50.89	5.49
		For Beech, Add	*11.99*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.51*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	62.26	5.49
		For Beech, Add	*15.40*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.51*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	27.05	5.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.51*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	37.59	5.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	35.18	5.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	19.68	5.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	18.92	5.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	40.36	
06 43 13 00-0019		Interior Box Stairs *(06 43 13)* Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	276.75	56.74
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.64*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*68.32*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.13*	
		For Oak Or Maple Treads, Add	*88.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	294.01	58.05
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.06*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*68.87*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.36*	
		For Oak Or Maple Treads, Add	*95.00*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	310.38	58.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.29*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.16*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.48*	
		For Oak Or Maple Treads, Add	*101.94*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	329.37	59.35
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.50*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.43*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.60*	
		For Oak Or Maple Treads, Add	*110.07*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	340.52	60.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.71*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.71*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.71*	
		For Oak Or Maple Treads, Add	*114.67*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	352.60	61.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.14*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.27*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.95*	
		For Oak Or Maple Treads, Add	*119.26*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	363.76	61.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.36*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.55*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.06*	
		For Oak Or Maple Treads, Add	*123.86*	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	374.92	62.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.57*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.84*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.18*	
		For Oak Or Maple Treads, Add	*128.46*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	386.04	63.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.78*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*71.11*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.30*	
		For Oak Or Maple Treads, Add	*133.06*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	398.95	65.23
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.43*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*71.95*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.65*	
		For Oak Or Maple Treads, Add	*137.60*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	16.36	4.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.14*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	17.77	4.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.14*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	22.51	4.66
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	23.69	4.66
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	27.95	4.66
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	41.09	4.66

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	72.25	6.46
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	90.17	9.43
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	110.81	10.93
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	132.99	11.42
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	299.52	12.91
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	348.20	13.91
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	419.54	14.90
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	501.30	15.90
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	83.39	6.46
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	99.11	9.43
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	123.15	10.93
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	146.18	11.42
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	326.32	12.91
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	444.36	13.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	479.11	14.90
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	539.59	15.90
06 44 39 00-0019		**Pine Colonial Columns, Round Non Tapered With Cap And Base** *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	87.22	6.46
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	107.19	9.43
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	132.93	10.93
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	160.65	11.42
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	368.91	12.91
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	429.47	13.91
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	518.38	14.90
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	620.35	15.90
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	101.18	6.46
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	119.40	9.43
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	148.93	10.93
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	177.58	11.42
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	402.48	12.91
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	550.00	13.91
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	593.05	14.90
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	668.38	15.90
06 44 39 00-0036		**Pine Classical Columns, Round Tapered With Cap And Base** *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	77.54	6.46
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	96.55	9.43
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	118.82	10.93
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	142.92	11.42
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	89.69	6.46
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	106.28	9.43
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	132.27	10.93
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	157.29	11.42
06 44 39 00-0045		**Redwood Colonial Columns, Round Tapered With Cap And Base** *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	122.11	6.46
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	146.34	9.43
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	182.71	10.93
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	224.04	11.42
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	140.83	6.46
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	166.33	9.43
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	206.12	10.93
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	254.68	11.42
06 44 39 00-0054		**Ornamental Or Decorative Cap And Bases, Resin** *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	384.23	13.41
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	582.93	14.90
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	813.40	17.39
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,039.61	19.87
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	341.68	13.41
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	476.56	14.90
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	592.15	17.39
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	775.82	19.87
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	359.70	13.91
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	476.56	14.90
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	592.15	17.39
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	754.55	19.87
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	363.95	13.91
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	519.11	14.90
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	613.42	17.39
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	843.90	19.87
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	363.95	13.91
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	565.91	14.90
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	749.58	17.39
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	928.99	19.87
06 44 39 00-0075		**Ornamental Or Decorative Cap And Bases, Plaster** *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	779.92	13.41
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	876.50	14.90
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,115.48	17.39
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,226.82	19.87
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	516.13	13.41
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	599.95	14.90
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	741.07	17.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	933.25	19.87
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	495.85	13.91
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	651.00	14.90
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	787.87	17.39
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	933.25	19.87
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	589.46	13.91
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	782.90	14.90
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	881.47	17.39
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,120.45	19.87
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	495.85	13.91
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	642.49	14.90
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	838.93	17.39
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,073.65	19.87
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	559.67	13.91
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	685.04	14.90
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	834.67	17.39
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	933.25	19.87

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	4.62	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	4.67	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	6.05	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	

06 46 19 Wood Base and Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	4.67	1.77
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	5.07	1.77
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	6.26	1.12
		For Clear Birch, Add	*0.81*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.51*	
		For Stain Grade Material (No Finger Joints), Add	*0.46*	
		For Clear Poplar, Add	*0.51*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.58	1.40
		For Clear Birch, Add	*0.93*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.78*	
		For Stain Grade Material (No Finger Joints), Add	*0.53*	
		For Clear Poplar, Add	*0.58*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	9.63	1.58
		For Clear Birch, Add	*1.44*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.54*	
		For Stain Grade Material (No Finger Joints), Add	*0.81*	
		For Clear Poplar, Add	*0.90*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	6.09	1.77
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	5.86	1.77
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	5.35	1.77

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	7.88	1.67
		For Birch, Add	*1.33*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.24*	
		For Poplar, Add	*0.83*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	9.99	1.67
		For Birch, Add	*2.00*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.19*	
		For Poplar, Add	*1.25*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	5.83	1.67
		For Birch, Add	*0.97*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.65*	
		For Poplar, Add	*0.61*	

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	5.62	1.67
		For Birch, Add	*0.68*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.22*	
		For Poplar, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	7.30	1.77
		For Birch, Add	*1.23*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.93*	
		For Poplar, Add	*1.54*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	10.57	1.86
		For Birch, Add	*2.35*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.34*	
		For Poplar, Add	*2.93*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	12.33	1.86
		For Birch, Add	*2.92*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.07*	
		For Poplar, Add	*3.65*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	14.37	1.96
		For Birch, Add	*3.58*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.92*	
		For Poplar, Add	*4.47*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	18.80	2.15
		For Birch, Add	*5.09*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*6.83*	
		For Poplar, Add	*6.36*	

06 46 29 Wood Fasciae and Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.13	1.86
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.01	2.07
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.66	2.17
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	8.10	2.43
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.02	1.86
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	5.86	2.07
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	6.87	2.17
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	8.74	2.43
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	6.10	1.86
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	7.26	2.07
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	8.31	2.17
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	10.85	2.43

06 46 29 00-0015 Cedar Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	5.80	1.86
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	7.05	2.07
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	8.67	2.17
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	10.93	2.43

06 46 29 00-0020 Engineered Wood Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	4.74	1.86
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	5.49	2.07
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	6.89	2.43

06 46 29 00-0024 Soffit *(06 46 29)*

06 46 29 00-0025 Sanded Plywood Soffit *(06 46 29 00-0024)*

06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	4.90	1.41
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	5.53	1.49
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	5.80	1.55
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	6.63	1.63

06 46 29 00-0030 MDO Plywood Soffit *(06 46 29 00-0024)*

06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	5.85	1.41
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	6.74	1.49
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	8.98	1.63

06 46 29 00-0034 Exterior Ceiling Gypsum Board Soffit *(06 46 29 00-0024)*

06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.04	1.23
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.28	1.29

06 46 36 Custom Wood Molding *(06 46)*

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001 Ash *(06 46 36)*

06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	7.53	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	9.77	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash	12.01	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash	14.24	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash	16.57	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash	18.90	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash	21.13	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash	23.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash	25.56	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash	27.92	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash	30.20	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash	9.10	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash	12.04	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash	14.99	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash	17.92	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash	21.02	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash	24.07	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash	26.99	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash	29.95	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash	32.90	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash	35.96	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash	38.95	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	11.07	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	14.97	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	18.88	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	22.77	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	26.78	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	30.79	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	34.68	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	38.61	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	42.46	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	46.50	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	50.44	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	13.89	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	19.17	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	24.44	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	29.70	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	34.99	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	40.46	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	45.81	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	51.02	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	56.23	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	62.14	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	66.94	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0046		Basswood *(06 46 36)*			
06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood		6.12	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.75*	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood		7.64	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.78*	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood		9.17	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.81*	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood		10.69	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.83*	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood		12.32	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.88*	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood		13.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.92*	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood		15.46	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.95*	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood		16.99	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.97*	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood		18.47	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.99*	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood		20.12	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.04*	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood		21.69	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.07*	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood		7.08	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.78*	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood		9.00	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.80*	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood		10.93	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.83*	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood		12.86	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.85*	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood		14.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.90*	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood		16.98	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.95*	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood		18.89	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.97*	
06 46 36 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood		20.83	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.99*	
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood		22.77	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.01*	
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood		24.82	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.06*	
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood		26.79	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.09*	
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood		9.95	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.80*	
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood		13.30	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.82*	
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood		16.65	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.85*	
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood		19.99	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.87*	
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood		23.44	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.92*	
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood		26.89	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.97*	
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood		30.22	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.99*	
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood		33.60	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.02*	
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood		36.89	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.03*	
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood		40.37	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.08*	
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood		43.75	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.12*	
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood		41.29	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.92*	
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood		50.79	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.96*	
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood		60.21	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.99*	
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood		69.81	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.05*	
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood		79.22	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.07*	
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood		88.82	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.11*	
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood		98.14	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	107.55	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	117.15	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0089		Birch *(06 46 36)*		
06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	6.62	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	8.40	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	10.19	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	11.96	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	13.84	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	15.71	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	17.48	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	19.27	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	21.01	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	22.91	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	24.73	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	7.84	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	10.12	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	12.45	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	14.78	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	17.22	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	19.61	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	21.93	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	24.28	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	26.57	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	28.97	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	31.35	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	9.24	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	12.23	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	15.23	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	18.22	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	21.31	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	24.41	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	27.39	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	30.40	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	33.34	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	36.47	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	39.50	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	11.46	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	15.52	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	19.57	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	23.62	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	27.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	31.95	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	35.99	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	40.08	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	44.08	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	48.77	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	52.35	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0134		Clear Western Cedar *(06 46 36)*		
06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	6.62	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	8.40	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	10.19	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	11.96	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	13.84	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	15.71	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	7.94	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	10.32	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	12.71	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	15.09	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	17.58	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	20.07	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	10.56	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	14.21	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	17.86	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	21.51	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	25.26	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	29.02	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	10.85	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	14.61	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	18.36	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	22.10	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	25.87	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	29.82	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	36.43	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	44.71	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	52.92	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	61.30	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	69.49	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	77.78	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	85.98	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	94.18	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	102.56	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0168		Cherry *(06 46 36)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	8.24	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	10.84	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	13.43	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	16.01	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	18.70	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	21.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	23.97	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	26.57	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	29.11	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	31.82	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	34.45	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	9.96	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	13.36	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	16.76	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	20.15	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	23.65	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	27.16	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	30.54	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	34.00	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry	37.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry	40.83	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry	44.27	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	11.83	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	16.13	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	20.40	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	24.70	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	29.06	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	33.48	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	37.72	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	42.05	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	46.26	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	50.70	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	55.00	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	15.31	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	21.30	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	27.27	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	33.25	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	39.24	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	45.42	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	51.38	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	57.40	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	63.33	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	69.53	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	75.45	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

06 46 36 00-0213 Cypress *(06 46 36)*

06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress	6.12	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress	7.64	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress	9.17	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress	10.69	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress	12.32	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress	13.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress	15.86	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress	17.45	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress	20.50	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress	22.35	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress	8.34	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress	10.88	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress	13.47	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress	16.05	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress	18.74	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress	21.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress	23.95	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress	26.56	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress	29.10	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress	31.86	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress	34.39	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	9.84	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	13.09	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	16.33	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	19.57	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	22.83	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	26.27	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	29.50	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	32.78	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	39.01	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	42.59	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	

06 46 36 00-0245 Fir *(06 46 36)*

06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir	6.93	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir	8.86	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir	10.79	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir	12.72	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir	14.75	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir	16.77	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir	18.70	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir	20.64	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir	22.52	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir	24.58	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir	8.34	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir	10.88	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir	13.47	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir	16.05	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir	18.74	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir	21.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir	23.95	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir	26.56	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir	29.10	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir	31.86	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir	34.39	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir	9.40	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir	12.48	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir	15.53	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	18.62	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	21.77	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	24.97	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	27.99	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	31.11	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	34.10	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	37.33	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	40.41	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	10.85	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	14.61	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	18.36	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	22.10	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	25.87	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	29.82	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	33.56	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	37.34	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	41.04	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	44.92	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	48.70	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	18.32	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	25.70	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	33.10	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	40.57	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	47.95	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	55.53	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	62.92	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	70.50	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	77.78	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	85.17	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	41.39	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	50.79	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	60.21	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	69.81	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	79.22	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	88.72	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	98.14	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	107.55	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	

06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	8.85	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	11.75	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	14.64	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	17.53	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	20.53	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	23.51	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	26.40	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	29.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	32.15	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	35.16	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	38.10	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	10.88	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	14.67	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	18.53	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	22.38	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	26.34	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	30.25	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	34.08	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	37.95	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	41.76	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	45.69	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	50.09	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	12.44	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	17.04	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	21.61	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	26.22	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	30.89	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	35.60	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	40.15	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	44.79	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	48.28	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	54.04	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	58.64	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	15.51	1.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	21.60	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	27.68	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	33.75	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	39.85	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	46.13	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	52.20	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	58.31	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	64.34	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	70.55	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	76.76	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	18.58	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	26.17	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	33.70	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	41.38	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	48.93	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	56.69	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	64.24	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	71.93	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	79.46	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	87.06	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	94.78	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	22.98	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	31.17	1.12
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	40.39	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	49.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	58.89	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	68.29	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	77.51	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	86.81	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	96.01	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	105.23	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	114.63	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	55.07	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	68.01	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	80.88	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	93.92	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	106.77	1.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	119.72	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	132.58	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	145.44	1.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	158.48	1.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	

06 46 36 00-0383 Maple *(06 46 36)*

06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	6.52	1.03
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	8.25	1.03
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	9.98	1.03
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	11.70	1.12
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	13.54	1.12
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	15.36	1.21
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	17.08	1.21
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	18.82	1.21
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	20.50	1.30
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	22.35	1.40
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	24.12	1.40
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	7.84	1.03
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	10.12	1.03
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	12.45	1.12
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	14.78	1.12
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	17.22	1.21
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	19.61	1.21
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	21.93	1.21
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	24.28	1.30
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	26.57	1.30
06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple	27.96	1.40
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple	31.35	1.40
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple	8.94	1.03
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple	11.78	1.03
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple	14.62	1.12
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple	17.46	1.12
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple	20.40	1.21
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple	23.35	1.21
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple	26.17	1.30
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple	29.04	1.30
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple	31.82	1.30
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple	34.80	1.40
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple	37.67	1.49
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple	11.26	1.03
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple	15.22	1.12
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple	19.17	1.12
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple	23.12	1.21
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple	27.09	1.21
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple	31.24	1.30
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple	35.18	1.30
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple	39.67	1.40
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple	43.07	1.40
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple	47.25	1.49
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple	51.13	1.49
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple	15.04	1.12
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple	20.85	1.12
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple	26.61	1.12
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple	32.52	1.21
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple	38.29	1.21
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple	44.28	1.30
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple	50.06	1.30
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple	55.97	1.40
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple	61.73	1.40
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple	67.56	1.49
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple	74.02	1.58
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple	59.12	1.21
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple	73.08	1.21
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple	86.95	1.30
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple	101.01	1.40
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple	114.88	1.40
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple	128.84	1.49
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple	142.71	1.49
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple	156.58	1.49
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple	170.64	1.58

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0448		Appl Soft Maple *(06 46 36)*		
06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	6.62	1.03
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	8.40	1.03
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	10.19	1.03
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	11.96	1.12
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	13.84	1.12
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	15.71	1.21
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	17.48	1.21
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	19.27	1.21
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	21.01	1.30
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	22.91	1.40
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	24.73	1.40
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	7.58	1.03
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	9.76	1.03
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	11.95	1.12
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	14.07	1.12
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	16.46	1.21
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	18.75	1.21
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	20.92	1.21
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	23.11	1.30
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	25.30	1.30
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	27.61	1.40
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	29.83	1.40
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	8.48	1.03
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	11.12	1.03
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	13.71	1.12
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	16.34	1.12
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	19.03	1.21
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	21.78	1.21
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	24.35	1.30
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	27.01	1.30
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	29.54	1.30
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	32.32	1.40
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	34.94	1.49
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	10.25	1.03
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	13.70	1.12
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	17.14	1.12
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	20.59	1.21
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	24.05	1.21
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	27.69	1.30
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	31.12	1.30
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	34.61	1.40
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	38.00	1.40
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	41.57	1.49
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	45.06	1.49
06 46 36 00-0493		Red Oak *(06 46 36)*		
06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak	7.13	1.03
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	9.16	1.03
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	11.20	1.03
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	13.22	1.12
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	15.36	1.12
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	17.48	1.21
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	19.51	1.21
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	21.55	1.21
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	23.54	1.30
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	25.69	1.40
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	27.77	1.40
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	8.70	1.03
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	11.48	1.03
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	14.23	1.12
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	18.02	1.12
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	19.86	1.21
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	22.75	1.21
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	25.47	1.21
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	28.23	1.30
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	30.97	1.30
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	33.89	1.40
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	36.67	1.40
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	10.92	1.03
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	14.76	1.03
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	18.57	1.12
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	22.42	1.12
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	26.33	1.21
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	30.29	1.21
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	34.07	1.30
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	37.95	1.30
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	41.70	1.30
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	45.69	1.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	49.52	1.49
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	15.51	1.03
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	21.60	1.12
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	27.68	1.12
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	33.75	1.12
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	39.85	1.21
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	46.23	1.30
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	52.20	1.30
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	59.33	1.40
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	64.34	1.40
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	70.55	1.40
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	76.66	1.49
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	24.15	1.12
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	34.53	1.12
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	44.85	1.12
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	55.31	1.21
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	65.64	1.21
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	76.19	1.30
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	86.53	1.30
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	97.00	1.40
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	107.32	1.40
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	117.70	1.49
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	128.21	1.58
06 46 36 00-0549		**White Oak** *(06 46 36)*		
06 46 36 00-0550	LF	3/4" x 1-1/2" Custom Shaped White Oak	7.23	1.03
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	9.32	1.03
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	11.40	1.03
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	13.48	1.12
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	15.66	1.12
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	17.84	1.21
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	19.91	1.21
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	22.01	1.21
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	24.04	1.30
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	26.25	1.40
06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	28.37	1.40
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	8.70	1.03
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	11.48	1.03
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	14.23	1.12
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	18.02	1.12
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	19.86	1.21
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	22.75	1.21
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	25.47	1.21
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	28.23	1.30
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	30.97	1.30
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	33.89	1.40
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	36.67	1.40
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	11.07	1.03
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	14.97	1.03
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	18.88	1.12
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	22.77	1.12
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	26.78	1.21
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	30.79	1.21
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	34.68	1.30
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	38.61	1.30
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	42.46	1.30
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	46.50	1.40
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	50.44	1.49
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	18.55	1.03
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	26.16	1.12
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	33.76	1.12
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	41.35	1.21
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	48.97	1.21
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	56.77	1.30
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	64.35	1.30
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	71.99	1.40
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	78.52	1.40
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	87.26	1.49
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	94.90	1.49
06 46 36 00-0594		**White Pine** *(06 46 36)*		
06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	8.14	1.03
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	10.68	1.03
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	13.23	1.03
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	15.76	1.12
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	18.40	1.12
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	21.03	1.21
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	23.56	1.21
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	26.11	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	30.12	1.30
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	32.94	1.40
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	9.20	1.03
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	12.24	1.03
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	15.24	1.12
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	18.28	1.12
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	21.37	1.21
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	24.52	1.21
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	27.50	1.21
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	30.56	1.30
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	33.50	1.30
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	36.67	1.40
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	39.71	1.40
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	10.46	1.03
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	14.05	1.03
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	17.76	1.12
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	21.25	1.12
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	24.96	1.21
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	28.66	1.21
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	32.25	1.30
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	35.87	1.30
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	39.42	1.30
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	43.15	1.40
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	46.79	1.49
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	13.29	1.03
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	18.26	1.12
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	23.22	1.12
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	28.18	1.21
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	33.17	1.21
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	38.33	1.30
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	43.28	1.30
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	48.28	1.40
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	54.21	1.40
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	58.29	1.49
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	63.29	1.49
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	20.86	1.12
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	29.56	1.12
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	38.26	1.12
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	47.05	1.21
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	55.76	1.21
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	64.65	1.30
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	73.36	1.30
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	82.16	1.40
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	90.86	1.40
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	99.57	1.49
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	108.46	1.58
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	25.00	1.12
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	35.73	1.12
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	46.47	1.21
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	57.28	1.21
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	68.01	1.21
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	78.93	1.30
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	89.66	1.40
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	100.48	1.40
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	111.21	1.49
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	121.95	1.49
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	132.86	1.58
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	64.79	1.21
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	80.17	1.21
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	95.46	1.30
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	110.94	1.40
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	126.22	1.40
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	141.60	1.49
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	156.90	1.49
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	172.18	1.49
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	187.66	1.58
06 46 36 00-0669		Clear Yellow Pine *(06 46 36)*		
06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	5.31	1.03
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	6.43	1.03
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	7.55	1.03
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	8.67	1.12
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	9.89	1.12
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	11.10	1.21
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	12.21	1.21
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	13.35	1.21
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	6.17	1.03
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	7.68	1.03
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	9.16	1.12
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	10.68	1.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	12.26	1.21
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	13.89	1.21
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	15.85	1.21
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	17.44	1.30
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	7.21	1.03
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	9.14	1.12
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	11.06	1.12
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	12.99	1.21
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	14.93	1.21
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	17.05	1.30
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	18.97	1.30
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	20.93	1.40
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	24.32	1.40
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	25.06	1.49
06 46 36 00-0696		**Poplar** *(06 46 36)*		
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	5.61	1.03
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	6.89	1.03
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	8.16	1.03
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	9.42	1.12
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	10.80	1.12
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	12.16	1.21
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	13.43	1.21
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	14.71	1.21
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	15.94	1.30
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	17.33	1.40
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	18.75	1.40
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	6.57	1.03
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	8.24	1.03
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	9.92	1.12
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	11.59	1.12
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	13.42	1.21
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	15.20	1.21
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	16.86	1.21
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	18.55	1.30
06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	20.23	1.30
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	22.03	1.40
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	23.75	1.40
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	7.42	1.03
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	9.50	1.03
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	11.58	1.12
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	13.66	1.12
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	15.84	1.21
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	18.03	1.21
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	20.09	1.30
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	22.20	1.30
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	24.22	1.30
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	26.44	1.40
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	28.55	1.49
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	9.44	1.03
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	12.48	1.12
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	15.52	1.12
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	18.56	1.21
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	21.62	1.21
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	24.85	1.30
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	27.88	1.30
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	30.96	1.40
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	33.95	1.40
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	37.12	1.49
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	40.19	1.49
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	12.50	1.12
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	17.05	1.12
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	21.55	1.12
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	26.19	1.21
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	30.69	1.21
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	35.42	1.30
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	39.93	1.30
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	44.57	1.40
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	49.07	1.40
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	53.63	1.49
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	58.31	1.58
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	15.58	1.12
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	21.60	1.12
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	27.62	1.21
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	33.73	1.21
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	39.75	1.21
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	45.95	1.30
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	51.98	1.40
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	58.09	1.40
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	64.10	1.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	70.13	1.49
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	76.34	1.58
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	38.05	1.21
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	46.74	1.21
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	55.35	1.30
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	64.24	1.40
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	72.74	1.40
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	81.43	1.49
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	90.03	1.49
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	98.63	1.49
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	107.42	1.58
06 46 36 00-0772		Clear Heart Redwood *(06 46 36)*		
06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	7.03	1.03
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	9.01	1.03
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	11.00	1.03
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	12.97	1.12
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	15.05	1.12
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	17.13	1.21
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	21.13	1.21
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	23.38	1.21
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	23.49	1.30
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	25.14	1.40
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	8.60	1.03
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	11.28	1.03
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	13.97	1.12
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	16.66	1.12
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	19.50	1.21
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	22.29	1.21
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	28.51	1.21
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	31.67	1.30
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	34.77	1.30
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	38.04	1.40
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	11.46	1.03
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	15.52	1.12
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	19.57	1.12
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	23.62	1.21
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	27.69	1.21
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	32.05	1.30
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	43.28	1.30
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	48.28	1.40
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	57.25	1.40
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	62.75	1.49
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	60.74	1.21
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	75.10	1.21
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	89.38	1.30
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	103.85	1.40
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	118.12	1.40
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	132.48	1.49
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	146.76	1.49
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	161.04	1.49
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	175.50	1.58
06 46 36 00-0812		Teak *(06 46 36)*		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	20.60	1.03
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	29.37	1.03
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	38.15	1.03
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	46.91	1.12
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	55.78	1.12
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	64.64	1.21
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	73.40	1.21
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	82.18	1.21
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	90.90	1.30
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	99.80	1.40
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	108.61	1.40
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	48.34	1.03
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	55.64	1.12
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	73.06	1.12
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	90.48	1.21
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	107.93	1.21
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	125.04	1.30
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	142.96	1.30
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	160.43	1.40
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	177.80	1.40
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	195.35	1.49
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	212.81	1.49
06 46 36 00-0835		Walnut *(06 46 36)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	10.98	1.03
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	14.94	1.03
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	18.90	1.03
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	22.85	1.12
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	26.91	1.12
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	30.96	1.21
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	34.91	1.21
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	38.88	1.21
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	42.79	1.30
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	46.86	1.40
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	50.86	1.40
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	13.26	1.03
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	18.32	1.03
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	23.34	1.12
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	28.41	1.12
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	33.53	1.21
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	38.71	1.21
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	43.71	1.21
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	48.79	1.30
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	53.77	1.30
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	58.96	1.40
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	64.02	1.40
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	16.39	1.03
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	22.97	1.03
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	29.51	1.12
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	36.10	1.12
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	42.74	1.21
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	49.43	1.21
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	55.95	1.30
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	62.57	1.30
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	69.05	1.30
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	75.77	1.40
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	82.35	1.49
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	22.40	1.03
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	31.93	1.12
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	41.45	1.12
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	50.98	1.21
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	60.52	1.21
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	70.24	1.30
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	79.75	1.30
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	89.31	1.40
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	99.80	1.40
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	108.43	1.49
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	117.99	1.49
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	38.08	1.12
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	55.39	1.12
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	72.71	1.12
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	90.11	1.21
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	107.43	1.21
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	124.92	1.30
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	142.24	1.30
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	159.65	1.40
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	176.97	1.40
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	194.29	1.49
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	211.79	1.58
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	47.80	1.12
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	69.92	1.12
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	92.05	1.21
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	114.27	1.21
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	136.39	1.21
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	158.70	1.30
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	180.84	1.40
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	203.05	1.40
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	225.17	1.49
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	247.31	1.49
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	269.62	1.58

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	438.23	52.93
		For Birch, Add	*116.37*	
		For Mahogany, Add	*282.61*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	461.73	55.46
		For Birch, Add	*122.96*	
		For Mahogany, Add	*298.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	485.22	57.63
		For Birch, Add	*129.53*	
		For Mahogany, Add	*314.57*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	531.02	61.66
		For Birch, Add	*142.67*	
		For Mahogany, Add	*346.49*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	577.43	66.08
		For Birch, Add	*155.83*	
		For Mahogany, Add	*378.45*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	716.91	53.11
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	726.68	55.46
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	736.42	57.81
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	754.08	61.57
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	773.74	66.27
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	534.00	53.11
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	560.28	55.46
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	586.64	57.81
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	637.31	61.57
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	689.89	66.27

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	222.44	25.19
		For Oak Or Maple, Add	*53.34*	
		For Birch, Add	*60.23*	
		For Mahogany, Add	*146.27*	
		For Walnut Frame, Add	*77.44*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	224.13	25.29
		For Oak Or Maple, Add	*53.79*	
		For Birch, Add	*60.74*	
		For Mahogany, Add	*147.50*	
		For Walnut Frame, Add	*78.09*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	226.42	25.76
		For Oak Or Maple, Add	*54.20*	
		For Birch, Add	*61.19*	
		For Mahogany, Add	*148.61*	
		For Walnut Frame, Add	*78.68*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	229.44	26.42
		For Oak Or Maple, Add	*54.73*	
		For Birch, Add	*61.80*	
		For Mahogany, Add	*150.08*	
		For Walnut Frame, Add	*79.45*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	234.53	27.07
		For Oak Or Maple, Add	*55.89*	
		For Birch, Add	*63.11*	
		For Mahogany, Add	*153.26*	
		For Walnut Frame, Add	*81.14*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	247.40	28.76
		For Oak Or Maple, Add	*58.85*	
		For Birch, Add	*66.44*	
		For Mahogany, Add	*161.36*	
		For Walnut Frame, Add	*85.42*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	261.68	31.12
		For Oak Or Maple, Add	*61.81*	
		For Birch, Add	*69.79*	
		For Mahogany, Add	*169.49*	
		For Walnut Frame, Add	*89.73*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	275.02	33.09
		For Oak Or Maple, Add	*64.77*	
		For Birch, Add	*73.13*	
		For Mahogany, Add	*177.59*	
		For Walnut Frame, Add	*94.02*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.66	2.25
		For Oak Or Maple, Add	*0.98*	
		For Birch, Add	*1.10*	
		For Mahogany, Add	*2.68*	
		For Walnut Frame, Add	*1.42*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	10.40	1.51
		For Reinforced Structural Plastic Lumber, Add	*3.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.74*	
		For White Color, Add	*3.50*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.97*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	13.30	1.64
		For Reinforced Structural Plastic Lumber, Add	*4.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.99*	
		For White Color, Add	*4.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.94*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	15.94	1.77
		For Reinforced Structural Plastic Lumber, Add	*4.96*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.82*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	23.34	2.11
		For Reinforced Structural Plastic Lumber, Add	*7.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.83*	
		For White Color, Add	*8.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.32*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	27.95	2.36
		For Reinforced Structural Plastic Lumber, Add	*9.09*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.21*	
		For White Color, Add	*10.44*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.85*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	15.00	2.04
		For Reinforced Structural Plastic Lumber, Add	*4.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.09*	
		For White Color, Add	*5.14*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.35*	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	20.27	2.17
		For Reinforced Structural Plastic Lumber, Add	*6.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.18*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	21.11	2.24
		For Reinforced Structural Plastic Lumber, Add	*6.63*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.61*	
		For White Color, Add	*7.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.45*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	29.18	2.44
		For Reinforced Structural Plastic Lumber, Add	*9.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.31*	
		For White Color, Add	*10.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.25*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	39.89	2.57
		For Reinforced Structural Plastic Lumber, Add	*13.40*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.26*	
		For White Color, Add	*15.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.04*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	6.77	0.85
		For Reinforced Structural Plastic Lumber, Add	*2.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.50*	
		For White Color, Add	*2.36*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.00*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	9.46	0.90
		For Reinforced Structural Plastic Lumber, Add	*3.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.74*	
		For White Color, Add	*3.50*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.97*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	12.36	0.99
		For Reinforced Structural Plastic Lumber, Add	*4.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.99*	
		For White Color, Add	*4.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	15.09	1.18
		For Reinforced Structural Plastic Lumber, Add	*4.96*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.82*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	22.31	1.39
		For Reinforced Structural Plastic Lumber, Add	*7.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.83*	
		For White Color, Add	*8.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.32*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	27.11	1.77
		For Reinforced Structural Plastic Lumber, Add	*9.09*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.21*	
		For White Color, Add	*10.44*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.85*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	13.87	1.25
		For Reinforced Structural Plastic Lumber, Add	*4.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.09*	
		For White Color, Add	*5.14*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.35*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	19.05	1.31
		For Reinforced Structural Plastic Lumber, Add	*6.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.18*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	19.98	1.45
		For Reinforced Structural Plastic Lumber, Add	*6.63*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.61*	
		For White Color, Add	*7.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.45*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	28.04	1.64
		For Reinforced Structural Plastic Lumber, Add	*9.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.31*	
		For White Color, Add	*10.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.25*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	38.76	1.77
		For Reinforced Structural Plastic Lumber, Add	*13.40*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.26*	
		For White Color, Add	*15.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.04*	
06 51 13 00-0024		Columns, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	15.94	2.70
		For Reinforced Structural Plastic Lumber, Add	*4.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.09*	
		For White Color, Add	*5.14*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.35*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	22.62	3.81
		For Reinforced Structural Plastic Lumber, Add	*6.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.18*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	24.03	4.28
		For Reinforced Structural Plastic Lumber, Add	*6.63*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.61*	
		For White Color, Add	*7.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.45*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	32.65	4.87
		For Reinforced Structural Plastic Lumber, Add	*9.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.31*	
		For White Color, Add	*10.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.25*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	44.77	5.99
		For Reinforced Structural Plastic Lumber, Add	*13.40*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.26*	
		For White Color, Add	*15.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.04*	
06 51 13 00-0030		Walls, Recycled Plastic Lumber *(06 51 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	6.07	0.85
		For Reinforced Structural Plastic Lumber, Add	*1.79*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.44*	
		For White Color, Add	*2.06*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.75*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	6.97	0.99
		For Reinforced Structural Plastic Lumber, Add	*2.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.50*	
		For White Color, Add	*2.36*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.00*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	9.74	1.05
		For Reinforced Structural Plastic Lumber, Add	*3.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.74*	
		For White Color, Add	*3.50*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.97*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	12.54	1.12
		For Reinforced Structural Plastic Lumber, Add	*4.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.99*	
		For White Color, Add	*4.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.94*	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	5.93	0.75
		For Reinforced Structural Plastic Lumber, Add	*1.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.43*	
		For White Color, Add	*2.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.72*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	7.56	0.85
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.57*	
		For White Color, Add	*2.69*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.28*	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	9.93	0.85
		For Reinforced Structural Plastic Lumber, Add	*3.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.78*	
		For White Color, Add	*3.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.14*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	5.97	0.75
		For Reinforced Structural Plastic Lumber, Add	*1.78*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.43*	
		For White Color, Add	*2.05*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.74*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	6.60	0.85
		For Reinforced Structural Plastic Lumber, Add	*1.99*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.48*	
		For White Color, Add	*2.29*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.94*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	6.72	0.85
		For Reinforced Structural Plastic Lumber, Add	*2.04*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.50*	
		For White Color, Add	*2.34*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.98*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	4.11	0.72
		For Reinforced Structural Plastic Lumber, Add	*1.14*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.28*	
		For White Color, Add	*1.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.11*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	6.07	0.85
		For Reinforced Structural Plastic Lumber, Add	*1.79*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.44*	
		For White Color, Add	*2.06*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.75*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	6.97	0.99
		For Reinforced Structural Plastic Lumber, Add	*2.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.50*	
		For White Color, Add	*2.36*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	9.74	1.05
		For Reinforced Structural Plastic Lumber, Add	*3.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.74*	
		For White Color, Add	*3.50*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.97*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	12.54	1.12
		For Reinforced Structural Plastic Lumber, Add	*4.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.99*	
		For White Color, Add	*4.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.94*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	15.09	1.18
		For Reinforced Structural Plastic Lumber, Add	*4.96*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.82*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	18.26	1.25
		For Reinforced Structural Plastic Lumber, Add	*6.10*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.48*	
		For White Color, Add	*7.01*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.94*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	10.01	1.15
		For Reinforced Structural Plastic Lumber, Add	*3.09*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.75*	
		For White Color, Add	*3.55*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.01*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	14.72	1.23
		For Reinforced Structural Plastic Lumber, Add	*4.80*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.17*	
		For White Color, Add	*5.51*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.67*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	19.22	1.31
		For Reinforced Structural Plastic Lumber, Add	*6.42*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.56*	
		For White Color, Add	*7.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.25*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	22.31	1.39
		For Reinforced Structural Plastic Lumber, Add	*7.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.83*	
		For White Color, Add	*8.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.32*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	27.11	1.77
		For Reinforced Structural Plastic Lumber, Add	*9.09*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.21*	
		For White Color, Add	*10.44*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.85*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	13.87	1.25
		For Reinforced Structural Plastic Lumber, Add	*4.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.09*	
		For White Color, Add	*5.14*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.35*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	19.05	1.31
		For Reinforced Structural Plastic Lumber, Add	*6.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.18*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	25.66	1.43
		For Reinforced Structural Plastic Lumber, Add	*8.74*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.13*	
		For White Color, Add	*10.04*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.50*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	19.98	1.45
		For Reinforced Structural Plastic Lumber, Add	*6.63*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.61*	
		For White Color, Add	*7.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.45*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	28.04	1.64
		For Reinforced Structural Plastic Lumber, Add	*9.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.31*	
		For White Color, Add	*10.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	38.76	1.77
		For Reinforced Structural Plastic Lumber, Add	*13.40*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.26*	
		For White Color, Add	*15.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.04*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	54.79	1.98
		For Reinforced Structural Plastic Lumber, Add	*19.23*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.68*	
		For White Color, Add	*22.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*18.71*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	48.71	1.90
		For Reinforced Structural Plastic Lumber, Add	*17.02*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.14*	
		For White Color, Add	*19.55*	
		For All Other Colors (Except Black, Brown Or White), Add	*16.56*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	83.35	1.98
		For Reinforced Structural Plastic Lumber, Add	*29.80*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*7.25*	
		For White Color, Add	*34.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*28.99*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	115.71	2.07
		For Reinforced Structural Plastic Lumber, Add	*41.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*10.15*	
		For White Color, Add	*47.93*	
		For All Other Colors (Except Black, Brown Or White), Add	*40.60*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	4.41	0.66
		For Reinforced Structural Plastic Lumber, Add	*1.28*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.25*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	12.78	0.85
		For Reinforced Structural Plastic Lumber, Add	*4.28*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.04*	
		For White Color, Add	*4.91*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.16*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	14.10	0.99
		For Reinforced Structural Plastic Lumber, Add	*4.70*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.14*	
		For White Color, Add	*5.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.57*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	17.46	1.18
		For Reinforced Structural Plastic Lumber, Add	*5.83*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.42*	
		For White Color, Add	*6.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.68*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	38.78	1.39
		For Reinforced Structural Plastic Lumber, Add	*13.62*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.31*	
		For White Color, Add	*15.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.25*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.54	0.72
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	5.22	0.75
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	7.57	0.80
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	9.67	0.83

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	19.48	6.56
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	27.50	9.54
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	32.04	10.73
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	40.13	11.23
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	49.10	12.97
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	37.67	12.42
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	41.81	13.41
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	49.50	14.90
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	69.62	15.90
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	95.39	17.39

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	20.74	6.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	29.17	9.54
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	34.15	10.73
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	43.68	11.23
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	53.74	13.02
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	40.23	12.42
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	44.81	13.41
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	53.44	14.90
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	77.19	15.90
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	107.51	17.39
06 52 13 00-0023		Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*		
06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	165.36	14.90
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	220.95	17.39
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	283.40	19.87
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	197.10	14.90
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	237.25	17.39
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	346.89	19.87
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	248.58	14.90
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	301.59	17.39
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	400.08	19.87
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	167.94	14.90
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	226.10	17.39
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	288.55	19.87
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	167.94	14.90
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	202.07	17.39
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	267.10	19.87

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	37.28	2.54
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	50.46	3.05
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	81.56	3.36

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	7.31	1.86
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	8.79	2.33
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	6.33	1.96

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	6.40	1.86
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	8.71	1.96
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	13.27	2.05
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	15.67	2.15
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	18.48	2.24
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	24.65	2.33

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	14.47	1.86
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	19.70	2.33
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	20.74	2.33
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	21.77	2.33
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	28.89	2.79
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	35.29	2.79

06 65 00 00-0020 Dentil, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	11.73	1.86
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	13.69	1.86
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	18.10	1.86
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	25.71	1.86

06 65 00 00-0025 Cove, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.96	1.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	4.48	1.03
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	6.12	1.21
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	6.12	1.21
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	8.41	1.21
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	11.25	1.40
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	16.09	1.40
06 65 00 00-0033		Chair Rail, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	7.09	1.40
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	9.60	1.86
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	12.58	1.86
06 65 00 00-0037		Door, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	5.15	1.67
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.22	1.67
06 65 00 00-0040		Trim, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.00	1.96
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	6.08	1.96
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.62	1.86
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	7.98	1.86
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.31	1.86
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	8.96	1.86
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.05	1.86
06 65 00 00-0048		Extruded Polyvinyl Chloride (PVC) Trimboard *(06 65)* Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.73	0.75
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	7.00	0.84
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	9.27	0.93
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	11.29	0.95
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	13.53	0.98
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	5.93	0.75
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	8.86	0.84
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	11.35	0.93
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	14.13	0.95
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	16.70	0.98
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	13.48	0.95
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	18.12	0.98
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	9.34	0.84
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	13.63	0.93

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	39.87	1.83
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	38.73	1.83
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	50.55	1.83
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	54.74	2.34
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	41.85	1.83
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	40.66	1.83
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	53.39	1.83
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	57.42	2.34
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	37.79	1.46
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	61.22	1.61
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	83.89	1.77

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	36.67	1.83
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	34.35	1.83
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	44.20	1.83
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	47.70	2.34
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	38.29	1.83
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	35.26	1.83
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	48.04	2.34
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	50.35	2.34
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	33.31	1.46
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	47.16	1.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	64.78	1.77	
06 74 13 00-0026		Corvex Polyester Resin *(06 74 13 00-0001)*			
		Note: Dark gray.			
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	31.11	1.83	
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	29.88	1.83	
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	36.23	1.83	
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	41.65	2.34	
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	33.16	1.83	
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	31.91	1.83	
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	38.60	1.83	
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	43.68	2.34	
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	29.41	1.46	
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	46.95	1.61	
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	65.12	1.77	
06 74 13 00-0038		XFR Extra Fire Retardant *(06 74 13 00-0001)*			
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	45.79	1.83	
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	44.46	1.83	
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	60.87	1.83	
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	65.03	2.34	
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	47.79	1.83	
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	46.49	1.83	
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	63.24	1.83	
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	67.90	2.34	
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	43.28	1.46	
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	70.02	1.61	
06 74 13 00-0049		ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*			
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	46.96	1.83	
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	45.54	1.83	
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	59.23	1.83	
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	63.49	2.34	
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	48.81	1.83	
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	47.64	1.83	
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	61.52	1.83	
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	65.80	2.34	
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	48.38	1.46	
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	87.26	1.61	
06 74 13 00-0060		Pultruded Fiberglass Grating *(06 74 13)*			
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*			
		Note: For moderately corrosive environments, green.			
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*			
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	33.38	2.34	
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	29.62	1.83	
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	37.76	2.34	
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	34.91	1.83	
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	26.03	2.34	
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	23.05	1.83	
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	29.82	2.34	
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	26.92	1.83	
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*			
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	37.71	2.34	
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.05	1.83	
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	42.39	2.34	
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	39.77	1.83	
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	33.14	2.34	
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	30.24	1.83	
06 74 13 00-0078		2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*			
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	32.71	2.34	
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	36.21	2.34	
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	43.79	2.34	
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	41.31	2.34	
06 74 13 00-0083		VERF Vinyl Ester Resin System *(06 74 13 00-0060)*			
06 74 13 00-0084		1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*			
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	35.35	1.83	
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	31.60	1.83	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	39.77	1.83
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	45.67	1.83
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	27.11	1.83
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	24.22	1.83
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	31.14	1.83
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	28.56	1.83
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	38.82	1.83
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	35.12	1.83
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	44.40	1.83
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	41.45	1.83
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	34.88	1.83
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	32.12	1.83
06 74 13 00-0100		2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	34.37	2.34
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	31.69	2.34
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	46.11	2.34
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	44.78	2.34

06 80 Composite Fabrications *(06)*

06 82 Composite Trim *(06 80)*

06 82 00 00-0001 Fiberglass Castings *(06 82)*

06 82 00 00-0002 Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	8.68	3.05
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	9.10	3.05
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.18	3.66
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	17.85	3.66
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.96	3.66
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	19.17	3.66
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.80	3.66
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	23.40	3.66
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	55.90	4.58
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	64.28	4.58

06 82 00 00-0013 Fiberglass Channels *(06 82 00 00-0001)*

06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	10.04	4.58
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	10.46	4.58
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	20.86	5.18
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	20.86	5.18
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	32.62	5.18
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	37.91	5.18
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	30.64	5.18
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	37.08	5.18
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	46.69	7.12
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	53.51	7.12

06 82 00 00-0024 Fiberglass Wide Flange Beams *(06 82 00 00-0001)*

06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	28.55	6.10
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	31.19	6.10
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	36.50	7.32
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	37.76	7.32
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	58.77	9.15
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	73.65	9.15
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	130.17	11.19
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	146.45	11.19

06 82 00 00-0033 Fiberglass Flat Sheet *(06 82 00 00-0001)*

Note: Not to be used for bathroom board.

06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	23.60	5.18
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	24.64	5.18
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	37.00	6.10
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	42.53	6.10
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	50.16	7.32
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	58.46	7.32
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	67.60	9.15
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	80.31	9.15

06 82 00 00-0042 Fiberglass Bars *(06 82 00 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0043		**Square Bars** *(06 82 00 00-0042)*		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	14.06	3.66
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	20.12	5.39
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	23.59	7.12
06 82 00 00-0047		**Round Bars** *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	9.05	3.05
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	19.36	4.58
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	21.88	4.58
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	28.94	4.58
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	34.57	5.18
06 82 00 00-0053		**Fiberglass Tubes** *(06 82 00 00-0001)*		
06 82 00 00-0054		**Square Tube** *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	10.19	3.05
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	11.01	3.05
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	15.05	3.66
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	16.49	3.66
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	28.63	4.58
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	31.95	4.58
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	33.68	5.49
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	42.93	5.49
06 82 00 00-0063		**Round Tube** *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	9.76	3.05
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	10.13	3.05
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	18.25	3.66
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	19.47	3.66
06 82 00 00-0068		**Fiberglass Threaded Rods** *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.13	2.34
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.97	2.34
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.04	2.64
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	17.67	2.64
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	19.52	2.64
06 82 00 00-0074		**Grating Support Legs, VEFR Resin** *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	19.17	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.22	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	30.90	
06 82 00 00-0078		**Fiberglass Netting** *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.69	0.33
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.69	0.33
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.69	0.33
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.69	0.33
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.69	0.33
06 82 00 00-0089		**Fiberglass Stair Treads** *(06 82)*		
06 82 00 00-0090		**Fiberglass Stair Treads** *(06 82 00 00-0089)*		
06 82 00 00-0091		**10-1/2" Deep Isophthalic Resin System** *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	89.68	15.97
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	104.16	15.97
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	118.64	15.97
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	133.12	15.97
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	98.37	15.97
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	115.02	15.97
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	131.67	15.97
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	148.32	15.97
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	111.69	15.97
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	131.67	15.97
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	151.65	15.97
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	171.63	15.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	97.96	15.97
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	114.50	15.97
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	131.05	15.97
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	147.60	15.97
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	107.89	15.97
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	126.91	15.97
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	145.94	15.97
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	164.97	15.97
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	123.11	15.97
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	145.94	15.97
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	168.78	15.97
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	191.61	15.97
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	17.11	3.30

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001		Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)* Note: Includes adhesive and trim.		
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Note: Including Adhesive And Trim	4.09	1.65

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	33.81	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	59.67	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair	6.74	

07 01 50 81-0003 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching	408.82	
07 01 50 81-0005	EA	Granule Emergency Roof Patch Cover 16 SF	94.91	

07 01 50 81-0006 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0007 Mastic Sealer *(07 01 50 81-0006)*

07 01 50 81-0008 Applied At Joints Only *(07 01 50 81-0007)*

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint	4.05	1.74

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.15	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 30,000, Deduct	*-0.02*	
		For >30,000, Deduct	*-0.03*	

07 05 Common Work Results for Thermal and Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,230.41	
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	920.59	
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	615.20	
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	306.87	

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	161.08	
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	242.98	

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	280.99	
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	442.17	
07 11 13 00-0007		Asphaltic Paint Dampproofing *(07 11 13)*		
07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	127.63	
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing	236.82	
07 11 19		**Sheet Dampproofing** *(07 11)*		
07 11 19 00-0001		Neoprene *(07 11 19)*		
07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5 To 20 SF)	32.74	
07 13		Sheet Waterproofing *(07 10)*		
07 13 13		**Bituminous Sheet Waterproofing** *(07 13)*		
07 13 13 00-0001		15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*		
07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	288.65	99.97
		For 30 LB Felt, Add	*66.53*	
		For Application To Horizontal Surfaces, Deduct	*-29.99*	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	364.53	112.47
		For 30 LB Felt, Add	*104.70*	
		For Application To Horizontal Surfaces, Deduct	*-33.74*	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	440.40	124.96
		For 30 LB Felt, Add	*142.86*	
		For Application To Horizontal Surfaces, Deduct	*-37.49*	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	516.27	137.45
		For 30 LB Felt, Add	*181.02*	
		For Application To Horizontal Surfaces, Deduct	*-41.24*	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	592.15	149.95
		For 30 LB Felt, Add	*219.18*	
		For Application To Horizontal Surfaces, Deduct	*-44.99*	
07 13 13 00-0007		Asphalt Coated Protective Board *(07 13 13)*		
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	249.03	98.58
		For Application To Horizontal Surfaces, Deduct	*-32.88*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	340.33	102.37
		For Application To Horizontal Surfaces, Deduct	*-34.12*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	450.44	106.67
		For Application To Horizontal Surfaces, Deduct	*-35.55*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	505.86	110.97
		For Application To Horizontal Surfaces, Deduct	*-37.00*	
07 13 53		**Elastomeric Sheet Waterproofing** *(07 13)*		
07 13 53 00-0001		Rubberized Membrane Sheet *(07 13 53)*		
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	7.15	1.02
		For Floor Surfaces, Deduct	*-1.02*	
07 13 53 00-0003		Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*		
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	372.92	143.32
		For Application To Horizontal Surfaces, Deduct	*-42.99*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	412.76	143.32
		For Application To Horizontal Surfaces, Deduct	*-42.99*	
07 13 53 00-0006		Butyl Sheet Waterproofing *(07 13 53)*		
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	98.32	35.83
		For Joint Taping, Add	*13.17*	
		For Each Additional Ply, Add	*72.41*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	118.18	35.83
		For Joint Taping, Add	*14.17*	
		For Each Additional Ply, Add	*86.32*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	
07 13 53 00-0009		Butyl With Nylon *(07 13 53)*		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	109.67	35.83
		For Joint Taping, Add	*13.74*	
		For Each Additional Ply, Add	*80.36*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	122.44	35.83
		For Joint Taping, Add	*14.38*	
		For Each Additional Ply, Add	*89.30*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	175.00	35.83
		For Joint Taping, Add	*17.01*	
		For Each Additional Ply, Add	*126.09*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	259.54	35.83
		For Joint Taping, Add	*21.23*	
		For Each Additional Ply, Add	*185.27*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	183.82	35.83
		For Joint Taping, Add	*17.45*	
		For Each Additional Ply, Add	*132.26*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	273.64	35.83
		For Joint Taping, Add	*21.94*	
		For Each Additional Ply, Add	*195.14*	
		For Application To Horizontal Surfaces, Deduct	*-5.39*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	31.92	11.37
		For Joint Taping, Add	*7.38*	
		For Each Additional Ply, Add	*24.86*	
		For Application To Horizontal Surfaces, Deduct	*-3.77*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	32.90	11.37
		For Joint Taping, Add	*7.43*	
		For Each Additional Ply, Add	*25.55*	
		For Application To Horizontal Surfaces, Deduct	*-3.77*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	57.73	11.37
		For Joint Taping, Add	*8.67*	
		For Each Additional Ply, Add	*42.93*	
		For Application To Horizontal Surfaces, Deduct	*-3.77*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite Note: Includes seam tape, liquid mastic, anchors and termination bar.	96.96	11.37
		For Each Additional Ply, Add	*70.67*	
		For Application To Horizontal Surfaces, Deduct	*-4.19*	

07 13 53 00-0023 Plastic Vapor Barrier (PVC) *(07 13 53)*

07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	39.75	12.58
		For Joint Taping, Add	*7.77*	
		For Each Additional Ply, Add	*30.34*	
		For Application To Horizontal Surfaces, Deduct	*-3.77*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	51.31	13.04
		For Joint Taping, Add	*8.57*	
		For Each Additional Ply, Add	*38.53*	
		For Application To Horizontal Surfaces, Deduct	*-3.92*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	66.81	13.51
		For Joint Taping, Add	*9.56*	
		For Each Additional Ply, Add	*49.47*	
		For Application To Horizontal Surfaces, Deduct	*-4.05*	

07 13 53 00-0027 Vinyl Plastic Vapor Barrier *(07 13 53)*

07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	36.67	11.65

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.22	
		For Application To Horizontal Surfaces, Deduct	*-0.19*	
		For Reinforcing Fabric, Add	*0.50*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.62	
		For Application To Horizontal Surfaces, Deduct	*-0.20*	
		For Reinforcing Fabric, Add	*0.50*	

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	3.59	
		For Application To Horizontal Surfaces, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.09	
		For Application To Horizontal Surfaces, Deduct	*-0.45*	
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.63	
		For Application To Horizontal Surfaces, Deduct	*-0.48*	
07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*		
07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer	2.43	
07 14 16 00-0007		Copolymer Compound *(07 14 16)*		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs	3.88	
07 14 16 00-0009		Fluid Applied Neoprene *(07 14 16)*		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene	465.81	
		For Application To Horizontal Surfaces, Deduct	*-52.21*	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene	911.57	
		For Application To Horizontal Surfaces, Deduct	*-102.42*	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene	1,481.20	
		For Application To Horizontal Surfaces, Deduct	*-153.56*	

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	4.37	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	5.82	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment. Metal Oxide Waterproofing (Euclid Iron Waterpeller)	457.34	
		For Application To Horizontal Surfaces, Deduct	*-57.00*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	435.01	117.63
		For Application To Horizontal Surfaces, Deduct	*-35.30*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	394.21	124.28
		For Application To Horizontal Surfaces, Deduct	*-38.20*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	550.80	129.60
		For Application To Horizontal Surfaces, Deduct	*-38.87*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	443.73	107.79
		For Application To Horizontal Surfaces, Deduct	*-32.33*	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.27
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	2.70
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	2.96

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001		Silane Concrete Sealer *(07 19 16)*	
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.67
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.99
07 19 16 00-0004		Silane/Siloxane Concrete Sealer *(07 19 16)*	
07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.79	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.46	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.69	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	2.73		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	3.67		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.31		0.33
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.55		0.34
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.60		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.47		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.62		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.77		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.39		0.33
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.99		0.34
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.60		0.34
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.21		0.35
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.82		0.36
		For Horizontal Surface Application, Deduct	*-0.06*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.85		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
		For 25 PSI Compressive Strength, Add	*0.21*		
		For 40 PSI Compressive Strength, Add	*0.50*		
		For 60 PSI Compressive Strength, Add	*0.79*		
		For 115 PSI Compressive Strength, Add	*3.45*		
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.20		0.32
		For Horizontal Surface Application, Deduct	*-0.05*		
		For Vapor Barrier, Integral With Insulation, Add	*0.05*		
		For 25 PSI Compressive Strength, Add	*0.27*		
		For 40 PSI Compressive Strength, Add	*0.63*		
		For 60 PSI Compressive Strength, Add	*1.00*		
		For 115 PSI Compressive Strength, Add	*4.34*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.47	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.15*	
		For 115 PSI Compressive Strength, Add	*5.04*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.99	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.23*	
		For 40 PSI Compressive Strength, Add	*0.55*	
		For 60 PSI Compressive Strength, Add	*0.87*	
		For 115 PSI Compressive Strength, Add	*3.81*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.82	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For 40 PSI Compressive Strength, Add	*0.86*	
		For 60 PSI Compressive Strength, Add	*1.34*	
		For 115 PSI Compressive Strength, Add	*5.89*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	3.65	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For 40 PSI Compressive Strength, Add	*1.17*	
		For 60 PSI Compressive Strength, Add	*1.82*	
		For 115 PSI Compressive Strength, Add	*8.00*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.07	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For 40 PSI Compressive Strength, Add	*1.33*	
		For 60 PSI Compressive Strength, Add	*2.06*	
		For 115 PSI Compressive Strength, Add	*9.05*	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation *(07 21 13 13)*
Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*
Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	2.49	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	3.50	0.32
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.13	0.33
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	5.43	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0031		Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.35	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.22	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.37	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.53	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.21	0.33
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.87	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.56	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.29	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*6.53*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	5.42	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.71*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.60	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.37*	
		For 60 PSI Compressive Strength, Add	*0.59*	
		For 115 PSI Compressive Strength, Add	*2.56*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.95	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For 40 PSI Compressive Strength, Add	*0.50*	
		For 60 PSI Compressive Strength, Add	*0.80*	
		For 115 PSI Compressive Strength, Add	*3.46*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.22	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For 40 PSI Compressive Strength, Add	*0.60*	
		For 60 PSI Compressive Strength, Add	*0.95*	
		For 115 PSI Compressive Strength, Add	*4.15*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.75	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For 40 PSI Compressive Strength, Add	*0.42*	
		For 60 PSI Compressive Strength, Add	*0.68*	
		For 115 PSI Compressive Strength, Add	*2.92*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.64	0.33
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.75*	
		For 60 PSI Compressive Strength, Add	*1.18*	
		For 115 PSI Compressive Strength, Add	*5.13*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	3.52	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For 40 PSI Compressive Strength, Add	*1.08*	
		For 60 PSI Compressive Strength, Add	*1.68*	
		For 115 PSI Compressive Strength, Add	*7.37*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.03	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.27*	
		For 60 PSI Compressive Strength, Add	*1.97*	
		For 115 PSI Compressive Strength, Add	*8.65*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	1.94	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.68	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.41	0.56
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	3.09	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.16	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	6.40	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.41	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.41	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	1.58	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.38	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.17	0.56
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	2.85	0.32
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.98	0.32
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	6.23	0.33
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.30	0.33
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.29	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0001)

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.54	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.77	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.01	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.41	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.82	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.64	0.56
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0009)
Note: Mechanically fastened to wood or steel.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.19	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.42	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.66	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.59*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.11	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.52	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.39	0.56
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.25	0.37
		For >1,600, Deduct	*-0.14*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.36	0.37
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.39	0.37
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	1.87	0.37
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.57	0.37
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.20	0.47
		For >1,600, Deduct	*-0.30*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	2.50	0.47
		For >1,600, Deduct	*-0.34*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.18	0.37
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.30	0.37
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	1.75	0.37
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	1.80	0.37
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.52	0.37
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.07	0.47
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.41	0.47
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0018		**Foil Faced, Fiberglass Flexible Insulation** *(07 21 16 00-0001)*		
07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.44	0.37
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.61	0.37
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.81	0.37
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.58	0.47
		For >1,600, Deduct	*-0.36*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.82	0.47
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0024		**Poly-Encapsulated, Fiberglass Flexible Insulation** *(07 21 16 00-0001)*		
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.29	0.37
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.39	0.37
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	1.93	0.37
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.59	0.37
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.14	0.47
		For >1,600, Deduct	*-0.30*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.41	0.47
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0031		**Mineral Wool Flexible Insulation** *(07 21 16)*		
07 21 16 00-0032		**Kraft Faced, Mineral Wool Flexible Insulation** *(07 21 16 00-0031)*		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.41	0.37
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	1.88	0.37
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	2.97	0.37
		For >1,600, Deduct	*-0.46*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	3.54	0.37
		For >1,600, Deduct	*-0.55*	
07 21 16 00-0037		**Unfaced, Mineral Wool Flexible Insulation** *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.31	0.37
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	1.72	0.37
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	2.66	0.37
		For >1,600, Deduct	*-0.39*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	3.17	0.37
		For >1,600, Deduct	*-0.48*	
07 21 16 00-0042		**Natural Cotton Insulation** *(07 21 16)*		
07 21 16 00-0043		**UltraTouch™ Natural Cotton Insulation** *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	1.94	0.37
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.18	0.37
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	2.44	0.37
		For >1,600, Deduct	*-0.37*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	3.26	0.37
		For >1,600, Deduct	*-0.52*	

07 21 19 Foamed-In-Place Insulation *(07 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0001		**Polyurethane Foam Insulation, Sprayed On** *(07 21 19)*		
07 21 19 00-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.29	
07 21 19 00-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.23	
07 21 19 00-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.16	
07 21 19 00-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.09	
07 21 19 00-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.03	
07 21 19 00-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.96	
07 21 19 00-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.50	
07 21 19 00-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.09	
07 21 19 00-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.69	
07 21 19 00-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.29	
07 21 19 00-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.88	
07 21 19 00-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.48	
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.63	2.17
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	6.06	2.17
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	8.05	2.17
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	7.97	2.17
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.28	1.03
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.42	1.13
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.59	1.24
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.77	1.34
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.88	1.39
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.04	1.45
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.18	1.49
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.29	1.55
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	2.46	1.65
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.59	1.70
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.80	1.76
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.03	1.86
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	3.50	2.06
07 21 26 00-0016		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	1.88	1.03
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.51	1.24
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	2.97	1.34
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.54	1.45
07 21 26 00-0021		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)* Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.78	1.03
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.41	1.24
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	2.87	1.34
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.44	1.45
07 21 26 00-0026		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0027		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.36	1.03
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.63	1.13
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.83	1.24
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.13	1.34
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.18	1.34
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.55	1.45
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.62	1.45
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.86	1.55
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.05	1.55
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.29	1.65
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.47	1.65
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.83	1.03

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.44	1.24
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.87	1.34
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.41	1.45
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.73	1.03
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.34	1.24
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.77	1.34
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.31	1.45
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
		Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.18	0.63
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.58	0.63
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	3.12	0.63
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.00	
07 22		Roof and Deck Insulation *(07 20)*		
07 22 16		**Roof Board Insulation** *(07 22)*		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
07 22 16 00-0001		Rigid Board Roofing Insulation *(07 22 16)*		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.04	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.31	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.56	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.03	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.49	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.44	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.49	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.97	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.97	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.10	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.27	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.68	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.94	
07 22 16 00-0019		Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	2.50	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.15	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.93	
07 22 16 00-0023		Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.12	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.76	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.02	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	11.66	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0028		Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*			
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		1.96	
		For Loose-Laid, Deduct		*-1.09*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		1.83	
		For Loose-Laid, Deduct		*-1.09*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		1.98	
		For Loose-Laid, Deduct		*-1.09*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.14	
		For Loose-Laid, Deduct		*-1.09*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.76	
		For Loose-Laid, Deduct		*-1.10*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		3.37	
		For Loose-Laid, Deduct		*-1.11*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		3.99	
		For Loose-Laid, Deduct		*-1.12*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		4.61	
		For Loose-Laid, Deduct		*-1.14*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		5.23	
		For Loose-Laid, Deduct		*-1.15*	
07 22 16 00-0038		Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*			
		Note: 15 PSI compressive strength.			
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		2.91	
		For Loose-Laid, Deduct		*-1.13*	
		For 25 PSI Compressive Strength, Add		*0.31*	
		For 40 PSI Compressive Strength, Add		*0.74*	
		For 60 PSI Compressive Strength, Add		*1.17*	
		For 115 PSI Compressive Strength, Add		*5.08*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		2.44	
		For Loose-Laid, Deduct		*-1.13*	
		For 25 PSI Compressive Strength, Add		*0.23*	
		For 40 PSI Compressive Strength, Add		*0.55*	
		For 60 PSI Compressive Strength, Add		*0.90*	
		For 115 PSI Compressive Strength, Add		*3.85*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		3.80	
		For Loose-Laid, Deduct		*-1.13*	
		For 25 PSI Compressive Strength, Add		*0.45*	
		For 40 PSI Compressive Strength, Add		*1.07*	
		For 60 PSI Compressive Strength, Add		*1.68*	
		For 100 PSI Compressive Strength, Add		*2.16*	
		For 115 PSI Compressive Strength, Add		*7.35*	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		3.27	
		For Loose-Laid, Deduct		*-1.14*	
		For 25 PSI Compressive Strength, Add		*0.36*	
		For 40 PSI Compressive Strength, Add		*0.86*	
		For 60 PSI Compressive Strength, Add		*1.37*	
		For 115 PSI Compressive Strength, Add		*5.93*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		5.27	
		For Loose-Laid, Deduct		*-1.14*	
		For 25 PSI Compressive Strength, Add		*0.68*	
		For 40 PSI Compressive Strength, Add		*1.62*	
		For 60 PSI Compressive Strength, Add		*2.53*	
		For 100 PSI Compressive Strength, Add		*3.25*	
		For 115 PSI Compressive Strength, Add		*11.07*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		4.12	
		For Loose-Laid, Deduct		*-1.16*	
		For 25 PSI Compressive Strength, Add		*0.49*	
		For 40 PSI Compressive Strength, Add		*1.17*	
		For 60 PSI Compressive Strength, Add		*1.84*	
		For 115 PSI Compressive Strength, Add		*8.04*	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		4.55	
		For Loose-Laid, Deduct		*-1.17*	
		For 25 PSI Compressive Strength, Add		*0.56*	
		For 40 PSI Compressive Strength, Add		*1.33*	
		For 60 PSI Compressive Strength, Add		*2.08*	
		For 115 PSI Compressive Strength, Add		*9.10*	
07 22 16 00-0046		Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0002)*			
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied		2.60	
		For Loose-Laid, Deduct		*-1.13*	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.16*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied		2.71	
		For Loose-Laid, Deduct		*-1.13*	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.17*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied		2.87	
		For Loose-Laid, Deduct		*-1.14*	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.29	
		For Loose-Laid, Deduct	*-1.14*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.23*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.72	
		For Loose-Laid, Deduct	*-1.15*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.27*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.14	
		For Loose-Laid, Deduct	*-1.16*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.60	
		For Loose-Laid, Deduct	*-1.16*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.36*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.00	
		For Loose-Laid, Deduct	*-1.17*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	

07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	2.95	

07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.79	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.96	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.08	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.14	

07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.73	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.99	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.05	

07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.77	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.02	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.35	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.56	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.04	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.24	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.56	

07 22 16 00-0074 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.81	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.25	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.77	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.10	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.53	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.99	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.82	

07 22 16 00-0082 Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0083		**Hot-Mopped, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.77	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.03	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.29	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.77	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.24	
07 22 16 00-0089		**Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.17	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.22	
07 22 16 00-0092		**Hot-Mopped, Perlite, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	1.66	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	1.80	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	1.98	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	2.39	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	2.65	
07 22 16 00-0098		**Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.20	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.85	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.64	
07 22 16 00-0102		**Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	3.83	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	4.46	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.74	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	11.37	
07 22 16 00-0107		**Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.66	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.53	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.59	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.82	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.45	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.08	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.69	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.32	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.93	
07 22 16 00-0117		**Hot-Mopped, Extruded Polystyrene, Roof Board Insulation** *(07 22 16 00-0082)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.61	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For 40 PSI Compressive Strength, Add	*0.59*	
		For 60 PSI Compressive Strength, Add	*0.95*	
		For 115 PSI Compressive Strength, Add	*4.09*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.14	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For 40 PSI Compressive Strength, Add	*0.40*	
		For 60 PSI Compressive Strength, Add	*0.67*	
		For 115 PSI Compressive Strength, Add	*2.83*	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.51	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For 40 PSI Compressive Strength, Add	*0.92*	
		For 60 PSI Compressive Strength, Add	*1.46*	
		For 100 PSI Compressive Strength, Add	*1.88*	
		For 115 PSI Compressive Strength, Add	*6.35*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.10	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For 40 PSI Compressive Strength, Add	*0.71*	
		For 60 PSI Compressive Strength, Add	*1.15*	
		For 115 PSI Compressive Strength, Add	*4.95*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	14.92	
		For 25 PSI Compressive Strength, Add	*0.62*	
		For 40 PSI Compressive Strength, Add	*1.47*	
		For 60 PSI Compressive Strength, Add	*2.80*	
		For 100 PSI Compressive Strength, Add	*3.46*	
		For 115 PSI Compressive Strength, Add	*11.08*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.83	
		For 25 PSI Compressive Strength, Add	*0.43*	
		For 40 PSI Compressive Strength, Add	*1.02*	
		For 60 PSI Compressive Strength, Add	*1.62*	
		For 115 PSI Compressive Strength, Add	*7.03*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped		4.26	
		For 25 PSI Compressive Strength, Add		*0.50*	
		For 40 PSI Compressive Strength, Add		*1.18*	
		For 60 PSI Compressive Strength, Add		*1.86*	
		For 115 PSI Compressive Strength, Add		*8.08*	
07 22 16 00-0125		**Hot-Mopped, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0082)*			
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		2.31	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.12*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		2.42	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.13*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		2.57	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.15*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		2.99	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.19*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		3.43	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.23*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		3.85	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.27*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		4.20	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.32*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped		4.71	
		For Foil Facer, Add		*0.36*	
		For 25 PSI Compressive Strength, Add		*0.36*	
07 22 16 00-0134		**Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*			
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped		2.51	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped		2.68	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped		2.80	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped		2.86	
07 22 16 00-0139		**Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*			
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped		2.45	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped		2.71	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped		2.77	
07 22 16 00-0143		**Mechanically Fastened Rigid Board Roofing Insulation** *(07 22 16 00-0001)*			
		Note: Mechanically fastened to wood or steel.			
07 22 16 00-0144		**Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0143)*			
		Note: Mechanically fastened to wood or steel.			
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened		1.69	
		For Mechanically Fastened To Concrete, Add		*1.38*	
		For Mechanically Fastened To Gypsum, Add		*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*2.96*	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened		1.96	
		For Mechanically Fastened To Concrete, Add		*1.38*	
		For Mechanically Fastened To Gypsum, Add		*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.05*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*2.96*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened		2.21	
		For Mechanically Fastened To Concrete, Add		*1.38*	
		For Mechanically Fastened To Gypsum, Add		*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.90*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*2.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.73	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.19	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0150		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.09	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.13	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0153		Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	1.62	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	1.75	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	1.92	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	2.38	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	2.65	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	

07 22 16 00-0159 Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.15	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.85	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.69	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	3.83	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	4.46	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	5.78	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	11.50	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.59*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0168		Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.61	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.48	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.63	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.79	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.96*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.46	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.13	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.83	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.57	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.80*	
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.85	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0178		Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.56	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For 40 PSI Compressive Strength, Add	*0.60*	
		For 60 PSI Compressive Strength, Add	*0.97*	
		For 115 PSI Compressive Strength, Add	*4.18*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.09	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For 40 PSI Compressive Strength, Add	*0.42*	
		For 60 PSI Compressive Strength, Add	*0.69*	
		For 115 PSI Compressive Strength, Add	*2.95*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.50	
		For 25 PSI Compressive Strength, Add	*0.40*	
		For 40 PSI Compressive Strength, Add	*0.96*	
		For 60 PSI Compressive Strength, Add	*1.51*	
		For 100 PSI Compressive Strength, Add	*1.94*	
		For 115 PSI Compressive Strength, Add	*6.57*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.97	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.75*	
		For 60 PSI Compressive Strength, Add	*1.19*	
		For 115 PSI Compressive Strength, Add	*5.16*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.03	
		For 25 PSI Compressive Strength, Add	*0.64*	
		For 40 PSI Compressive Strength, Add	*1.53*	
		For 60 PSI Compressive Strength, Add	*2.39*	
		For 100 PSI Compressive Strength, Add	*3.07*	
		For 115 PSI Compressive Strength, Add	*10.46*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.87	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For 40 PSI Compressive Strength, Add	*1.08*	
		For 60 PSI Compressive Strength, Add	*1.70*	
		For 115 PSI Compressive Strength, Add	*7.40*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.39	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.27*	
		For 60 PSI Compressive Strength, Add	*1.99*	
		For 115 PSI Compressive Strength, Add	*8.69*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0186		Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.25	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.13*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.36	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.57	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.99	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.47	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.89	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.44	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.59*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.85	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.38*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.60	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.44	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.61	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.73	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.79	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.38	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.64	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.70	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.47	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.72	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.99*	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.11	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.28*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.31	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.28*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.89	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.09	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.52	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.02*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.57	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.01	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.61	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.68*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.75*	
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.95	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.49	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.83*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.98*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.94	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.83*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.29	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.63	
		For 25 PSI Compressive Strength, Add	*0.32*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.36	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.93	
		For 25 PSI Compressive Strength, Add	*0.43*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.48	
		For 25 PSI Compressive Strength, Add	*0.48*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.04	
		For 25 PSI Compressive Strength, Add	*0.54*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.81	
		For 25 PSI Compressive Strength, Add	*0.60*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.37	
		For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.93	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.49	
		For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.22	
		For 25 PSI Compressive Strength, Add	*0.82*	

07 22 16 00-0236 Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.35	
		For 25 PSI Compressive Strength, Add	*0.29*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.64	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.76	
		For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.09	
		For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.21	
		For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.50	
		For 25 PSI Compressive Strength, Add	*0.85*	

07 22 16 00-0243 Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.20	
		For 25 PSI Compressive Strength, Add	*0.46*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.65	
		For 25 PSI Compressive Strength, Add	*0.68*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0246		SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.06	
			For 25 PSI Compressive Strength, Add	*0.91*	
07 22 16 00-0247		SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	17.50	
			For 25 PSI Compressive Strength, Add	*1.13*	
07 22 16 00-0248			Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0249			Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0250		SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.00	
07 22 16 00-0251		SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	5.74	
07 22 16 00-0252		SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.16	
07 22 16 00-0253		SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.58	
07 22 16 00-0254		SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.00	
07 22 16 00-0255		SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.77	
07 22 16 00-0256		SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.19	
07 22 16 00-0257		SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.61	
07 22 16 00-0258		SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.03	
07 22 16 00-0259		SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.77	
07 22 16 00-0260			Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0261		SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	3.79	
07 22 16 00-0262		SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	5.95	
07 22 16 00-0263		SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.79	
07 22 16 00-0264		SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.98	
07 22 16 00-0265		SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.82	
07 22 16 00-0266		SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.98	
07 22 16 00-0267			Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0268		SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.37	
07 22 16 00-0269		SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.40	
07 22 16 00-0270		SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.40	
07 22 16 00-0271		SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	15.85	
07 22 16 00-0272			Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0273			Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274		SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.51	
07 22 16 00-0275		SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.24	
07 22 16 00-0276		SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.77	
07 22 16 00-0277		SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.30	
07 22 16 00-0278		SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.84	
07 22 16 00-0279		SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.60	
07 22 16 00-0280		SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.13	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.66	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.19	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.93	
07 22 16 00-0284		**Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)** *(07 22 16 00-0272)*		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.24	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.51	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.57	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.87	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.93	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.20	
07 22 16 00-0291		**Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)** *(07 22 16 00-0272)*		
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.04	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.40	
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.73	
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	17.09	
07 22 16 00-0296		**Cold Adhesive Applied, Tapered Perlite Board** *(07 22 16 00-0223)* Note: Includes polyurethane adhesive		
07 22 16 00-0297		**Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.21	
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.29	
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.03	
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.54	
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.28	
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.37	
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.11	
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.62	
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.36	
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.44	
07 22 16 00-0308		**Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	4.84	
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.66	
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.91	
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.74	
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.99	
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.81	
07 22 16 00-0315		**Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.39	
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.47	
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.54	
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.62	
07 22 16 00-0320		**Hot-Mopped Rigid Board Tapered Roofing Insulation** *(07 22 16 00-0222)*		
07 22 16 00-0321		**Hot-Mopped, Tapered Polyisocyanurate Board** *(07 22 16 00-0320)*		
07 22 16 00-0322		**Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.24	
		For 25 PSI Compressive Strength, Add	*0.28*	
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.89	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.45	
		For 25 PSI Compressive Strength, Add	*0.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0326		SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.74	
			For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0327		SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.57	
			For 25 PSI Compressive Strength, Add	*0.47*	
07 22 16 00-0328		SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.10	
			For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0329		SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.66	
			For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0330		SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.22	
			For 25 PSI Compressive Strength, Add	*0.60*	
07 22 16 00-0331		SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.78	
			For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0332		SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.28	
			For 25 PSI Compressive Strength, Add	*0.68*	
07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*		
07 22 16 00-0334		SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.10	
			For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0335		SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.17	
			For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0336		SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.29	
			For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0337		SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.38	
			For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0338		SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.50	
			For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0339		SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.56	
			For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0340			Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*		
07 22 16 00-0341		SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.73	
			For 25 PSI Compressive Strength, Add	*0.38*	
07 22 16 00-0342		SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.94	
			For 25 PSI Compressive Strength, Add	*0.57*	
07 22 16 00-0343		SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.12	
			For 25 PSI Compressive Strength, Add	*0.76*	
07 22 16 00-0344		SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	16.32	
			For 25 PSI Compressive Strength, Add	*0.95*	
07 22 16 00-0345			Hot-Mopped, Tapered Perlite Board *(07 22 16 00-0320)*		
07 22 16 00-0346			Hot-Mopped, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0347		SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	4.35	
07 22 16 00-0348		SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.81	
07 22 16 00-0349		SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.55	
07 22 16 00-0350		SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.46	
07 22 16 00-0351		SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.20	
07 22 16 00-0352		SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.66	
07 22 16 00-0353		SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.40	
07 22 16 00-0354		SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.31	
07 22 16 00-0355		SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.05	
07 22 16 00-0356		SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.50	
07 22 16 00-0357			Hot-Mopped, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0358		SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	3.98	
07 22 16 00-0359		SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.18	
07 22 16 00-0360		SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.83	
07 22 16 00-0361		SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.03	
07 22 16 00-0362		SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.68	
07 22 16 00-0363		SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	11.87	
07 22 16 00-0364			Hot-Mopped, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0365		SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	6.92	
07 22 16 00-0366		SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	9.77	
07 22 16 00-0367		SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	62.07	
07 22 16 00-0368		SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	15.44	
07 22 16 00-0369			Mechanically Fastened Tapered Roofing Insulation *(07 22 16 00-0222)*		
			Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370			Mechanically Fastened, Tapered Polyisocyanurate Board *(07 22 16 00-0369)*		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371			Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.33	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.52	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.08	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.73	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.29	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.56	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.12	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.20	
		For 25 PSI Compressive Strength, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.76	
		For 25 PSI Compressive Strength, Add	*0.69*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.71	
		For 25 PSI Compressive Strength, Add	*0.67*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.05	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.80	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.01	
		For 25 PSI Compressive Strength, Add	*0.44*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.84	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.48	
		For 25 PSI Compressive Strength, Add	*0.67*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.99	
		For 25 PSI Compressive Strength, Add	*0.70*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	

07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*

07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.36	
		For 25 PSI Compressive Strength, Add	*0.37*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.18	
		For 25 PSI Compressive Strength, Add	*0.54*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.55	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.86	
		For 25 PSI Compressive Strength, Add	*0.97*	
		For Mechanically Fastened To Concrete, Add	*1.48*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.85*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.77*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.34*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.70	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.90	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.32	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.83	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.25	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.53	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.95	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.88	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.30	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.27	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.49	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.11	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.04	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.74	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.09	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.48	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.53	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.16	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.90	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	14.21	
		For Mechanically Fastened To Concrete, Add	*1.48*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.85*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.77*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.34*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.21	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.40	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.17	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.55	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.08	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.36	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.89	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.94	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.47	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.43	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	3.94	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.66	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.82	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.62	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.20	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.69	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0437		Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*		
07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.20	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.15	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.22	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	15.30	
		For Mechanically Fastened To Concrete, Add	*1.48*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.85*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.77*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.34*	
07 22 16 00-0442		Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*		
		Note: Mechanically fastened to wood or steel.		

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0443		Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	4.31	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	5.45	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.18	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.19	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.92	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.32*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.13	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.86	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.29	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.03	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.93	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0454		Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	3.94	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.64*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.63*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.93*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	5.81	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.68*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.11*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	6.55	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.18*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.25*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	8.49	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.47*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	9.66	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.53*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.29*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.71*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	11.30	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.05*	
07 22 16 00-0461		Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	6.55	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.71*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.86*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened		9.23	
		For Mechanically Fastened To Concrete, Add		*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.72*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.98*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.46*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.20*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.47*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened		12.04	
		For Mechanically Fastened To Concrete, Add		*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.77*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.35*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.02*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.05*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened		14.99	
		For Mechanically Fastened To Concrete, Add		*1.48*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.85*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.89*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.77*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.05*	

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation			0.54
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation			0.56
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation			0.57
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation			0.60
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation			0.61
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation			0.63
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation			0.64
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation			0.65
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation			0.67
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation			0.69
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation			0.70
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation			0.72
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation			0.74

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied			3.22
		For Up To 100, Add		*0.68*	
		For >100 To 500, Add		*0.34*	
		For >5,000, Deduct		*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add		*1.34*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add		*2.01*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied			3.54
		For Up To 100, Add		*0.69*	
		For >100 To 500, Add		*0.34*	
		For >5,000, Deduct		*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add		*1.37*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add		*2.03*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied			3.86
		For Up To 100, Add		*0.70*	
		For >100 To 500, Add		*0.35*	
		For >5,000, Deduct		*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add		*1.52*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add		*2.17*	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied			4.18
		For Up To 100, Add		*0.71*	
		For >100 To 500, Add		*0.35*	
		For >5,000, Deduct		*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add		*1.60*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add		*2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.48	
		For Up To 100, Add	*0.71*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.60*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.27*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.10	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.81*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.44*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	4.56	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	5.11	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	6.59	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	7.03	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.22	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	2.63	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	4.83	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	6.56	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.68	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.77	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	4.41	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	4.98	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	4.41	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	4.99	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	3.86	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	4.46	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	9.55	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.12	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.15	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.60	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.01	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.50	
		For Up To 100, Add	*0.42*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	3.73	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.04	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.40	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.15	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.04	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.40	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.75	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.58	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	2.53	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.63*	
		For >5,000, Deduct	*-0.25*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	26.52
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	24.42
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	31.14
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	40.99
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	21.80
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	74.52
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	116.55
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	170.15
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	238.67
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	64.05

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	11.38	2.79
		For Up To 50, Add	*3.90*	
		For >50 To 200, Add	*2.23*	
		For >200 To 500, Add	*0.84*	
		For >2,500, Deduct	*-0.57*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	12.29	2.79
		For Up To 50, Add	*4.25*	
		For >50 To 200, Add	*2.43*	
		For >200 To 500, Add	*0.92*	
		For >2,500, Deduct	*-0.61*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	4.07	1.86
		For Up To 50, Add	*1.97*	
		For >50 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.37*	
		For >2,500, Deduct	*-0.20*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	7.45	2.79
		For Up To 50, Add	*3.52*	
		For >50 To 200, Add	*1.95*	
		For >200 To 500, Add	*0.67*	
		For >2,500, Deduct	*-0.37*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	5.22	1.86
		For Up To 50, Add	*2.14*	
		For >50 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.43*	
		For >2,500, Deduct	*-0.26*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	8.96	1.86
		For Up To 50, Add	*2.58*	
		For >50 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.60*	
		For >2,500, Deduct	*-0.45*	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	260.95	179.56
		For >35 To 75, Deduct	*-9.77*	
		For >75 To 100, Deduct	*-15.80*	
		For >100 To 200, Deduct	*-23.79*	
		For >200, Deduct	*-35.86*	
		For Steep Roof, Over 7 To 12, Add	*52.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	273.68	188.57
		For >35 To 75, Deduct	*-10.23*	
		For >75 To 100, Deduct	*-16.56*	
		For >100 To 200, Deduct	*-24.93*	
		For >200, Deduct	*-37.59*	
		For Steep Roof, Over 7 To 12, Add	*54.86*	
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	314.77	197.98
		For >35 To 75, Deduct	*-13.47*	
		For >75 To 100, Deduct	*-20.67*	
		For >100 To 200, Deduct	*-30.56*	
		For >200, Deduct	*-44.95*	
		For Steep Roof, Over 7 To 12, Add	*57.62*	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	325.96	229.23
		For >35 To 75, Deduct	*-11.76*	
		For >75 To 100, Deduct	*-19.32*	
		For >100 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-44.36*	
		For Steep Roof, Over 7 To 12, Add	*66.68*	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	342.69	218.25
		For >35 To 75, Deduct	*-14.42*	
		For >75 To 100, Deduct	*-22.27*	
		For >100 To 200, Deduct	*-33.00*	
		For >200, Deduct	*-48.69*	
		For Steep Roof, Over 7 To 12, Add	*63.51*	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	371.64	240.69
		For >35 To 75, Deduct	*-15.28*	
		For >75 To 100, Deduct	*-23.81*	
		For >100 To 200, Deduct	*-35.39*	
		For >200, Deduct	*-52.44*	
		For Steep Roof, Over 7 To 12, Add	*70.03*	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	356.49	207.87
		For >35 To 75, Deduct	*-16.75*	
		For >75 To 100, Deduct	*-24.83*	
		For >100 To 200, Deduct	*-36.25*	
		For >200, Deduct	*-52.40*	
		For Steep Roof, Over 7 To 12, Add	*60.47*	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	402.36	252.73
		For >35 To 75, Deduct	*-17.27*	
		For >75 To 100, Deduct	*-26.46*	
		For >100 To 200, Deduct	*-39.11*	
		For >200, Deduct	*-57.50*	
		For Steep Roof, Over 7 To 12, Add	*73.51*	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	427.67	252.73
		For >35 To 75, Deduct	*-19.80*	
		For >75 To 100, Deduct	*-29.50*	
		For >100 To 200, Deduct	*-43.16*	
		For >200, Deduct	*-62.56*	
		For Steep Roof, Over 7 To 12, Add	*73.51*	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	467.31	278.60
		For >35 To 75, Deduct	*-21.40*	
		For >75 To 100, Deduct	*-32.01*	
		For >100 To 200, Deduct	*-46.90*	
		For >200, Deduct	*-68.13*	
		For Steep Roof, Over 7 To 12, Add	*81.06*	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	462.37	265.37
		For >35 To 75, Deduct	*-22.12*	
		For >75 To 100, Deduct	*-32.57*	
		For >100 To 200, Deduct	*-47.45*	
		For >200, Deduct	*-68.36*	
		For Steep Roof, Over 7 To 12, Add	*77.17*	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	458.79	252.73
		For >35 To 75, Deduct	*-22.91*	
		For >75 To 100, Deduct	*-33.23*	
		For >100 To 200, Deduct	*-48.14*	
		For >200, Deduct	*-68.79*	
		For Steep Roof, Over 7 To 12, Add	*73.51*	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	535.44	278.60
		For >35 To 75, Deduct	*-28.21*	
		For >75 To 100, Deduct	*-40.19*	
		For >100 To 200, Deduct	*-57.81*	
		For >200, Deduct	*-81.76*	
		For Steep Roof, Over 7 To 12, Add	*81.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	553.18	278.60
		For >35 To 75, Deduct	*-29.99*	
		For >75 To 100, Deduct	*-42.32*	
		For >100 To 200, Deduct	*-60.64*	
		For >200, Deduct	*-85.30*	
		For Steep Roof, Over 7 To 12, Add	*81.06*	
07 31 13 13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	614.34	307.20
		For >35 To 75, Deduct	*-33.51*	
		For >75 To 100, Deduct	*-47.19*	
		For >100 To 200, Deduct	*-67.57*	
		For >200, Deduct	*-94.94*	
		For Steep Roof, Over 7 To 12, Add	*89.37*	
07 31 13 13-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	604.08	292.51
		For >35 To 75, Deduct	*-33.81*	
		For >75 To 100, Deduct	*-47.22*	
		For >100 To 200, Deduct	*-67.40*	
		For >200, Deduct	*-94.22*	
		For Steep Roof, Over 7 To 12, Add	*85.11*	
07 31 13 13-0019		**Asphalt Shingle Accessories** *(07 31 13 13)*		
07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	8.08	1.08
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	3.69	2.67
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	4.44	2.97
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	83.26	
07 31 16		**Metal Shingles** *(07 31)*		
07 31 16 00-0001		Aluminum Shingles *(07 31 16)*		
07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	723.70	170.65
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	988.20	186.52
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.24	2.46
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	13.86	2.46
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	8.58	2.46
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	9.82	2.46
07 31 16 00-0008		Galvanized Steel Shingles *(07 31 16)*		
07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	528.03	153.56
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-8.83*	
		For >75 To 100, Deduct	*-23.14*	
		For >100 To 200, Deduct	*-39.65*	
		For >200, Deduct	*-53.96*	
		For Steep Roof, Over 7 To 12, Add	*98.29*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	507.23	152.32
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-8.11*	
		For >75 To 100, Deduct	*-21.80*	
		For >100 To 200, Deduct	*-37.52*	
		For >200, Deduct	*-51.22*	
		For Steep Roof, Over 7 To 12, Add	*97.46*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	850.05	153.56
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-21.72*	
		For >75 To 100, Deduct	*-45.68*	
		For >100 To 200, Deduct	*-75.08*	
		For >200, Deduct	*-99.04*	
		For Steep Roof, Over 7 To 12, Add	*98.29*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	780.50	152.32
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-19.04*	
		For >75 To 100, Deduct	*-40.93*	
		For >100 To 200, Deduct	*-67.58*	
		For >200, Deduct	*-89.47*	
		For Steep Roof, Over 7 To 12, Add	*97.46*	
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	8.67	2.05
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.19*	
		For >75 To 100, Deduct	*-0.43*	
		For >100 To 200, Deduct	*-0.71*	
		For >200, Deduct	*-0.95*	
		For Steep Roof, Over 7 To 12, Add	*1.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,242.40	261.94
		For >50 To 75, Deduct	*-26.41*	
		For >75 To 100, Deduct	*-60.78*	
		For >100 To 200, Deduct	*-101.74*	
		For >200, Deduct	*-136.10*	
		For Graduated Shapes, Add	*99.05*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,423.62	261.94
		For >50 To 75, Deduct	*-33.66*	
		For >75 To 100, Deduct	*-73.46*	
		For >100 To 200, Deduct	*-121.68*	
		For >200, Deduct	*-161.47*	
		For Graduated Shapes, Add	*126.24*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,369.26	261.94
		For >50 To 75, Deduct	*-31.49*	
		For >75 To 100, Deduct	*-69.66*	
		For >100 To 200, Deduct	*-115.70*	
		For >200, Deduct	*-153.86*	
		For Graduated Shapes, Add	*118.08*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,387.38	261.94
		For >50 To 75, Deduct	*-32.21*	
		For >75 To 100, Deduct	*-70.92*	
		For >100 To 200, Deduct	*-117.69*	
		For >200, Deduct	*-156.40*	
		For Graduated Shapes, Add	*120.80*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,459.86	261.94
		For >50 To 75, Deduct	*-35.11*	
		For >75 To 100, Deduct	*-76.00*	
		For >100 To 200, Deduct	*-125.66*	
		For >200, Deduct	*-166.55*	
		For Graduated Shapes, Add	*131.67*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,369.26	261.94
		For >50 To 75, Deduct	*-31.49*	
		For >75 To 100, Deduct	*-69.66*	
		For >100 To 200, Deduct	*-115.70*	
		For >200, Deduct	*-153.86*	
		For Graduated Shapes, Add	*118.08*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,314.89	261.94
		For >50 To 75, Deduct	*-29.31*	
		For >75 To 100, Deduct	*-65.85*	
		For >100 To 200, Deduct	*-109.72*	
		For >200, Deduct	*-146.25*	
		For Graduated Shapes, Add	*109.93*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,447.25	261.94
		For >50 To 75, Deduct	*-74.61*	
		For >75 To 100, Deduct	*-145.12*	
		For >100 To 200, Deduct	*-234.28*	
		For >200, Deduct	*-304.78*	
		For Graduated Shapes, Add	*279.78*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,369.26	261.94
		For >50 To 75, Deduct	*-31.49*	
		For >75 To 100, Deduct	*-69.66*	
		For >100 To 200, Deduct	*-115.70*	
		For >200, Deduct	*-153.86*	
		For Graduated Shapes, Add	*118.08*	
		For Steep Roof, Over 7 To 12, Add	*186.25*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	816.61	186.35
		For Steep Roof, Over 7 To 12, Add	*119.26*	
		For Pressure-Impregnated Treated (Preservative), Add	*66.59*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	590.27	139.76
		For Steep Roof, Over 7 To 12, Add	*89.45*	
		For Pressure-Impregnated Treated (Preservative), Add	*46.61*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	727.40	158.40
		For Steep Roof, Over 7 To 12, Add	*101.38*	
		For Pressure-Impregnated Treated (Preservative), Add	*61.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	595.53	130.44
		For Steep Roof, Over 7 To 12, Add	*83.48*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.20*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	806.27	123.46
		For Steep Roof, Over 7 To 12, Add	*79.01*	
		For Pressure-Impregnated Treated (Preservative), Add	*83.90*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	620.77	104.82
		For Steep Roof, Over 7 To 12, Add	*67.08*	
		For Pressure-Impregnated Treated (Preservative), Add	*61.67*	
07 31 29 13-0009		#1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*		
07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	557.39	167.72
		For Pressure-Impregnated Treated (Preservative), Add	*33.29*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	547.59	158.40
		For Pressure-Impregnated Treated (Preservative), Add	*34.62*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	568.54	137.44
		For Pressure-Impregnated Treated (Preservative), Add	*44.05*	
07 31 29 13-0013		#2 Grade, Red Cedar Shingles *(07 31 29 13)*		
07 31 29 13-0014		#2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*		
07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	749.87	195.67
		For Steep Roof, Over 7 To 12, Add	*125.23*	
		For Pressure-Impregnated Treated (Preservative), Add	*53.78*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	667.79	177.03
		For Steep Roof, Over 7 To 12, Add	*113.30*	
		For Pressure-Impregnated Treated (Preservative), Add	*47.06*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	716.73	177.03
		For Steep Roof, Over 7 To 12, Add	*113.30*	
		For Pressure-Impregnated Treated (Preservative), Add	*54.40*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	639.42	158.40
		For Steep Roof, Over 7 To 12, Add	*101.38*	
		For Pressure-Impregnated Treated (Preservative), Add	*48.39*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	637.16	123.46
		For Steep Roof, Over 7 To 12, Add	*79.01*	
		For Pressure-Impregnated Treated (Preservative), Add	*58.54*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	518.27	107.15
		For Steep Roof, Over 7 To 12, Add	*68.58*	
		For Pressure-Impregnated Treated (Preservative), Add	*45.60*	
07 31 29 13-0021		#2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*		
07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	533.33	177.03
		For Pressure-Impregnated Treated (Preservative), Add	*26.89*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	516.76	167.72
		For Pressure-Impregnated Treated (Preservative), Add	*27.20*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	503.04	149.09
		For Pressure-Impregnated Treated (Preservative), Add	*30.73*	
07 31 29 16		**Wood Shakes** *(07 31 29)*		
07 31 29 16-0001		#1 Grade, Red Cedar Shakes *(07 31 29 16)*		
07 31 29 16-0002		#1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*		
07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	589.66	151.41
		For Steep Roof, Over 7 To 12, Add	*96.90*	
		For Pressure-Impregnated Treated (Preservative), Add	*43.03*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	685.27	151.41
		For Steep Roof, Over 7 To 12, Add	*96.90*	
		For Pressure-Impregnated Treated (Preservative), Add	*57.37*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	641.31	123.46
		For Steep Roof, Over 7 To 12, Add	*79.01*	
		For Pressure-Impregnated Treated (Preservative), Add	*59.16*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	681.94	123.46
		For Steep Roof, Over 7 To 12, Add	*79.01*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.25*	
07 31 29 16-0007		#1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*		
07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	612.96	163.05
		For Pressure-Impregnated Treated (Preservative), Add	*43.03*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	708.57	163.05
		For Pressure-Impregnated Treated (Preservative), Add	*57.37*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	673.93	139.76
		For Pressure-Impregnated Treated (Preservative), Add	*59.16*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	714.56	139.76
		For Pressure-Impregnated Treated (Preservative), Add	*65.25*	
07 31 29 19		**Wood Shingles And Shakes Cap** *(07 31 29)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 19-0001		**Accessories** *(07 31 29 19)*		
07 31 29 19-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	10.39	1.21
		For Steep Roof, Over 7 To 12, Add	*0.90*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.14*	
07 31 33		**Composite Rubber Shingles** *(07 31)*		
07 31 33 00-0001		Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*		
		Note: As manufactured by EcoStar.		
07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	1,240.70	228.69
		Note: Gray or black.		
		For Purple Or Green Color, Add	*125.34*	
		For Brown Or Red Color, Add	*321.18*	
		For Steep Roof, Over 7 To 12, Add	*146.35*	
		For >50 To 75, Deduct	*-19.58*	
		For >75 To 100, Deduct	*-50.60*	
		For >100 To 200, Deduct	*-81.62*	
		For >200, Deduct	*-124.07*	
		For 6.5" Exposure, Add	*86.45*	
		For 6.0" Exposure, Add	*172.89*	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	1,762.94	228.69
		Note: Fire resistant. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*195.84*	
		For Steep Roof, Over 7 To 12, Add	*146.35*	
		For >50 To 75, Deduct	*-32.64*	
		For >75 To 100, Deduct	*-76.71*	
		For >100 To 200, Deduct	*-120.79*	
		For >200, Deduct	*-176.29*	
		For 6.5" Exposure, Add	*123.75*	
		For 6.0" Exposure, Add	*247.49*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,455.74	228.69
		Note: Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*359.43*	
		For Steep Roof, Over 7 To 12, Add	*146.35*	
		For >50 To 75, Deduct	*-24.96*	
		For >75 To 100, Deduct	*-61.35*	
		For >100 To 200, Deduct	*-97.75*	
		For >200, Deduct	*-145.57*	
		For 6.5" Exposure, Add	*101.81*	
		For 6.0" Exposure, Add	*203.61*	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,870.46	228.69
		Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*155.44*	
		For Steep Roof, Over 7 To 12, Add	*146.35*	
		For >50 To 75, Deduct	*-35.33*	
		For >75 To 100, Deduct	*-82.09*	
		For >100 To 200, Deduct	*-128.85*	
		For >200, Deduct	*-187.05*	
		For 6.5" Exposure, Add	*131.43*	
		For 6.0" Exposure, Add	*262.85*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle	13.74	1.54
		Note: Beveled or pointed edges, gray or black.		
07 32		**Roof Tiles** *(07 30)*		
07 32 13		**Clay Roof Tiles** *(07 32)*		
		Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.		
07 32 13 00-0001		Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*		
		Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.		
07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,285.45	248.42
		For >25 To 50, Deduct	*-47.31*	
		For >50 To 75, Deduct	*-91.28*	
		For >75 To 100, Deduct	*-127.36*	
		For >100 To 200, Deduct	*-155.55*	
		For >200, Deduct	*-175.86*	
		For 20 Year Warranty, Add	*55.20*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,539.60	248.42
		For >25 To 50, Deduct	*-62.56*	
		For >50 To 75, Deduct	*-116.69*	
		For >75 To 100, Deduct	*-160.40*	
		For >100 To 200, Deduct	*-193.67*	
		For >200, Deduct	*-216.52*	
		For 20 Year Warranty, Add	*72.99*	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,539.60	248.42
		For >25 To 50, Deduct	*-62.56*	
		For >50 To 75, Deduct	*-116.69*	
		For >75 To 100, Deduct	*-160.40*	
		For >100 To 200, Deduct	*-193.67*	
		For >200, Deduct	*-216.52*	
		For 20 Year Warranty, Add	*72.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,755.24	248.42
		For >25 To 50, Deduct	*-75.50*	
		For >50 To 75, Deduct	*-138.26*	
		For >75 To 100, Deduct	*-188.43*	
		For >100 To 200, Deduct	*-226.02*	
		For >200, Deduct	*-251.02*	
		For 20 Year Warranty, Add	*88.08*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,532.65	303.74
		For >25 To 50, Deduct	*-55.51*	
		For >50 To 75, Deduct	*-107.71*	
		For >75 To 100, Deduct	*-150.65*	
		For >100 To 200, Deduct	*-184.34*	
		For >200, Deduct	*-208.78*	
		For 20 Year Warranty, Add	*64.76*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,912.00	303.74
		For >25 To 50, Deduct	*-78.27*	
		For >50 To 75, Deduct	*-145.64*	
		For >75 To 100, Deduct	*-199.96*	
		For >100 To 200, Deduct	*-241.24*	
		For >200, Deduct	*-269.47*	
		For 20 Year Warranty, Add	*91.32*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,439.57	409.76
		For >25 To 50, Deduct	*-97.22*	
		For >50 To 75, Deduct	*-182.51*	
		For >75 To 100, Deduct	*-251.60*	
		For >100 To 200, Deduct	*-304.49*	
		For >200, Deduct	*-341.18*	
		For 20 Year Warranty, Add	*113.42*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,342.85	303.74
		For >25 To 50, Deduct	*-44.12*	
		For >50 To 75, Deduct	*-88.73*	
		For >75 To 100, Deduct	*-125.97*	
		For >100 To 200, Deduct	*-155.87*	
		For >200, Deduct	*-178.41*	
		For 20 Year Warranty, Add	*51.48*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,650.15	303.74
		For >25 To 50, Deduct	*-62.56*	
		For >50 To 75, Deduct	*-119.46*	
		For >75 To 100, Deduct	*-165.92*	
		For >100 To 200, Deduct	*-201.96*	
		For >200, Deduct	*-227.58*	
		For 20 Year Warranty, Add	*72.99*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,151.01	227.42
		For >25 To 50, Deduct	*-41.77*	
		For >50 To 75, Deduct	*-80.99*	
		For >75 To 100, Deduct	*-113.24*	
		For >100 To 200, Deduct	*-138.54*	
		For >200, Deduct	*-156.87*	
		For 20 Year Warranty, Add	*48.73*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,482.18	227.42
		For >25 To 50, Deduct	*-61.64*	
		For >50 To 75, Deduct	*-114.10*	
		For >75 To 100, Deduct	*-156.29*	
		For >100 To 200, Deduct	*-188.21*	
		For >200, Deduct	*-209.86*	
		For 20 Year Warranty, Add	*71.91*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,767.13	227.42
		For >25 To 50, Deduct	*-78.74*	
		For >50 To 75, Deduct	*-142.60*	
		For >75 To 100, Deduct	*-193.34*	
		For >100 To 200, Deduct	*-230.95*	
		For >200, Deduct	*-255.45*	
		For 20 Year Warranty, Add	*91.86*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,140.74	356.49
		For >25 To 50, Deduct	*-85.67*	
		For >50 To 75, Deduct	*-160.60*	
		For >75 To 100, Deduct	*-221.26*	
		For >100 To 200, Deduct	*-267.64*	
		For >200, Deduct	*-299.74*	
		For 20 Year Warranty, Add	*99.94*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	954.29	248.42
		For >25 To 50, Deduct	*-27.44*	
		For >50 To 75, Deduct	*-58.16*	
		For >75 To 100, Deduct	*-84.31*	
		For >100 To 200, Deduct	*-105.88*	
		For >200, Deduct	*-122.87*	
		For 20 Year Warranty, Add	*32.02*	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,274.33	356.49
		For >25 To 50, Deduct	*-33.68*	
		For >50 To 75, Deduct	*-73.96*	
		For >75 To 100, Deduct	*-108.63*	
		For >100 To 200, Deduct	*-137.68*	
		For >200, Deduct	*-161.11*	
		For 20 Year Warranty, Add	*39.30*	

07 32 16 Concrete Roof Tiles *(07 32)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0001		**Corrugated Tiles And Shakes Nailed To Wood** *(07 32 16)* Note: Includes 30 lb felt underlayment.		
07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	1,007.66	376.57
		For >50 To 75, Deduct	*-10.18*	
		For >75 To 100, Deduct	*-36.64*	
		For >100 To 200, Deduct	*-65.65*	
		For >200, Deduct	*-92.11*	
		For Steep Roof, Over 7 To 12, Add	*241.03*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,261.35	376.57
		For >50 To 75, Deduct	*-20.32*	
		For >75 To 100, Deduct	*-54.40*	
		For >100 To 200, Deduct	*-93.55*	
		For >200, Deduct	*-127.63*	
		For Steep Roof, Over 7 To 12, Add	*241.03*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,058.40	376.57
		For >50 To 75, Deduct	*-12.21*	
		For >75 To 100, Deduct	*-40.19*	
		For >100 To 200, Deduct	*-71.23*	
		For >200, Deduct	*-99.22*	
		For Steep Roof, Over 7 To 12, Add	*241.03*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	991.80	336.92
		For >50 To 75, Deduct	*-12.71*	
		For >75 To 100, Deduct	*-39.10*	
		For >100 To 200, Deduct	*-68.66*	
		For >200, Deduct	*-95.05*	
		For Steep Roof, Over 7 To 12, Add	*215.66*	
07 32 16 00-0006		**Accessories** *(07 32 16)*		
07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	4.28	
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.82	
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	4.26	
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.88	
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	5.07	
07 34 Roofing Underlayment *(07 30)*				
07 34 00 00-0001		**Mechanically Fastened, Roofing Underlayment** *(07 34)* Note: Standard slope.		
07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	34.17	7.37
		For Steep Roof, Over 7 To 12, Add	*4.72*	
		For >50 To 75, Deduct	*-0.78*	
		For >75 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.87*	
		For >200, Deduct	*-4.19*	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	52.75	10.14
		For Steep Roof, Over 7 To 12, Add	*6.49*	
		For >50 To 75, Deduct	*-1.30*	
		For >75 To 100, Deduct	*-2.78*	
		For >100 To 200, Deduct	*-4.59*	
		For >200, Deduct	*-6.57*	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	58.86	10.14
		For Steep Roof, Over 7 To 12, Add	*6.49*	
		For >50 To 75, Deduct	*-1.54*	
		For >75 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-5.26*	
		For >200, Deduct	*-7.43*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	65.39	15.36
		For Steep Roof, Over 7 To 12, Add	*9.83*	
		For >50 To 75, Deduct	*-1.39*	
		For >75 To 100, Deduct	*-3.20*	
		For >100 To 200, Deduct	*-5.35*	
		For >200, Deduct	*-7.93*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	72.63	15.36
		For Steep Roof, Over 7 To 12, Add	*9.83*	
		For >50 To 75, Deduct	*-1.68*	
		For >75 To 100, Deduct	*-3.70*	
		For >100 To 200, Deduct	*-6.15*	
		For >200, Deduct	*-8.94*	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	84.57	15.36
		For Steep Roof, Over 7 To 12, Add	*9.83*	
		For >50 To 75, Deduct	*-2.15*	
		For >75 To 100, Deduct	*-4.54*	
		For >100 To 200, Deduct	*-7.46*	
		For >200, Deduct	*-10.61*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	78.60	15.36
		For Steep Roof, Over 7 To 12, Add	*9.83*	
		For >50 To 75, Deduct	*-1.92*	
		For >75 To 100, Deduct	*-4.12*	
		For >100 To 200, Deduct	*-6.80*	
		For >200, Deduct	*-9.78*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0009		Self-Adhering, Roofing Underlayment *(07 34)* Note: Standard slope.		
07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	136.28	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-3.96*	
		For >75 To 100, Deduct	*-7.86*	
		For >100 To 200, Deduct	*-12.76*	
		For >200, Deduct	*-17.59*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	205.47	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-6.73*	
		For >75 To 100, Deduct	*-12.71*	
		For >100 To 200, Deduct	*-20.37*	
		For >200, Deduct	*-27.28*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	144.84	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-4.30*	
		For >75 To 100, Deduct	*-8.46*	
		For >100 To 200, Deduct	*-13.70*	
		For >200, Deduct	*-18.79*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	136.28	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-3.96*	
		For >75 To 100, Deduct	*-7.86*	
		For >100 To 200, Deduct	*-12.76*	
		For >200, Deduct	*-17.59*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	195.49	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-6.33*	
		For >75 To 100, Deduct	*-12.01*	
		For >100 To 200, Deduct	*-19.27*	
		For >200, Deduct	*-25.88*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	164.22	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-5.08*	
		For >75 To 100, Deduct	*-9.82*	
		For >100 To 200, Deduct	*-15.83*	
		For >200, Deduct	*-21.50*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	244.79	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-8.30*	
		For >75 To 100, Deduct	*-15.46*	
		For >100 To 200, Deduct	*-24.69*	
		For >200, Deduct	*-32.78*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	280.07	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-9.71*	
		For >75 To 100, Deduct	*-17.93*	
		For >100 To 200, Deduct	*-28.57*	
		For >200, Deduct	*-37.72*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	412.47	18.63
		For Steep Roof, Over 7 To 12, Add	*11.91*	
		For >50 To 75, Deduct	*-15.01*	
		For >75 To 100, Deduct	*-27.20*	
		For >100 To 200, Deduct	*-43.14*	
		For >200, Deduct	*-56.26*	

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07 40 Roofing and Siding Panels *(07)*

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*
Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.76	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.05	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.55	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.06	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.65	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0009	SF	29 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.30	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.16	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0011		**Galvanized Exposed Fastener Metal Roof Accessories** *(07 41 13 00-0002)*		
		See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	22.69	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.29*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing	14.18	1.59
		For Steep Roof, Over 7 To 12, Add	*2.09*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.77*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	27.77	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.80*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	23.16	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.34*	
07 41 13 00-0016		**Aluminum Exposed Fastener Metal Roofing** *(07 41 13 00-0001)*		
07 41 13 00-0017		**Aluminum Exposed Fastener Metal Roof Panels** *(07 41 13 00-0016)*		
07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	4.57	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	4.71	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.03	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.46	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.90	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.44	2.32
		For Fluoropolymer (Kynar®) Coating, Add	*1.31*	
		For Steep Roof, Over 7 To 12, Add	*1.19*	
07 41 13 00-0024		**Aluminum Exposed Fastener Metal Roof Accessories** *(07 41 13 00-0016)*		
07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	25.81	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.60*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing	15.98	1.68
		For Steep Roof, Over 7 To 12, Add	*2.09*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.95*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	32.15	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.24*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	26.39	2.42
		For Steep Roof, Over 7 To 12, Add	*3.13*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.66*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0029		**Standing Seam Roofs** *(07 41 13)*			
		Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.			
07 41 13 00-0030		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*			
		Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.			
07 41 13 00-0031		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0030)*			
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		10.82	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.45*	
		For 140 MPH Wind Load, Add		*0.61*	
		For Up To 1,500, Add		*2.71*	
		For >1,500 To 5,000, Add		*1.62*	
		For >5,000 To 10,000, Add		*0.27*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		11.37	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.48*	
		For 140 MPH Wind Load, Add		*0.62*	
		For Up To 1,500, Add		*2.84*	
		For >1,500 To 5,000, Add		*1.71*	
		For >5,000 To 10,000, Add		*0.28*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		10.33	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.43*	
		For 140 MPH Wind Load, Add		*0.60*	
		For Up To 1,500, Add		*2.58*	
		For >1,500 To 5,000, Add		*1.55*	
		For >5,000 To 10,000, Add		*0.26*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		10.52	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.44*	
		For 140 MPH Wind Load, Add		*0.60*	
		For Up To 1,500, Add		*2.63*	
		For >1,500 To 5,000, Add		*1.58*	
		For >5,000 To 10,000, Add		*0.26*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		10.75	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.45*	
		For 140 MPH Wind Load, Add		*0.61*	
		For Up To 1,500, Add		*2.69*	
		For >1,500 To 5,000, Add		*1.61*	
		For >5,000 To 10,000, Add		*0.27*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing		11.55	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For Panels <16" Wide, Add		*1.49*	
		For 140 MPH Wind Load, Add		*0.63*	
		For Up To 1,500, Add		*2.89*	
		For >1,500 To 5,000, Add		*1.73*	
		For >5,000 To 10,000, Add		*0.29*	
07 41 13 00-0038		**Accessories For Galvanized Steel Standing Seam Roofing** *(07 41 13 00-0030)*			
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing		23.99	2.42
		For Steep Roof, Over 6 To 12, Add		*2.93*	
		For 140 MPH Wind Load, Add		*1.26*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing		14.95	1.68
		For Steep Roof, Over 6 To 12, Add		*1.96*	
		For 140 MPH Wind Load, Add		*0.82*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing		29.57	2.42
		For Steep Roof, Over 6 To 12, Add		*2.93*	
		For 140 MPH Wind Load, Add		*1.37*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing		24.49	2.42
		For Steep Roof, Over 6 To 12, Add		*2.93*	
		For 140 MPH Wind Load, Add		*1.27*	
07 41 13 00-0043		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*			
		Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.			
07 41 13 00-0044		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0043)*			
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing		11.21	2.47
		For Steep Roof, Over 6 To 12, Add		*1.48*	
		For 140 MPH Wind Load, Add		*0.62*	
		For Up To 1,500, Add		*2.80*	
		For Panels < 16" Wide, Add		*1.47*	
		For Up To 5000, Add		*0.62*	
		For > 5000 To 10000, Add		*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	11.68	2.47
		For Steep Roof, Over 6 To 12, Add	*1.48*	
		For 140 MPH Wind Load, Add	*0.63*	
		For Up To 1,500, Add	*2.92*	
		For Panels < 16" Wide, Add	*1.50*	
		For Up To 5000, Add	*0.63*	
		For > 5000 To 10000, Add	*0.29*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	10.94	2.47
		For Steep Roof, Over 6 To 12, Add	*1.48*	
		For 140 MPH Wind Load, Add	*0.61*	
		For Up To 1,500, Add	*2.74*	
		For Panels < 16" Wide, Add	*1.46*	
		For Up To 5000, Add	*0.61*	
		For > 5000 To 10000, Add	*0.27*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	11.81	2.47
		For Steep Roof, Over 6 To 12, Add	*1.48*	
		For 140 MPH Wind Load, Add	*0.63*	
		For Up To 1,500, Add	*2.95*	
		For Panels < 16" Wide, Add	*1.50*	
		For Up To 5000, Add	*0.63*	
		For > 5000 To 10000, Add	*0.30*	

07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	27.41	2.42
		For Steep Roof, Over 6 To 12, Add	*2.93*	
		For 140 MPH Wind Load, Add	*1.33*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	16.92	1.68
		For Steep Roof, Over 6 To 12, Add	*1.96*	
		For 140 MPH Wind Load, Add	*0.86*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	34.39	2.42
		For Steep Roof, Over 6 To 12, Add	*2.93*	
		For 140 MPH Wind Load, Add	*1.47*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	28.05	2.42
		For Steep Roof, Over 6 To 12, Add	*2.93*	
		For 140 MPH Wind Load, Add	*1.34*	

07 41 13 00-0054 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0055 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	20.95	2.96
		For Steep Roof, Over 6 To 12, Add	*2.22*	
		For 140 MPH Wind Load, Add	*1.01*	
		For Up To 1,500, Add	*5.24*	
		For Up To 5000, Add	*2.10*	
		For > 5000 To 10000, Add	*0.52*	
		For Panels < 16" Wide, Add	*2.42*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	23.83	2.96
		For Steep Roof, Over 6 To 12, Add	*2.22*	
		For 140 MPH Wind Load, Add	*1.07*	
		For Up To 1,500, Add	*5.96*	
		For Up To 5000, Add	*2.38*	
		For > 5000 To 10000, Add	*0.60*	
		For Panels < 16" Wide, Add	*2.56*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	27.25	2.96
		For Steep Roof, Over 6 To 12, Add	*2.22*	
		For 140 MPH Wind Load, Add	*1.14*	
		For Up To 1,500, Add	*6.81*	
		For Up To 5000, Add	*2.73*	
		For > 5000 To 10000, Add	*0.68*	
		For Panels < 16" Wide, Add	*2.73*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	31.63	2.96
		For Steep Roof, Over 6 To 12, Add	*2.22*	
		For 140 MPH Wind Load, Add	*1.22*	
		For Up To 1,500, Add	*7.91*	
		For Up To 5000, Add	*3.16*	
		For > 5000 To 10000, Add	*0.79*	
		For Panels < 16" Wide, Add	*2.95*	

07 41 13 00-0060 Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	63.72	2.70
		For Steep Roof, Over 6 To 12, Add	*3.24*	
		For 140 MPH Wind Load, Add	*2.14*	
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	34.45	1.77
		For Steep Roof, Over 6 To 12, Add	*2.15*	
		For 140 MPH Wind Load, Add	*1.26*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	87.86	2.70
		For Steep Roof, Over 6 To 12, Add	*3.21*	
		For 140 MPH Wind Load, Add	*2.61*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	65.64	2.70
		For Steep Roof, Over 6 To 12, Add	*3.24*	
		For 140 MPH Wind Load, Add	*2.18*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*			
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat		0.44	
		For Steep Roof, Over 7 To 12, Add		*0.06*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.		0.67	
		For Steep Roof, Over 7 To 12, Add		*0.06*	
07 41 33		**Plastic Roof Panels** *(07 41)*			
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*			
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*			
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide		5.68	2.05
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide		5.39	1.84
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide		5.85	2.05
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide		5.53	1.84
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*			
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim		3.55	1.54
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim		4.88	1.54
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket		5.27	1.54
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket		4.23	1.54
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*			
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*			
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel		6.07	1.64
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel		6.97	1.64
07 42		Wall Panels *(07 40)*			
07 42 13		**Metal Wall Panels** *(07 42)*			
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*			
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.			
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement		20.14	3.73
		For Non-Insulated Panels, Deduct		*-3.16*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement		21.80	4.19
		For Non-Insulated Panels, Deduct		*-3.37*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement		23.32	4.66
		For Non-Insulated Panels, Deduct		*-3.59*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement		24.94	4.85
		For Non-Insulated Panels, Deduct		*-3.81*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement		28.29	5.31
		For Non-Insulated Panels, Deduct		*-4.43*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement		32.89	5.87
		For Non-Insulated Panels, Deduct		*-5.31*	
07 42 63		**Fabricated Wall Panel Assemblies** *(07 42)*			
07 42 63 00-0001		Insulated Freezer And Chiller Panels *(07 42 63)* Note: Excludes suspension system for ceiling support.			
07 42 63 00-0002		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With 22 gauge galvanized sheet metal face excludes painting.			
07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces		23.95	1.64
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces		25.42	1.64
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces		30.44	1.64
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces		33.00	1.75
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces		35.09	1.75
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)		21.50	1.35
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)		23.48	1.35
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)		28.47	1.45
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)		27.56	1.45
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)		32.57	1.45
07 42 63 00-0013		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With .040 aluminum baked enamel finish.			
07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces		10.35	1.64
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces		10.99	1.64
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces		12.69	1.64
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces		13.76	1.75
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces		14.52	1.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.23	1.35
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.88	1.35
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.58	1.45
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.28	1.45
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.33	1.45

07 42 63 00-0024 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 63)*

Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.

07 42 63 00-0025	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	20.27	2.14
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 63 00-0026	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	22.66	2.42
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 63 00-0027	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	24.68	2.75
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 63 00-0028	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	27.33	3.63
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 93 Soffit Panels *(07 42)*

07 42 93 00-0001 Aluminum Soffit And Fascia *(07 42 93)*

Note: Excludes J-channel.

07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.02	1.30
		For 0.015" Thick, Deduct	*-0.10*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.08	1.38
		For 0.015" Thick, Deduct	*-0.17*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.62	1.41
		For 0.015" Thick, Deduct	*-0.20*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	7.16	1.49
		For 0.015" Thick, Deduct	*-0.29*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.85	1.63
		For 0.015" Thick, Deduct	*-0.39*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	11.97	1.79
		For 0.015" Thick, Deduct	*-0.61*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	15.12	1.98
		For 0.015" Thick, Deduct	*-0.80*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	18.31	2.17
		For 0.015" Thick, Deduct	*-1.02*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	4.84	1.27
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	5.34	1.30
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	6.36	1.35
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	7.44	1.38

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*

Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	9.30	3.18
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	9.40	3.18
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	9.57	3.18

07 46 16 00-0005 Aluminum Siding Panels *(07 46 16)*

07 46 16 00-0006 Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	6.53	1.86
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	6.77	1.86
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	7.53	1.86
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	9.01	1.86

07 46 16 00-0011 V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	8.95	1.86
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	9.94	1.86
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	12.29	1.86

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0015		Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*			
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.			
07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel		9.37	1.86
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel		10.33	1.86
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel		10.92	1.86
07 46 16 00-0019		Aluminum Siding Accessories *(07 46 16)*			
07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel		3.06	1.22
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel		3.06	1.22
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel		3.70	1.22
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel		3.47	1.22
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel		3.47	1.22
07 46 19		**Steel Siding** *(07 46)*			
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.			
07 46 19 00-0001		Steel Siding Panels *(07 46 19)*			
07 46 19 00-0002		Corrugated Steel Siding Panels *(07 46 19 00-0001)*			
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.			
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel		11.03	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.83*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel		10.09	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.59*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel		9.85	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.53*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel		7.09	1.86
		For Galvanized Instead Of Painted Steel, Add		*0.84*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel		6.89	1.86
		For Galvanized Instead Of Painted Steel, Add		*0.79*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel		6.76	1.86
		For Galvanized Instead Of Painted Steel, Add		*0.76*	
07 46 19 00-0009		Box Ribbed Steel Siding Panels *(07 46 19 00-0001)*			
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.			
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel		10.31	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.65*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel		9.89	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.54*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel		9.61	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.47*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel		9.14	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.36*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel		8.13	1.86
		For Galvanized Instead Of Painted Steel, Add		*1.10*	
07 46 19 00-0015		Clapboard Steel Siding Panels *(07 46 19 00-0001)*			
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.			
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel		8.97	0.93
07 46 23		**Wood Siding** *(07 46)*			
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.			
07 46 23 00-0001		Wood Lap Siding *(07 46 23)*			
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding		3.64	1.35
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding		4.15	1.43
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding		4.68	1.52
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade		3.92	1.35
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better		4.40	1.35
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding		5.43	1.35
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding		5.83	1.35
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding		5.26	1.35
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin		4.58	1.43
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic		4.58	1.43
07 46 23 00-0012		Tongue And Groove Siding *(07 46 23)*			
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding		3.64	1.35
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding		4.07	1.35
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding		3.74	1.35
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding		4.32	1.35
07 46 29		**Plywood Siding** *(07 46)*			
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 29 00-0001		T-111 Siding *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	3.60	0.66
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding *(07 46 33)*		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels *(07 46 33 00-0001)*		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.33	1.60
		For 0.040" Thick, Deduct	*-0.15*	
		For 0.042" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.90*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.14	1.51
		For 0.040" Thick, Deduct	*-0.15*	
		For 0.042" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.90*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.99	1.44
		For 0.040" Thick, Deduct	*-0.15*	
		For 0.042" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.90*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.85	1.37
		For 0.040" Thick, Deduct	*-0.15*	
		For 0.042" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.90*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.67	1.27
		For 0.040" Thick, Deduct	*-0.15*	
		For 0.042" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.90*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0009		Vertical Vinyl Siding Panels *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	5.20	1.60
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0011		Vinyl Siding Accessories *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	5.32	1.22
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	9.70	1.22
		For Manufacturer's Custom Colors, Add	*0.36*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	4.22	1.22
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	5.14	1.22
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	3.13	1.22
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	2.92	1.22
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	2.87	1.22
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.01	1.22
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	3.58	1.22
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	3.90	1.22
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	4.35	1.22
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	2.97	1.22
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	6.76	1.69
		For Manufacturer's Custom Colors, Add	*0.17*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	7.06	1.69
		For Manufacturer's Custom Colors, Add	*0.18*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	7.74	1.69
		For Manufacturer's Custom Colors, Add	*0.22*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	4.04	1.22
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	5.01	1.22
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	4.31	1.22
		For Manufacturer's Custom Colors, Add	*0.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0030		Vinyl Soffit And Fascia *(07 46 33 00-0001)* Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.65	1.30
		For 0.038" Thick, Deduct	*-0.47*	
		For 0.040" Thick, Deduct	*-0.38*	
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.47	1.38
		For 0.038" Thick, Deduct	*-0.79*	
		For 0.040" Thick, Deduct	*-0.66*	
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.89	1.41
		For 0.038" Thick, Deduct	*-0.93*	
		For 0.040" Thick, Deduct	*-0.78*	
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.07	1.49
		For 0.038" Thick, Deduct	*-1.42*	
		For 0.040" Thick, Deduct	*-1.19*	
		For Manufacturer's Custom Colors, Add	*0.16*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.39	1.63
		For 0.038" Thick, Deduct	*-1.88*	
		For 0.040" Thick, Deduct	*-1.59*	
		For Manufacturer's Custom Colors, Add	*0.21*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.78	1.79
		For 0.038" Thick, Deduct	*-2.83*	
		For 0.040" Thick, Deduct	*-2.37*	
		For Manufacturer's Custom Colors, Add	*0.31*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	12.19	1.98
		For 0.038" Thick, Deduct	*-3.78*	
		For 0.040" Thick, Deduct	*-3.18*	
		For Manufacturer's Custom Colors, Add	*0.41*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	14.66	2.17
		For 0.038" Thick, Deduct	*-4.73*	
		For 0.040" Thick, Deduct	*-3.98*	
		For Manufacturer's Custom Colors, Add	*0.52*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	3.80	1.27
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	4.22	1.30
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	4.18	1.35
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	4.77	1.38
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	5.78	1.88
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	6.16	1.69
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	6.85	1.69
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	5.54	1.69
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	6.16	1.69
07 46 46		**Fiber-Cement Siding** *(07 46)* Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.18	1.98
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.88	1.88
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.76	1.83
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.62	1.78
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.39	1.69
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.15	1.60
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.36	0.47
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	10.32	1.74
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	4.58	1.41
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.97	0.94
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.88	1.03
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.74	1.13
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	6.34	1.31
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.15	0.94
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.15	1.03
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	5.19	1.13
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.35	1.31
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.37	0.94
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.56	1.03
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.78	1.13
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	7.84	1.31
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	6.32	1.86
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	8.26	2.07
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	9.55	2.07
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	13.10	2.43
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	6.41	1.35
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	6.89	1.35

07 46 63 Fabricated Panel Assemblies with Siding *(07 46)*

07 46 63 00-0001 Metal Liner Panels *(07 46 63)*

07 46 63 00-0002 Galvanized Metal Liner Panels *(07 46 63 00-0001)*

07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	9.60	1.54
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.66	1.54
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.52	1.54
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.72	1.54

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	100.76
		For Up To 10, Add	*26.68*
		For >10 To 20, Add	*14.97*
		For >20 To 40, Add	*8.30*
		For >75 To 100, Deduct	*-4.15*
		For >100 To 200, Deduct	*-9.12*
		For >200, Deduct	*-13.27*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	278.27
		For Up To 10, Add	*62.18*
		For >10 To 20, Add	*32.72*
		For >20 To 40, Add	*17.18*
		For >75 To 100, Deduct	*-8.59*
		For >100 To 200, Deduct	*-17.99*
		For >200, Deduct	*-26.58*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	6.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	74.40	
		For Up To 10, Add	*21.54*	
		For >10 To 20, Add	*12.44*	
		For >20 To 40, Add	*7.05*	
		For >75 To 100, Deduct	*-3.53*	
		For >100 To 200, Deduct	*-7.89*	
		For >200, Deduct	*-11.41*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	79.46	
		For Up To 10, Add	*22.56*	
		For >10 To 20, Add	*12.94*	
		For >20 To 40, Add	*7.31*	
		For >75 To 100, Deduct	*-3.65*	
		For >100 To 200, Deduct	*-8.14*	
		For >200, Deduct	*-11.79*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	85.21	
		For Up To 10, Add	*23.71*	
		For >10 To 20, Add	*13.52*	
		For >20 To 40, Add	*7.59*	
		For >75 To 100, Deduct	*-3.80*	
		For >100 To 200, Deduct	*-8.43*	
		For >200, Deduct	*-12.22*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	148.99	
		For Up To 10, Add	*36.46*	
		For >10 To 20, Add	*19.90*	
		For >20 To 40, Add	*10.78*	
		For >75 To 100, Deduct	*-5.39*	
		For >100 To 200, Deduct	*-11.61*	
		For >200, Deduct	*-17.01*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	251.91	
		For Up To 10, Add	*57.05*	
		For >10 To 20, Add	*30.19*	
		For >20 To 40, Add	*15.93*	
		For >75 To 100, Deduct	*-7.96*	
		For >100 To 200, Deduct	*-16.76*	
		For >200, Deduct	*-24.72*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	191.07	
		For Up To 10, Add	*45.51*	
		For >10 To 20, Add	*24.58*	
		For >20 To 40, Add	*13.20*	
		For >75 To 100, Deduct	*-6.60*	
		For >100 To 200, Deduct	*-14.11*	
		For >200, Deduct	*-20.71*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	4.26	

07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes fasteners.

07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	77.98	
		For Up To 10, Add	*18.86*	
		For >10 To 20, Add	*10.24*	
		For >20 To 40, Add	*5.53*	
		For >75 To 100, Deduct	*-2.77*	
		For >100 To 200, Deduct	*-5.94*	
		For >200, Deduct	*-8.70*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	147.52	
		For Up To 10, Add	*32.77*	
		For >10 To 20, Add	*17.20*	
		For >20 To 40, Add	*9.01*	
		For >75 To 100, Deduct	*-4.50*	
		For >100 To 200, Deduct	*-9.41*	
		For >200, Deduct	*-13.92*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	250.44	
		For Up To 10, Add	*53.35*	
		For >10 To 20, Add	*27.49*	
		For >20 To 40, Add	*14.15*	
		For >75 To 100, Deduct	*-7.08*	
		For >100 To 200, Deduct	*-14.56*	
		For >200, Deduct	*-21.64*	

07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	5.14	

07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0027		**Cold Adhesive Applied, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	97.59	
		For Up To 10, Add	*26.05*	
		For >10 To 20, Add	*14.66*	
		For >20 To 40, Add	*8.14*	
		For >75 To 100, Deduct	*-4.07*	
		For >100 To 200, Deduct	*-8.96*	
		For >200, Deduct	*-13.03*	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	110.64	
		For Up To 10, Add	*28.66*	
		For >10 To 20, Add	*15.96*	
		For >20 To 40, Add	*8.80*	
		For >75 To 100, Deduct	*-4.40*	
		For >100 To 200, Deduct	*-9.61*	
		For >200, Deduct	*-14.01*	
07 51 13 00-0030		**Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	71.23	
		For Up To 10, Add	*20.91*	
		For >10 To 20, Add	*12.12*	
		For >20 To 40, Add	*6.89*	
		For >75 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-7.73*	
		For >200, Deduct	*-11.17*	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	84.28	
		For Up To 10, Add	*23.52*	
		For >10 To 20, Add	*13.43*	
		For >20 To 40, Add	*7.55*	
		For >75 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-8.38*	
		For >200, Deduct	*-12.15*	
07 51 13 00-0033		**Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	35.74	
		For Up To 10, Add	*10.41*	
		For >10 To 20, Add	*6.02*	
		For >20 To 40, Add	*3.42*	
		For >75 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-3.83*	
		For >200, Deduct	*-5.53*	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	48.79	
		For Up To 10, Add	*13.02*	
		For >10 To 20, Add	*7.33*	
		For >20 To 40, Add	*4.07*	
		For >75 To 100, Deduct	*-2.04*	
		For >100 To 200, Deduct	*-4.48*	
		For >200, Deduct	*-6.51*	
07 51 13 00-0036		**Surfacing** *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	158.44	
		For Up To 10, Add	*48.01*	
		For >10 To 20, Add	*28.09*	
		For >20 To 40, Add	*16.09*	
		For >75 To 100, Deduct	*-8.04*	
		For >100 To 200, Deduct	*-18.13*	
		For >200, Deduct	*-26.17*	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	235.25	
		For Up To 10, Add	*63.38*	
		For >10 To 20, Add	*35.77*	
		For >20 To 40, Add	*19.93*	
		For >75 To 100, Deduct	*-9.96*	
		For >100 To 200, Deduct	*-21.97*	
		For >200, Deduct	*-31.93*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	169.55	
		Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	48.32	
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
		For Up To 10, Add	*11.82*	
		For >10 To 20, Add	*6.45*	
		For >20 To 40, Add	*3.49*	
		For >75 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-3.76*	
		For >200, Deduct	*-5.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	114.03	
		Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
		For Up To 10, Add	*26.72*	
		For >10 To 20, Add	*14.34*	
		For >20 To 40, Add	*7.66*	
		For >75 To 100, Deduct	*-3.83*	
		For >100 To 200, Deduct	*-8.15*	
		For >200, Deduct	*-11.98*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat	101.33	
		Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
		For Up To 10, Add	*24.18*	
		For >10 To 20, Add	*13.07*	
		For >20 To 40, Add	*7.03*	
		For >75 To 100, Deduct	*-3.51*	
		For >100 To 200, Deduct	*-7.52*	
		For >200, Deduct	*-11.03*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	135.99	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For Up To 10, Add	*31.12*	
		For >10 To 20, Add	*16.54*	
		For >20 To 40, Add	*8.76*	
		For >75 To 100, Deduct	*-4.38*	
		For >100 To 200, Deduct	*-9.25*	
		For >200, Deduct	*-13.63*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat	137.12	
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*31.34*	
		For >10 To 20, Add	*16.65*	
		For >20 To 40, Add	*8.82*	
		For >75 To 100, Deduct	*-4.41*	
		For >100 To 200, Deduct	*-9.30*	
		For >200, Deduct	*-13.71*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*40.74*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat	141.79	
		Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*32.28*	
		For >10 To 20, Add	*17.12*	
		For >20 To 40, Add	*9.05*	
		For >75 To 100, Deduct	*-4.52*	
		For >100 To 200, Deduct	*-9.54*	
		For >200, Deduct	*-14.06*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*42.29*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast	2.25	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast	4.16	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	36.70	

07 51 13 00-0049 Walkway Pads *(07 51 13 00-0001)*

Note: Set in hot asphalt or cold adhesive.

07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	28.54	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	34.01	

07 51 13 00-0052 Cant And Tapered Edge Strips *(07 51 13 00-0001)*

07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	3.90	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	4.03	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	4.63	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.31	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	4.54	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	4.37	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	5.06	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	5.24	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	5.95	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	5.89	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	7.18	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	8.11	

07 51 13 00-0065 Asphalt Primer *(07 51 13 00-0001)*

07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems	33.96	
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0067		**Demolish Built-Up Roofing** *(07 51 13 00-0001)* Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System		342.86
		For Up To 10, Add		*84.97*
		For >10 To 25, Add		*50.98*
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.		264.49
		For Up To 10, Add		*65.55*
		For >10 To 25, Add		*39.33*
07 51 13 00-0070		**Roofing System Warranty** *(07 51 13 00-0001)* Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		588.10
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		8.40
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		672.12
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		13.44
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		924.16
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty		18.48
07 51 13 00-0077		**Built-Up Roofing Components (Garland)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078		**Modified Cap Membranes** *(07 51 13 00-0077)*		
07 51 13 00-0079		**Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil		671.63
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil		480.23
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil		594.80
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials		618.12
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil		860.97
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil		967.99
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.		406.29
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil		512.48
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil		313.05
07 51 13 00-0089		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		607.83
07 51 13 00-0091		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.		748.48
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil		814.33
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil		858.23
07 51 13 00-0095		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0096	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil		690.39
07 51 13 00-0097	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil		1,091.47
07 51 13 00-0098	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil		888.42
07 51 13 00-0099		**Base Ply** *(07 51 13 00-0077)* Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0100	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil		614.01	
07 51 13 00-0101	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil		385.56	
07 51 13 00-0102	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		87.99	
07 51 13 00-0103	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil Note: Inner ply felts for hot applied built up and modified BUR systems.		58.08	
07 51 13 00-0104	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil		70.83	
07 51 13 00-0105	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil		77.00	
07 51 13 00-0106	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		120.32	
07 51 13 00-0107	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil		391.30	
07 51 13 00-0108	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil Note: Self adhering base ply for self adhering 2 ply system.		336.87	
07 51 13 00-0109	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil		342.49	
07 51 13 00-0110	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil		284.18	
07 51 13 00-0111	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric		4.81	
07 51 13 00-0112	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems		13.64	
07 51 13 00-0113	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems		67.74	
07 51 13 00-0114	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems		6.29	
07 51 13 00-0115	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems		4.53	
07 51 13 00-0116	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems		5.34	
07 51 13 00-0117	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications		148.63	
07 51 13 00-0118		Coatings And Mastics For Roof Installation, Restoration And Repairs *(07 51 13 00-0077)*			
07 51 13 00-0119	SQ	Water Based Roof Primer, GarlaPrime VOC Primer		42.26	
07 51 13 00-0120	SQ	Black-Knight® Primer		39.03	
07 51 13 00-0121	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply		163.33	
07 51 13 00-0122	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)		172.36	
07 51 13 00-0123	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)		274.56	
07 51 13 00-0124	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply		444.16	
07 51 13 00-0125	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat		456.20	
07 51 13 00-0126	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)		212.78	
07 51 13 00-0127	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration		351.96	
07 51 13 00-0128	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)		545.26	
07 51 13 00-0129	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration		906.25	
07 51 13 00-0130	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply		378.93	
07 51 13 00-0131	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat		390.97	
07 51 13 00-0132	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only		833.08	
07 51 13 00-0133	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only		359.75	
07 51 13 00-0134	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply		175.01	
07 51 13 00-0135	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat		187.05	
07 51 13 00-0136	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel		162.16	
07 51 13 00-0137	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers		151.26	
07 51 13 00-0138	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products Note: Adheres all insulation layers for cold systems.		18.52	
07 51 13 00-0139	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required		185.45	
07 51 13 00-0140	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System		179.74	
07 51 13 00-0141	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh		22.30	
07 51 13 00-0142	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat		240.35	
07 51 13 00-0143	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric		1,368.55	
07 51 13 00-0144	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)		305.22	
07 51 13 00-0145	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel		372.99	
07 51 13 00-0146	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply		138.16	
07 51 13 00-0147	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System		447.72	
07 51 13 00-0148	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		137.11	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	185.85	
		For Up To 10, Add	*43.70*	
		For >10 To 20, Add	*23.48*	
		For >20 To 40, Add	*12.56*	
		For >75 To 100, Deduct	*-6.28*	
		For >100 To 200, Deduct	*-13.37*	
		For >200, Deduct	*-19.65*	
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	226.38	
		For Up To 10, Add	*51.81*	
		For >10 To 20, Add	*27.54*	
		For >20 To 40, Add	*14.58*	
		For >75 To 100, Deduct	*-7.29*	
		For >100 To 200, Deduct	*-15.40*	
		For >200, Deduct	*-22.69*	
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	355.79	
		For Up To 10, Add	*77.69*	
		For >10 To 20, Add	*40.48*	
		For >20 To 40, Add	*21.05*	
		For >75 To 100, Deduct	*-10.53*	
		For >100 To 200, Deduct	*-21.87*	
		For >200, Deduct	*-32.40*	
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	358.89	
		For Up To 10, Add	*78.93*	
		For >10 To 20, Add	*41.25*	
		For >20 To 40, Add	*21.52*	
		For >75 To 100, Deduct	*-10.76*	
		For >100 To 200, Deduct	*-22.41*	
		For >200, Deduct	*-33.17*	
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	256.68	
		For Up To 10, Add	*58.49*	
		For >10 To 20, Add	*31.03*	
		For >20 To 40, Add	*16.41*	
		For >75 To 100, Deduct	*-8.20*	
		For >100 To 200, Deduct	*-17.30*	
		For >200, Deduct	*-25.51*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	297.67	
		For Up To 10, Add	*66.68*	
		For >10 To 20, Add	*35.13*	
		For >20 To 40, Add	*18.46*	
		For >75 To 100, Deduct	*-9.23*	
		For >100 To 200, Deduct	*-19.35*	
		For >200, Deduct	*-28.58*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	409.37	
		For Up To 10, Add	*89.02*	
		For >10 To 20, Add	*46.30*	
		For >20 To 40, Add	*24.04*	
		For >75 To 100, Deduct	*-12.02*	
		For >100 To 200, Deduct	*-24.94*	
		For >200, Deduct	*-36.96*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.17	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	7.94	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0001		Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*			
		Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.			
07 52 13 13-0002		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*			
07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied		133.92	
		For Up To 10, Add		*33.31*	
		For >10 To 20, Add		*18.29*	
		For >20 To 40, Add		*9.96*	
		For >75 To 100, Deduct		*-4.98*	
		For >100 To 200, Deduct		*-10.77*	
		For >200, Deduct		*-15.75*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied		174.46	
		For Up To 10, Add		*41.42*	
		For >10 To 20, Add		*22.34*	
		For >20 To 40, Add		*11.99*	
		For >75 To 100, Deduct		*-5.99*	
		For >100 To 200, Deduct		*-12.80*	
		For >200, Deduct		*-18.79*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied		209.84	
		For Up To 10, Add		*51.76*	
		For >10 To 20, Add		*28.33*	
		For >20 To 40, Add		*15.39*	
		For >75 To 100, Deduct		*-7.70*	
		For >100 To 200, Deduct		*-16.61*	
		For >200, Deduct		*-24.31*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied		220.22	
		For Up To 10, Add		*53.84*	
		For >10 To 20, Add		*29.37*	
		For >20 To 40, Add		*15.91*	
		For >75 To 100, Deduct		*-7.95*	
		For >100 To 200, Deduct		*-17.13*	
		For >200, Deduct		*-25.09*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied		304.42	
		For Up To 10, Add		*70.68*	
		For >10 To 20, Add		*37.79*	
		For >20 To 40, Add		*20.12*	
		For >75 To 100, Deduct		*-10.06*	
		For >100 To 200, Deduct		*-21.34*	
		For >200, Deduct		*-31.40*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		209.84	
		For Up To 10, Add		*51.76*	
		For >10 To 20, Add		*28.33*	
		For >20 To 40, Add		*15.39*	
		For >75 To 100, Deduct		*-7.70*	
		For >100 To 200, Deduct		*-16.61*	
		For >200, Deduct		*-24.31*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		222.82	
		For Up To 10, Add		*54.36*	
		For >10 To 20, Add		*29.63*	
		For >20 To 40, Add		*16.04*	
		For >75 To 100, Deduct		*-8.02*	
		For >100 To 200, Deduct		*-17.26*	
		For >200, Deduct		*-25.28*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		304.42	
		For Up To 10, Add		*70.68*	
		For >10 To 20, Add		*37.79*	
		For >20 To 40, Add		*20.12*	
		For >75 To 100, Deduct		*-10.06*	
		For >100 To 200, Deduct		*-21.34*	
		For >200, Deduct		*-31.40*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		218.02	
		For Up To 10, Add		*53.40*	
		For >10 To 20, Add		*29.15*	
		For >20 To 40, Add		*15.80*	
		For >75 To 100, Deduct		*-7.90*	
		For >100 To 200, Deduct		*-17.02*	
		For >200, Deduct		*-24.92*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		230.60	
		For Up To 10, Add		*55.92*	
		For >10 To 20, Add		*30.41*	
		For >20 To 40, Add		*16.43*	
		For >75 To 100, Deduct		*-8.21*	
		For >100 To 200, Deduct		*-17.65*	
		For >200, Deduct		*-25.87*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied		261.48	
		For Up To 10, Add		*62.09*	
		For >10 To 20, Add		*33.50*	
		For >20 To 40, Add		*17.97*	
		For >75 To 100, Deduct		*-8.99*	
		For >100 To 200, Deduct		*-19.20*	
		For >200, Deduct		*-28.18*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	265.24	
		For Up To 10, Add	*62.84*	
		For >10 To 20, Add	*33.87*	
		For >20 To 40, Add	*18.16*	
		For >75 To 100, Deduct	*-9.08*	
		For >100 To 200, Deduct	*-19.38*	
		For >200, Deduct	*-28.46*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	370.71	
		For Up To 10, Add	*83.94*	
		For >10 To 20, Add	*44.42*	
		For >20 To 40, Add	*23.43*	
		For >75 To 100, Deduct	*-11.72*	
		For >100 To 200, Deduct	*-24.66*	
		For >200, Deduct	*-36.37*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.08	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.21	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.02	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.29	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.63	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.69	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	198.55	
		For Up To 10, Add	*42.97*	
		For >10 To 20, Add	*22.30*	
		For >20 To 40, Add	*11.56*	
		For >75 To 100, Deduct	*-5.78*	
		For >100 To 200, Deduct	*-11.97*	
		For >200, Deduct	*-17.75*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	146.16	
		For Up To 10, Add	*35.76*	
		For >10 To 20, Add	*19.51*	
		For >20 To 40, Add	*10.57*	
		For >75 To 100, Deduct	*-5.29*	
		For >100 To 200, Deduct	*-11.39*	
		For >200, Deduct	*-16.68*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	191.17	
		For Up To 10, Add	*44.76*	
		For >10 To 20, Add	*24.01*	
		For >20 To 40, Add	*12.82*	
		For >75 To 100, Deduct	*-6.41*	
		For >100 To 200, Deduct	*-13.64*	
		For >200, Deduct	*-20.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	196.97	
		For Up To 10, Add	*45.92*	
		For >10 To 20, Add	*24.59*	
		For >20 To 40, Add	*13.11*	
		For >75 To 100, Deduct	*-6.56*	
		For >100 To 200, Deduct	*-13.93*	
		For >200, Deduct	*-20.49*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	268.76	
		For Up To 10, Add	*60.28*	
		For >10 To 20, Add	*31.77*	
		For >20 To 40, Add	*16.70*	
		For >75 To 100, Deduct	*-8.35*	
		For >100 To 200, Deduct	*-17.52*	
		For >200, Deduct	*-25.87*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	341.40	
		For Up To 10, Add	*74.81*	
		For >10 To 20, Add	*39.04*	
		For >20 To 40, Add	*20.34*	
		For >75 To 100, Deduct	*-10.17*	
		For >100 To 200, Deduct	*-21.15*	
		For >200, Deduct	*-31.32*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	284.28	
		For Up To 10, Add	*64.01*	
		For >10 To 20, Add	*33.79*	
		For >20 To 40, Add	*17.79*	
		For >75 To 100, Deduct	*-8.89*	
		For >100 To 200, Deduct	*-18.68*	
		For >200, Deduct	*-27.58*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	292.09	
		For Up To 10, Add	*65.57*	
		For >10 To 20, Add	*34.57*	
		For >20 To 40, Add	*18.18*	
		For >75 To 100, Deduct	*-9.09*	
		For >100 To 200, Deduct	*-19.07*	
		For >200, Deduct	*-28.16*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	255.51	
		For Up To 10, Add	*58.25*	
		For >10 To 20, Add	*30.91*	
		For >20 To 40, Add	*16.35*	
		For >75 To 100, Deduct	*-8.18*	
		For >100 To 200, Deduct	*-17.24*	
		For >200, Deduct	*-25.42*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	258.88	
		For Up To 10, Add	*58.93*	
		For >10 To 20, Add	*31.25*	
		For >20 To 40, Add	*16.52*	
		For >75 To 100, Deduct	*-8.26*	
		For >100 To 200, Deduct	*-17.41*	
		For >200, Deduct	*-25.67*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	290.02	
		For Up To 10, Add	*65.15*	
		For >10 To 20, Add	*34.36*	
		For >20 To 40, Add	*18.08*	
		For >75 To 100, Deduct	*-9.04*	
		For >100 To 200, Deduct	*-18.97*	
		For >200, Deduct	*-28.01*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	295.21	
		For Up To 10, Add	*66.19*	
		For >10 To 20, Add	*34.88*	
		For >20 To 40, Add	*18.34*	
		For >75 To 100, Deduct	*-9.17*	
		For >100 To 200, Deduct	*-19.23*	
		For >200, Deduct	*-28.40*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	340.61	
		For Up To 10, Add	*75.27*	
		For >10 To 20, Add	*39.42*	
		For >20 To 40, Add	*20.61*	
		For >75 To 100, Deduct	*-10.30*	
		For >100 To 200, Deduct	*-21.50*	
		For >200, Deduct	*-31.80*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	423.33	
		For Up To 10, Add	*91.82*	
		For >10 To 20, Add	*47.70*	
		For >20 To 40, Add	*24.74*	
		For >75 To 100, Deduct	*-12.37*	
		For >100 To 200, Deduct	*-25.64*	
		For >200, Deduct	*-38.01*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	261.14	
		For Up To 10, Add	*59.38*	
		For >10 To 20, Add	*31.48*	
		For >20 To 40, Add	*16.63*	
		For >75 To 100, Deduct	*-8.32*	
		For >100 To 200, Deduct	*-17.53*	
		For >200, Deduct	*-25.84*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	269.26	
		For Up To 10, Add	*61.00*	
		For >10 To 20, Add	*32.29*	
		For >20 To 40, Add	*17.04*	
		For >75 To 100, Deduct	*-8.52*	
		For >100 To 200, Deduct	*-17.93*	
		For >200, Deduct	*-26.45*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	313.37	
		For Up To 10, Add	*69.82*	
		For >10 To 20, Add	*36.70*	
		For >20 To 40, Add	*19.24*	
		For >75 To 100, Deduct	*-9.62*	
		For >100 To 200, Deduct	*-20.14*	
		For >200, Deduct	*-29.76*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	314.41	
		For Up To 10, Add	*70.03*	
		For >10 To 20, Add	*36.80*	
		For >20 To 40, Add	*19.30*	
		For >75 To 100, Deduct	*-9.65*	
		For >100 To 200, Deduct	*-20.19*	
		For >200, Deduct	*-29.84*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	334.13	
		For Up To 10, Add	*73.98*	
		For >10 To 20, Add	*38.78*	
		For >20 To 40, Add	*20.28*	
		For >75 To 100, Deduct	*-10.14*	
		For >100 To 200, Deduct	*-21.18*	
		For >200, Deduct	*-31.32*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.50
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.14
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.17
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.54
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.99
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.82
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.20
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.28
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.73
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.92
		For Factory Applied White Reflective Surfacing, Add	*0.97*
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.54
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	12.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	119.80	
		For Up To 10, Add	*30.62*	
		For >10 To 20, Add	*16.98*	
		For >20 To 40, Add	*9.32*	
		For >75 To 100, Deduct	*-4.66*	
		For >100 To 200, Deduct	*-10.16*	
		For >200, Deduct	*-14.82*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	164.80	
		For Up To 10, Add	*39.62*	
		For >10 To 20, Add	*21.48*	
		For >20 To 40, Add	*11.57*	
		For >75 To 100, Deduct	*-5.79*	
		For >100 To 200, Deduct	*-12.41*	
		For >200, Deduct	*-18.19*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	170.61	
		For Up To 10, Add	*40.79*	
		For >10 To 20, Add	*22.06*	
		For >20 To 40, Add	*11.86*	
		For >75 To 100, Deduct	*-5.93*	
		For >100 To 200, Deduct	*-12.70*	
		For >200, Deduct	*-18.63*	
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	242.40	
		For Up To 10, Add	*55.14*	
		For >10 To 20, Add	*29.24*	
		For >20 To 40, Add	*15.45*	
		For >75 To 100, Deduct	*-7.73*	
		For >100 To 200, Deduct	*-16.29*	
		For >200, Deduct	*-24.01*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	315.04	
		For Up To 10, Add	*69.67*	
		For >10 To 20, Add	*36.50*	
		For >20 To 40, Add	*19.08*	
		For >75 To 100, Deduct	*-9.54*	
		For >100 To 200, Deduct	*-19.92*	
		For >200, Deduct	*-29.46*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	257.98	
		For Up To 10, Add	*58.89*	
		For >10 To 20, Add	*31.27*	
		For >20 To 40, Add	*16.55*	
		For >75 To 100, Deduct	*-8.27*	
		For >100 To 200, Deduct	*-17.46*	
		For >200, Deduct	*-25.73*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	265.79	
		For Up To 10, Add	*60.45*	
		For >10 To 20, Add	*32.05*	
		For >20 To 40, Add	*16.94*	
		For >75 To 100, Deduct	*-8.47*	
		For >100 To 200, Deduct	*-17.85*	
		For >200, Deduct	*-26.32*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	229.21	
		For Up To 10, Add	*53.14*	
		For >10 To 20, Add	*28.39*	
		For >20 To 40, Add	*15.11*	
		For >75 To 100, Deduct	*-7.55*	
		For >100 To 200, Deduct	*-16.02*	
		For >200, Deduct	*-23.57*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	232.58	
		For Up To 10, Add	*53.81*	
		For >10 To 20, Add	*28.73*	
		For >20 To 40, Add	*15.28*	
		For >75 To 100, Deduct	*-7.64*	
		For >100 To 200, Deduct	*-16.19*	
		For >200, Deduct	*-23.83*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	263.72	
		For Up To 10, Add	*60.04*	
		For >10 To 20, Add	*31.84*	
		For >20 To 40, Add	*16.83*	
		For >75 To 100, Deduct	*-8.42*	
		For >100 To 200, Deduct	*-17.75*	
		For >200, Deduct	*-26.16*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	268.91	
		For Up To 10, Add	*61.08*	
		For >10 To 20, Add	*32.36*	
		For >20 To 40, Add	*17.09*	
		For >75 To 100, Deduct	*-8.55*	
		For >100 To 200, Deduct	*-18.01*	
		For >200, Deduct	*-26.55*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	314.31	
		For Up To 10, Add	*70.16*	
		For >10 To 20, Add	*36.90*	
		For >20 To 40, Add	*19.36*	
		For >75 To 100, Deduct	*-9.68*	
		For >100 To 200, Deduct	*-20.28*	
		For >200, Deduct	*-29.96*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	397.03	
		For Up To 10, Add	*86.70*	
		For >10 To 20, Add	*45.18*	
		For >20 To 40, Add	*23.50*	
		For >75 To 100, Deduct	*-11.75*	
		For >100 To 200, Deduct	*-24.41*	
		For >200, Deduct	*-36.16*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	234.84	
		For Up To 10, Add	*54.26*	
		For >10 To 20, Add	*28.96*	
		For >20 To 40, Add	*15.39*	
		For >75 To 100, Deduct	*-7.70*	
		For >100 To 200, Deduct	*-16.30*	
		For >200, Deduct	*-24.00*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	242.96	
		For Up To 10, Add	*55.89*	
		For >10 To 20, Add	*29.77*	
		For >20 To 40, Add	*15.80*	
		For >75 To 100, Deduct	*-7.90*	
		For >100 To 200, Deduct	*-16.71*	
		For >200, Deduct	*-24.61*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	287.07	
		For Up To 10, Add	*64.71*	
		For >10 To 20, Add	*34.18*	
		For >20 To 40, Add	*18.00*	
		For >75 To 100, Deduct	*-9.00*	
		For >100 To 200, Deduct	*-18.91*	
		For >200, Deduct	*-27.91*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	288.11	
		For Up To 10, Add	*64.92*	
		For >10 To 20, Add	*34.28*	
		For >20 To 40, Add	*18.05*	
		For >75 To 100, Deduct	*-9.03*	
		For >100 To 200, Deduct	*-18.97*	
		For >200, Deduct	*-27.99*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	307.82	
		For Up To 10, Add	*68.86*	
		For >10 To 20, Add	*36.25*	
		For >20 To 40, Add	*19.04*	
		For >75 To 100, Deduct	*-9.52*	
		For >100 To 200, Deduct	*-19.95*	
		For >200, Deduct	*-29.47*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.37	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.00	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.04	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.35	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.40	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.85	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.68	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		4.06	
		For Factory Applied White Reflective Surfacing, Add		*0.97*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		4.14	
		For Factory Applied White Reflective Surfacing, Add		*0.97*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		4.51	
		For Factory Applied White Reflective Surfacing, Add		*0.97*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		4.79	
		For Factory Applied White Reflective Surfacing, Add		*0.97*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		6.40	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped		12.23	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied		246.17	
		For Up To 10, Add		*59.03*	
		For >10 To 20, Add		*31.96*	
		For >20 To 40, Add		*17.21*	
		For >75 To 100, Deduct		*-8.60*	
		For >100 To 200, Deduct		*-18.43*	
		For >200, Deduct		*-27.03*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		221.00	
		For Up To 10, Add		*54.00*	
		For >10 To 20, Add		*29.45*	
		For >20 To 40, Add		*15.95*	
		For >75 To 100, Deduct		*-7.97*	
		For >100 To 200, Deduct		*-17.17*	
		For >200, Deduct		*-25.15*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		250.58	
		For Up To 10, Add		*59.91*	
		For >10 To 20, Add		*32.41*	
		For >20 To 40, Add		*17.43*	
		For >75 To 100, Deduct		*-8.71*	
		For >100 To 200, Deduct		*-18.65*	
		For >200, Deduct		*-27.37*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		384.67	
		For Up To 10, Add		*86.73*	
		For >10 To 20, Add		*45.81*	
		For >20 To 40, Add		*24.13*	
		For >75 To 100, Deduct		*-12.07*	
		For >100 To 200, Deduct		*-25.36*	
		For >200, Deduct		*-37.42*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		229.46	
		For Up To 10, Add		*55.69*	
		For >10 To 20, Add		*30.29*	
		For >20 To 40, Add		*16.37*	
		For >75 To 100, Deduct		*-8.19*	
		For >100 To 200, Deduct		*-17.60*	
		For >200, Deduct		*-25.78*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		264.33	
		For Up To 10, Add		*62.66*	
		For >10 To 20, Add		*33.78*	
		For >20 To 40, Add		*18.11*	
		For >75 To 100, Deduct		*-9.06*	
		For >100 To 200, Deduct		*-19.34*	
		For >200, Deduct		*-28.40*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied		275.71	
		For Up To 10, Add		*65.14*	
		For >10 To 20, Add		*35.07*	
		For >20 To 40, Add		*18.78*	
		For >75 To 100, Deduct		*-9.39*	
		For >100 To 200, Deduct		*-20.03*	
		For >200, Deduct		*-29.42*	
		For Factory Applied White Reflective Surfacing, Add		*97.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	357.10	
		For Up To 10, Add	*81.42*	
		For >10 To 20, Add	*43.21*	
		For >20 To 40, Add	*22.85*	
		For >75 To 100, Deduct	*-11.43*	
		For >100 To 200, Deduct	*-24.10*	
		For >200, Deduct	*-35.53*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.51	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.49	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.83	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.66	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.73	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.55	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.73	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	11.38	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	153.83	
		For Up To 10, Add	*34.03*	
		For >10 To 20, Add	*17.83*	
		For >20 To 40, Add	*9.32*	
		For >75 To 100, Deduct	*-4.66*	
		For >100 To 200, Deduct	*-9.73*	
		For >200, Deduct	*-14.39*	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	118.33	
		For Up To 10, Add	*26.93*	
		For >10 To 20, Add	*14.28*	
		For >20 To 40, Add	*7.55*	
		For >75 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-7.96*	
		For >200, Deduct	*-11.73*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	153.28	
		For Up To 10, Add	*33.92*	
		For >10 To 20, Add	*17.77*	
		For >20 To 40, Add	*9.30*	
		For >75 To 100, Deduct	*-4.65*	
		For >100 To 200, Deduct	*-9.70*	
		For >200, Deduct	*-14.35*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	191.89	
		For Up To 10, Add	*41.64*	
		For >10 To 20, Add	*21.64*	
		For >20 To 40, Add	*11.23*	
		For >75 To 100, Deduct	*-5.61*	
		For >100 To 200, Deduct	*-11.63*	
		For >200, Deduct	*-17.25*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	240.92	
		For Up To 10, Add	*51.45*	
		For >10 To 20, Add	*26.54*	
		For >20 To 40, Add	*13.68*	
		For >75 To 100, Deduct	*-6.84*	
		For >100 To 200, Deduct	*-14.08*	
		For >200, Deduct	*-20.92*	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.02	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.09	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15		**Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*		
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)* Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*		
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	123.28	
		For Up To 10, Add	*28.57*	
		For >10 To 20, Add	*15.27*	
		For >20 To 40, Add	*8.12*	
		For >75 To 100, Deduct	*-4.06*	
		For >100 To 200, Deduct	*-8.61*	
		For >200, Deduct	*-12.67*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	130.64	
		For Up To 10, Add	*30.05*	
		For >10 To 20, Add	*16.00*	
		For >20 To 40, Add	*8.49*	
		For >75 To 100, Deduct	*-4.25*	
		For >100 To 200, Deduct	*-8.98*	
		For >200, Deduct	*-13.23*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	220.53	
		For Up To 10, Add	*48.32*	
		For >10 To 20, Add	*25.21*	
		For >20 To 40, Add	*13.13*	
		For >75 To 100, Deduct	*-6.57*	
		For >100 To 200, Deduct	*-13.66*	
		For >200, Deduct	*-20.23*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	263.65	
		For Up To 10, Add	*56.94*	
		For >10 To 20, Add	*29.52*	
		For >20 To 40, Add	*15.29*	
		For >75 To 100, Deduct	*-7.64*	
		For >100 To 200, Deduct	*-15.82*	
		For >200, Deduct	*-23.46*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	390.79	
		For Up To 10, Add	*82.37*	
		For >10 To 20, Add	*42.24*	
		For >20 To 40, Add	*21.65*	
		For >75 To 100, Deduct	*-10.82*	
		For >100 To 200, Deduct	*-22.17*	
		For >200, Deduct	*-32.99*	
		For Factory Applied White Reflective Surfacing, Add	*97.32*	
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.48	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.90	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	5.17	
		For Factory Applied White Reflective Surfacing, Add	*0.97*	
07 53		Elastomeric Membrane Roofing *(07 50)* Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 53 16		**Chlorosulfonate-Polyethylene Roofing** *(07 53)*		
07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)* Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	535.98	78.37
		For Up To 10, Add	*138.54*	
		For >10 To 20, Add	*77.11*	
		For >20 To 40, Add	*42.47*	
		For >75 To 100, Deduct	*-21.24*	
		For >100 To 200, Deduct	*-46.39*	
		For >200, Deduct	*-67.63*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	410.36	39.18
		For Up To 10, Add	*97.75*	
		For >10 To 20, Add	*52.79*	
		For >20 To 40, Add	*28.36*	
		For >75 To 100, Deduct	*-14.18*	
		For >100 To 200, Deduct	*-30.31*	
		For >200, Deduct	*-44.49*	
		For 15 Year Warranty, Add	*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	434.92	58.78
		For Up To 10, Add	*110.49*	
		For >10 To 20, Add	*61.12*	
		For >20 To 40, Add	*33.50*	
		For >75 To 100, Deduct	*-16.75*	
		For >100 To 200, Deduct	*-36.44*	
		For >200, Deduct	*-53.19*	
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*29.39*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.57*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	214.62	39.18
		For Up To 10, Add	*58.60*	
		For >10 To 20, Add	*33.22*	
		For >20 To 40, Add	*18.57*	
		For >75 To 100, Deduct	*-9.28*	
		For >100 To 200, Deduct	*-20.53*	
		For >200, Deduct	*-29.81*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	239.96	41.63
		For Up To 10, Add	*64.64*	
		For >10 To 20, Add	*36.49*	
		For >20 To 40, Add	*20.32*	
		For >75 To 100, Deduct	*-10.16*	
		For >100 To 200, Deduct	*-22.41*	
		For >200, Deduct	*-32.57*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	351.09	44.08
		For Up To 10, Add	*87.85*	
		For >10 To 20, Add	*48.33*	
		For >20 To 40, Add	*26.37*	
		For >75 To 100, Deduct	*-13.19*	
		For >100 To 200, Deduct	*-28.58*	
		For >200, Deduct	*-41.76*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	251.54	58.78
		For Up To 10, Add	*73.82*	
		For >10 To 20, Add	*42.79*	
		For >20 To 40, Add	*24.33*	
		For >75 To 100, Deduct	*-12.17*	
		For >100 To 200, Deduct	*-27.27*	
		For >200, Deduct	*-39.44*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Low VOC Adhesive, Add	*41.04*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*112.93*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	276.88	61.22
		For Up To 10, Add	*79.87*	
		For >10 To 20, Add	*46.06*	
		For >20 To 40, Add	*26.09*	
		For >75 To 100, Deduct	*-13.04*	
		For >100 To 200, Deduct	*-29.15*	
		For >200, Deduct	*-42.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Low VOC Adhesive, Add	*41.04*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*124.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	388.01	63.67
		For Up To 10, Add	*103.07*	
		For >10 To 20, Add	*57.90*	
		For >20 To 40, Add	*32.14*	
		For >75 To 100, Deduct	*-16.07*	
		For >100 To 200, Deduct	*-35.32*	
		For >200, Deduct	*-51.39*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Low VOC Adhesive, Add	*41.04*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*136.90*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	332.13	78.37
		For Up To 10, Add	*97.77*	
		For >10 To 20, Add	*56.72*	
		For >20 To 40, Add	*32.28*	
		For >75 To 100, Deduct	*-16.14*	
		For >100 To 200, Deduct	*-36.20*	
		For >200, Deduct	*-52.34*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For Low VOC Adhesive, Add	*102.60*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*112.93*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	357.48	80.81
		For Up To 10, Add	*103.82*	
		For >10 To 20, Add	*59.99*	
		For >20 To 40, Add	*34.04*	
		For >75 To 100, Deduct	*-17.02*	
		For >100 To 200, Deduct	*-38.08*	
		For >200, Deduct	*-55.10*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For Low VOC Adhesive, Add	*102.60*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*124.39*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	468.61	83.26
		For Up To 10, Add	*127.03*	
		For >10 To 20, Add	*71.84*	
		For >20 To 40, Add	*40.08*	
		For >75 To 100, Deduct	*-20.04*	
		For >100 To 200, Deduct	*-44.25*	
		For >200, Deduct	*-64.29*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Low VOC Adhesive, Add	*102.60*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Integral Polyester Fleece-Backing, Add	*136.90*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	238.97	58.78
		For Up To 10, Add	*71.30*	
		For >10 To 20, Add	*41.53*	
		For >20 To 40, Add	*23.70*	
		For >75 To 100, Deduct	*-11.85*	
		For >100 To 200, Deduct	*-26.64*	
		For >200, Deduct	*-38.49*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Mechanically Fastened To Concrete Decks, Add	*29.39*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	264.31	61.22
		For Up To 10, Add	*77.35*	
		For >10 To 20, Add	*44.80*	
		For >20 To 40, Add	*25.46*	
		For >75 To 100, Deduct	*-12.73*	
		For >100 To 200, Deduct	*-28.52*	
		For >200, Deduct	*-41.25*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*17.29*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Mechanically Fastened To Concrete Decks, Add	*30.61*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.79*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	375.44	63.67
		For Up To 10, Add	*100.56*	
		For >10 To 20, Add	*56.65*	
		For >20 To 40, Add	*31.51*	
		For >75 To 100, Deduct	*-15.75*	
		For >100 To 200, Deduct	*-34.69*	
		For >200, Deduct	*-50.44*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*7.82*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*74.62*	
		For Mechanically Fastened To Concrete Decks, Add	*31.84*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.02*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	65.34	
		For Up To 10, Add	*16.99*	
		For >10 To 20, Add	*9.47*	
		For >20 To 40, Add	*5.23*	
		For >75 To 100, Deduct	*-2.61*	
		For >100 To 200, Deduct	*-5.72*	
		For >200, Deduct	*-8.33*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	67.62	
		For Up To 10, Add	*17.44*	
		For >10 To 20, Add	*9.70*	
		For >20 To 40, Add	*5.34*	
		For >75 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-5.83*	
		For >200, Deduct	*-8.50*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	40.82	9.31
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	58.88	9.31
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	110.98	9.31
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	147.38	10.29
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	31.90	5.68
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.02	1.47
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	7.49	2.20

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	477.79	44.08
		For Up To 10, Add	*113.19*	
		For >10 To 20, Add	*61.00*	
		For >20 To 40, Add	*32.71*	
		For >75 To 100, Deduct	*-16.35*	
		For >100 To 200, Deduct	*-34.91*	
		For >200, Deduct	*-51.26*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	532.01	63.67
		For Up To 10, Add	*131.87*	
		For >10 To 20, Add	*72.30*	
		For >20 To 40, Add	*39.34*	
		For >75 To 100, Deduct	*-19.67*	
		For >100 To 200, Deduct	*-42.52*	
		For >200, Deduct	*-62.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	638.59	83.26
		For Up To 10, Add	*161.03*	
		For >10 To 20, Add	*88.84*	
		For >20 To 40, Add	*48.58*	
		For >75 To 100, Deduct	*-24.29*	
		For >100 To 200, Deduct	*-52.75*	
		For >200, Deduct	*-77.04*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	207.99	39.18
		For Up To 10, Add	*57.27*	
		For >10 To 20, Add	*32.55*	
		For >20 To 40, Add	*18.24*	
		For >75 To 100, Deduct	*-9.12*	
		For >100 To 200, Deduct	*-20.20*	
		For >200, Deduct	*-29.31*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	232.72	41.63
		For Up To 10, Add	*63.20*	
		For >10 To 20, Add	*35.76*	
		For >20 To 40, Add	*19.96*	
		For >75 To 100, Deduct	*-9.98*	
		For >100 To 200, Deduct	*-22.04*	
		For >200, Deduct	*-32.02*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	260.51	42.86
		For Up To 10, Add	*69.24*	
		For >10 To 20, Add	*38.91*	
		For >20 To 40, Add	*21.60*	
		For >75 To 100, Deduct	*-10.80*	
		For >100 To 200, Deduct	*-23.74*	
		For >200, Deduct	*-34.54*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	273.99	44.08
		For Up To 10, Add	*72.43*	
		For >10 To 20, Add	*40.62*	
		For >20 To 40, Add	*22.52*	
		For >75 To 100, Deduct	*-11.26*	
		For >100 To 200, Deduct	*-24.72*	
		For >200, Deduct	*-35.98*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	345.31	78.37
		For Up To 10, Add	*100.41*	
		For >10 To 20, Add	*58.04*	
		For >20 To 40, Add	*32.94*	
		For >75 To 100, Deduct	*-16.47*	
		For >100 To 200, Deduct	*-36.86*	
		For >200, Deduct	*-53.33*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*48.32*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	370.04	80.81
		For Up To 10, Add	*106.33*	
		For >10 To 20, Add	*61.25*	
		For >20 To 40, Add	*34.67*	
		For >75 To 100, Deduct	*-17.33*	
		For >100 To 200, Deduct	*-38.71*	
		For >200, Deduct	*-56.04*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*48.32*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	397.83	82.04
		For Up To 10, Add	*112.38*	
		For >10 To 20, Add	*64.40*	
		For >20 To 40, Add	*36.30*	
		For >75 To 100, Deduct	*-18.15*	
		For >100 To 200, Deduct	*-40.40*	
		For >200, Deduct	*-58.55*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*48.32*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	411.31	83.26
		For Up To 10, Add	*115.57*	
		For >10 To 20, Add	*66.11*	
		For >20 To 40, Add	*37.22*	
		For >75 To 100, Deduct	*-18.61*	
		For >100 To 200, Deduct	*-41.38*	
		For >200, Deduct	*-59.99*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*48.32*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	224.93	58.78
		For Up To 10, Add	*68.50*	
		For >10 To 20, Add	*40.13*	
		For >20 To 40, Add	*23.00*	
		For >75 To 100, Deduct	*-11.50*	
		For >100 To 200, Deduct	*-25.94*	
		For >200, Deduct	*-37.44*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
		For Mechanically Fastened To Concrete Decks, Add	*29.39*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.57*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	249.66	61.22
		For Up To 10, Add	*74.42*	
		For >10 To 20, Add	*43.33*	
		For >20 To 40, Add	*24.73*	
		For >75 To 100, Deduct	*-12.36*	
		For >100 To 200, Deduct	*-27.79*	
		For >200, Deduct	*-40.15*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
		For Mechanically Fastened To Concrete Decks, Add	*30.61*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	277.44	62.45
		For Up To 10, Add	*80.47*	
		For >10 To 20, Add	*46.48*	
		For >20 To 40, Add	*26.36*	
		For >75 To 100, Deduct	*-13.18*	
		For >100 To 200, Deduct	*-29.48*	
		For >200, Deduct	*-42.66*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
		For Mechanically Fastened To Concrete Decks, Add	*31.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.40*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	290.92	63.67
		For Up To 10, Add	*83.65*	
		For >10 To 20, Add	*48.19*	
		For >20 To 40, Add	*27.28*	
		For >75 To 100, Deduct	*-13.64*	
		For >100 To 200, Deduct	*-30.46*	
		For >200, Deduct	*-44.11*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*37.92*	
		For Mechanically Fastened To Concrete Decks, Add	*31.84*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.02*	
07 54 19 00-0014		Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*		
07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	65.34	
		For Up To 10, Add	*16.99*	
		For >10 To 20, Add	*9.47*	
		For >20 To 40, Add	*5.23*	
		For >75 To 100, Deduct	*-2.61*	
		For >100 To 200, Deduct	*-5.72*	
		For >200, Deduct	*-8.33*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	67.62	
		For Up To 10, Add	*17.44*	
		For >10 To 20, Add	*9.70*	
		For >20 To 40, Add	*5.34*	
		For >75 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-5.83*	
		For >200, Deduct	*-8.50*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.42	8.32
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	96.32	9.31
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	123.38	10.29
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	157.27	10.29
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	27.24	5.68
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	7.19	1.47
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	8.66	2.20
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	9.78	1.47
07 54 23		**Thermoplastic-Polyolefin Roofing** *(07 54)*		
07 54 23 00-0001		Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)* Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	313.21	78.37
		For Up To 10, Add	*93.99*	
		For >10 To 20, Add	*54.83*	
		For >20 To 40, Add	*31.33*	
		For >75 To 100, Deduct	*-15.67*	
		For >100 To 200, Deduct	*-35.25*	
		For >200, Deduct	*-50.92*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*102.60*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0003	SQ	50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	326.20	79.59
		Note: Includes adhesive.		
		For Up To 10, Add	*97.08*	
		For >10 To 20, Add	*56.50*	
		For >20 To 40, Add	*32.23*	
		For >75 To 100, Deduct	*-16.11*	
		For >100 To 200, Deduct	*-36.21*	
		For >200, Deduct	*-52.32*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*102.60*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	333.35	80.81
		Note: Includes adhesive.		
		For Up To 10, Add	*99.00*	
		For >10 To 20, Add	*57.58*	
		For >20 To 40, Add	*32.83*	
		For >75 To 100, Deduct	*-16.42*	
		For >100 To 200, Deduct	*-36.87*	
		For >200, Deduct	*-53.29*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*102.60*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	416.53	83.26
		Note: Includes adhesive.		
		For Up To 10, Add	*116.61*	
		For >10 To 20, Add	*66.63*	
		For >20 To 40, Add	*37.48*	
		For >75 To 100, Deduct	*-18.74*	
		For >100 To 200, Deduct	*-41.64*	
		For >200, Deduct	*-60.38*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*102.60*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	215.68	58.78
		Note: Includes fasteners.		
		For Up To 10, Add	*66.65*	
		For >10 To 20, Add	*39.20*	
		For >20 To 40, Add	*22.54*	
		For >75 To 100, Deduct	*-11.27*	
		For >100 To 200, Deduct	*-25.48*	
		For >200, Deduct	*-36.75*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*29.39*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.57*	
07 54 23 00-0007	SQ	50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	228.67	60.00
		Note: Includes fasteners.		
		For Up To 10, Add	*69.73*	
		For >10 To 20, Add	*40.87*	
		For >20 To 40, Add	*23.43*	
		For >75 To 100, Deduct	*-11.72*	
		For >100 To 200, Deduct	*-26.43*	
		For >200, Deduct	*-38.15*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*30.00*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.18*	
07 54 23 00-0008	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	235.81	61.22
		Note: Includes fasteners.		
		For Up To 10, Add	*71.65*	
		For >10 To 20, Add	*41.95*	
		For >20 To 40, Add	*24.04*	
		For >75 To 100, Deduct	*-12.02*	
		For >100 To 200, Deduct	*-27.10*	
		For >200, Deduct	*-39.11*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*30.61*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0009	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	318.98	63.67
		For Up To 10, Add	*89.27*	
		For >10 To 20, Add	*51.00*	
		For >20 To 40, Add	*28.68*	
		For >75 To 100, Deduct	*-14.34*	
		For >100 To 200, Deduct	*-31.87*	
		For >200, Deduct	*-46.21*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*31.84*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.02*	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	77.92	
		For Up To 10, Add	*19.50*	
		For >10 To 20, Add	*10.73*	
		For >20 To 40, Add	*5.86*	
		For >75 To 100, Deduct	*-2.93*	
		For >100 To 200, Deduct	*-6.34*	
		For >200, Deduct	*-9.27*	
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	67.62	
		For Up To 10, Add	*17.44*	
		For >10 To 20, Add	*9.70*	
		For >20 To 40, Add	*5.34*	
		For >75 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-5.83*	
		For >200, Deduct	*-8.50*	
		For Tan Or Gray Color, Add	*2.40*	
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	58.81	8.32
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	63.45	9.31
07 54 23 00-0015	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	117.26	10.29
07 54 23 00-0016	LF	30" Wide, TPO Walkway Protection Pad	26.90	5.68
07 54 23 00-0017	SF	Thermoplastic Polyolefin Membrane Base Flashing	7.52	1.47
07 54 23 00-0018	SF	Thermoplastic Polyolefin Curb Flashing	6.39	1.47
		For Tan Or Gray Color, Add	*0.10*	
07 54 23 00-0019	SF	Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	11.10	1.47

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	923.17	130.52
		For Each Additional Coat, Add	*138.48*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	911.86	137.56
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,020.07	153.62

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	410.11	78.82
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	486.50	78.82
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	543.95	78.82

07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

07 56 00 00-0011	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	1,571.26	78.82

07 56 00 00-0012 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0013	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	90.36	
07 56 00 00-0014	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.69	
07 56 00 00-0015	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	345.10	
07 56 00 00-0016	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	88.51	
07 56 00 00-0017	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	853.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 56 00 00-0018	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,291.94	
07 56 00 00-0019	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	883.12	
07 56 00 00-0020	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	226.71	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	285.28	47.78
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	338.68	51.18
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	392.08	54.60
07 57 13 00-0007	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	509.08	61.42
07 57 13 00-0008	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	605.64	68.25
07 57 13 00-0009	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	712.44	75.07
07 57 13 00-0010	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	819.22	81.89

07 57 13 00-0011 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0012	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	293.23	47.78
07 57 13 00-0013	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	346.63	51.18
07 57 13 00-0014	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	400.03	54.60
07 57 13 00-0015	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	506.81	61.42
07 57 13 00-0016	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	613.59	68.25
07 57 13 00-0017	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	720.39	75.07
07 57 13 00-0018	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	827.17	81.89

07 57 13 00-0019 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0020	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	312.54	47.78
07 57 13 00-0021	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	364.23	51.18
07 57 13 00-0022	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	415.93	54.60
07 57 13 00-0023	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	522.71	61.42
07 57 13 00-0024	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	671.97	68.25
07 57 13 00-0025	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	787.39	75.07
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	902.81	81.89

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0028		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0029	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	318.22	47.78
07 57 13 00-0030	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	375.93	51.18
07 57 13 00-0031	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	433.64	54.60
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	549.06	61.42
07 57 13 00-0033	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	664.47	68.25
07 57 13 00-0034	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	779.90	75.07
07 57 13 00-0035	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	895.31	81.89
07 57 13 00-0036		Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0037	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	329.46	47.78
07 57 13 00-0038	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	387.17	51.18
07 57 13 00-0039	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	444.89	54.60
07 57 13 00-0040	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	560.30	61.42
07 57 13 00-0041	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	675.71	68.25
07 57 13 00-0042	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	791.14	75.07
07 57 13 00-0043	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	906.55	81.89
07 57 13 00-0044		Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0045	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	338.21	47.78
07 57 13 00-0046	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	395.92	51.18
07 57 13 00-0047	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	453.63	54.60
07 57 13 00-0048	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	569.05	61.42
07 57 13 00-0049	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	684.46	68.25
07 57 13 00-0050	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	799.88	75.07
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	915.30	81.89
07 58		**Roll Roofing** *(07 50)*		
07 58 00 00-0001		Prepared Roll Roofing *(07 58)* Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.		
07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	221.66	30.71
07 59		**Membrane Roofing Termination Bar** *(07 50)*		
07 59 00 00-0001		Membrane Roofing Termination Bar *(07 59)*		
07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	4.53	1.41
07 60		**Flashing and Sheet Metal** *(07)*		
07 61		**Sheet Metal Roofing** *(07 60)*		
07 61 13		**Standing Seam Sheet Metal Roofing** *(07 61)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	25.35	2.87
		For Steep Roof, Over 6 To 12, Add	*1.72*	
		For 140 MPH Wind Load, Add	*0.97*	
		For Up To 1,500, Add	*6.34*	
		For Panels < 16" Wide, Add	*2.33*	
		For Up To 5000, Add	*2.54*	
		For > 5000 To 10000, Add	*0.63*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	27.75	3.11
		For Steep Roof, Over 6 To 12, Add	*1.86*	
		For Panels <16" Wide, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.05*	
		For Up To 1,500, Add	*6.94*	
		For >1,500 To 5,000, Add	*4.16*	
		For >5,000 To 10,000, Add	*0.69*	
		For Panels < 16" Wide, Add	*2.54*	
		For Up To 5000, Add	*2.78*	
		For > 5000 To 10000, Add	*0.69*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	32.61	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For 140 MPH Wind Load, Add	*1.19*	
		For Up To 1,500, Add	*8.15*	
		For Panels < 16" Wide, Add	*2.88*	
		For Up To 5000, Add	*3.26*	
		For > 5000 To 10000, Add	*0.82*	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	29.56	3.11
		For Steep Roof, Over 6 To 12, Add	*1.86*	
		For Panels <16" Wide, Add	*2.63*	
		For 140 MPH Wind Load, Add	*1.09*	
		For Up To 1,500, Add	*7.39*	
		For >1,500 To 5,000, Add	*4.43*	
		For >5,000 To 10,000, Add	*0.74*	
		For Tin/Copper, Deduct	*-0.47*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	35.66	3.24
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For Panels <16" Wide, Add	*2.98*	
		For 140 MPH Wind Load, Add	*1.23*	
		For Up To 1,500, Add	*8.92*	
		For >1,500 To 5,000, Add	*5.35*	
		For >5,000 To 10,000, Add	*0.89*	
		For Tin/Copper, Deduct	*-0.58*	
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	40.46	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For Panels <16" Wide, Add	*3.28*	
		For 140 MPH Wind Load, Add	*1.35*	
		For Up To 1,500, Add	*10.12*	
		For >1,500 To 5,000, Add	*6.07*	
		For >5,000 To 10,000, Add	*1.01*	
		For Tin/Copper, Deduct	*-0.67*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	50.54	3.55
		For Steep Roof, Over 6 To 12, Add	*2.13*	
		For Panels <16" Wide, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.58*	
		For Up To 1,500, Add	*12.64*	
		For >1,500 To 5,000, Add	*7.58*	
		For >5,000 To 10,000, Add	*1.26*	
		For Tin/Copper, Deduct	*-0.87*	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	105.17	5.92
		For Steep Roof, Over 6 To 12, Add	*4.44*	
		For 140 MPH Wind Load, Add	*3.29*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	61.41	5.92
		For Steep Roof, Over 6 To 12, Add	*4.44*	
		For 140 MPH Wind Load, Add	*2.41*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	146.55	5.92
		For Steep Roof, Over 6 To 12, Add	*4.44*	
		For 140 MPH Wind Load, Add	*4.12*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	108.44	5.92
		For Steep Roof, Over 6 To 12, Add	*4.44*	
		For 140 MPH Wind Load, Add	*3.35*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	31.18	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For Panels <16" Wide, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.17*	
		For Up To 1,500, Add	*7.80*	
		For >1,500 To 5,000, Add	*4.68*	
		For >5,000 To 10,000, Add	*0.78*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	34.39	3.56
		For Steep Roof, Over 6 To 12, Add	*2.13*	
		For Panels <16" Wide, Add	*3.03*	
		For 140 MPH Wind Load, Add	*1.26*	
		For Up To 1,500, Add	*8.60*	
		For >1,500 To 5,000, Add	*5.16*	
		For >5,000 To 10,000, Add	*0.86*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	39.99	3.73
		For Steep Roof, Over 6 To 12, Add	*2.24*	
		For Panels <16" Wide, Add	*3.38*	
		For 140 MPH Wind Load, Add	*1.40*	
		For Up To 1,500, Add	*10.00*	
		For >1,500 To 5,000, Add	*6.00*	
		For >5,000 To 10,000, Add	*1.00*	
07 61 16 00-0006		Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*		
07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	31.57	3.11
		For Steep Roof, Over 6 To 12, Add	*1.86*	
		For Panels <16" Wide, Add	*2.73*	
		For 140 MPH Wind Load, Add	*1.13*	
		For Up To 1,500, Add	*7.89*	
		For >1,500 To 5,000, Add	*4.74*	
		For >5,000 To 10,000, Add	*0.79*	
		For Tin/Copper, Deduct	*-0.51*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	38.54	3.24
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For Panels <16" Wide, Add	*3.13*	
		For 140 MPH Wind Load, Add	*1.29*	
		For Up To 1,500, Add	*9.64*	
		For >1,500 To 5,000, Add	*5.78*	
		For >5,000 To 10,000, Add	*0.96*	
		For Tin/Copper, Deduct	*-0.64*	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	43.14	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For Panels <16" Wide, Add	*3.41*	
		For 140 MPH Wind Load, Add	*1.40*	
		For Up To 1,500, Add	*10.79*	
		For >1,500 To 5,000, Add	*6.47*	
		For >5,000 To 10,000, Add	*1.08*	
		For Tin/Copper, Deduct	*-0.73*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	53.99	3.55
		For Steep Roof, Over 6 To 12, Add	*2.13*	
		For Panels <16" Wide, Add	*4.01*	
		For 140 MPH Wind Load, Add	*1.65*	
		For Up To 1,500, Add	*13.50*	
		For >1,500 To 5,000, Add	*8.10*	
		For >5,000 To 10,000, Add	*1.35*	
		For Tin/Copper, Deduct	*-0.94*	
07 61 19		**Flat Seam Sheet Metal Roofing** *(07 61)*		
07 61 19 00-0001		Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*		
07 61 19 00-0002		Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*		
07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	24.20	3.11
		For Steep Roof, Over 6 To 12, Add	*1.86*	
		For Panels <16" Wide, Add	*2.36*	
		For 140 MPH Wind Load, Add	*0.98*	
		For Up To 1,500, Add	*6.05*	
		For >1,500 To 5,000, Add	*3.63*	
		For >5,000 To 10,000, Add	*0.61*	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	26.58	3.24
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For Panels <16" Wide, Add	*2.53*	
		For 140 MPH Wind Load, Add	*1.05*	
		For Up To 1,500, Add	*6.65*	
		For >1,500 To 5,000, Add	*3.99*	
		For >5,000 To 10,000, Add	*0.66*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	30.70	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For Panels <16" Wide, Add	*2.79*	
		For 140 MPH Wind Load, Add	*1.16*	
		For Up To 1,500, Add	*7.68*	
		For >1,500 To 5,000, Add	*4.61*	
		For >5,000 To 10,000, Add	*0.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0006		Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*		
07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	27.75	3.11
		For Steep Roof, Over 6 To 12, Add	*1.86*	
		For Panels <16" Wide, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.05*	
		For Up To 1,500, Add	*6.94*	
		For >1,500 To 5,000, Add	*4.16*	
		For >5,000 To 10,000, Add	*0.69*	
		For Tin/Copper, Deduct	*-0.43*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	33.76	3.24
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For Panels <16" Wide, Add	*2.89*	
		For 140 MPH Wind Load, Add	*1.19*	
		For Up To 1,500, Add	*8.44*	
		For >1,500 To 5,000, Add	*5.06*	
		For >5,000 To 10,000, Add	*0.84*	
		For Tin/Copper, Deduct	*-0.55*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	37.88	3.38
		For Steep Roof, Over 6 To 12, Add	*2.03*	
		For Panels <16" Wide, Add	*3.15*	
		For 140 MPH Wind Load, Add	*1.30*	
		For Up To 1,500, Add	*9.47*	
		For >1,500 To 5,000, Add	*5.68*	
		For >5,000 To 10,000, Add	*0.95*	
		For Tin/Copper, Deduct	*-0.62*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	47.29	3.55
		For Steep Roof, Over 6 To 12, Add	*2.13*	
		For Panels <16" Wide, Add	*3.68*	
		For 140 MPH Wind Load, Add	*1.51*	
		For Up To 1,500, Add	*11.82*	
		For >1,500 To 5,000, Add	*7.09*	
		For >5,000 To 10,000, Add	*1.18*	
		For Tin/Copper, Deduct	*-0.80*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001		Lead Flashing And Trim *(07 62 13)*		
07 62 13 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	20.88	4.62
		For Up To 100, Add	*5.22*	
07 62 13 00-0003	SF	4 LB/SF Sheet Lead Flashing	27.65	4.62
		For Up To 100, Add	*6.91*	
07 62 13 00-0004		Copper Flashing And Trim *(07 62 13)*		
07 62 13 00-0005		Copper Flashing And Trim *(07 62 13 00-0004)*		
07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	26.42	4.51
		For Up To 100, Add	*6.61*	
		For >500 To 2,000, Deduct	*-3.61*	
		For >2,000, Deduct	*-4.49*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.79*	
		For Wrap Around Window Panning, Add	*8.93*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	27.25	4.62
		For Up To 100, Add	*6.81*	
		For >500 To 2,000, Deduct	*-3.73*	
		For >2,000, Deduct	*-4.63*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.87*	
		For Wrap Around Window Panning, Add	*9.33*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	31.29	4.93
		For Up To 100, Add	*7.82*	
		For >500 To 2,000, Deduct	*-4.26*	
		For >2,000, Deduct	*-5.34*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.96*	
		For Wrap Around Window Panning, Add	*9.78*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	38.95	5.13
		For Up To 100, Add	*9.74*	
		For >500 To 2,000, Deduct	*-5.27*	
		For >2,000, Deduct	*-6.70*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.05*	
		For Wrap Around Window Panning, Add	*10.27*	
07 62 13 00-0010		Stainless Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0011		Stainless Steel Flashing And Trim *(07 62 13 00-0010)*		
07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	9.92	2.47
		For Up To 100, Add	*2.48*	
		For Wrap Around Window Panning, Add	*6.34*	
		For Mechanically Keyed Flashing, Add	*1.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	10.91	2.77
		For Up To 100, Add	*2.73*	
		For Wrap Around Window Panning, Add	*6.44*	
		For Mechanically Keyed Flashing, Add	*1.79*	
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	11.91	3.08
		For Up To 100, Add	*2.98*	
		For Wrap Around Window Panning, Add	*6.55*	
		For Mechanically Keyed Flashing, Add	*2.14*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	13.46	3.39
		For Up To 100, Add	*3.37*	
		For Wrap Around Window Panning, Add	*6.75*	
		For Mechanically Keyed Flashing, Add	*2.68*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	16.08	3.60
		For Up To 100, Add	*4.02*	
		For Wrap Around Window Panning, Add	*7.14*	
		For Mechanically Keyed Flashing, Add	*3.58*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	17.64	3.77
		For Up To 100, Add	*4.41*	
		For Wrap Around Window Panning, Add	*7.55*	
		For Mechanically Keyed Flashing, Add	*4.04*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	18.92	4.00
		For Up To 100, Add	*4.73*	
		For Wrap Around Window Panning, Add	*7.99*	
		For Mechanically Keyed Flashing, Add	*4.37*	
07 62 13 00-0019		Aluminum Flashing And Trim *(07 62 13)*		
07 62 13 00-0020		Aluminum Flashing And Trim *(07 62 13 00-0019)*		
07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	10.05	3.18
		For Up To 100, Add	*2.51*	
		For Baked Aluminum Colors, Add	*0.30*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	10.70	3.18
		For Up To 100, Add	*2.68*	
		For Baked Aluminum Colors, Add	*0.36*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	11.22	3.18
		For Up To 100, Add	*2.81*	
		For Baked Aluminum Colors, Add	*0.41*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	11.96	3.18
		For Up To 100, Add	*2.99*	
		For Baked Aluminum Colors, Add	*0.49*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	13.00	3.18
		For Up To 100, Add	*3.25*	
		For Baked Aluminum Colors, Add	*0.59*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	13.64	3.18
		For Up To 100, Add	*3.41*	
		For Baked Aluminum Colors, Add	*0.66*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	14.16	3.18
		For Up To 100, Add	*3.54*	
		For Baked Aluminum Colors, Add	*0.71*	
		For Wrap Around Window Panning, Add	*7.08*	
07 62 13 00-0028		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0029		Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*		
07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	11.94	3.08
		For Up To 100, Add	*2.99*	
		For Wrap Around Window Panning, Add	*6.55*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	12.44	3.39
		For Up To 100, Add	*3.11*	
		For Wrap Around Window Panning, Add	*6.75*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	13.28	3.60
		For Up To 100, Add	*3.32*	
		For Wrap Around Window Panning, Add	*7.14*	
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	14.14	3.77
		For Up To 100, Add	*3.54*	
		For Wrap Around Window Panning, Add	*7.55*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	15.35	4.00
		For Up To 100, Add	*3.84*	
		For Wrap Around Window Panning, Add	*7.99*	

07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001 Drip Edge *(07 62 19)*

07 62 19 00-0002 Aluminum Drip Edge *(07 62 19 00-0001)*

Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.76	1.54
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.37	1.64
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.10	1.84
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.14	1.95
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.11	2.05
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.50	1.54
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.19	1.64
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.33	1.84
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.62	1.95
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.51	2.05
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.24	1.54
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.18	1.64
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.51	1.84
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.09	1.95
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.48	2.05
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.71	1.54
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.15	1.64
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.85	1.84
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.04	1.95
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.41	2.05
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.20	1.54
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.88	1.64
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.63	1.84
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.03	1.95
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.72	2.05
07 62 19 00-0034		0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.93	1.54
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.10	1.64
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.34	1.84
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.47	1.95
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.32	2.05
07 62 19 00-0040		0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.39	1.54
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.38	1.64
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.23	1.84
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	33.39	1.95
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	42.88	2.05
07 62 19 00-0046		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.34	1.54
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.31	1.64
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.91	1.84
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	39.30	1.95
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.75	2.05
07 62 19 00-0052		Mill Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0053		0.016" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	8.85	1.54
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	10.78	1.64
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	12.09	1.84
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	14.32	1.95
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	17.85	2.05
07 62 19 00-0059		0.019" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	9.36	1.54
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	11.34	1.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	12.94	1.84
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	15.34	1.95
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	18.81	2.05
07 62 19 00-0065		0.025" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	9.87	1.54
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	12.02	1.64
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	13.76	1.84
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	16.36	1.95
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	20.16	2.05
07 62 19 00-0071		0.032" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	10.89	1.54
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	13.38	1.64
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	15.37	1.84
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	18.39	1.95
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	22.88	2.05
07 62 19 00-0077		0.040" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	11.23	1.54
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	13.89	1.64
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	15.91	1.84
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	19.07	1.95
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	23.78	2.05
07 62 19 00-0083		0.050" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	12.41	1.54
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	15.42	1.64
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	17.78	1.84
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	21.45	1.95
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	26.95	2.05
07 62 19 00-0089		0.063" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	14.11	1.54
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	17.68	1.64
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	20.46	1.84
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	24.84	1.95
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	31.47	2.05
07 62 19 00-0095		0.080" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	16.15	1.54
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	20.39	1.64
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	23.69	1.84
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	28.91	1.95
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	36.90	2.05
07 62 19 00-0101		Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0102		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.13	1.54
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.88	1.64
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.68	1.84
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.88	1.95
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.13	2.05
07 62 19 00-0108		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.91	1.54
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.74	1.64
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.98	1.84
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.44	1.95
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.61	2.05
07 62 19 00-0114		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.69	1.54
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.79	1.64
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.24	1.84
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.01	1.95
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.70	2.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0120		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.26	1.54
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.87	1.64
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.72	1.84
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.14	1.95
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.87	2.05
07 62 19 00-0126		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.78	1.54
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.66	1.64
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.54	1.84
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.18	1.95
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.26	2.05
07 62 19 00-0132		**0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.60	1.54
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.00	1.64
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.41	1.84
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.83	1.95
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.13	2.05
07 62 19 00-0138		**0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.21	1.54
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.48	1.64
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.54	1.84
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	35.04	1.95
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	45.08	2.05
07 62 19 00-0144		**0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.34	1.54
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.65	1.64
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.49	1.84
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	41.30	1.95
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	53.42	2.05
07 62 19 00-0150		**Galvanized Steel Drip Edge** *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		**Galvanized Steel Drip Edge** *(07 62 19 00-0150)*		
07 62 19 00-0152		**26 Gauge, Galvanized Steel Drip Edge** *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	10.26	1.54
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	12.60	1.64
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	14.38	1.84
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	17.15	1.95
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	21.22	2.05
07 62 19 00-0158		**24 Gauge, Galvanized Steel Drip Edge** *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	11.12	1.54
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	13.74	1.64
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	15.73	1.84
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	18.85	1.95
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	23.47	2.05
07 62 19 00-0164		**KYNAR 500® Finish, Galvanized Steel Drip Edge** *(07 62 19 00-0150)*		
07 62 19 00-0165		**26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge** *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	12.81	1.54
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.01	1.64
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.42	1.84
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	22.24	1.95
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	28.00	2.05
07 62 19 00-0171		**24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge** *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	14.04	1.54
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	17.66	1.64
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.37	1.84
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	24.70	1.95
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	31.28	2.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	17.51	1.54
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	22.21	1.64
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	25.85	1.84
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	31.64	1.95
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	40.54	2.05
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	21.57	1.54
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	27.63	1.64
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	32.30	1.84
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	39.76	1.95
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	51.37	2.05
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	26.35	1.54
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	34.00	1.64
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	39.86	1.84
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	49.32	1.95
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	64.11	2.05

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001		Pitch Pockets *(07 63)* Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	88.27	
		For Pourable Sealer Filled, Add	*36.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.25*	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	107.31	
		For Pourable Sealer Filled, Add	*82.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*41.17*	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	131.16	
		For Pourable Sealer Filled, Add	*145.92*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*72.79*	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	143.57	
		For Pourable Sealer Filled, Add	*182.40*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*91.50*	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	155.53	
		For Pourable Sealer Filled, Add	*218.88*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*109.46*	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	182.66	
		For Pourable Sealer Filled, Add	*328.32*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*163.15*	
07 63 00 00-0009		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.60	
		For Pourable Sealer Filled, Add	*36.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.25*	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	122.29	
		For Pourable Sealer Filled, Add	*82.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*41.17*	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	149.32	
		For Pourable Sealer Filled, Add	*145.92*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*72.79*	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	165.05	
		For Pourable Sealer Filled, Add	*182.40*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*91.50*	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	177.73	
		For Pourable Sealer Filled, Add	*218.88*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*109.46*	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	206.72	
		For Pourable Sealer Filled, Add	*328.32*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*163.15*	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	108.39	
		For Pourable Sealer Filled, Add	*36.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.25*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	129.74	
		For Pourable Sealer Filled, Add	*82.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*41.17*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	149.92	
		For Pourable Sealer Filled, Add	*145.92*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*72.79*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	161.60	
		For Pourable Sealer Filled, Add	*182.40*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*91.50*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	172.65	
		For Pourable Sealer Filled, Add	*218.88*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*109.46*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	197.72	
		For Pourable Sealer Filled, Add	*328.32*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*163.15*	

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*

Note: Includes removing existing filler and refilling with non-shrink grout.

07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	68.35	
		For Pourable Sealer Filled, Add	*36.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.25*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	79.02	
		For Pourable Sealer Filled, Add	*82.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*41.17*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	93.25	
		For Pourable Sealer Filled, Add	*145.92*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*72.79*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	102.24	
		For Pourable Sealer Filled, Add	*182.40*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*91.50*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	111.21	
		For Pourable Sealer Filled, Add	*218.88*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*109.46*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	134.06	
		For Pourable Sealer Filled, Add	*328.32*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*163.15*	

07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	94.64	27.63
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	94.64	27.63
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	116.72	27.63
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	129.33	27.63
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	135.64	27.63
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	138.79	27.63
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	170.33	27.63
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	184.52	27.63

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*

07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	72.72	17.86
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	73.80	17.86
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	77.70	17.86
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	81.06	17.86

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	12.51	1.96

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Thick *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	8.82	2.76
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	11.81	2.97
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	15.13	3.27
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	18.61	3.69

07 65 33 Flexible Roof Boot *(07 65)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 33 00-0001		Neoprene Roof Boot *(07 65 33)*		
07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	37.19	8.50
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	43.47	9.52
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	48.09	10.24

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001		Galvanized Steel Copings *(07 71 13)*		
07 71 13 00-0002		KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	31.64	2.21
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	33.38	2.39
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	38.07	2.52
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	44.22	2.76
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	53.43	2.88
07 71 13 00-0008		Aluminum Copings *(07 71 13)*		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	25.12	2.21
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.81	2.39
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.26	2.52
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	37.32	2.76
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	46.36	2.88
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.26	2.21
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.09	2.39
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.96	2.52
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	40.59	2.76
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	50.52	2.88
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.03	2.21
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.13	2.39
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	37.33	2.52
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	46.62	2.76
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	60.27	2.88
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	34.77	2.21
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.08	2.39
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.43	2.52
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	52.04	2.76
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	65.06	2.88

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.87	2.21
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	40.39	2.39
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	47.36	2.52
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	56.78	2.76
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	71.09	2.88
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	40.43	2.21
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.35	2.39
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	52.23	2.52
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	65.52	2.76
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	85.23	2.88
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	36.63	2.21
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	39.07	2.39
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.79	2.52
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	54.88	2.76
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	68.67	2.88
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	39.92	2.21
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.57	2.39
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.95	2.52
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	59.91	2.76
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	75.06	2.88
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.63	2.21
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.71	2.39
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	55.12	2.52
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	69.18	2.76
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	90.06	2.88
07 71 13 00-0066		Removal And Reinstallation Of Metal Coping *(07 71 13)*		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	7.14	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19		**Manufactured Gravel Stops and Fasciae** *(07 71)*		
07 71 19 00-0001		Gravel Stop *(07 71 19)*		
07 71 19 00-0002		Aluminum Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0003		Aluminum Gravel Stop *(07 71 19 00-0002)*		
07 71 19 00-0004		KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0005		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	32.83	1.74
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	33.97	2.05
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	35.15	2.25
07 71 19 00-0009		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	34.87	1.74
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	36.10	2.05
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	37.40	2.25
07 71 19 00-0013		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	37.52	1.74
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	38.64	2.05
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	40.22	2.25
07 71 19 00-0017		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	39.33	1.74
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	40.51	2.05
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.20	2.25
07 71 19 00-0021		Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0022		0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	21.52	1.74
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	23.23	2.05
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	24.96	2.25
07 71 19 00-0026		0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	23.22	1.74
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	24.70	2.05
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	26.09	2.25
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	24.91	1.74
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	26.40	2.05
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	27.92	2.25
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	26.75	1.74
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	28.09	2.05
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	29.29	2.25
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	39.10	1.74
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	40.52	2.05
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	41.79	2.25
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	41.55	1.74
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	43.07	2.05
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	44.47	2.25
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	44.74	1.74
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	46.12	2.05
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	47.29	2.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	46.90	1.74
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.37	2.05
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	49.63	2.25
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	37.01	1.84
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	39.39	2.20
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	42.08	2.51
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	39.05	1.84
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	41.51	2.20
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	44.33	2.51
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	41.71	1.84
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	44.06	2.20
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.16	2.51
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	43.51	1.84
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	45.93	2.20
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.13	2.51
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	27.27	1.84
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	29.23	2.20
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	31.46	2.51
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	28.68	1.84
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	30.69	2.20
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	33.02	2.51
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	30.51	1.84
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	32.45	2.20
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	34.86	2.51
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	31.76	1.84
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	33.74	2.20
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.22	2.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	43.29	1.84
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	45.93	2.20
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	48.72	2.51
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	45.74	1.84
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	48.49	2.20
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	51.40	2.51
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	48.93	1.84
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	51.54	2.20
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	54.22	2.51
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	51.09	1.84
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	53.78	2.20
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	56.56	2.51
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	31.48	1.74
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	41.32	2.05
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	61.17	2.25
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	39.12	1.74
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	51.51	2.05
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	76.46	2.25
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	47.25	1.74
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	62.34	2.05
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	92.71	2.25
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	37.17	1.84
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	48.70	2.20
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	70.64	2.51
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	44.81	1.84
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	58.89	2.20
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	85.93	2.51
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	52.93	1.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	69.72	2.20
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	102.18	2.51
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	30.12	1.74
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	31.22	2.05
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	32.54	2.25
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	34.43	1.84
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	36.79	2.20
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	39.66	2.51
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	50.23	1.74
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	57.52	2.05
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	66.45	2.25
07 71 19 00-0153		16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	60.93	1.74
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	70.60	2.05
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	80.71	2.25
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	52.28	1.84
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	60.15	2.20
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	69.77	2.51
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	62.98	1.84
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	73.23	2.20
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	84.04	2.51
07 71 19 00-0166		Fascia *(07 71 19)*		
07 71 19 00-0167		Snap-On Cover Fascia *(07 71 19 00-0166)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	36.76	2.56
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	41.33	2.66
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	44.26	2.76
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	254.42	3.59
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	271.72	3.59
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	282.59	3.59
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	207.32	3.59
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	216.05	3.59
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	221.37	3.59
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	20.90	2.56
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.59	2.66
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.02	2.76
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	21.93	2.56
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	24.91	2.66
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.51	2.76
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	132.73	3.59
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	143.88	3.59
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	148.76	3.59
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	105.24	3.59
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	110.79	3.59
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	113.22	3.59
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	24.05	2.56
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.24	2.66
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.92	2.76
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.29	2.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.83	2.66
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.71	2.76
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	164.12	3.59
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	178.06	3.59
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	184.16	3.59
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	129.76	3.59
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	136.70	3.59
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	139.74	3.59
07 71 23		**Manufactured Gutters and Downspouts** *(07 71)*		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	8.88	3.80
		For Up To 100', Add	*1.83*	
		For >100' To 250', Add	*0.76*	
		For >1,000', Deduct	*-0.63*	
		For Kynar 500® Finish, Add	*1.18*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	9.91	4.00
		For Up To 100', Add	*1.98*	
		For >100' To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*1.50*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	9.26	3.80
		For Up To 100', Add	*1.87*	
		For >100' To 250', Add	*0.78*	
		For >1,000', Deduct	*-0.63*	
		For Kynar 500® Finish, Add	*1.35*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	10.40	4.00
		For Up To 100', Add	*2.03*	
		For >100' To 250', Add	*0.85*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*1.72*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	19.45	4.21
		For Up To 100', Add	*3.01*	
		For >100' To 250', Add	*1.33*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*5.57*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	21.32	4.73
		For Up To 100', Add	*3.30*	
		For >100' To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*6.08*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	23.93	4.73
		For Up To 100', Add	*3.56*	
		For >100' To 250', Add	*1.59*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*7.26*	
07 71 23 00-0011		Half Round Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	16.44	3.80
		For Up To 100', Add	*2.58*	
		For >100' To 250', Add	*1.14*	
		For >1,000', Deduct	*-0.63*	
		For Kynar 500® Finish, Add	*4.58*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	19.82	4.00
		For Up To 100', Add	*2.97*	
		For >100' To 250', Add	*1.32*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*5.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0014		**Box Style Aluminum Gutters** *(07 71 23 00-0002)*		
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	17.25	4.73
		For Up To 100', Add	*2.90*	
		For >100' To 250', Add	*1.25*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*4.25*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	17.29	4.73
		For Up To 100', Add	*2.90*	
		For >100' To 250', Add	*1.25*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*4.27*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	20.14	5.03
		For Up To 100', Add	*3.26*	
		For >100' To 250', Add	*1.42*	
		For >1,000', Deduct	*-0.83*	
		For Kynar 500® Finish, Add	*5.32*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	22.76	5.34
		For Up To 100', Add	*3.60*	
		For >100' To 250', Add	*1.58*	
		For >1,000', Deduct	*-0.88*	
		For Kynar 500® Finish, Add	*6.27*	
07 71 23 00-0019		**Aluminum Gutter End Caps** *(07 71 23 00-0001)*		
07 71 23 00-0020		**K-Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	2.97	
		For Kynar 500® Finish, Add	*0.41*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	3.71	
		For Kynar 500® Finish, Add	*0.74*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	8.21	
		For Kynar 500® Finish, Add	*2.77*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	9.59	
		For Kynar 500® Finish, Add	*3.39*	
07 71 23 00-0025		**Half Round, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	4.86	
		For Kynar 500® Finish, Add	*1.26*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	7.59	
		For Kynar 500® Finish, Add	*2.49*	
07 71 23 00-0028		**Box Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	8.97	
		For Kynar 500® Finish, Add	*3.11*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	9.76	
		For Kynar 500® Finish, Add	*3.47*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	11.48	
		For Kynar 500® Finish, Add	*4.24*	
07 71 23 00-0032		**Aluminum Gutter Miters** *(07 71 23 00-0001)*		
		Note: Inside or outside miters.		
07 71 23 00-0033		**K-Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	17.57	
		For Kynar 500® Finish, Add	*3.24*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	23.55	
		For Kynar 500® Finish, Add	*5.61*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	71.80	
		For Kynar 500® Finish, Add	*27.00*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	77.95	
		For Kynar 500® Finish, Add	*29.39*	
07 71 23 00-0038		**Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	30.79	
		For Kynar 500® Finish, Add	*9.19*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	48.70	
		For Kynar 500® Finish, Add	*16.92*	
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	58.10	
		For Kynar 500® Finish, Add	*21.15*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	86.80	
		For Kynar 500® Finish, Add	*33.75*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	94.28	
		For Kynar 500® Finish, Add	*36.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	13.93	2.57
		For Kynar 500® Finish, Add	*3.86*	
		For 0.024" Thick, Add	*1.20*	
		For 0.027" Thick, Add	*2.49*	
		For 0.031" Thick, Add	*3.60*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	21.16	2.57
		For Kynar 500® Finish, Add	*7.11*	
		For 0.024" Thick, Add	*2.21*	
		For 0.027" Thick, Add	*4.58*	
		For 0.031" Thick, Add	*6.64*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	6.26	2.47
		For Up To 100', Add	*1.03*	
		For >100 To 250', Add	*0.45*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*1.62*	
		For 0.024" Thick, Add	*0.50*	
		For 0.027" Thick, Add	*1.04*	
		For 0.031" Thick, Add	*1.51*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	7.10	2.47
		For Up To 100', Add	*1.11*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*1.99*	
		For 0.024" Thick, Add	*0.62*	
		For 0.027" Thick, Add	*1.28*	
		For 0.031" Thick, Add	*1.86*	
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	4.51	2.47
		For Up To 100', Add	*0.85*	
		For >100 To 250', Add	*0.36*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*0.83*	
		For 0.024" Thick, Add	*0.26*	
		For 0.027" Thick, Add	*0.53*	
		For 0.031" Thick, Add	*0.77*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	5.58	2.47
		For Up To 100', Add	*0.96*	
		For >100 To 250', Add	*0.41*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*1.31*	
		For 0.024" Thick, Add	*0.41*	
		For 0.027" Thick, Add	*0.84*	
		For 0.031" Thick, Add	*1.22*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	10.09	2.47
		For Up To 100', Add	*1.41*	
		For >100 To 250', Add	*0.64*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*3.34*	
		For 0.024" Thick, Add	*1.04*	
		For 0.027" Thick, Add	*2.15*	
		For 0.031" Thick, Add	*3.12*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	181.54	23.03
		For Kynar 500® Finish, Add	*47.14*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	207.44	25.60
		For Kynar 500® Finish, Add	*70.32*	
07 71 23 00-0059		**Copper Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0060		**Copper Gutters** *(07 71 23 00-0059)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		**K-Style Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	19.22	3.60
		For Up To 100', Add	*2.82*	
		For >100' To 250', Add	*1.26*	
		For >1,000', Deduct	*-0.60*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	27.80	3.80
		For Up To 100', Add	*3.72*	
		For >100' To 250', Add	*1.70*	
		For >1,000', Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	33.41	4.00
		For Up To 100', Add	*4.33*	
		For >100' To 250', Add	*2.00*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	35.55	3.80
		For Up To 100', Add	*4.49*	
		For >100' To 250', Add	*2.09*	
		For >1,000', Deduct	*-0.63*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	44.38	4.00
		For Up To 100', Add	*5.42*	
		For >100' To 250', Add	*2.55*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	51.82	4.21
		For Up To 100', Add	*6.24*	
		For >100' To 250', Add	*2.95*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	57.65	4.73
		For Up To 100', Add	*6.94*	
		For >100' To 250', Add	*3.27*	
		For >1,000', Deduct	*-0.78*	

07 71 23 00-0069 Half Round Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	23.77	3.80
		For Up To 100', Add	*3.32*	
		For >100' To 250', Add	*1.50*	
		For >1,000', Deduct	*-0.63*	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	30.40	4.00
		For Up To 100', Add	*4.03*	
		For >100' To 250', Add	*1.85*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	51.95	4.21
		For Up To 100', Add	*6.26*	
		For >100' To 250', Add	*2.95*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	28.00	3.80
		For Up To 100', Add	*3.74*	
		For >100' To 250', Add	*1.71*	
		For >1,000', Deduct	*-0.63*	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	34.90	4.00
		For Up To 100', Add	*4.48*	
		For >100' To 250', Add	*2.07*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	54.70	4.21
		For Up To 100', Add	*6.53*	
		For >100' To 250', Add	*3.09*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	62.20	4.73
		For Up To 100', Add	*7.39*	
		For >100' To 250', Add	*3.50*	
		For >1,000', Deduct	*-0.78*	

07 71 23 00-0077 Box Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	27.94	4.31
		For Up To 100', Add	*3.87*	
		For >100' To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.72*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	30.06	4.73
		For Up To 100', Add	*4.18*	
		For >100' To 250', Add	*1.89*	
		For >1,000', Deduct	*-0.78*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	36.77	5.03
		For Up To 100', Add	*4.92*	
		For >100' To 250', Add	*2.25*	
		For >1,000', Deduct	*-0.83*	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	37.46	5.34
		For Up To 100', Add	*5.07*	
		For >100' To 250', Add	*2.31*	
		For >1,000', Deduct	*-0.88*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	32.07	4.31
		For Up To 100', Add	*4.29*	
		For >100' To 250', Add	*1.96*	
		For >1,000', Deduct	*-0.72*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	34.19	4.73
		For Up To 100', Add	*4.59*	
		For >100' To 250', Add	*2.10*	
		For >1,000', Deduct	*-0.78*	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	40.90	5.03
		For Up To 100', Add	*5.34*	
		For >100' To 250', Add	*2.46*	
		For >1,000', Deduct	*-0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	41.59	5.34
		For Up To 100', Add	*5.48*	
		For >100' To 250', Add	*2.52*	
		For >1,000', Deduct	*-0.88*	

07 71 23 00-0086 Copper Gutter End Caps *(07 71 23 00-0059)*

07 71 23 00-0087 K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.63
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.14
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.64
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	21.17
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	25.92

07 71 23 00-0093 Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	8.13
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	9.20
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	14.15
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	43.62
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	51.62

07 71 23 00-0099 Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	16.10
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	16.93
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	17.75
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	19.40

07 71 23 00-0104 Copper Gutter Miters *(07 71 23 00-0059)*

Note: Inside or outside miters.

07 71 23 00-0105 K-Style, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	43.55
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	49.47
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	72.19
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	103.11
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	121.27

07 71 23 00-0111 Half Round, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	69.38
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	63.79
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	92.89
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	111.15
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	131.68

07 71 23 00-0117 Box Style, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	76.36
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	78.73
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	86.06
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	87.64
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	84.62
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	86.99
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	94.32
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	103.40

07 71 23 00-0126 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	18.33	2.57
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	22.60	2.57
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	36.52	2.57
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	48.65	2.57
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	58.81	2.57

07 71 23 00-0132 Copper Downspouts *(07 71 23 00-0059)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0133 Round Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	28.86	2.47
		For Up To 100', Add	*3.29*	
		For >100 To 250', Add	*1.58*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	19.92	2.47
		For Up To 100', Add	*2.39*	
		For >100 To 250', Add	*1.13*	
		For >1,000', Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	25.27	2.47
		For Up To 100', Add	*2.93*	
		For >100 To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	40.73	2.47
		For Up To 100', Add	*4.47*	
		For >100 To 250', Add	*2.17*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	52.54	2.47
		For Up To 100', Add	*5.65*	
		For >100 To 250', Add	*2.76*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	27.16	2.47
		For Up To 100', Add	*3.12*	
		For >100 To 250', Add	*1.49*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	35.42	2.47
		For Up To 100', Add	*3.94*	
		For >100 To 250', Add	*1.90*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	54.15	2.47
		For Up To 100', Add	*5.82*	
		For >100 To 250', Add	*2.84*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0142		Square Copper Downspouts *(07 71 23 00-0132)*		
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	13.62	2.47
		For Up To 100', Add	*1.76*	
		For >100 To 250', Add	*0.81*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	17.16	2.47
		For Up To 100', Add	*2.12*	
		For >100 To 250', Add	*0.99*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	24.83	2.47
		For Up To 100', Add	*2.88*	
		For >100 To 250', Add	*1.38*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	15.81	2.47
		For Up To 100', Add	*1.98*	
		For >100 To 250', Add	*0.92*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	20.24	2.47
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.15*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	29.33	2.47
		For Up To 100', Add	*3.33*	
		For >100 To 250', Add	*1.60*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0149		Rectangular Copper Downspouts *(07 71 23 00-0132)*		
07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	20.47	2.47
		For Up To 100', Add	*2.45*	
		For >100 To 250', Add	*1.16*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	26.05	2.47
		For Up To 100', Add	*3.01*	
		For >100 To 250', Add	*1.44*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	37.31	2.47
		For Up To 100', Add	*4.13*	
		For >100 To 250', Add	*2.00*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	23.94	2.47
		For Up To 100', Add	*2.79*	
		For >100 To 250', Add	*1.33*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	30.86	2.47
		For Up To 100', Add	*3.49*	
		For >100 To 250', Add	*1.68*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	44.56	2.47
		For Up To 100', Add	*4.86*	
		For >100 To 250', Add	*2.36*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0156		Copper Devices And Accessories *(07 71 23 00-0059)*		
07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	225.86	23.03
07 71 23 00-0158	EA	Copper Leader/Conductor Head	335.00	25.60
07 71 23 00-0159	EA	Copper Eave Box	146.74	15.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0160		Galvanized Steel Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0161		Galvanized Steel Gutters *(07 71 23 00-0160)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162		K-Style Galvanized Steel Gutters *(07 71 23 00-0161)*		
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	12.77	3.80
		For Up To 100', Add	*2.22*	
		For >100' To 250', Add	*0.95*	
		For >1,000', Deduct	*-0.63*	
		For Kynar 500® Finish, Add	*2.93*	
		For 24 Gauge, Add	*1.82*	
		For 22 Gauge, Add	*3.58*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	15.07	4.00
		For Up To 100', Add	*2.49*	
		For >100' To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*3.83*	
		For 24 Gauge, Add	*2.38*	
		For 22 Gauge, Add	*4.68*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	33.24	4.21
		For Up To 100', Add	*4.39*	
		For >100' To 250', Add	*2.02*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*11.77*	
		For 24 Gauge, Add	*7.32*	
		For 22 Gauge, Add	*14.39*	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	34.95	4.73
		For Up To 100', Add	*4.67*	
		For >100' To 250', Add	*2.14*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*12.22*	
		For 24 Gauge, Add	*7.60*	
		For 22 Gauge, Add	*14.93*	
07 71 23 00-0167		Half Round Galvanized Steel Gutters *(07 71 23 00-0161)*		
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	19.50	3.80
		For Up To 100', Add	*2.89*	
		For >100' To 250', Add	*1.29*	
		For >1,000', Deduct	*-0.63*	
		For Kynar 500® Finish, Add	*5.96*	
		For 24 Gauge, Add	*3.71*	
		For 22 Gauge, Add	*7.28*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	24.98	4.00
		For Up To 100', Add	*3.48*	
		For >100' To 250', Add	*1.58*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*8.28*	
		For 24 Gauge, Add	*5.15*	
		For 22 Gauge, Add	*10.13*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	65.73	4.21
		For Up To 100', Add	*7.64*	
		For >100' To 250', Add	*3.64*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*26.39*	
		For 24 Gauge, Add	*16.42*	
		For 22 Gauge, Add	*32.26*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	70.05	4.73
		For Up To 100', Add	*8.18*	
		For >100' To 250', Add	*3.89*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*28.01*	
		For 24 Gauge, Add	*17.43*	
		For 22 Gauge, Add	*34.24*	
07 71 23 00-0172		Box Style Galvanized Steel Gutters *(07 71 23 00-0161)*		
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	23.43	4.31
		For Up To 100', Add	*3.42*	
		For >100' To 250', Add	*1.53*	
		For >1,000', Deduct	*-0.72*	
		For Kynar 500® Finish, Add	*7.31*	
		For 22 Gauge, Add	*3.57*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	27.69	4.73
		For Up To 100', Add	*3.94*	
		For >100' To 250', Add	*1.77*	
		For >1,000', Deduct	*-0.78*	
		For Kynar 500® Finish, Add	*8.95*	
		For 22 Gauge, Add	*4.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0175		LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	35.83	4.21
			For Up To 100', Add	*4.65*	
			For >100' To 250', Add	*2.15*	
			For >1,000', Deduct	*-0.71*	
			For Kynar 500® Finish, Add	*12.94*	
			For 22 Gauge, Add	*6.33*	
07 71 23 00-0176		LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	39.51	5.34
			For Up To 100', Add	*5.28*	
			For >100' To 250', Add	*2.42*	
			For >1,000', Deduct	*-0.88*	
			For Kynar 500® Finish, Add	*13.81*	
			For 22 Gauge, Add	*6.75*	

07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0179		EA	5", K-Style Galvanized Steel Gutter End Cap	5.96	
			For Kynar 500® Finish, Add	*1.76*	
07 71 23 00-0180		EA	6", K-Style Galvanized Steel Gutter End Cap	6.99	
			For Kynar 500® Finish, Add	*2.22*	
07 71 23 00-0181		EA	7", K-Style Galvanized Steel Gutter End Cap	16.10	
			For Kynar 500® Finish, Add	*6.32*	
07 71 23 00-0182		EA	8", K-Style Galvanized Steel Gutter End Cap	23.71	
			For Kynar 500® Finish, Add	*9.74*	

07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0184		EA	5", Half Round Galvanized Steel Gutter End Cap	7.89	
			For Kynar 500® Finish, Add	*2.62*	
07 71 23 00-0185		EA	6", Half Round Galvanized Steel Gutter End Cap	9.20	
			For Kynar 500® Finish, Add	*3.21*	
07 71 23 00-0186		EA	7", Half Round Galvanized Steel Gutter End Cap	17.84	
			For Kynar 500® Finish, Add	*7.10*	
07 71 23 00-0187		EA	8", Half Round Galvanized Steel Gutter End Cap	24.40	
			For Kynar 500® Finish, Add	*10.05*	

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189		EA	5", Box Style Galvanized Steel Gutter End Cap	14.79	
			For Kynar 500® Finish, Add	*5.73*	
07 71 23 00-0190		EA	6", Box Style Galvanized Steel Gutter End Cap	17.97	
			For Kynar 500® Finish, Add	*7.16*	
07 71 23 00-0191		EA	7", Box Style Galvanized Steel Gutter End Cap	20.23	
			For Kynar 500® Finish, Add	*8.18*	
07 71 23 00-0192		EA	8", Box Style Galvanized Steel Gutter End Cap	27.37	
			For Kynar 500® Finish, Add	*11.39*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195		EA	5", K-Style Galvanized Steel Gutter Miter	36.82	
			For Kynar 500® Finish, Add	*11.90*	
07 71 23 00-0196		EA	6", K-Style Galvanized Steel Gutter Miter	61.69	
			For Kynar 500® Finish, Add	*22.77*	
07 71 23 00-0197		EA	7", K-Style Galvanized Steel Gutter Miter	100.80	
			For Kynar 500® Finish, Add	*40.05*	
07 71 23 00-0198		EA	8", K-Style Galvanized Steel Gutter Miter	113.53	
			For Kynar 500® Finish, Add	*45.41*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200		EA	5", Half Round Galvanized Steel Gutter Miter	51.77	
			For Kynar 500® Finish, Add	*18.63*	
07 71 23 00-0201		EA	6", Half Round Galvanized Steel Gutter Miter	58.38	
			For Kynar 500® Finish, Add	*21.28*	
07 71 23 00-0202		EA	7", Half Round Galvanized Steel Gutter Miter	172.63	
			For Kynar 500® Finish, Add	*72.37*	
07 71 23 00-0203		EA	8", Half Round Galvanized Steel Gutter Miter	182.38	
			For Kynar 500® Finish, Add	*76.39*	

07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0205		EA	5", Box Style Galvanized Steel Gutter Miter	48.77	
			For Kynar 500® Finish, Add	*17.28*	
07 71 23 00-0206		EA	6", Box Style Galvanized Steel Gutter Miter	81.48	
			For Kynar 500® Finish, Add	*31.68*	
07 71 23 00-0207		EA	7", Box Style Galvanized Steel Gutter Miter	106.75	
			For Kynar 500® Finish, Add	*42.72*	
07 71 23 00-0208		EA	8", Box Style Galvanized Steel Gutter Miter	113.53	
			For Kynar 500® Finish, Add	*45.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0209		Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0160)*		
07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	12.18	2.57
		For Kynar 500® Finish, Add	*3.07*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	18.00	2.57
		For Kynar 500® Finish, Add	*5.69*	
07 71 23 00-0212		Galvanized Steel Downspouts *(07 71 23 00-0160)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213		Round Galvanized Steel Downspouts *(07 71 23 00-0212)*		
07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	7.43	2.47
		For Up To 100', Add	*1.14*	
		For >100 To 250', Add	*0.51*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*2.14*	
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*2.62*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	9.46	2.47
		For Up To 100', Add	*1.35*	
		For >100 To 250', Add	*0.61*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*3.06*	
		For 24 Gauge, Add	*1.90*	
		For 22 Gauge, Add	*3.73*	
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	13.22	2.47
		For Up To 100', Add	*1.72*	
		For >100 To 250', Add	*0.79*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*4.75*	
		For 24 Gauge, Add	*2.95*	
		For 22 Gauge, Add	*5.80*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	30.60	2.47
		For Up To 100', Add	*3.46*	
		For >100 To 250', Add	*1.66*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*12.57*	
		For 24 Gauge, Add	*7.82*	
		For 22 Gauge, Add	*15.36*	
07 71 23 00-0218		Square Galvanized Steel Downspouts *(07 71 23 00-0212)*		
07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	8.56	2.47
		For Up To 100', Add	*1.26*	
		For >100 To 250', Add	*0.56*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*2.65*	
		For 24 Gauge, Add	*1.65*	
		For 22 Gauge, Add	*3.24*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	11.24	2.47
		For Up To 100', Add	*1.52*	
		For >100 To 250', Add	*0.70*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*3.86*	
		For 24 Gauge, Add	*2.40*	
		For 22 Gauge, Add	*4.71*	
07 71 23 00-0221		Rectangular Galvanized Steel Downspouts *(07 71 23 00-0212)*		
07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	7.58	2.47
		For Up To 100', Add	*1.16*	
		For >100 To 250', Add	*0.51*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*2.21*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.70*	
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	9.93	2.47
		For Up To 100', Add	*1.39*	
		For >100 To 250', Add	*0.63*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*3.27*	
		For 24 Gauge, Add	*2.03*	
		For 22 Gauge, Add	*3.99*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	19.27	2.47
		For Up To 100', Add	*2.33*	
		For >100 To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.27*	
		For Kynar 500® Finish, Add	*7.47*	
		For 24 Gauge, Add	*4.65*	
		For 22 Gauge, Add	*9.13*	
07 71 23 00-0225		Galvanized Steel Devices *(07 71 23 00-0160)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	355.01	25.60
		For Kynar 500® Finish, Add	*136.72*	
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	163.33	23.03
		For Kynar 500® Finish, Add	*38.95*	
07 71 23 00-0228		Stainless Steel Gutters And Downspouts *(07 71 23)*		
		Note: AISI type 304 stainless steel.		
07 71 23 00-0229		Stainless Steel Gutters *(07 71 23 00-0228)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230		K-Style, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	32.70	3.80
		For Up To 100', Add	*4.21*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-0.63*	
		For 316 Stainless Steel, Add	*10.05*	
		For 24 Gauge, Add	*8.73*	
		For 22 Gauge, Add	*17.45*	
		For 20 Gauge, Add	*26.18*	
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	39.64	4.00
		For Up To 100', Add	*4.95*	
		For >100' To 250', Add	*2.31*	
		For >1,000', Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*12.57*	
		For 24 Gauge, Add	*10.91*	
		For 22 Gauge, Add	*21.83*	
		For 20 Gauge, Add	*32.74*	
07 71 23 00-0233		Half Round, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	46.30	3.80
		For Up To 100', Add	*5.57*	
		For >100' To 250', Add	*2.63*	
		For >1,000', Deduct	*-0.63*	
		For 316 Stainless Steel, Add	*15.22*	
		For 24 Gauge, Add	*13.21*	
		For 22 Gauge, Add	*26.43*	
		For 20 Gauge, Add	*39.64*	
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	56.54	4.00
		For Up To 100', Add	*6.64*	
		For >100' To 250', Add	*3.16*	
		For >1,000', Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*18.99*	
		For 24 Gauge, Add	*16.49*	
		For 22 Gauge, Add	*32.98*	
		For 20 Gauge, Add	*49.47*	
07 71 23 00-0236		Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	44.90	4.31
		For Up To 100', Add	*5.57*	
		For >100' To 250', Add	*2.60*	
		For >1,000', Deduct	*-0.72*	
		For 316 Stainless Steel, Add	*14.33*	
		For 24 Gauge, Add	*12.44*	
		For 22 Gauge, Add	*24.89*	
		For 20 Gauge, Add	*37.33*	
		For 18 Gauge, Add	*62.60*	
		For Seamless Gutter, Add	*-0.81*	
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	55.17	4.73
		For Up To 100', Add	*6.69*	
		For >100' To 250', Add	*3.15*	
		For >1,000', Deduct	*-0.78*	
		For 316 Stainless Steel, Add	*18.00*	
		For 24 Gauge, Add	*15.63*	
		For 22 Gauge, Add	*31.26*	
		For 20 Gauge, Add	*46.90*	
		For 18 Gauge, Add	*78.63*	
		For Seamless Gutter, Add	*-1.20*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	65.56	5.03
		For Up To 100', Add	*7.80*	
		For >100' To 250', Add	*3.69*	
		For >1,000', Deduct	*-0.83*	
		For 316 Stainless Steel, Add	*21.76*	
		For 24 Gauge, Add	*18.89*	
		For 22 Gauge, Add	*37.79*	
		For 20 Gauge, Add	*56.68*	
		For 18 Gauge, Add	*95.04*	
		For Seamless Gutter, Add	*-1.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	71.38	5.34
		For Up To 100', Add	*8.46*	
		For >100' To 250', Add	*4.01*	
		For >1,000', Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*23.77*	
		For 24 Gauge, Add	*20.64*	
		For 22 Gauge, Add	*41.28*	
		For 20 Gauge, Add	*61.92*	
		For 18 Gauge, Add	*103.83*	
		For Seamless Gutter, Add	*-1.80*	
07 71 23 00-0241		Stainless Steel Gutter End Caps *(07 71 23 00-0228)*		
07 71 23 00-0242		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	10.33	
		For 316 Stainless Steel, Add	*3.14*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	11.99	
		For 316 Stainless Steel, Add	*3.77*	
07 71 23 00-0245		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	12.40	
		For 316 Stainless Steel, Add	*3.93*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	14.47	
		For 316 Stainless Steel, Add	*4.72*	
07 71 23 00-0248		Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	12.91	
		For 316 Stainless Steel, Add	*3.93*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	14.98	
		For 316 Stainless Steel, Add	*4.72*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	15.79	
		For 316 Stainless Steel, Add	*5.09*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	19.23	
		For 316 Stainless Steel, Add	*6.27*	
07 71 23 00-0253		Stainless Steel Gutter Miters *(07 71 23 00-0228)* Note: Inside or outside box miters.		
07 71 23 00-0254		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*		
07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	53.11	
		For 316 Stainless Steel, Add	*16.24*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	86.92	
		For 316 Stainless Steel, Add	*28.82*	
07 71 23 00-0257		Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0253)*		
07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	135.83	
		For 316 Stainless Steel, Add	*47.67*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	166.83	
		For 316 Stainless Steel, Add	*59.18*	
07 71 23 00-0260		Box-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*		
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	61.66	
		For 316 Stainless Steel, Add	*19.49*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	102.08	
		For 316 Stainless Steel, Add	*34.58*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	117.97	
		For 316 Stainless Steel, Add	*40.34*	
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	133.96	
		For 316 Stainless Steel, Add	*46.11*	
07 71 23 00-0265		Stainless Steel Gutter Wire Strainers *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	42.11	2.57
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	43.11	2.57
07 71 23 00-0268		Stainless Steel Downspouts *(07 71 23 00-0228)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		Round Stainless Steel Downspouts *(07 71 23 00-0268)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	19.76	2.47
		For Up To 100', Add	*2.38*	
		For >100 To 250', Add	*1.12*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*6.49*	
		For 24 Gauge, Add	*5.64*	
		For 22 Gauge, Add	*11.28*	
		For 20 Gauge, Add	*16.92*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	26.38	2.47
		For Up To 100', Add	*3.04*	
		For >100 To 250', Add	*1.45*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*9.01*	
		For 24 Gauge, Add	*7.82*	
		For 22 Gauge, Add	*15.65*	
		For 20 Gauge, Add	*23.47*	
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	38.90	2.47
		For Up To 100', Add	*4.29*	
		For >100 To 250', Add	*2.08*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*13.77*	
		For 24 Gauge, Add	*11.96*	
		For 22 Gauge, Add	*23.91*	
		For 20 Gauge, Add	*35.87*	
07 71 23 00-0273		Rectangular Stainless Steel Downspouts *(07 71 23 00-0268)*		
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	20.25	2.47
		For Up To 100', Add	*2.43*	
		For >100 To 250', Add	*1.15*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*6.68*	
		For 24 Gauge, Add	*5.80*	
		For 22 Gauge, Add	*11.60*	
		For 20 Gauge, Add	*17.40*	
		For 18 Gauge, Add	*29.18*	
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	27.38	2.47
		For Up To 100', Add	*3.14*	
		For >100 To 250', Add	*1.50*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*9.39*	
		For 24 Gauge, Add	*8.15*	
		For 22 Gauge, Add	*16.31*	
		For 20 Gauge, Add	*24.46*	
		For 18 Gauge, Add	*41.02*	
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	35.72	2.47
		For Up To 100', Add	*3.97*	
		For >100 To 250', Add	*1.92*	
		For >1,000', Deduct	*-0.27*	
		For 316 Stainless Steel, Add	*12.56*	
		For 24 Gauge, Add	*10.91*	
		For 22 Gauge, Add	*21.81*	
		For 20 Gauge, Add	*32.72*	
		For 18 Gauge, Add	*54.86*	
07 71 23 00-0277		Stainless Steel Devices *(07 71 23 00-0228)*		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	205.64	23.10
		For 316 Stainless Steel, Add	*48.88*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	476.70	23.10
		For 316 Stainless Steel, Add	*161.64*	
07 71 23 00-0280		Vinyl Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0281		Vinyl Gutters *(07 71 23 00-0280)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		K-Style Vinyl Gutters *(07 71 23 00-0281)*		
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	10.45	2.57
		For Up To 100', Add	*1.69*	
		For >100' To 250', Add	*0.74*	
		For >1,000', Deduct	*-0.43*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	13.63	2.57
		For Up To 100', Add	*2.01*	
		For >100' To 250', Add	*0.90*	
		For >1,000', Deduct	*-0.43*	
07 71 23 00-0285		Half Round Vinyl Gutters *(07 71 23 00-0281)*		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	10.82	2.57
		For Up To 100', Add	*1.72*	
		For >100' To 250', Add	*0.76*	
		For >1,000', Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	11.40	2.57
		For Up To 100', Add	*1.78*	
		For >100' To 250', Add	*0.78*	
		For >1,000', Deduct	*-0.43*	
07 71 23 00-0288		Vinyl Gutter End Caps *(07 71 23 00-0280)*		
07 71 23 00-0289		K-Style, Vinyl Gutter End Caps *(07 71 23 00-0288)*		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	6.54	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	9.17	
07 71 23 00-0292		Half Round, Vinyl Gutter End Caps *(07 71 23 00-0288)*		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	7.51	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	7.07	
07 71 23 00-0295		Vinyl Gutter Miters *(07 71 23 00-0280)*		
		Note: Inside or outside miters.		
07 71 23 00-0296		K-Style, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	16.47	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	24.99	
07 71 23 00-0299		Half Round, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	16.47	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	17.94	
07 71 23 00-0302		Vinyl Downspouts *(07 71 23 00-0280)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		Round Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	6.88	2.47
		For Up To 100', Add	*1.09*	
		For >100 To 250', Add	*0.48*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	7.19	2.47
		For Up To 100', Add	*1.12*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0306		Square Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	6.76	2.47
		For Up To 100', Add	*1.08*	
		For >100 To 250', Add	*0.47*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0308		Rectangular Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	8.75	2.47
		For Up To 100', Add	*1.28*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.27*	
07 71 23 00-0310		Gutter And Downspout Boots *(07 71 23)*		
07 71 23 00-0311		Cast Iron Roof Drainage Downspout Boots *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	312.28	3.70
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	407.43	3.70
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	486.54	3.70
07 71 23 00-0315		Cast Iron Roof Drainage Downspout Boots With Cleanouts *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	540.95	3.70
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	661.13	3.70
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,200.82	3.70
07 71 23 00-0319		Wall Mounted Downspout Covers With Hinged Perforated Cover *(07 71 23)*		
07 71 23 00-0320	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,078.25	26.13
		For Polished Brass Finish (-PB), Add	*102.60*	
		For Chrome Plated Finish (-CP), Add	*153.90*	
		For Vandal Proof (-U), Add	*51.30*	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,095.67	34.83
		For Polished Brass Finish (-PB), Add	*102.60*	
		For Chrome Plated Finish (-CP), Add	*153.90*	
		For Vandal Proof (-U), Add	*51.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,175.48	45.94
		For Polished Brass Finish (-PB), Add	*108.36*	
		For Chrome Plated Finish (-CP), Add	*162.54*	
		For Vandal Proof (-U), Add	*54.18*	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,251.76	58.01
		For Polished Brass Finish (-PB), Add	*113.58*	
		For Chrome Plated Finish (-CP), Add	*170.36*	
		For Vandal Proof (-U), Add	*56.79*	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,344.72	71.47
		For Polished Brass Finish (-PB), Add	*120.18*	
		For Chrome Plated Finish (-CP), Add	*180.27*	
		For Vandal Proof (-U), Add	*60.09*	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,474.34	99.77
		For Polished Brass Finish (-PB), Add	*127.48*	
		For Chrome Plated Finish (-CP), Add	*191.22*	
		For Vandal Proof (-U), Add	*63.74*	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,624.31	138.75
		For Polished Brass Finish (-PB), Add	*134.68*	
		For Chrome Plated Finish (-CP), Add	*202.02*	
		For Vandal Proof (-U), Add	*67.34*	

07 71 23 00-0327 Wall Mounted Downspout Nozzle *(07 71 23)*

07 71 23 00-0328	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	273.74	26.13
		For Nickel Bronze Finish (-NB), Add	*155.04*	
		For Polished Bronze Finish (-PB), Add	*121.82*	
		For Chrome Plated Finish (-CP), Add	*197.13*	
07 71 23 00-0329	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	291.16	34.83
		For Nickel Bronze Finish (-NB), Add	*155.04*	
		For Polished Bronze Finish (-PB), Add	*121.82*	
		For Chrome Plated Finish (-CP), Add	*197.13*	
07 71 23 00-0330	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	617.29	45.94
		For Nickel Bronze Finish (-NB), Add	*157.62*	
		For Polished Bronze Finish (-PB), Add	*89.32*	
		For Chrome Plated Finish (-CP), Add	*231.18*	
07 71 23 00-0331	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	913.57	58.01
		For Nickel Bronze Finish (-NB), Add	*135.59*	
		For Polished Bronze Finish (-PB), Add	*103.68*	
		For Chrome Plated Finish (-CP), Add	*231.29*	
07 71 23 00-0332	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,178.35	71.47
		For Nickel Bronze Finish (-NB), Add	*176.02*	
		For Polished Bronze Finish (-PB), Add	*134.61*	
		For Chrome Plated Finish (-CP), Add	*300.27*	
07 71 23 00-0333	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,502.15	99.77
		For Nickel Bronze Finish (-NB), Add	*221.44*	
		For Polished Bronze Finish (-PB), Add	*169.34*	
		For Chrome Plated Finish (-CP), Add	*377.76*	

07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	2.75	0.75
		For Up To 100', Add	*0.50*	
		For >100' To 250', Add	*0.21*	
		For >1,000', Deduct	*-0.15*	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	2.59	0.75
		For Up To 100', Add	*0.48*	
		For >100' To 250', Add	*0.20*	
		For >1,000', Deduct	*-0.15*	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	12.23	0.93
		For Up To 100', Add	*1.51*	
		For >100' To 250', Add	*0.71*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0338	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	17.43	0.93
		For Up To 100', Add	*2.03*	
		For >100' To 250', Add	*0.97*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0339	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	9.31	0.93
		For Up To 100', Add	*1.15*	
		For >100' To 250', Add	*0.54*	
		For >1,000', Deduct	*-0.15*	
07 71 23 00-0340	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	14.29	0.93
		For Up To 100', Add	*1.65*	
		For >100' To 250', Add	*0.79*	
		For >1,000', Deduct	*-0.15*	
07 71 23 00-0341	EA	Cleanout Roof Drain	139.21	
		Note: Includes removing dome and flushing.		
07 71 23 00-0342	LF	Cleanout Roof Gutters And Downspouts	1.64	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0003		Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*		
07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.91	4.55
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.12	4.55
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.49	4.55
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.91	4.55
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.71	4.55
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.64	4.55
07 71 26 00-0010		KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*		
07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.42	4.55
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.73	4.55
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.27	4.55
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	23.31	4.55
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	24.48	4.55
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	25.83	4.55
07 71 26 00-0017		Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0018		KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	13.65	4.55
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	14.36	4.55
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.08	4.55
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.60	4.55
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.75	4.55
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.42	4.55
07 71 26 00-0025		Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.01	4.55
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.46	4.55
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.92	4.55
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.25	4.55
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.99	4.55
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.06	4.55
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.31	4.55
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.97	4.55
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.64	4.55
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.12	4.55
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.18	4.55
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.73	4.55
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	16.08	4.55
07 71 26 00-0042	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	17.31	4.55
07 71 26 00-0043		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0043)*		
07 71 26 00-0045	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	48.08	4.55

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	514.58	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	528.80	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	558.46	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	612.99	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*112.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	653.29	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*120.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	837.05	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	533.54	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	560.83	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	591.65	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	603.50	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	799.12	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*148.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	871.45	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	669.89	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*123.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	723.25	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	749.33	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	821.66	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*151.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	872.64	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	942.59	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	749.33	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	795.58	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	870.27	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	893.98	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	968.67	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	545.40	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	552.51	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	582.16	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	643.81	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	688.85	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	865.50	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	554.88	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	624.84	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	672.26	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	726.79	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*135.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	837.05	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	918.86	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	698.34	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*129.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	746.96	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	784.89	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	859.59	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	917.69	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	994.75	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	784.89	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	833.51	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	910.57	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	941.39	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,020.83	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	561.99	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.11	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	594.02	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	662.77	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*122.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	714.93	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*132.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	898.70	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.11	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	594.02	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	714.93	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*132.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	771.84	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	865.50	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	949.69	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	717.31	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	684.82	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*125.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	808.60	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	888.04	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	946.14	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,027.94	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	808.60	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	859.59	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	941.39	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	972.22	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,056.39	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	
07 72 13 00-0076		14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0077		9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	488.50	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	519.32	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	601.13	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	672.26	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	724.42	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*134.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	936.63	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	576.22	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	620.10	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*113.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	643.81	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	665.15	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*122.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	879.73	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	966.28	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	726.79	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*135.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	782.52	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	820.46	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	902.27	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	960.36	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,044.54	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	820.46	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	871.45	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	955.62	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	988.81	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,075.36	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	509.84	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	545.40	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	636.69	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*117.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	714.93	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*132.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	778.95	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	946.11	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	607.04	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*112.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	658.03	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*121.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	688.85	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	717.31	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	936.63	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,035.04	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	769.47	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*143.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	829.94	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	874.99	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	959.17	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,026.75	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,120.40	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	874.99	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	933.09	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,022.01	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,057.57	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,155.97	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	526.43	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	564.37	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*109.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.28*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	658.03	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*121.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	743.39	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*87.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*177.02*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*190.94*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	814.51	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,021.98	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*145.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*234.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*272.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	630.75	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*117.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*125.80*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	698.34	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*129.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*83.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*200.89*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	741.01	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	750.50	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*139.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	979.31	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,082.46	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*29.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*150.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.30*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	797.92	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	758.41	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*129.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*210.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*250.61*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	910.55	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,001.85	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*268.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*332.16*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,069.42	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,172.56	146.48
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*246.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*371.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*439.57*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	910.55	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	975.77	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0146		EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,062.31	135.21
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.71*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.94*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*242.66*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*340.12*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*397.80*	
07 72 13 00-0147		EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,104.99	135.21
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.98*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.48*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0148		EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,208.13	146.48
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.17*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.98*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*306.31*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*405.76*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*533.05*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151		EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	474.03	90.15
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.39*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.79*	
07 72 13 00-0152		EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	604.43	90.15
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.43*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*111.87*	
07 72 13 00-0153		EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	699.49	101.41
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.81*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*129.76*	
07 72 13 00-0154		EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	803.62	101.41
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.22*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.58*	
07 72 13 00-0155		EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	886.71	112.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.40*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.07*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157		EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	664.98	90.15
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.48*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*123.98*	
07 72 13 00-0158		EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	841.96	90.15
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.18*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.38*	
07 72 13 00-0159		EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	869.49	101.41
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.81*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.76*	
07 72 13 00-0160		EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	936.02	101.41
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.46*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.06*	
07 72 13 00-0161		EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,051.71	112.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.90*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.07*	
07 72 13 00-0162		EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,887.32	123.95
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*176.34*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*365.07*	

07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0164		EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	978.68	90.15
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.85*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,159.66	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.92*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,397.10	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.28*	

07 72 13 00-0167 Wood, Prefabricated Roof Curbs *(07 72 13)*

Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.

07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	341.39	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	375.86	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	427.58	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	421.61	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	435.53	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	491.89	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	431.56	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	509.79	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	554.86	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	473.98	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	520.39	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	594.64	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	353.32	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	389.79	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	465.37	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	445.48	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	465.37	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	521.72	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	453.43	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	537.63	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	582.70	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	495.86	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	546.25	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	622.48	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	361.28	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	403.71	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	469.35	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	459.40	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	483.27	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	541.61	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	467.36	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	555.53	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	600.60	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	509.79	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	562.16	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	642.37	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	

07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	371.22	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	411.66	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	487.25	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	503.16	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	563.49	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	485.26	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	575.42	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	624.47	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*111.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	578.07	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0218		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0219		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	357.30	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	389.79	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	453.43	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	439.51	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	457.41	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	515.75	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	449.46	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	531.67	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	576.74	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	497.85	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	542.27	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	622.48	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	

07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	371.22	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	405.70	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	477.30	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	463.38	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	489.24	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	551.56	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	477.30	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	565.48	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	614.53	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*109.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	523.71	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	572.11	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	656.30	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*117.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0245		2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	383.16	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	421.61	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	501.17	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	481.28	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*103.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*190.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.79*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	513.10	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	577.41	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	495.20	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	587.36	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	638.39	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	543.60	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*90.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*165.68*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	593.99	123.95
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	682.15	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*122.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*36.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.86*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*233.31*	
07 72 13 00-0258		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	407.03	90.15
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*43.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*85.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*107.41*	
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	433.54	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*65.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*135.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*149.18*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	519.07	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*115.66*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*127.59*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	532.99	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*113.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.83*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	653.00	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*119.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*169.06*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	552.88	101.41
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*107.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*194.92*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*216.80*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	656.97	112.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*120.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*153.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*222.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*290.39*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	717.95	135.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*130.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*142.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*191.84*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0267	EA			62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	667.58	123.95
				For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.36*	
				For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*121.12*	
				For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*186.97*	
				For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*284.43*	
				For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*346.09*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA			6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	180.42	28.68
				For Curb Or Flange Base, Add	*191.04*	
07 72 23 00-0004	EA			9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	217.79	31.76
				For Curb Or Flange Base, Add	*209.27*	
07 72 23 00-0005	EA			12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	232.90	37.91
				For Curb Or Flange Base, Add	*230.25*	
07 72 23 00-0006	EA			15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	465.46	42.00
				For Curb Or Flange Base, Add	*389.01*	
07 72 23 00-0007	EA			18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	647.34	47.12
				For Curb Or Flange Base, Add	*420.00*	
07 72 23 00-0008	EA			21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	784.54	51.22
				For Curb Or Flange Base, Add	*456.33*	
07 72 23 00-0009	EA			24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,006.54	57.36
				For Curb Or Flange Base, Add	*563.46*	
07 72 23 00-0010	EA			36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,673.13	76.83
				For Curb Or Flange Base, Add	*940.24*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA			6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	137.85	28.68
				For Curb Or Flange Base, Add	*164.65*	
07 72 23 00-0013	EA			9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	172.01	31.76
				For Curb Or Flange Base, Add	*181.30*	
07 72 23 00-0014	EA			12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	192.54	37.91
				For Curb Or Flange Base, Add	*200.99*	
07 72 23 00-0015	EA			15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	344.05	42.00
				For Curb Or Flange Base, Add	*344.65*	
07 72 23 00-0016	EA			18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	444.29	47.12
				For Curb Or Flange Base, Add	*368.26*	
07 72 23 00-0017	EA			21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	562.42	51.22
				For Curb Or Flange Base, Add	*415.04*	
07 72 23 00-0018	EA			24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	759.93	57.36
				For Curb Or Flange Base, Add	*501.47*	
07 72 23 00-0019	EA			36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,132.34	76.83
				For Curb Or Flange Base, Add	*754.34*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA			6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	149.80	28.68
				For Curb Or Flange Base, Add	*191.04*	
07 72 23 00-0023	EA			9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	200.28	31.76
				For Curb Or Flange Base, Add	*209.27*	
07 72 23 00-0024	EA			12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	218.55	37.91
				For Curb Or Flange Base, Add	*230.25*	
07 72 23 00-0025	EA			15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	386.90	42.00
				For Curb Or Flange Base, Add	*389.01*	
07 72 23 00-0026	EA			18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	448.52	47.12
				For Curb Or Flange Base, Add	*420.00*	
07 72 23 00-0027	EA			21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	644.03	51.22
				For Curb Or Flange Base, Add	*456.33*	
07 72 23 00-0028	EA			24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	843.69	57.36
				For Curb Or Flange Base, Add	*563.46*	
07 72 23 00-0029	EA			36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,226.41	76.83
				For Curb Or Flange Base, Add	*940.24*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA			6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	132.47	28.68
				For Curb Or Flange Base, Add	*164.65*	
07 72 23 00-0032	EA			9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	175.22	31.76
				For Curb Or Flange Base, Add	*181.30*	
07 72 23 00-0033	EA			12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	195.23	37.91
				For Curb Or Flange Base, Add	*200.99*	
07 72 23 00-0034	EA			15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	318.71	42.00
				For Curb Or Flange Base, Add	*344.65*	
07 72 23 00-0035	EA			18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	401.25	47.12
				For Curb Or Flange Base, Add	*368.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	492.47	51.22
		For Curb Or Flange Base, Add	*415.04*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	706.15	57.36
		For Curb Or Flange Base, Add	*501.47*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,063.58	76.83
		For Curb Or Flange Base, Add	*754.34*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	263.75	46.10
		For Backdraft Damper, Add	*146.10*	
		For Curb Base, Add	*212.12*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	332.60	51.22
		For Backdraft Damper, Add	*159.85*	
		For Curb Base, Add	*231.96*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	375.39	61.47
		For Backdraft Damper, Add	*218.29*	
		For Curb Base, Add	*294.50*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	459.52	67.62
		For Backdraft Damper, Add	*249.23*	
		For Curb Base, Add	*341.66*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,242.89	92.20
		For Backdraft Damper, Add	*312.83*	
		For Curb Base, Add	*449.50*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,519.39	106.54
		For Backdraft Damper, Add	*369.55*	
		For Curb Base, Add	*537.75*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,076.04	122.93
		For Backdraft Damper, Add	*369.55*	
		For Curb Base, Add	*558.08*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,928.40	133.18
		For Backdraft Damper, Add	*386.74*	
		For Curb Base, Add	*577.65*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	4,225.96	143.42
		For Backdraft Damper, Add	*429.71*	
		For Curb Base, Add	*650.51*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	640.50	51.22
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	741.87	67.62
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,074.61	92.20
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,713.45	106.54

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	11.09	2.97
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	45.93	18.48
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	43.22	18.48

07 72 26 00-0005 Galvanized Ridge Vents *(07 72 26)*

07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	12.61	3.18

07 72 29 Rafter Vent *(07 72)*

07 72 29 00-0001 Rafter Vent *(07 72 29)*

Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 72 29 00-0002	EA	22" x 4' Rafter Vent	9.44	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	8.45	

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001 Galvanized Steel Cover And Curb *(07 72 33)*

07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	1,243.86	134.03
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,840.52	148.92
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	3,269.17	203.09
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,816.76	148.92
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,051.18	165.49
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,379.30	225.71

07 72 33 00-0008 Aluminum Cover And Curb *(07 72 33)*

07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,135.99	134.03
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,479.77	148.92
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,698.36	203.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,448.79	148.92
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,594.63	165.49
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,845.14	225.71
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,627.31	148.92
07 72 33 00-0016		Steel, Plain, Primed *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	1,191.02	134.03
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,621.07	148.92
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	2,221.08	203.09
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,504.78	148.92
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,849.90	165.49
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,513.81	225.71
07 72 33 00-0023		Stainless Steel *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,515.00	134.03
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	4,823.40	148.92
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	7,255.39	203.09
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	3,869.16	148.92
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	8,191.22	165.49
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	9,170.91	225.71
07 72 33 00-0030		Removal And Reinstallation Of Roof Hatch *(07 72 33)* Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	412.26	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	1,099.86	148.92
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,443.64	165.49
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,604.43	225.62
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,419.88	153.58
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,515.15	170.15
07 72 33 00-0038		Roof Hatch Accessories *(07 72 33)*		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	781.79	69.81
07 72 33 00-0040		Roof Hatch Safety Railing *(07 72 33)* Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24)	1,847.57	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36)	1,917.42	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30)	1,966.93	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36)	2,142.65	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36)	2,345.20	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48)	3,011.27	
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		Fire Vent *(07 72 36)*		
07 72 36 00-0002		Galvanized Steel Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	3,326.09	124.16
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	3,818.59	170.70
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	4,355.12	186.24
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	4,439.53	195.56
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	5,167.15	170.70
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	5,492.34	186.24
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	5,797.38	201.79
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	6,605.63	217.34
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	8,208.94	232.78
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	5,485.40	201.79
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	11,593.55	248.33
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	6,313.14	263.87
07 72 36 00-0015		Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,527.16	124.16
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	2,893.22	170.70
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	3,256.08	186.24
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	3,371.20	195.56
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	3,276.17	170.70
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	4,188.15	186.24
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	4,478.74	201.79
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	4,357.51	217.34
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	6,129.31	232.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	4,225.86	201.79
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	8,045.62	248.33
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	4,138.30	263.87
07 72 36 00-0028		Aluminum Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,758.37	124.16
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	3,276.17	170.70
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,595.68	186.24
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,804.72	195.56
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,449.57	170.70
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	4,368.79	186.24
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,637.70	201.79
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,791.03	217.34
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,818.62	232.78
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	4,428.16	201.79
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	8,789.83	248.33
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	4,571.82	263.87
07 72 36 00-0041		Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,729.47	123.79
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,456.79	170.70
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,652.98	195.56
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,926.45	170.70
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	4,140.75	217.34
07 72 46		**Roof Walkways** *(07 72)*		
07 72 46 00-0001		Recycled Rubber Walkway Pads *(07 72 46)*		
07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	10.98	2.51
		For Diamond Surface, Add	*1.01*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	12.28	3.01
		For Diamond Surface, Add	*1.18*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	13.59	3.01
		For Diamond Surface, Add	*1.32*	
07 72 63		**Waste Containment Assemblies** *(07 72)*		
07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63.00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	2,837.52	204.74
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,177.95	204.74
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	3,908.93	212.93
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	3,889.46	212.93
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,093.61	230.33
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	3,960.12	230.33
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	4,409.16	272.92
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	6,511.16	341.20
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	8,106.81	341.20
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	10,295.96	341.20
07 72 63 00-0013		Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	3,503.89	204.74
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	3,946.60	204.74
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	4,886.75	212.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	4,974.34	212.93
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	7,122.23	230.33
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	7,817.89	230.33
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	7,250.19	272.92
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	8,155.45	341.20
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	10,232.71	341.20
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	13,078.60	341.20

07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*

Note: Includes removing old filters and installing new filters.

07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*

07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	235.28	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	332.59	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	478.52	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	440.12	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	829.30	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	839.02	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	644.95	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	839.54	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,233.59	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,627.63	

07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	493.87	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	659.28	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	960.90	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	893.30	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,725.17	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,734.89	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,282.98	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,735.41	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,547.82	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,394.30	

07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	615.50	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	766.31	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,126.29	

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,063.57	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,080.29	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,070.57	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,506.78	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,090.53	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	2,937.01	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,089.97	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	3.61	0.51
		For No Adhesive, Deduct	*-0.85*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.08	0.56
		For No Adhesive, Deduct	*-0.87*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.30	0.61
		For No Adhesive, Deduct	*-0.88*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	3.67	0.51
		For No Adhesive, Deduct	*-0.85*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.16	0.56
		For No Adhesive, Deduct	*-0.87*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.38	0.61
		For No Adhesive, Deduct	*-0.88*	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	3.42	0.51
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	3.91	0.56
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.15	0.61
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	3.47	0.51
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	3.99	0.56
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.23	0.61

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.26	0.51
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.73	0.56
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.41*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.95	0.61
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.47*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	3.32	0.51
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	3.81	0.56
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.41*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.03	0.61
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.47*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.96*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	13.05	6.52
		For 1-1/2" Thickness, Deduct	*-1.31*	
		For 2-1/2" Thickness, Add	*1.53*	
		For 3" Thickness, Add	*3.06*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	11.81	4.92
		For 1-1/2" Thickness, Deduct	*-1.18*	
		For 2-1/2" Thickness, Add	*1.40*	
		For 3" Thickness, Add	*2.79*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	11.07	3.92
		For 1-1/2" Thickness, Deduct	*-1.11*	
		For 2-1/2" Thickness, Add	*1.31*	
		For 3" Thickness, Add	*2.62*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	10.58	3.41
		For 1-1/2" Thickness, Deduct	*-1.06*	
		For 2-1/2" Thickness, Add	*1.25*	
		For 3" Thickness, Add	*2.50*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	10.00	3.11
		For 1-1/2" Thickness, Deduct	*-1.00*	
		For 2-1/2" Thickness, Add	*1.18*	
		For 3" Thickness, Add	*2.36*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	23.41	1.02
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	24.43	1.02
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	25.46	1.02
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	13.12	1.02
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	11.36	1.02
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	11.65	1.02
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	6.59	1.02
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	8.57	1.02

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	5.48	
		For 20 Year Warranty, Deduct	*-0.34*	
		For 15 Year Warranty, Deduct	*-0.68*	
		For 10 Year Warranty, Deduct	*-0.91*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	7.19	
		For 20 Year Warranty, Deduct	*-0.48*	
		For 15 Year Warranty, Deduct	*-0.96*	
		For 10 Year Warranty, Deduct	*-1.30*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	8.44	
		For 20 Year Warranty, Deduct	*-0.55*	
		For 15 Year Warranty, Deduct	*-1.11*	
		For 10 Year Warranty, Deduct	*-1.51*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	10.22	
		For 20 Year Warranty, Deduct	*-0.70*	
		For 15 Year Warranty, Deduct	*-1.40*	
		For 10 Year Warranty, Deduct	*-1.89*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	1.98	0.67
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	2.73	1.00

07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0005	SF	1" Thick, Non Reinforced, Gunite Fireproofing	2.93	0.59
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing	4.22	0.59

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	15.87	
		For >10,000, Deduct	*-1.54*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	25.71	
		For >10,000, Deduct	*-2.52*	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	10.15	
		For >10,000, Deduct	*-0.96*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	22.97	
		For >10,000, Deduct	*-2.24*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	52.49	
		For >10,000, Deduct	*-5.19*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	72.40	
		For >10,000, Deduct	*-7.18*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	92.33	
		For >10,000, Deduct	*-9.17*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	112.28	
		For >10,000, Deduct	*-11.16*	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	20.91	
		For >10,000, Deduct	*-2.04*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	39.18	
		For >10,000, Deduct	*-3.86*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	62.42	
		For >10,000, Deduct	*-6.18*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	87.32	
		For >10,000, Deduct	*-8.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	110.56	
		For >10,000, Deduct	*-10.99*	
07 81 23 00-0018		Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*		
07 81 23 00-0019		Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*		
		Note: Excludes primer.		
07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	10.07	
		For >10,000, Deduct	*-0.97*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	23.26	
		For >10,000, Deduct	*-2.29*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	53.67	
		For >10,000, Deduct	*-5.32*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	74.17	
		For >10,000, Deduct	*-7.37*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	94.67	
		For >10,000, Deduct	*-9.42*	
07 81 33		**Mineral-Fiber Fireproofing** *(07 81)*		
07 81 33 00-0001		Cellulose Fireproofing *(07 81 33)*		
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.18	0.59
07 84		Firestopping *(07 80)*		
07 84 13		**Penetration Firestopping** *(07 84)*		
07 84 13 16		**Penetration Firestopping Devices** *(07 84 13)*		
07 84 13 16-0001		Firestopping Systems For Cable Penetrations *(07 84 13 16)*		
07 84 13 16-0002		Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*		
		Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	58.63	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	80.59	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	134.01	
07 84 13 16-0006		Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*		
		Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	111.71	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	199.13	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	368.47	
07 84 13 16-0010		3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)*		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	252.65	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	233.25	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	240.62	
07 84 13 16-0014		Intumescent Firestopping Pipe Collar *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	37.89	10.51
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	46.02	10.51
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	53.64	11.56
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	84.71	13.13
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	423.71	15.76
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	547.88	17.34
07 84 13 16-0021		Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*		
		Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	147.08	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	156.85	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	319.14	
		Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	199.85	
		Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0026		Intumescent Firestopping Wrap Strips *(07 84 13 16)*		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	6.25	
07 84 13 19		**Penetration Firestopping Caulk** *(07 84 13)*		
07 84 13 19-0001		Intumescent Firestopping For Sealing Pipe Penetrations *(07 84 13 19)*		
		Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	18.80	
		For Intumescent Sealant For Plastic Pipe, Add	*0.07*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.28	
		For Intumescent Sealant For Plastic Pipe, Add	*0.37*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.05	
		For Intumescent Sealant For Plastic Pipe, Add	*0.28*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	22.66	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.13	
		For Intumescent Sealant For Plastic Pipe, Add	*0.79*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.89	
		For Intumescent Sealant For Plastic Pipe, Add	*0.69*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.54*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	25.91	
		For Intumescent Sealant For Plastic Pipe, Add	*0.30*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	25.39	
		For Intumescent Sealant For Plastic Pipe, Add	*0.09*	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.12	
		For Intumescent Sealant For Plastic Pipe, Add	*1.32*	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.89	
		For Intumescent Sealant For Plastic Pipe, Add	*1.23*	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.50	
		For Intumescent Sealant For Plastic Pipe, Add	*1.08*	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.90	
		For Intumescent Sealant For Plastic Pipe, Add	*0.84*	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.39	
		For Intumescent Sealant For Plastic Pipe, Add	*0.63*	
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.17	
		For Intumescent Sealant For Plastic Pipe, Add	*0.14*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	46.19	
		For Intumescent Sealant For Plastic Pipe, Add	*3.57*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	41.99	
		For Intumescent Sealant For Plastic Pipe, Add	*1.89*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	41.61	
		For Intumescent Sealant For Plastic Pipe, Add	*1.74*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	41.00	
		For Intumescent Sealant For Plastic Pipe, Add	*1.49*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.49	
		For Intumescent Sealant For Plastic Pipe, Add	*1.29*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.28	
		For Intumescent Sealant For Plastic Pipe, Add	*0.80*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.71	
		For Intumescent Sealant For Plastic Pipe, Add	*0.18*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	63.05	
		For Intumescent Sealant For Plastic Pipe, Add	*6.58*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	62.62	
		For Intumescent Sealant For Plastic Pipe, Add	*6.41*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	61.93	
		For Intumescent Sealant For Plastic Pipe, Add	*6.14*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	60.84	
		For Intumescent Sealant For Plastic Pipe, Add	*5.70*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	59.92	
		For Intumescent Sealant For Plastic Pipe, Add	*5.33*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	52.78	
		For Intumescent Sealant For Plastic Pipe, Add	*2.48*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	51.22	
		For Intumescent Sealant For Plastic Pipe, Add	*1.85*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.83	
		For Intumescent Sealant For Plastic Pipe, Add	*0.90*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	103.20	
		For Intumescent Sealant For Plastic Pipe, Add	*15.19*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	102.78	
		For Intumescent Sealant For Plastic Pipe, Add	*15.02*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	102.08	
		For Intumescent Sealant For Plastic Pipe, Add	*14.74*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	101.00	
		For Intumescent Sealant For Plastic Pipe, Add	*14.31*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	100.08	
		For Intumescent Sealant For Plastic Pipe, Add	*13.94*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	97.90	
		For Intumescent Sealant For Plastic Pipe, Add	*13.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	95.07	
		For Intumescent Sealant For Plastic Pipe, Add	*11.94*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	90.79	
		For Intumescent Sealant For Plastic Pipe, Add	*10.22*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.65	
		For Intumescent Sealant For Plastic Pipe, Add	*3.77*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	139.16	
		For Intumescent Sealant For Plastic Pipe, Add	*23.99*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	134.86	
		For Intumescent Sealant For Plastic Pipe, Add	*22.27*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	126.26	
		For Intumescent Sealant For Plastic Pipe, Add	*18.83*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	91.17	
		For Intumescent Sealant For Plastic Pipe, Add	*4.79*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	178.98	
		For Intumescent Sealant For Plastic Pipe, Add	*34.32*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	153.46	
		For Intumescent Sealant For Plastic Pipe, Add	*24.12*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	108.43	
		For Intumescent Sealant For Plastic Pipe, Add	*6.10*	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.68
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.59
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.46
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.82
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.73
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.60
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.42
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.25
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.95
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.87
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.74
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.55
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.39
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	29.97
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.96
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.87
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.75
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.56
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.40
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.98
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.40
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.73
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.64
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.52
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.31
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.12
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.70
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.17
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	72.47	
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	72.38	
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	72.26	
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	72.07	
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.91	
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.49	
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.91	
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.13	
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	68.43	
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	90.63	
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	89.84	
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.14	
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	83.34	
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	109.54	
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	104.73	
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	98.37	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	31.53	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	46.31	
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	48.17	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	50.04	
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	51.90	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	66.67	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	12.43	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	12.98	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	11.97	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	13.02	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	12.61	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	12.04	

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	35.68	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	38.33	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	41.60	

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	314.35	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	450.05	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	615.10	

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier *(07 84 16)*

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	46.22	

07 84 16 00-0026 Firestopping Caulk For Filling Opening *(07 84 16)*

07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	130.79	

07 84 16 00-0028 Firestopping Mortar For Filling Opening *(07 84 16)*

07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	166.07	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 84 23 Silicone Firestopping Foams *(07 84)*

07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings *(07 84 23)*

07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	39.20	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	98.25	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	179.05	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	279.51	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	404.38	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	549.03	

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)*

07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	342.92	83.86
		For Up To 6 CLF, Add	*19.43*	
		For >30 CLF, Deduct	*-21.71*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	388.63	83.86
		For Up To 4 CLF, Add	*22.86*	
		For >20 CLF, Deduct	*-26.28*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	443.63	86.65
		For Up To 3 CLF, Add	*26.75*	
		For >15 CLF, Deduct	*-31.32*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	466.48	86.65
		For Up To 2.5 CLF, Add	*28.46*	
		For >13 CLF, Deduct	*-33.60*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	535.00	86.65
		For Up To 2 CLF, Add	*33.60*	
		For >10 CLF, Deduct	*-40.46*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	603.53	86.65
		For Up To 1.5 CLF, Add	*38.74*	
		For >8 CLF, Deduct	*-47.31*	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	681.37	90.38
		For Up To 1.3 CLF, Add	*44.35*	
		For >7 CLF, Deduct	*-54.63*	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	635.69	90.38
		For Up To 1.4 CLF, Add	*40.92*	
		For >7.5 CLF, Deduct	*-50.06*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	736.39	93.17
		For Up To 1.15 CLF, Add	*48.24*	
		For >6 CLF, Deduct	*-59.66*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	827.76	93.17
		For Up To 1 CLF, Add	*55.09*	
		For >5 CLF, Deduct	*-68.80*	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	928.44	95.97
		For Up To 0.8 CLF, Add	*62.41*	
		For >4.5 CLF, Deduct	*-78.40*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,029.14	99.69
		For Up To 0.75 CLF, Add	*69.73*	
		For >4 CLF, Deduct	*-88.01*	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,129.83	102.49
		For Up To 0.65 CLF, Add	*77.05*	
		For >3.5 CLF, Deduct	*-97.61*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,431.89	111.81
		For Up To 0.5 CLF, Add	*99.01*	
		For >2.5 CLF, Deduct	*-126.42*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*164.47*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,834.65	123.92
		For Up To 0.4 CLF, Add	*128.28*	
		For >2 CLF, Deduct	*-164.83*	

07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*

07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	355.65	83.86
		For Up To 6 CLF, Add	*20.38*	
		For >30 CLF, Deduct	*-22.99*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	407.68	83.86
		For Up To 4 CLF, Add	*24.29*	
		For >20 CLF, Deduct	*-28.19*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	469.04	86.65
		For Up To 3 CLF, Add	*28.66*	
		For >15 CLF, Deduct	*-33.86*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	495.06	86.65
		For Up To 2.5 CLF, Add	*30.61*	
		For >13 CLF, Deduct	*-36.46*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	573.12	86.65
		For Up To 2 CLF, Add	*36.46*	
		For >10 CLF, Deduct	*-44.27*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	651.17	86.65
		For Up To 1.5 CLF, Add	*42.32*	
		For >8 CLF, Deduct	*-52.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	738.54	90.38
		For Up To 1.3 CLF, Add	*48.64*	
		For >7 CLF, Deduct	*-60.34*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	686.50	90.38
		For Up To 1.4 CLF, Add	*44.73*	
		For >7.5 CLF, Deduct	*-55.14*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	799.91	93.17
		For Up To 1.15 CLF, Add	*53.01*	
		For >6 CLF, Deduct	*-66.01*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	903.99	93.17
		For Up To 1 CLF, Add	*60.81*	
		For >5 CLF, Deduct	*-76.42*	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,017.37	95.97
		For Up To 0.8 CLF, Add	*69.08*	
		For >4.5 CLF, Deduct	*-87.30*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,130.77	99.69
		For Up To 0.75 CLF, Add	*77.35*	
		For >4 CLF, Deduct	*-98.17*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,244.16	102.49
		For Up To 0.65 CLF, Add	*85.63*	
		For >3.5 CLF, Deduct	*-109.04*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,584.34	111.81
		For Up To 0.5 CLF, Add	*110.44*	
		For >2.5 CLF, Deduct	*-141.66*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,037.91	123.92
		For Up To 0.4 CLF, Add	*143.53*	
		For >2 CLF, Deduct	*-185.16*	

07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*

07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	305.40	83.86
		For Up To 6 CLF, Add	*16.62*	
		For >30 CLF, Deduct	*-17.96*	
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	332.32	83.86
		For Up To 4 CLF, Add	*18.63*	
		For >20 CLF, Deduct	*-20.65*	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	368.55	86.65
		For Up To 3 CLF, Add	*21.12*	
		For >15 CLF, Deduct	*-23.81*	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	382.01	86.65
		For Up To 2.5 CLF, Add	*22.13*	
		For >13 CLF, Deduct	*-25.16*	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	422.39	86.65
		For Up To 2 CLF, Add	*25.16*	
		For >10 CLF, Deduct	*-29.19*	
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	462.76	86.65
		For Up To 1.5 CLF, Add	*28.18*	
		For >8 CLF, Deduct	*-33.23*	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	512.45	90.38
		For Up To 1.3 CLF, Add	*31.68*	
		For >7 CLF, Deduct	*-37.74*	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	485.53	90.38
		For Up To 1.4 CLF, Add	*29.66*	
		For >7.5 CLF, Deduct	*-35.04*	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	548.69	93.17
		For Up To 1.15 CLF, Add	*34.16*	
		For >6 CLF, Deduct	*-40.89*	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	602.52	93.17
		For Up To 1 CLF, Add	*38.20*	
		For >5 CLF, Deduct	*-46.28*	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	665.67	95.97
		For Up To 0.8 CLF, Add	*42.70*	
		For >4.5 CLF, Deduct	*-52.13*	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	728.82	99.69
		For Up To 0.75 CLF, Add	*47.21*	
		For >4 CLF, Deduct	*-57.97*	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	791.97	102.49
		For Up To 0.65 CLF, Add	*51.71*	
		For >3.5 CLF, Deduct	*-63.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0047		CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	981.42	111.81
			For Up To 0.5 CLF, Add	*65.22*	
			For >2.5 CLF, Deduct	*-81.37*	
07 84 43 00-0048		CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,234.02	123.92
			For Up To 0.4 CLF, Add	*83.23*	
			For >2 CLF, Deduct	*-104.77*	

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002		SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	9.69	
			For Work In Restricted Working Space, Add	*1.18*	
07 84 56 13-0003		SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	15.91	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.18*	
07 84 56 13-0004		SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	17.40	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.18*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006		SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	16.68	9.46
			For Work In Restricted Working Space, Add	*3.80*	
			For >500 To 5,000, Deduct	*-1.56*	
			For >5,000, Deduct	*-2.75*	
07 84 56 13-0007		SF	1" Thermal Ceramics FireMaster Blanket Wrap	20.00	9.46
			For Work In Restricted Working Space, Add	*3.80*	
			For >500 To 5,000, Deduct	*-2.32*	
			For >5,000, Deduct	*-3.98*	
07 84 56 13-0008		SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	23.64	9.46
			For Work In Restricted Working Space, Add	*3.80*	
			For >500 To 5,000, Deduct	*-3.16*	
			For >5,000, Deduct	*-5.33*	
07 84 56 13-0009		SF	2" Thermal Ceramics FireMaster Blanket Wrap	27.29	9.46
			For Work In Restricted Working Space, Add	*3.80*	
			For >500 To 5,000, Deduct	*-4.00*	
			For >5,000, Deduct	*-6.68*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002		LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.67	0.51
07 91 23 00-0003		LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.79	0.51
07 91 23 00-0004		LF	1/2" Polyethylene Or Polyurethane Backer Rod	1.93	0.51
07 91 23 00-0005		LF	5/8" Polyethylene Or Polyurethane Backer Rod	2.06	0.51
07 91 23 00-0006		LF	3/4" Polyethylene Or Polyurethane Backer Rod	2.14	0.61
07 91 23 00-0007		LF	7/8" Polyethylene Or Polyurethane Backer Rod	2.28	0.61
07 91 23 00-0008		LF	1" Polyethylene Or Polyurethane Backer Rod	2.55	0.61
07 91 23 00-0009		LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	2.83	0.71
07 91 23 00-0010		LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	3.18	0.82
07 91 23 00-0011		LF	2" Polyethylene Or Polyurethane Backer Rod	3.82	0.92
07 91 23 00-0012		LF	3" Polyethylene Or Polyurethane Backer Rod	6.05	1.13

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002		LF	1/4" x 1/4" Butyl Rubber Filler	2.33	0.61
			For Custom Match Coloring, Add	*0.04*	
07 91 26 00-0003		LF	1/2" x 1/2" Butyl Rubber Filler	6.99	1.74
			For Custom Match Coloring, Add	*0.16*	
07 91 26 00-0004		LF	1/2" x 3/4" Butyl Rubber Filler	8.44	1.84
			For Custom Match Coloring, Add	*0.24*	
07 91 26 00-0005		LF	3/4" x 3/4" Butyl Rubber Filler	9.16	1.95
07 91 26 00-0006		LF	1" x 1" Butyl Rubber Filler	12.21	3.59

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008		CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	406.81	118.14
07 91 26 00-0009		CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	647.19	170.65
07 91 26 00-0010		CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	519.96	146.29
07 91 26 00-0011		CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	594.68	153.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	907.82	236.27
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,034.72	255.92
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	922.69	186.11
07 91 26 00-0015		Closed Cell Polyvinyl Chloride *(07 91 26)*		
07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	414.09	146.29
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	690.87	236.27
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	538.57	201.67
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	640.79	212.93
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	976.18	326.56
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,135.84	354.40
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,493.08	424.83
07 91 26 00-0023		Silicon RTV Foam Penetration Seal *(07 91 26)*		
07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	156.57	23.45
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	313.14	46.78
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	467.08	69.51
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	665.61	93.67
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	156.57	23.45
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	466.67	69.31
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	818.10	104.11
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,634.39	207.50
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	3,127.76	374.58
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,766.93	585.14
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	6,891.78	936.27
07 91 26 00-0035		Seals O-Ring Type Cord "J-Seal" *(07 91 26)*		
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	4.37	1.33
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.63	1.33
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	4.86	1.44
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	5.12	1.54
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	5.48	1.64
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	5.73	1.64
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	6.06	1.74
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	6.26	1.74

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	83.72	5.92
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	113.69	6.21
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	145.30	6.48
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	180.50	6.77
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	235.86	7.05
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	271.66	7.33
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	316.13	7.61

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	39.97	5.92
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	44.09	6.00
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	54.43	6.09
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	58.04	6.21
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	62.35	6.29
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	77.74	6.37
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	97.27	6.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	115.94	6.77
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	131.87	7.05
07 91 33 00-0020		Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*		
		Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	32.51	5.92
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	43.73	6.21
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	54.75	6.48
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	58.04	6.62
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	64.96	6.77
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	95.80	7.05
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	134.02	7.33
07 91 33 00-0028		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	31.71	2.35
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	54.07	2.45
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	82.07	2.54
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	103.81	2.63
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	137.05	2.72
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	181.78	2.82
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	223.29	2.91
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	301.66	3.01
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	352.45	3.10
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	30.90	2.35
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	41.17	2.45
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	55.67	2.54
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	76.00	2.63
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	86.87	2.72
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	121.12	2.82
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	163.23	2.91
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	176.31	3.01

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001		Silicone Sealant And Caulking *(07 92 13)*		
07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	302.32	83.86
		For Custom Match Coloring, Add	*12.18*	
		For Up To 6 CLF, Add	*16.38*	
		For >30 CLF, Deduct	*-17.65*	
		For 1 Part Mildew Resistant, Add	*17.76*	
		For High-Modulus Non-Acid Curing, Add	*10.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	327.69	83.86
		For Custom Match Coloring, Add	*18.27*	
		For Up To 4 CLF, Add	*18.29*	
		For >20 CLF, Deduct	*-20.19*	
		For 1 Part Mildew Resistant, Add	*26.64*	
		For High-Modulus Non-Acid Curing, Add	*15.22*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	362.38	86.65
		For Custom Match Coloring, Add	*24.36*	
		For Up To 3 CLF, Add	*20.66*	
		For >15 CLF, Deduct	*-23.19*	
		For 1 Part Mildew Resistant, Add	*35.52*	
		For High-Modulus Non-Acid Curing, Add	*20.30*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	375.07	86.65
		For Custom Match Coloring, Add	*27.40*	
		For Up To 2.5 CLF, Add	*21.61*	
		For >13 CLF, Deduct	*-24.46*	
		For 1 Part Mildew Resistant, Add	*39.96*	
		For High-Modulus Non-Acid Curing, Add	*22.84*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	413.13	86.65
		For Custom Match Coloring, Add	*36.54*	
		For Up To 2 CLF, Add	*24.46*	
		For >10 CLF, Deduct	*-28.27*	
		For 1 Part Mildew Resistant, Add	*53.28*	
		For High-Modulus Non-Acid Curing, Add	*30.45*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	451.19	86.65
		For Custom Match Coloring, Add	*45.67*	
		For Up To 1.5 CLF, Add	*27.32*	
		For >8 CLF, Deduct	*-32.07*	
		For 1 Part Mildew Resistant, Add	*66.61*	
		For High-Modulus Non-Acid Curing, Add	*38.06*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	498.56	90.38
		For Custom Match Coloring, Add	*54.81*	
		For Up To 1.3 CLF, Add	*30.64*	
		For >7 CLF, Deduct	*-36.35*	
		For 1 Part Mildew Resistant, Add	*79.93*	
		For High-Modulus Non-Acid Curing, Add	*45.67*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	473.19	90.38
		For Custom Match Coloring, Add	*48.72*	
		For Up To 1.4 CLF, Add	*28.73*	
		For >7.5 CLF, Deduct	*-33.81*	
		For 1 Part Mildew Resistant, Add	*71.05*	
		For High-Modulus Non-Acid Curing, Add	*40.60*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	533.26	93.17
		For Custom Match Coloring, Add	*60.90*	
		For Up To 1.15 CLF, Add	*33.01*	
		For >6 CLF, Deduct	*-39.35*	
		For 1 Part Mildew Resistant, Add	*88.81*	
		For High-Modulus Non-Acid Curing, Add	*50.75*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	584.01	93.17
		For Custom Match Coloring, Add	*73.08*	
		For Up To 1 CLF, Add	*36.81*	
		For >5 CLF, Deduct	*-44.42*	
		For 1 Part Mildew Resistant, Add	*106.57*	
		For High-Modulus Non-Acid Curing, Add	*60.90*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	644.07	95.97
		For Custom Match Coloring, Add	*85.26*	
		For Up To 0.8 CLF, Add	*41.08*	
		For >4.5 CLF, Deduct	*-49.97*	
		For 1 Part Mildew Resistant, Add	*124.33*	
		For High-Modulus Non-Acid Curing, Add	*71.05*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	704.13	99.69
		For Custom Match Coloring, Add	*97.43*	
		For Up To 0.75 CLF, Add	*45.36*	
		For >4 CLF, Deduct	*-55.51*	
		For 1 Part Mildew Resistant, Add	*142.09*	
		For High-Modulus Non-Acid Curing, Add	*81.19*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	764.20	102.49
		For Custom Match Coloring, Add	*109.61*	
		For Up To 0.65 CLF, Add	*49.63*	
		For >3.5 CLF, Deduct	*-61.05*	
		For 1 Part Mildew Resistant, Add	*159.85*	
		For High-Modulus Non-Acid Curing, Add	*91.34*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	944.39	111.81
		For Custom Match Coloring, Add	*146.15*	
		For Up To 0.5 CLF, Add	*62.44*	
		For >2.5 CLF, Deduct	*-77.67*	
		For 1 Part Mildew Resistant, Add	*213.14*	
		For High-Modulus Non-Acid Curing, Add	*121.79*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,184.65	123.92
		For Custom Match Coloring, Add	*194.87*	
		For Up To 0.4 CLF, Add	*79.53*	
		For >2 CLF, Deduct	*-99.83*	
		For 1 Part Mildew Resistant, Add	*284.18*	
		For High-Modulus Non-Acid Curing, Add	*162.39*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0017		Acrylic/Latex Sealant And Caulking *(07 92 13)*			
07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking		269.37	83.86
		For Up To 6 CLF, Add		*13.91*	
		For >30 CLF, Deduct		*-14.36*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking		278.28	83.86
		For Up To 4 CLF, Add		*14.58*	
		For >20 CLF, Deduct		*-15.25*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking		296.50	86.65
		For Up To 3 CLF, Add		*15.72*	
		For >15 CLF, Deduct		*-16.61*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking		300.95	86.65
		For Up To 2.5 CLF, Add		*16.05*	
		For >13 CLF, Deduct		*-17.05*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking		314.30	86.65
		For Up To 2 CLF, Add		*17.05*	
		For >10 CLF, Deduct		*-18.39*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking		327.65	86.65
		For Up To 1.5 CLF, Add		*18.05*	
		For >8 CLF, Deduct		*-19.72*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking		350.32	90.38
		For Up To 1.3 CLF, Add		*19.52*	
		For >7 CLF, Deduct		*-21.52*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking		341.41	90.38
		For Up To 1.4 CLF, Add		*18.85*	
		For >7.5 CLF, Deduct		*-20.63*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking		368.55	93.17
		For Up To 1.15 CLF, Add		*20.65*	
		For >6 CLF, Deduct		*-22.88*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking		386.35	93.17
		For Up To 1 CLF, Add		*21.99*	
		For >5 CLF, Deduct		*-24.66*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking		413.47	95.97
		For Up To 0.8 CLF, Add		*23.79*	
		For >4.5 CLF, Deduct		*-26.91*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking		440.59	99.69
		For Up To 0.75 CLF, Add		*25.59*	
		For >4 CLF, Deduct		*-29.15*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking		467.71	102.49
		For Up To 0.65 CLF, Add		*27.39*	
		For >3.5 CLF, Deduct		*-31.40*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking		549.07	111.81
		For Up To 0.5 CLF, Add		*32.79*	
		For >2.5 CLF, Deduct		*-38.14*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking		657.56	123.92
		For Up To 0.4 CLF, Add		*40.00*	
		For >2 CLF, Deduct		*-47.12*	
07 92 13 00-0033		Polyurethane Sealant And Caulking *(07 92 13)*			
		Note: 1 or 2 part, non-sag.			
07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking		290.49	83.86
		For Up To 6 CLF, Add		*15.50*	
		For >30 CLF, Deduct		*-16.47*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking		309.95	83.86
		For Up To 4 CLF, Add		*16.96*	
		For >20 CLF, Deduct		*-18.42*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking		338.73	86.65
		For Up To 3 CLF, Add		*18.88*	
		For >15 CLF, Deduct		*-20.83*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking		348.46	86.65
		For Up To 2.5 CLF, Add		*19.61*	
		For >13 CLF, Deduct		*-21.80*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking		377.65	86.65
		For Up To 2 CLF, Add		*21.80*	
		For >10 CLF, Deduct		*-24.72*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking		406.84	86.65
		For Up To 1.5 CLF, Add		*23.99*	
		For >8 CLF, Deduct		*-27.64*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking		445.34	90.38
		For Up To 1.3 CLF, Add		*26.65*	
		For >7 CLF, Deduct		*-31.02*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking		425.88	90.38
		For Up To 1.4 CLF, Add		*25.19*	
		For >7.5 CLF, Deduct		*-29.08*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking		474.13	93.17
		For Up To 1.15 CLF, Add		*28.57*	
		For >6 CLF, Deduct		*-33.44*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking		513.06	93.17
		For Up To 1 CLF, Add		*31.49*	
		For >5 CLF, Deduct		*-37.33*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking		561.29	95.97
		For Up To 0.8 CLF, Add		*34.88*	
		For >4.5 CLF, Deduct		*-41.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	609.53	99.69
		For Up To 0.75 CLF, Add	*38.26*	
		For >4 CLF, Deduct	*-46.05*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	657.77	102.49
		For Up To 0.65 CLF, Add	*41.65*	
		For >3.5 CLF, Deduct	*-50.40*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	802.48	111.81
		For Up To 0.5 CLF, Add	*51.80*	
		For >2.5 CLF, Deduct	*-63.48*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	294.18	83.86
		For Up To 6 CLF, Add	*15.77*	
		For >30 CLF, Deduct	*-16.84*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	315.51	83.86
		For Up To 4 CLF, Add	*17.37*	
		For >20 CLF, Deduct	*-18.97*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	346.14	86.65
		For Up To 3 CLF, Add	*19.44*	
		For >15 CLF, Deduct	*-21.57*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	356.79	86.65
		For Up To 2.5 CLF, Add	*20.24*	
		For >13 CLF, Deduct	*-22.63*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	388.77	86.65
		For Up To 2 CLF, Add	*22.64*	
		For >10 CLF, Deduct	*-25.83*	
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	420.73	86.65
		For Up To 1.5 CLF, Add	*25.03*	
		For >8 CLF, Deduct	*-29.03*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	462.00	90.38
		For Up To 1.3 CLF, Add	*27.90*	
		For >7 CLF, Deduct	*-32.69*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	440.70	90.38
		For Up To 1.4 CLF, Add	*26.30*	
		For >7.5 CLF, Deduct	*-30.56*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	492.66	93.17
		For Up To 1.15 CLF, Add	*29.96*	
		For >6 CLF, Deduct	*-35.29*	
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	535.27	93.17
		For Up To 1 CLF, Add	*33.16*	
		For >5 CLF, Deduct	*-39.55*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	587.22	95.97
		For Up To 0.8 CLF, Add	*36.82*	
		For >4.5 CLF, Deduct	*-44.28*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	639.15	99.69
		For Up To 0.75 CLF, Add	*40.48*	
		For >4 CLF, Deduct	*-49.01*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	691.11	102.49
		For Up To 0.65 CLF, Add	*44.15*	
		For >3.5 CLF, Deduct	*-53.74*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	846.92	111.81
		For Up To 0.5 CLF, Add	*55.13*	
		For >2.5 CLF, Deduct	*-67.92*	

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	303.23	83.86
		For Up To 6 CLF, Add	*16.45*	
		For >30 CLF, Deduct	*-17.74*	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	329.05	83.86
		For Up To 4 CLF, Add	*18.39*	
		For >20 CLF, Deduct	*-20.33*	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	364.20	86.65
		For Up To 3 CLF, Add	*20.79*	
		For >15 CLF, Deduct	*-23.38*	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	377.12	86.65
		For Up To 2.5 CLF, Add	*21.76*	
		For >13 CLF, Deduct	*-24.67*	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	415.86	86.65
		For Up To 2 CLF, Add	*24.67*	
		For >10 CLF, Deduct	*-28.54*	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	454.60	86.65
		For Up To 1.5 CLF, Add	*27.57*	
		For >8 CLF, Deduct	*-32.42*	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	502.65	90.38
		For Up To 1.3 CLF, Add	*30.94*	
		For >7 CLF, Deduct	*-36.76*	
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	476.83	90.38
		For Up To 1.4 CLF, Add	*29.01*	
		For >7.5 CLF, Deduct	*-34.17*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0072		CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	537.81	93.17
			For Up To 1.15 CLF, Add	*33.35*	
			For >6 CLF, Deduct	*-39.80*	
07 92 13 00-0073		CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	589.47	93.17
			For Up To 1 CLF, Add	*37.22*	
			For >5 CLF, Deduct	*-44.97*	
07 92 13 00-0074		CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	650.43	95.97
			For Up To 0.8 CLF, Add	*41.56*	
			For >4.5 CLF, Deduct	*-50.60*	
07 92 13 00-0075		CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	711.41	99.69
			For Up To 0.75 CLF, Add	*45.90*	
			For >4 CLF, Deduct	*-56.23*	
07 92 13 00-0076		CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	772.39	102.49
			For Up To 0.65 CLF, Add	*50.24*	
			For >3.5 CLF, Deduct	*-61.87*	
07 92 13 00-0077		CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	955.31	111.81
			For Up To 0.5 CLF, Add	*63.26*	
			For >2.5 CLF, Deduct	*-78.76*	

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002		CLF	1/4" x 1/4" Joint, Acoustical Sealant	298.87	83.86
			For Custom Match Coloring, Add	*11.35*	
			For Up To 6 CLF, Add	*16.13*	
			For >30 CLF, Deduct	*-17.31*	
			For 1 Part Mildew Resistant, Add	*16.56*	
			For High-Modulus Non-Acid Curing, Add	*9.46*	
07 92 19 00-0003		CLF	1/4" x 3/8" Joint, Acoustical Sealant	316.84	83.86
			For Custom Match Coloring, Add	*15.66*	
			For Up To 4 CLF, Add	*17.47*	
			For >20 CLF, Deduct	*-19.11*	
			For 1 Part Mildew Resistant, Add	*22.84*	
			For High-Modulus Non-Acid Curing, Add	*13.05*	
07 92 19 00-0004		CLF	1/4" x 1/2" Joint, Acoustical Sealant	336.74	86.65
			For Custom Match Coloring, Add	*18.20*	
			For Up To 3 CLF, Add	*18.73*	
			For >15 CLF, Deduct	*-20.63*	
			For 1 Part Mildew Resistant, Add	*26.55*	
			For High-Modulus Non-Acid Curing, Add	*15.17*	
07 92 19 00-0005		CLF	3/8" x 3/8" Joint, Acoustical Sealant	366.14	86.65
			For Custom Match Coloring, Add	*25.26*	
			For Up To 2.5 CLF, Add	*20.94*	
			For >13 CLF, Deduct	*-23.57*	
			For 1 Part Mildew Resistant, Add	*36.84*	
			For High-Modulus Non-Acid Curing, Add	*21.05*	
07 92 19 00-0006		CLF	3/8" x 1/2" Joint, Acoustical Sealant	396.69	86.65
			For Custom Match Coloring, Add	*32.59*	
			For Up To 2 CLF, Add	*23.23*	
			For >10 CLF, Deduct	*-26.62*	
			For 1 Part Mildew Resistant, Add	*47.53*	
			For High-Modulus Non-Acid Curing, Add	*27.16*	
07 92 19 00-0007		CLF	1/2" x 1/2" Joint, Acoustical Sealant	461.56	90.38
			For Custom Match Coloring, Add	*45.93*	
			For Up To 1.4 CLF, Add	*27.86*	
			For >7.5 CLF, Deduct	*-32.65*	
			For 1 Part Mildew Resistant, Add	*66.98*	
			For High-Modulus Non-Acid Curing, Add	*38.27*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003		LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	53.21	6.10
07 95 13 13-0004		LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	73.33	6.10
07 95 13 13-0005		LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	73.10	6.10

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007		LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	69.09	6.10
07 95 13 13-0008		LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	90.61	6.10
07 95 13 13-0009		LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	98.93	6.10

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	42.63	6.10
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	61.34	6.10
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	65.49	6.10
07 95 13 13-0015		With 2" Space *(07 95 13 13-0010)*		
07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	52.16	6.10
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	69.97	6.10
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	78.40	6.10
07 95 13 16		**Exterior Expansion Joint Cover Assemblies** *(07 95 13)*		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*		
07 95 13 16-0002		Roof To Roof *(07 95 13 16-0001)*		
07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	68.79	4.06
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	82.15	4.06
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	91.36	4.06
07 95 13 16-0006		Roof To Wall *(07 95 13 16-0001)*		
07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	52.59	4.06
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	68.95	4.06
07 95 13 16-0009		Flat Wall To Wall *(07 95 13 16-0001)*		
07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	39.84	4.06
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	49.66	4.06
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	61.51	4.06
07 95 13 16-0013		Corner To Flat Wall *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	38.12	4.06
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	44.66	4.06
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	63.06	4.06

END OF SECTION 07

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls *(08 01)*

08 01 44 Operation and Maintenance of Curtain Walls *(08 01 40)*

08 01 44 00-0001 Retrofit Curtain Walls *(08 01 44)*

08 01 44 00-0002	EA	Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow		2,576.64	1,058.03
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps		24.64	6.03
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal		102.27	26.12
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers		95.60	26.12
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion		25.11	
08 01 44 00-0007	EA	Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee		12,000.00	

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	10.34	
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	28.98	
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	35.71	
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	20.15	
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	18.23	
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window Note: Channel, spiral or coil balance.	23.97	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing Note: Channel, spiral or coil balance.	70.57	
		For Replacing Two Balances In One Window, Deduct	*-25.73*	

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 00-0001 Glazing Compound Repair *(08 01 81)*

08 01 81 00-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing	5.27	

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	135.88	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*67.94*	
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	172.00	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*86.00*	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	199.52	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*99.76*	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	254.57	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*127.29*	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	330.25	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*165.13*	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	421.41	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*210.71*	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	447.21	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*223.61*	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	216.75	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*61.77*	
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	258.92	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*78.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	293.25	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*90.70*	
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	352.61	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*115.71*	
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	430.74	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*150.12*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	522.93	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*191.55*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	555.72	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*203.28*	

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	130.12	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	147.83	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	200.95	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	374.72	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	463.44	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	553.60	
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	722.46	
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	850.48	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*102.06*	
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	200.04	
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	224.73	
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	284.85	
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	465.61	
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	561.33	
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	658.47	
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	834.32	
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	967.01	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*102.06*	

08 05 13 00-0033 Fire Rated Fusible Link Louvers (Pemko LV-FL) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	263.59	
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	301.65	
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	354.34	
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	347.49	
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	394.87	
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	455.02	

08 05 13 00-0040 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	69.88	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	172.37	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	79.19	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	139.77	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	23.29	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	256.26	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	163.05	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	172.37	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	79.19	
08 05 13 00-0050		**Door Modifications** *(08 05 13)*		
08 05 13 00-0051	EA	Removal And Reinstallation Of Door	79.24	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	155.37	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	83.90	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,119.91	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	198.17	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	33.19	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	94.00	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	42.30	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	61.10	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*
Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	1,206.13	128.18
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	1,215.49	132.85
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,151.95	132.85

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*
Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	704.82	74.58
		For Special Finished, Add	*62.20*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	739.78	74.58
08 11 63 23-0004	EA	Aluminum Screen Door	275.06	46.59
08 11 63 23-0005	SF	Repair Screen Door	8.36	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door *(08 11 73)*
Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,110.75	508.37
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,592.31	508.37
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,410.98	508.37
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	7,287.48	508.37

08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*
Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	298.52	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.80*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*19.04*	
		For Type 304 Stainless Steel Frame, Add	*292.63*	
		For Type 316 Stainless Steel Frame, Add	*340.24*	
		For Baked Enamel Finish, Add	*68.58*	
		For 18 Gauge Frame, Deduct	*-15.87*	
		For 14 Gauge Frame, Add	*39.67*	
		For 12 Gauge Frame, Add	*60.30*	
		For Clear Aluminum Frames (Three Piece), Add	*46.81*	
		For Black Aluminum Frames (Three Piece), Add	*71.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	342.74	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.34*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*22.67*	
		For Type 304 Stainless Steel Frame, Add	*347.75*	
		For Type 316 Stainless Steel Frame, Add	*404.42*	
		For Baked Enamel Finish, Add	*79.75*	
		For 18 Gauge Frame, Deduct	*-18.89*	
		For 14 Gauge Frame, Add	*47.23*	
		For 12 Gauge Frame, Add	*71.79*	
		For Clear Aluminum Frames (Three Piece), Add	*55.73*	
		For Black Aluminum Frames (Three Piece), Add	*85.01*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	355.09	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*23.03*	
		For Type 304 Stainless Steel Frame, Add	*353.67*	
		For Type 316 Stainless Steel Frame, Add	*411.25*	
		For Baked Enamel Finish, Add	*82.06*	
		For 18 Gauge Frame, Deduct	*-19.20*	
		For 14 Gauge Frame, Add	*47.99*	
		For 12 Gauge Frame, Add	*72.94*	
		For Clear Aluminum Frames (Three Piece), Add	*56.63*	
		For Black Aluminum Frames (Three Piece), Add	*86.38*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	369.07	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*23.03*	
		For Type 304 Stainless Steel Frame, Add	*354.37*	
		For Type 316 Stainless Steel Frame, Add	*411.95*	
		For Baked Enamel Finish, Add	*84.15*	
		For 18 Gauge Frame, Deduct	*-19.20*	
		For 14 Gauge Frame, Add	*47.99*	
		For 12 Gauge Frame, Add	*72.94*	
		For Clear Aluminum Frames (Three Piece), Add	*56.63*	
		For Black Aluminum Frames (Three Piece), Add	*86.38*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	376.75	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.25*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*23.40*	
		For Type 304 Stainless Steel Frame, Add	*360.04*	
		For Type 316 Stainless Steel Frame, Add	*418.53*	
		For Baked Enamel Finish, Add	*85.76*	
		For 18 Gauge Frame, Deduct	*-19.50*	
		For 14 Gauge Frame, Add	*48.74*	
		For 12 Gauge Frame, Add	*74.09*	
		For Clear Aluminum Frames (Three Piece), Add	*57.52*	
		For Black Aluminum Frames (Three Piece), Add	*87.74*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	384.44	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.70*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*23.76*	
		For Type 304 Stainless Steel Frame, Add	*365.70*	
		For Type 316 Stainless Steel Frame, Add	*425.10*	
		For Baked Enamel Finish, Add	*87.36*	
		For 18 Gauge Frame, Deduct	*-19.80*	
		For 14 Gauge Frame, Add	*49.50*	
		For 12 Gauge Frame, Add	*75.24*	
		For Clear Aluminum Frames (Three Piece), Add	*58.41*	
		For Black Aluminum Frames (Three Piece), Add	*89.10*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	407.35	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.74*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.39*	
		For Type 304 Stainless Steel Frame, Add	*390.65*	
		For Type 316 Stainless Steel Frame, Add	*454.13*	
		For Baked Enamel Finish, Add	*92.84*	
		For 18 Gauge Frame, Deduct	*-21.16*	
		For 14 Gauge Frame, Add	*52.90*	
		For 12 Gauge Frame, Add	*80.40*	
		For Clear Aluminum Frames (Three Piece), Add	*62.42*	
		For Black Aluminum Frames (Three Piece), Add	*95.22*	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	416.68	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.74*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.39*	
		For Type 304 Stainless Steel Frame, Add	*391.12*	
		For Type 316 Stainless Steel Frame, Add	*454.59*	
		For Baked Enamel Finish, Add	*94.24*	
		For 18 Gauge Frame, Deduct	*-21.16*	
		For 14 Gauge Frame, Add	*52.90*	
		For 12 Gauge Frame, Add	*80.40*	
		For Clear Aluminum Frames (Three Piece), Add	*62.42*	
		For Black Aluminum Frames (Three Piece), Add	*95.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	433.56	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.87*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*26.30*	
		For Type 304 Stainless Steel Frame, Add	*405.19*	
		For Type 316 Stainless Steel Frame, Add	*470.94*	
		For Baked Enamel Finish, Add	*97.91*	
		For 18 Gauge Frame, Deduct	*-21.92*	
		For 14 Gauge Frame, Add	*54.79*	
		For 12 Gauge Frame, Add	*83.28*	
		For Clear Aluminum Frames (Three Piece), Add	*64.65*	
		For Black Aluminum Frames (Three Piece), Add	*98.62*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	450.45	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.01*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*27.21*	
		For Type 304 Stainless Steel Frame, Add	*419.27*	
		For Type 316 Stainless Steel Frame, Add	*487.28*	
		For Baked Enamel Finish, Add	*101.57*	
		For 18 Gauge Frame, Deduct	*-22.67*	
		For 14 Gauge Frame, Add	*56.68*	
		For 12 Gauge Frame, Add	*86.15*	
		For Clear Aluminum Frames (Three Piece), Add	*66.88*	
		For Black Aluminum Frames (Three Piece), Add	*102.02*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	459.76	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.01*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*27.21*	
		For Type 304 Stainless Steel Frame, Add	*419.73*	
		For Type 316 Stainless Steel Frame, Add	*487.74*	
		For Baked Enamel Finish, Add	*102.97*	
		For 18 Gauge Frame, Deduct	*-22.67*	
		For 14 Gauge Frame, Add	*56.68*	
		For 12 Gauge Frame, Add	*86.15*	
		For Clear Aluminum Frames (Three Piece), Add	*66.88*	
		For Black Aluminum Frames (Three Piece), Add	*102.02*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	468.21	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.57*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*27.66*	
		For Type 304 Stainless Steel Frame, Add	*426.77*	
		For Type 316 Stainless Steel Frame, Add	*495.92*	
		For Baked Enamel Finish, Add	*104.81*	
		For 18 Gauge Frame, Deduct	*-23.05*	
		For 14 Gauge Frame, Add	*57.62*	
		For 12 Gauge Frame, Add	*87.59*	
		For Clear Aluminum Frames (Three Piece), Add	*67.99*	
		For Black Aluminum Frames (Three Piece), Add	*103.72*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	476.64	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.14*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.11*	
		For Type 304 Stainless Steel Frame, Add	*433.79*	
		For Type 316 Stainless Steel Frame, Add	*504.07*	
		For Baked Enamel Finish, Add	*106.64*	
		For 18 Gauge Frame, Deduct	*-23.43*	
		For 14 Gauge Frame, Add	*58.57*	
		For 12 Gauge Frame, Add	*89.02*	
		For Clear Aluminum Frames (Three Piece), Add	*69.11*	
		For Black Aluminum Frames (Three Piece), Add	*105.42*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	496.42	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.41*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*29.93*	
		For Type 304 Stainless Steel Frame, Add	*461.24*	
		For Type 316 Stainless Steel Frame, Add	*536.05*	
		For Baked Enamel Finish, Add	*111.87*	
		For 18 Gauge Frame, Deduct	*-24.94*	
		For 14 Gauge Frame, Add	*62.35*	
		For 12 Gauge Frame, Add	*94.76*	
		For Clear Aluminum Frames (Three Piece), Add	*73.57*	
		For Black Aluminum Frames (Three Piece), Add	*112.22*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	516.19	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.67*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*31.74*	
		For Type 304 Stainless Steel Frame, Add	*488.67*	
		For Type 316 Stainless Steel Frame, Add	*568.01*	
		For Baked Enamel Finish, Add	*117.10*	
		For 18 Gauge Frame, Deduct	*-26.45*	
		For 14 Gauge Frame, Add	*66.12*	
		For 12 Gauge Frame, Add	*100.51*	
		For Clear Aluminum Frames (Three Piece), Add	*78.02*	
		For Black Aluminum Frames (Three Piece), Add	*119.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0018		>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*		
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	316.16	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*21.16*	
		For Type 304 Stainless Steel Frame, Add	*324.39*	
		For Type 316 Stainless Steel Frame, Add	*377.28*	
		For Baked Enamel Finish, Add	*73.87*	
		For 18 Gauge Frame, Deduct	*-17.63*	
		For 14 Gauge Frame, Add	*44.08*	
		For 12 Gauge Frame, Add	*67.01*	
		For Clear Aluminum Frames (Three Piece), Add	*52.02*	
		For Black Aluminum Frames (Three Piece), Add	*79.35*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	363.73	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.19*	
		For Type 304 Stainless Steel Frame, Add	*385.53*	
		For Type 316 Stainless Steel Frame, Add	*448.50*	
		For Baked Enamel Finish, Add	*86.05*	
		For 18 Gauge Frame, Deduct	*-20.09*	
		For 14 Gauge Frame, Add	*52.48*	
		For 12 Gauge Frame, Add	*79.77*	
		For Clear Aluminum Frames (Three Piece), Add	*61.92*	
		For Black Aluminum Frames (Three Piece), Add	*94.46*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	376.41	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.99*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.59*	
		For Type 304 Stainless Steel Frame, Add	*392.04*	
		For Type 316 Stainless Steel Frame, Add	*456.02*	
		For Baked Enamel Finish, Add	*88.45*	
		For 18 Gauge Frame, Deduct	*-21.33*	
		For 14 Gauge Frame, Add	*53.32*	
		For 12 Gauge Frame, Add	*81.04*	
		For Clear Aluminum Frames (Three Piece), Add	*62.91*	
		For Black Aluminum Frames (Three Piece), Add	*95.97*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	390.39	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.99*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.59*	
		For Type 304 Stainless Steel Frame, Add	*392.74*	
		For Type 316 Stainless Steel Frame, Add	*456.72*	
		For Baked Enamel Finish, Add	*90.55*	
		For 18 Gauge Frame, Deduct	*-21.33*	
		For 14 Gauge Frame, Add	*53.32*	
		For 12 Gauge Frame, Add	*81.04*	
		For Clear Aluminum Frames (Three Piece), Add	*62.91*	
		For Black Aluminum Frames (Three Piece), Add	*95.97*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	398.41	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*26.00*	
		For Type 304 Stainless Steel Frame, Add	*399.02*	
		For Type 316 Stainless Steel Frame, Add	*464.01*	
		For Baked Enamel Finish, Add	*92.26*	
		For 18 Gauge Frame, Deduct	*-21.66*	
		For 14 Gauge Frame, Add	*54.16*	
		For 12 Gauge Frame, Add	*82.32*	
		For Clear Aluminum Frames (Three Piece), Add	*63.91*	
		For Black Aluminum Frames (Three Piece), Add	*97.48*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.44	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.00*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*26.40*	
		For Type 304 Stainless Steel Frame, Add	*405.30*	
		For Type 316 Stainless Steel Frame, Add	*471.30*	
		For Baked Enamel Finish, Add	*93.96*	
		For 18 Gauge Frame, Deduct	*-22.00*	
		For 14 Gauge Frame, Add	*55.00*	
		For 12 Gauge Frame, Add	*83.60*	
		For Clear Aluminum Frames (Three Piece), Add	*64.90*	
		For Black Aluminum Frames (Three Piece), Add	*99.00*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.86	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.21*	
		For Type 304 Stainless Steel Frame, Add	*432.97*	
		For Type 316 Stainless Steel Frame, Add	*503.50*	
		For Baked Enamel Finish, Add	*99.89*	
		For 18 Gauge Frame, Deduct	*-23.51*	
		For 14 Gauge Frame, Add	*58.78*	
		For 12 Gauge Frame, Add	*89.34*	
		For Clear Aluminum Frames (Three Piece), Add	*69.35*	
		For Black Aluminum Frames (Three Piece), Add	*105.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	440.19	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.21*	
		For Type 304 Stainless Steel Frame, Add	*433.43*	
		For Type 316 Stainless Steel Frame, Add	*503.96*	
		For Baked Enamel Finish, Add	*101.29*	
		For 18 Gauge Frame, Deduct	*-23.51*	
		For 14 Gauge Frame, Add	*58.78*	
		For 12 Gauge Frame, Add	*89.34*	
		For Clear Aluminum Frames (Three Piece), Add	*69.35*	
		For Black Aluminum Frames (Three Piece), Add	*105.80*	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.91	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.53*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*29.22*	
		For Type 304 Stainless Steel Frame, Add	*449.02*	
		For Type 316 Stainless Steel Frame, Add	*522.07*	
		For Baked Enamel Finish, Add	*105.21*	
		For 18 Gauge Frame, Deduct	*-24.35*	
		For 14 Gauge Frame, Add	*60.88*	
		For 12 Gauge Frame, Add	*92.53*	
		For Clear Aluminum Frames (Three Piece), Add	*71.83*	
		For Black Aluminum Frames (Three Piece), Add	*109.58*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.64	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.23*	
		For Type 304 Stainless Steel Frame, Add	*464.61*	
		For Type 316 Stainless Steel Frame, Add	*540.18*	
		For Baked Enamel Finish, Add	*109.13*	
		For 18 Gauge Frame, Deduct	*-25.19*	
		For 14 Gauge Frame, Add	*62.98*	
		For 12 Gauge Frame, Add	*95.72*	
		For Clear Aluminum Frames (Three Piece), Add	*74.31*	
		For Black Aluminum Frames (Three Piece), Add	*113.36*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.95	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.23*	
		For Type 304 Stainless Steel Frame, Add	*465.07*	
		For Type 316 Stainless Steel Frame, Add	*540.64*	
		For Baked Enamel Finish, Add	*110.53*	
		For 18 Gauge Frame, Deduct	*-25.19*	
		For 14 Gauge Frame, Add	*62.98*	
		For 12 Gauge Frame, Add	*95.72*	
		For Clear Aluminum Frames (Three Piece), Add	*74.31*	
		For Black Aluminum Frames (Three Piece), Add	*113.36*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	493.81	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.41*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.73*	
		For Type 304 Stainless Steel Frame, Add	*472.85*	
		For Type 316 Stainless Steel Frame, Add	*549.68*	
		For Baked Enamel Finish, Add	*112.49*	
		For 18 Gauge Frame, Deduct	*-25.61*	
		For 14 Gauge Frame, Add	*64.02*	
		For 12 Gauge Frame, Add	*97.31*	
		For Clear Aluminum Frames (Three Piece), Add	*75.55*	
		For Black Aluminum Frames (Three Piece), Add	*115.24*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.67	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.04*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*31.23*	
		For Type 304 Stainless Steel Frame, Add	*480.64*	
		For Type 316 Stainless Steel Frame, Add	*558.73*	
		For Baked Enamel Finish, Add	*114.44*	
		For 18 Gauge Frame, Deduct	*-26.03*	
		For 14 Gauge Frame, Add	*65.07*	
		For 12 Gauge Frame, Add	*98.91*	
		For Clear Aluminum Frames (Three Piece), Add	*76.79*	
		For Black Aluminum Frames (Three Piece), Add	*117.13*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.13	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.56*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*33.25*	
		For Type 304 Stainless Steel Frame, Add	*511.11*	
		For Type 316 Stainless Steel Frame, Add	*594.24*	
		For Baked Enamel Finish, Add	*120.18*	
		For 18 Gauge Frame, Deduct	*-27.71*	
		For 14 Gauge Frame, Add	*69.27*	
		For 12 Gauge Frame, Add	*105.29*	
		For Clear Aluminum Frames (Three Piece), Add	*81.74*	
		For Black Aluminum Frames (Three Piece), Add	*124.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	545.58	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.08*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*35.27*	
		For Type 304 Stainless Steel Frame, Add	*541.57*	
		For Type 316 Stainless Steel Frame, Add	*629.73*	
		For Baked Enamel Finish, Add	*125.92*	
		For 18 Gauge Frame, Deduct	*-29.39*	
		For 14 Gauge Frame, Add	*73.47*	
		For 12 Gauge Frame, Add	*111.67*	
		For Clear Aluminum Frames (Three Piece), Add	*86.69*	
		For Black Aluminum Frames (Three Piece), Add	*132.25*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	316.16	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*21.16*	
		For Type 304 Stainless Steel Frame, Add	*324.39*	
		For Type 316 Stainless Steel Frame, Add	*377.28*	
		For Baked Enamel Finish, Add	*73.87*	
		For 18 Gauge Frame, Deduct	*-17.63*	
		For 14 Gauge Frame, Add	*44.08*	
		For 12 Gauge Frame, Add	*67.01*	
		For Clear Aluminum Frames (Three Piece), Add	*52.02*	
		For Black Aluminum Frames (Three Piece), Add	*79.35*	
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	363.73	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.19*	
		For Type 304 Stainless Steel Frame, Add	*385.53*	
		For Type 316 Stainless Steel Frame, Add	*448.50*	
		For Baked Enamel Finish, Add	*86.05*	
		For 18 Gauge Frame, Deduct	*-20.99*	
		For 14 Gauge Frame, Add	*52.48*	
		For 12 Gauge Frame, Add	*79.77*	
		For Clear Aluminum Frames (Three Piece), Add	*61.92*	
		For Black Aluminum Frames (Three Piece), Add	*94.46*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	376.41	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.99*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.59*	
		For Type 304 Stainless Steel Frame, Add	*392.04*	
		For Type 316 Stainless Steel Frame, Add	*456.02*	
		For Baked Enamel Finish, Add	*88.45*	
		For 18 Gauge Frame, Deduct	*-21.33*	
		For 14 Gauge Frame, Add	*53.32*	
		For 12 Gauge Frame, Add	*81.04*	
		For Clear Aluminum Frames (Three Piece), Add	*62.91*	
		For Black Aluminum Frames (Three Piece), Add	*95.97*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	390.39	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.99*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*25.59*	
		For Type 304 Stainless Steel Frame, Add	*392.74*	
		For Type 316 Stainless Steel Frame, Add	*456.72*	
		For Baked Enamel Finish, Add	*90.55*	
		For 18 Gauge Frame, Deduct	*-21.33*	
		For 14 Gauge Frame, Add	*53.32*	
		For 12 Gauge Frame, Add	*81.04*	
		For Clear Aluminum Frames (Three Piece), Add	*62.91*	
		For Black Aluminum Frames (Three Piece), Add	*95.97*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	398.41	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*26.00*	
		For Type 304 Stainless Steel Frame, Add	*399.02*	
		For Type 316 Stainless Steel Frame, Add	*464.01*	
		For Baked Enamel Finish, Add	*92.26*	
		For 18 Gauge Frame, Deduct	*-21.66*	
		For 14 Gauge Frame, Add	*54.16*	
		For 12 Gauge Frame, Add	*82.32*	
		For Clear Aluminum Frames (Three Piece), Add	*63.91*	
		For Black Aluminum Frames (Three Piece), Add	*97.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.44	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.00*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*26.40*	
		For Type 304 Stainless Steel Frame, Add	*405.30*	
		For Type 316 Stainless Steel Frame, Add	*471.30*	
		For Baked Enamel Finish, Add	*93.96*	
		For 18 Gauge Frame, Deduct	*-22.00*	
		For 14 Gauge Frame, Add	*55.00*	
		For 12 Gauge Frame, Add	*83.60*	
		For Clear Aluminum Frames (Three Piece), Add	*64.90*	
		For Black Aluminum Frames (Three Piece), Add	*99.00*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.86	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.21*	
		For Type 304 Stainless Steel Frame, Add	*432.97*	
		For Type 316 Stainless Steel Frame, Add	*503.50*	
		For Baked Enamel Finish, Add	*99.89*	
		For 18 Gauge Frame, Deduct	*-23.51*	
		For 14 Gauge Frame, Add	*58.78*	
		For 12 Gauge Frame, Add	*89.34*	
		For Clear Aluminum Frames (Three Piece), Add	*69.35*	
		For Black Aluminum Frames (Three Piece), Add	*105.80*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	440.19	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.21*	
		For Type 304 Stainless Steel Frame, Add	*433.43*	
		For Type 316 Stainless Steel Frame, Add	*503.96*	
		For Baked Enamel Finish, Add	*101.29*	
		For 18 Gauge Frame, Deduct	*-23.51*	
		For 14 Gauge Frame, Add	*58.78*	
		For 12 Gauge Frame, Add	*89.34*	
		For Clear Aluminum Frames (Three Piece), Add	*69.35*	
		For Black Aluminum Frames (Three Piece), Add	*105.80*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.91	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.53*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*29.22*	
		For Type 304 Stainless Steel Frame, Add	*449.02*	
		For Type 316 Stainless Steel Frame, Add	*522.07*	
		For Baked Enamel Finish, Add	*105.21*	
		For 18 Gauge Frame, Deduct	*-24.35*	
		For 14 Gauge Frame, Add	*60.88*	
		For 12 Gauge Frame, Add	*92.53*	
		For Clear Aluminum Frames (Three Piece), Add	*71.83*	
		For Black Aluminum Frames (Three Piece), Add	*109.58*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.64	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.23*	
		For Type 304 Stainless Steel Frame, Add	*464.61*	
		For Type 316 Stainless Steel Frame, Add	*540.18*	
		For Baked Enamel Finish, Add	*109.13*	
		For 18 Gauge Frame, Deduct	*-25.19*	
		For 14 Gauge Frame, Add	*62.98*	
		For 12 Gauge Frame, Add	*95.72*	
		For Clear Aluminum Frames (Three Piece), Add	*74.31*	
		For Black Aluminum Frames (Three Piece), Add	*113.36*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.95	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.23*	
		For Type 304 Stainless Steel Frame, Add	*465.07*	
		For Type 316 Stainless Steel Frame, Add	*540.64*	
		For Baked Enamel Finish, Add	*110.53*	
		For 18 Gauge Frame, Deduct	*-25.19*	
		For 14 Gauge Frame, Add	*62.98*	
		For 12 Gauge Frame, Add	*95.72*	
		For Clear Aluminum Frames (Three Piece), Add	*74.31*	
		For Black Aluminum Frames (Three Piece), Add	*113.36*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	493.81	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.41*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*30.73*	
		For Type 304 Stainless Steel Frame, Add	*472.85*	
		For Type 316 Stainless Steel Frame, Add	*549.68*	
		For Baked Enamel Finish, Add	*112.49*	
		For 18 Gauge Frame, Deduct	*-25.61*	
		For 14 Gauge Frame, Add	*64.02*	
		For 12 Gauge Frame, Add	*97.31*	
		For Clear Aluminum Frames (Three Piece), Add	*75.55*	
		For Black Aluminum Frames (Three Piece), Add	*115.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	502.67	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.04*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*31.23*	
		For Type 304 Stainless Steel Frame, Add	*480.64*	
		For Type 316 Stainless Steel Frame, Add	*558.73*	
		For Baked Enamel Finish, Add	*114.44*	
		For 18 Gauge Frame, Deduct	*-26.03*	
		For 14 Gauge Frame, Add	*65.07*	
		For 12 Gauge Frame, Add	*98.91*	
		For Clear Aluminum Frames (Three Piece), Add	*76.79*	
		For Black Aluminum Frames (Three Piece), Add	*117.13*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.13	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.56*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*33.25*	
		For Type 304 Stainless Steel Frame, Add	*511.11*	
		For Type 316 Stainless Steel Frame, Add	*594.24*	
		For Baked Enamel Finish, Add	*120.18*	
		For 18 Gauge Frame, Deduct	*-27.71*	
		For 14 Gauge Frame, Add	*69.27*	
		For 12 Gauge Frame, Add	*105.29*	
		For Clear Aluminum Frames (Three Piece), Add	*81.74*	
		For Black Aluminum Frames (Three Piece), Add	*124.69*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	545.58	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.08*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*35.27*	
		For Type 304 Stainless Steel Frame, Add	*541.57*	
		For Type 316 Stainless Steel Frame, Add	*629.73*	
		For Baked Enamel Finish, Add	*125.92*	
		For 18 Gauge Frame, Deduct	*-29.39*	
		For 14 Gauge Frame, Add	*73.47*	
		For 12 Gauge Frame, Add	*111.67*	
		For Clear Aluminum Frames (Three Piece), Add	*86.69*	
		For Black Aluminum Frames (Three Piece), Add	*132.25*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	335.75	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.39*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*23.51*	
		For Type 304 Stainless Steel Frame, Add	*359.65*	
		For Type 316 Stainless Steel Frame, Add	*418.42*	
		For Baked Enamel Finish, Add	*79.75*	
		For 18 Gauge Frame, Deduct	*-19.59*	
		For 14 Gauge Frame, Add	*48.98*	
		For 12 Gauge Frame, Add	*74.45*	
		For Clear Aluminum Frames (Three Piece), Add	*57.80*	
		For Black Aluminum Frames (Three Piece), Add	*88.16*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	387.06	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.99*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*27.99*	
		For Type 304 Stainless Steel Frame, Add	*427.52*	
		For Type 316 Stainless Steel Frame, Add	*497.50*	
		For Baked Enamel Finish, Add	*93.05*	
		For 18 Gauge Frame, Deduct	*-23.32*	
		For 14 Gauge Frame, Add	*58.31*	
		For 12 Gauge Frame, Add	*88.63*	
		For Clear Aluminum Frames (Three Piece), Add	*68.81*	
		For Black Aluminum Frames (Three Piece), Add	*104.96*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	400.11	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.55*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.44*	
		For Type 304 Stainless Steel Frame, Add	*434.70*	
		For Type 316 Stainless Steel Frame, Add	*505.79*	
		For Baked Enamel Finish, Add	*95.56*	
		For 18 Gauge Frame, Deduct	*-23.70*	
		For 14 Gauge Frame, Add	*59.24*	
		For 12 Gauge Frame, Add	*90.05*	
		For Clear Aluminum Frames (Three Piece), Add	*69.91*	
		For Black Aluminum Frames (Three Piece), Add	*106.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	414.09	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.55*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.44*	
		For Type 304 Stainless Steel Frame, Add	*435.40*	
		For Type 316 Stainless Steel Frame, Add	*506.49*	
		For Baked Enamel Finish, Add	*97.66*	
		For 18 Gauge Frame, Deduct	*-23.70*	
		For 14 Gauge Frame, Add	*59.24*	
		For 12 Gauge Frame, Add	*90.05*	
		For Clear Aluminum Frames (Three Piece), Add	*69.91*	
		For Black Aluminum Frames (Three Piece), Add	*106.64*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	422.48	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.11*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*28.88*	
		For Type 304 Stainless Steel Frame, Add	*442.35*	
		For Type 316 Stainless Steel Frame, Add	*514.56*	
		For Baked Enamel Finish, Add	*99.48*	
		For 18 Gauge Frame, Deduct	*-24.07*	
		For 14 Gauge Frame, Add	*60.18*	
		For 12 Gauge Frame, Add	*91.47*	
		For Clear Aluminum Frames (Three Piece), Add	*71.01*	
		For Black Aluminum Frames (Three Piece), Add	*108.32*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.88	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.66*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*29.33*	
		For Type 304 Stainless Steel Frame, Add	*449.30*	
		For Type 316 Stainless Steel Frame, Add	*522.63*	
		For Baked Enamel Finish, Add	*101.30*	
		For 18 Gauge Frame, Deduct	*-24.44*	
		For 14 Gauge Frame, Add	*61.11*	
		For 12 Gauge Frame, Add	*92.88*	
		For Clear Aluminum Frames (Three Piece), Add	*72.11*	
		For Black Aluminum Frames (Three Piece), Add	*109.99*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	456.99	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.18*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*31.35*	
		For Type 304 Stainless Steel Frame, Add	*480.00*	
		For Type 316 Stainless Steel Frame, Add	*558.37*	
		For Baked Enamel Finish, Add	*107.73*	
		For 18 Gauge Frame, Deduct	*-26.12*	
		For 14 Gauge Frame, Add	*65.31*	
		For 12 Gauge Frame, Add	*99.27*	
		For Clear Aluminum Frames (Three Piece), Add	*77.06*	
		For Black Aluminum Frames (Three Piece), Add	*117.55*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	466.32	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.18*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*31.35*	
		For Type 304 Stainless Steel Frame, Add	*480.47*	
		For Type 316 Stainless Steel Frame, Add	*558.84*	
		For Baked Enamel Finish, Add	*109.13*	
		For 18 Gauge Frame, Deduct	*-26.12*	
		For 14 Gauge Frame, Add	*65.31*	
		For 12 Gauge Frame, Add	*99.27*	
		For Clear Aluminum Frames (Three Piece), Add	*77.06*	
		For Black Aluminum Frames (Three Piece), Add	*117.55*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.97	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.58*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*32.47*	
		For Type 304 Stainless Steel Frame, Add	*497.73*	
		For Type 316 Stainless Steel Frame, Add	*578.90*	
		For Baked Enamel Finish, Add	*113.33*	
		For 18 Gauge Frame, Deduct	*-27.06*	
		For 14 Gauge Frame, Add	*67.64*	
		For 12 Gauge Frame, Add	*102.81*	
		For Clear Aluminum Frames (Three Piece), Add	*79.82*	
		For Black Aluminum Frames (Three Piece), Add	*121.75*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	503.62	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.98*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*33.59*	
		For Type 304 Stainless Steel Frame, Add	*514.97*	
		For Type 316 Stainless Steel Frame, Add	*598.94*	
		For Baked Enamel Finish, Add	*117.53*	
		For 18 Gauge Frame, Deduct	*-27.99*	
		For 14 Gauge Frame, Add	*69.97*	
		For 12 Gauge Frame, Add	*106.35*	
		For Clear Aluminum Frames (Three Piece), Add	*82.56*	
		For Black Aluminum Frames (Three Piece), Add	*125.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	512.93	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.98*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*33.59*	
		For Type 304 Stainless Steel Frame, Add	*515.44*	
		For Type 316 Stainless Steel Frame, Add	*599.40*	
		For Baked Enamel Finish, Add	*118.92*	
		For 18 Gauge Frame, Deduct	*-27.99*	
		For 14 Gauge Frame, Add	*69.97*	
		For 12 Gauge Frame, Add	*106.35*	
		For Clear Aluminum Frames (Three Piece), Add	*82.56*	
		For Black Aluminum Frames (Three Piece), Add	*125.95*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	522.27	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.68*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*34.15*	
		For Type 304 Stainless Steel Frame, Add	*524.08*	
		For Type 316 Stainless Steel Frame, Add	*609.44*	
		For Baked Enamel Finish, Add	*121.02*	
		For 18 Gauge Frame, Deduct	*-28.46*	
		For 14 Gauge Frame, Add	*71.14*	
		For 12 Gauge Frame, Add	*108.13*	
		For Clear Aluminum Frames (Three Piece), Add	*83.94*	
		For Black Aluminum Frames (Three Piece), Add	*128.05*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	531.59	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.38*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*34.71*	
		For Type 304 Stainless Steel Frame, Add	*532.70*	
		For Type 316 Stainless Steel Frame, Add	*619.46*	
		For Baked Enamel Finish, Add	*123.12*	
		For 18 Gauge Frame, Deduct	*-28.92*	
		For 14 Gauge Frame, Add	*72.30*	
		For 12 Gauge Frame, Add	*109.90*	
		For Clear Aluminum Frames (Three Piece), Add	*85.32*	
		For Black Aluminum Frames (Three Piece), Add	*130.14*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.91	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.18*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*36.94*	
		For Type 304 Stainless Steel Frame, Add	*566.52*	
		For Type 316 Stainless Steel Frame, Add	*658.88*	
		For Baked Enamel Finish, Add	*129.42*	
		For 18 Gauge Frame, Deduct	*-30.79*	
		For 14 Gauge Frame, Add	*76.97*	
		For 12 Gauge Frame, Add	*116.99*	
		For Clear Aluminum Frames (Three Piece), Add	*90.82*	
		For Black Aluminum Frames (Three Piece), Add	*138.54*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	578.23	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.98*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*39.18*	
		For Type 304 Stainless Steel Frame, Add	*600.34*	
		For Type 316 Stainless Steel Frame, Add	*698.30*	
		For Baked Enamel Finish, Add	*135.71*	
		For 18 Gauge Frame, Deduct	*-32.65*	
		For 14 Gauge Frame, Add	*81.63*	
		For 12 Gauge Frame, Add	*124.08*	
		For Clear Aluminum Frames (Three Piece), Add	*96.33*	
		For Black Aluminum Frames (Three Piece), Add	*146.94*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*
Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	418.98	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.87*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*33.50*	
		For Type 304 Stainless Steel Frame, Add	*509.46*	
		For Type 316 Stainless Steel Frame, Add	*593.21*	
		For Baked Enamel Finish, Add	*104.72*	
		For 18 Gauge Frame, Deduct	*-27.92*	
		For 14 Gauge Frame, Add	*69.79*	
		For 12 Gauge Frame, Add	*106.08*	
		For Clear Aluminum Frames (Three Piece), Add	*82.35*	
		For Black Aluminum Frames (Three Piece), Add	*125.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.14	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.85*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*39.88*	
		For Type 304 Stainless Steel Frame, Add	*605.87*	
		For Type 316 Stainless Steel Frame, Add	*705.56*	
		For Baked Enamel Finish, Add	*122.77*	
		For 18 Gauge Frame, Deduct	*-33.23*	
		For 14 Gauge Frame, Add	*83.08*	
		For 12 Gauge Frame, Add	*126.28*	
		For Clear Aluminum Frames (Three Piece), Add	*98.03*	
		For Black Aluminum Frames (Three Piece), Add	*149.54*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	500.77	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.64*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*40.52*	
		For Type 304 Stainless Steel Frame, Add	*615.89*	
		For Type 316 Stainless Steel Frame, Add	*717.18*	
		For Baked Enamel Finish, Add	*125.76*	
		For 18 Gauge Frame, Deduct	*-33.76*	
		For 14 Gauge Frame, Add	*84.41*	
		For 12 Gauge Frame, Add	*128.30*	
		For Clear Aluminum Frames (Three Piece), Add	*99.60*	
		For Black Aluminum Frames (Three Piece), Add	*151.93*	
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.75	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.64*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*40.52*	
		For Type 304 Stainless Steel Frame, Add	*616.59*	
		For Type 316 Stainless Steel Frame, Add	*717.88*	
		For Baked Enamel Finish, Add	*127.86*	
		For 18 Gauge Frame, Deduct	*-33.76*	
		For 14 Gauge Frame, Add	*84.41*	
		For 12 Gauge Frame, Add	*128.30*	
		For Clear Aluminum Frames (Three Piece), Add	*99.60*	
		For Black Aluminum Frames (Three Piece), Add	*151.93*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.73	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*51.44*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*41.15*	
		For Type 304 Stainless Steel Frame, Add	*626.40*	
		For Type 316 Stainless Steel Frame, Add	*729.28*	
		For Baked Enamel Finish, Add	*130.15*	
		For 18 Gauge Frame, Deduct	*-34.30*	
		For 14 Gauge Frame, Add	*85.74*	
		For 12 Gauge Frame, Add	*130.32*	
		For Clear Aluminum Frames (Three Piece), Add	*101.17*	
		For Black Aluminum Frames (Three Piece), Add	*154.33*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	534.72	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.24*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*41.79*	
		For Type 304 Stainless Steel Frame, Add	*636.21*	
		For Type 316 Stainless Steel Frame, Add	*740.69*	
		For Baked Enamel Finish, Add	*132.45*	
		For 18 Gauge Frame, Deduct	*-34.83*	
		For 14 Gauge Frame, Add	*87.07*	
		For 12 Gauge Frame, Add	*132.34*	
		For Clear Aluminum Frames (Three Piece), Add	*102.74*	
		For Black Aluminum Frames (Three Piece), Add	*156.72*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	567.95	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*55.83*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.66*	
		For Type 304 Stainless Steel Frame, Add	*679.73*	
		For Type 316 Stainless Steel Frame, Add	*791.39*	
		For Baked Enamel Finish, Add	*141.02*	
		For 18 Gauge Frame, Deduct	*-37.22*	
		For 14 Gauge Frame, Add	*93.05*	
		For 12 Gauge Frame, Add	*141.43*	
		For Clear Aluminum Frames (Three Piece), Add	*109.80*	
		For Black Aluminum Frames (Three Piece), Add	*167.49*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	577.28	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*55.83*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.66*	
		For Type 304 Stainless Steel Frame, Add	*680.20*	
		For Type 316 Stainless Steel Frame, Add	*791.85*	
		For Baked Enamel Finish, Add	*142.42*	
		For 18 Gauge Frame, Deduct	*-37.22*	
		For 14 Gauge Frame, Add	*93.05*	
		For 12 Gauge Frame, Add	*141.43*	
		For Clear Aluminum Frames (Three Piece), Add	*109.80*	
		For Black Aluminum Frames (Three Piece), Add	*167.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	599.90	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.82*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*46.26*	
		For Type 304 Stainless Steel Frame, Add	*704.60*	
		For Type 316 Stainless Steel Frame, Add	*820.25*	
		For Baked Enamel Finish, Add	*147.81*	
		For 18 Gauge Frame, Deduct	*-38.55*	
		For 14 Gauge Frame, Add	*96.37*	
		For 12 Gauge Frame, Add	*146.49*	
		For Clear Aluminum Frames (Three Piece), Add	*113.72*	
		For Black Aluminum Frames (Three Piece), Add	*173.47*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	622.52	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.82*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*47.85*	
		For Type 304 Stainless Steel Frame, Add	*728.99*	
		For Type 316 Stainless Steel Frame, Add	*848.63*	
		For Baked Enamel Finish, Add	*153.20*	
		For 18 Gauge Frame, Deduct	*-39.88*	
		For 14 Gauge Frame, Add	*99.70*	
		For 12 Gauge Frame, Add	*151.54*	
		For Clear Aluminum Frames (Three Piece), Add	*117.64*	
		For Black Aluminum Frames (Three Piece), Add	*179.45*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	631.83	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.82*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*47.85*	
		For Type 304 Stainless Steel Frame, Add	*729.46*	
		For Type 316 Stainless Steel Frame, Add	*849.09*	
		For Baked Enamel Finish, Add	*154.59*	
		For 18 Gauge Frame, Deduct	*-39.88*	
		For 14 Gauge Frame, Add	*99.70*	
		For 12 Gauge Frame, Add	*151.54*	
		For Clear Aluminum Frames (Three Piece), Add	*117.64*	
		For Black Aluminum Frames (Three Piece), Add	*179.45*	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	643.15	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.81*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*48.65*	
		For Type 304 Stainless Steel Frame, Add	*741.66*	
		For Type 316 Stainless Steel Frame, Add	*863.29*	
		For Baked Enamel Finish, Add	*157.29*	
		For 18 Gauge Frame, Deduct	*-40.54*	
		For 14 Gauge Frame, Add	*101.36*	
		For 12 Gauge Frame, Add	*154.06*	
		For Clear Aluminum Frames (Three Piece), Add	*119.60*	
		For Black Aluminum Frames (Three Piece), Add	*182.44*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	654.45	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.81*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.45*	
		For Type 304 Stainless Steel Frame, Add	*753.85*	
		For Type 316 Stainless Steel Frame, Add	*877.47*	
		For Baked Enamel Finish, Add	*159.98*	
		For 18 Gauge Frame, Deduct	*-41.21*	
		For 14 Gauge Frame, Add	*103.02*	
		For 12 Gauge Frame, Add	*156.59*	
		For Clear Aluminum Frames (Three Piece), Add	*121.56*	
		For Black Aluminum Frames (Three Piece), Add	*185.43*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	685.69	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.80*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*52.64*	
		For Type 304 Stainless Steel Frame, Add	*801.92*	
		For Type 316 Stainless Steel Frame, Add	*933.52*	
		For Baked Enamel Finish, Add	*168.65*	
		For 18 Gauge Frame, Deduct	*-43.87*	
		For 14 Gauge Frame, Add	*109.66*	
		For 12 Gauge Frame, Add	*166.69*	
		For Clear Aluminum Frames (Three Piece), Add	*129.40*	
		For Black Aluminum Frames (Three Piece), Add	*197.39*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	716.94	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*55.83*	
		For Type 304 Stainless Steel Frame, Add	*850.02*	
		For Type 316 Stainless Steel Frame, Add	*989.59*	
		For Baked Enamel Finish, Add	*177.33*	
		For 18 Gauge Frame, Deduct	*-46.52*	
		For 14 Gauge Frame, Add	*116.31*	
		For 12 Gauge Frame, Add	*176.79*	
		For Clear Aluminum Frames (Three Piece), Add	*137.25*	
		For Black Aluminum Frames (Three Piece), Add	*209.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0084		>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*		
08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	449.99	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.52*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*37.22*	
		For Type 304 Stainless Steel Frame, Add	*565.28*	
		For Type 316 Stainless Steel Frame, Add	*658.33*	
		For Baked Enamel Finish, Add	*114.02*	
		For 18 Gauge Frame, Deduct	*-31.02*	
		For 14 Gauge Frame, Add	*77.54*	
		For 12 Gauge Frame, Add	*117.86*	
		For Clear Aluminum Frames (Three Piece), Add	*91.50*	
		For Black Aluminum Frames (Three Piece), Add	*139.57*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	523.06	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*55.39*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.31*	
		For Type 304 Stainless Steel Frame, Add	*672.32*	
		For Type 316 Stainless Steel Frame, Add	*783.10*	
		For Baked Enamel Finish, Add	*133.85*	
		For 18 Gauge Frame, Deduct	*-36.92*	
		For 14 Gauge Frame, Add	*92.31*	
		For 12 Gauge Frame, Add	*140.31*	
		For Clear Aluminum Frames (Three Piece), Add	*108.93*	
		For Black Aluminum Frames (Three Piece), Add	*166.16*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	538.29	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*45.02*	
		For Type 304 Stainless Steel Frame, Add	*683.43*	
		For Type 316 Stainless Steel Frame, Add	*795.97*	
		For Baked Enamel Finish, Add	*137.02*	
		For 18 Gauge Frame, Deduct	*-37.52*	
		For 14 Gauge Frame, Add	*93.79*	
		For 12 Gauge Frame, Add	*142.56*	
		For Clear Aluminum Frames (Three Piece), Add	*110.67*	
		For Black Aluminum Frames (Three Piece), Add	*168.82*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	552.27	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.27*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*45.02*	
		For Type 304 Stainless Steel Frame, Add	*684.13*	
		For Type 316 Stainless Steel Frame, Add	*796.67*	
		For Baked Enamel Finish, Add	*139.11*	
		For 18 Gauge Frame, Deduct	*-37.52*	
		For 14 Gauge Frame, Add	*93.79*	
		For 12 Gauge Frame, Add	*142.56*	
		For Clear Aluminum Frames (Three Piece), Add	*110.67*	
		For Black Aluminum Frames (Three Piece), Add	*168.82*	
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	562.84	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.16*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*45.73*	
		For Type 304 Stainless Steel Frame, Add	*695.00*	
		For Type 316 Stainless Steel Frame, Add	*809.32*	
		For Baked Enamel Finish, Add	*141.59*	
		For 18 Gauge Frame, Deduct	*-38.11*	
		For 14 Gauge Frame, Add	*95.27*	
		For 12 Gauge Frame, Add	*144.80*	
		For Clear Aluminum Frames (Three Piece), Add	*112.41*	
		For Black Aluminum Frames (Three Piece), Add	*171.48*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	573.41	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.04*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*46.44*	
		For Type 304 Stainless Steel Frame, Add	*705.85*	
		For Type 316 Stainless Steel Frame, Add	*821.94*	
		For Baked Enamel Finish, Add	*144.06*	
		For 18 Gauge Frame, Deduct	*-38.70*	
		For 14 Gauge Frame, Add	*96.74*	
		For 12 Gauge Frame, Add	*147.04*	
		For Clear Aluminum Frames (Three Piece), Add	*114.15*	
		For Black Aluminum Frames (Three Piece), Add	*174.13*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	609.31	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.03*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.63*	
		For Type 304 Stainless Steel Frame, Add	*754.18*	
		For Type 316 Stainless Steel Frame, Add	*878.24*	
		For Baked Enamel Finish, Add	*153.43*	
		For 18 Gauge Frame, Deduct	*-41.36*	
		For 14 Gauge Frame, Add	*103.39*	
		For 12 Gauge Frame, Add	*157.15*	
		For Clear Aluminum Frames (Three Piece), Add	*122.00*	
		For Black Aluminum Frames (Three Piece), Add	*186.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	618.64	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.03*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.63*	
		For Type 304 Stainless Steel Frame, Add	*754.64*	
		For Type 316 Stainless Steel Frame, Add	*878.71*	
		For Baked Enamel Finish, Add	*154.83*	
		For 18 Gauge Frame, Deduct	*-41.36*	
		For 14 Gauge Frame, Add	*103.39*	
		For 12 Gauge Frame, Add	*157.15*	
		For Clear Aluminum Frames (Three Piece), Add	*122.00*	
		For Black Aluminum Frames (Three Piece), Add	*186.10*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	642.73	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.25*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*51.40*	
		For Type 304 Stainless Steel Frame, Add	*781.70*	
		For Type 316 Stainless Steel Frame, Add	*910.19*	
		For Baked Enamel Finish, Add	*160.66*	
		For 18 Gauge Frame, Deduct	*-42.83*	
		For 14 Gauge Frame, Add	*107.08*	
		For 12 Gauge Frame, Add	*162.76*	
		For Clear Aluminum Frames (Three Piece), Add	*126.35*	
		For Black Aluminum Frames (Three Piece), Add	*192.74*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	666.83	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.46*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.17*	
		For Type 304 Stainless Steel Frame, Add	*808.75*	
		For Type 316 Stainless Steel Frame, Add	*941.68*	
		For Baked Enamel Finish, Add	*166.49*	
		For 18 Gauge Frame, Deduct	*-44.31*	
		For 14 Gauge Frame, Add	*110.77*	
		For 12 Gauge Frame, Add	*168.37*	
		For Clear Aluminum Frames (Three Piece), Add	*130.71*	
		For Black Aluminum Frames (Three Piece), Add	*199.39*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	676.14	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.46*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.17*	
		For Type 304 Stainless Steel Frame, Add	*809.21*	
		For Type 316 Stainless Steel Frame, Add	*942.14*	
		For Baked Enamel Finish, Add	*167.88*	
		For 18 Gauge Frame, Deduct	*-44.31*	
		For 14 Gauge Frame, Add	*110.77*	
		For 12 Gauge Frame, Add	*168.37*	
		For Clear Aluminum Frames (Three Piece), Add	*130.71*	
		For Black Aluminum Frames (Three Piece), Add	*199.39*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	688.19	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.57*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*54.06*	
		For Type 304 Stainless Steel Frame, Add	*822.73*	
		For Type 316 Stainless Steel Frame, Add	*957.87*	
		For Baked Enamel Finish, Add	*170.80*	
		For 18 Gauge Frame, Deduct	*-45.05*	
		For 14 Gauge Frame, Add	*112.62*	
		For 12 Gauge Frame, Add	*171.18*	
		For Clear Aluminum Frames (Three Piece), Add	*132.89*	
		For Black Aluminum Frames (Three Piece), Add	*202.71*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	700.24	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.68*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*54.94*	
		For Type 304 Stainless Steel Frame, Add	*836.27*	
		For Type 316 Stainless Steel Frame, Add	*973.63*	
		For Baked Enamel Finish, Add	*173.72*	
		For 18 Gauge Frame, Deduct	*-45.79*	
		For 14 Gauge Frame, Add	*114.47*	
		For 12 Gauge Frame, Add	*173.99*	
		For Clear Aluminum Frames (Three Piece), Add	*135.07*	
		For Black Aluminum Frames (Three Piece), Add	*206.04*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	734.43	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.11*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*58.49*	
		For Type 304 Stainless Steel Frame, Add	*889.65*	
		For Type 316 Stainless Steel Frame, Add	*1,035.87*	
		For Baked Enamel Finish, Add	*183.27*	
		For 18 Gauge Frame, Deduct	*-48.74*	
		For 14 Gauge Frame, Add	*121.85*	
		For 12 Gauge Frame, Add	*185.21*	
		For Clear Aluminum Frames (Three Piece), Add	*143.78*	
		For Black Aluminum Frames (Three Piece), Add	*219.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	768.64	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.54*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*62.03*	
		For Type 304 Stainless Steel Frame, Add	*943.08*	
		For Type 316 Stainless Steel Frame, Add	*1,098.16*	
		For Baked Enamel Finish, Add	*192.84*	
		For 18 Gauge Frame, Deduct	*-51.69*	
		For 14 Gauge Frame, Add	*129.24*	
		For 12 Gauge Frame, Add	*196.44*	
		For Clear Aluminum Frames (Three Piece), Add	*152.50*	
		For Black Aluminum Frames (Three Piece), Add	*232.62*	
08 12 13 13-0100		6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*		
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	439.91	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*45.01*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*36.01*	
		For Type 304 Stainless Steel Frame, Add	*547.14*	
		For Type 316 Stainless Steel Frame, Add	*637.16*	
		For Baked Enamel Finish, Add	*111.00*	
		For 18 Gauge Frame, Deduct	*-30.01*	
		For 14 Gauge Frame, Add	*75.02*	
		For 12 Gauge Frame, Add	*114.03*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	511.06	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.59*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*42.87*	
		For Type 304 Stainless Steel Frame, Add	*650.72*	
		For Type 316 Stainless Steel Frame, Add	*757.90*	
		For Baked Enamel Finish, Add	*130.25*	
		For 18 Gauge Frame, Deduct	*-35.72*	
		For 14 Gauge Frame, Add	*89.31*	
		For 12 Gauge Frame, Add	*135.75*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	526.10	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.44*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*43.56*	
		For Type 304 Stainless Steel Frame, Add	*661.49*	
		For Type 316 Stainless Steel Frame, Add	*770.37*	
		For Baked Enamel Finish, Add	*133.36*	
		For 18 Gauge Frame, Deduct	*-36.30*	
		For 14 Gauge Frame, Add	*90.74*	
		For 12 Gauge Frame, Add	*137.92*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	540.08	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.44*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*43.56*	
		For Type 304 Stainless Steel Frame, Add	*662.18*	
		For Type 316 Stainless Steel Frame, Add	*771.07*	
		For Baked Enamel Finish, Add	*135.46*	
		For 18 Gauge Frame, Deduct	*-36.30*	
		For 14 Gauge Frame, Add	*90.74*	
		For 12 Gauge Frame, Add	*137.92*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	550.45	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*55.30*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.24*	
		For Type 304 Stainless Steel Frame, Add	*672.70*	
		For Type 316 Stainless Steel Frame, Add	*783.30*	
		For Baked Enamel Finish, Add	*137.87*	
		For 18 Gauge Frame, Deduct	*-36.87*	
		For 14 Gauge Frame, Add	*92.17*	
		For 12 Gauge Frame, Add	*140.09*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	560.84	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.16*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.93*	
		For Type 304 Stainless Steel Frame, Add	*683.22*	
		For Type 316 Stainless Steel Frame, Add	*795.54*	
		For Baked Enamel Finish, Add	*140.28*	
		For 18 Gauge Frame, Deduct	*-37.44*	
		For 14 Gauge Frame, Add	*93.60*	
		For 12 Gauge Frame, Add	*142.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	595.87	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.02*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*48.01*	
		For Type 304 Stainless Steel Frame, Add	*729.99*	
		For Type 316 Stainless Steel Frame, Add	*850.02*	
		For Baked Enamel Finish, Add	*149.40*	
		For 18 Gauge Frame, Deduct	*-40.01*	
		For 14 Gauge Frame, Add	*100.03*	
		For 12 Gauge Frame, Add	*152.04*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	605.20	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.02*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*48.01*	
		For Type 304 Stainless Steel Frame, Add	*730.45*	
		For Type 316 Stainless Steel Frame, Add	*850.49*	
		For Baked Enamel Finish, Add	*150.80*	
		For 18 Gauge Frame, Deduct	*-40.01*	
		For 14 Gauge Frame, Add	*100.03*	
		For 12 Gauge Frame, Add	*152.04*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	628.81	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.16*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.73*	
		For Type 304 Stainless Steel Frame, Add	*756.64*	
		For Type 316 Stainless Steel Frame, Add	*880.96*	
		For Baked Enamel Finish, Add	*156.48*	
		For 18 Gauge Frame, Deduct	*-41.44*	
		For 14 Gauge Frame, Add	*103.60*	
		For 12 Gauge Frame, Add	*157.47*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	652.43	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.30*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*51.44*	
		For Type 304 Stainless Steel Frame, Add	*782.83*	
		For Type 316 Stainless Steel Frame, Add	*911.44*	
		For Baked Enamel Finish, Add	*162.17*	
		For 18 Gauge Frame, Deduct	*-42.87*	
		For 14 Gauge Frame, Add	*107.17*	
		For 12 Gauge Frame, Add	*162.90*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	661.74	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.30*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*51.44*	
		For Type 304 Stainless Steel Frame, Add	*783.29*	
		For Type 316 Stainless Steel Frame, Add	*911.90*	
		For Baked Enamel Finish, Add	*163.56*	
		For 18 Gauge Frame, Deduct	*-42.87*	
		For 14 Gauge Frame, Add	*107.17*	
		For 12 Gauge Frame, Add	*162.90*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	673.55	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.37*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*52.30*	
		For Type 304 Stainless Steel Frame, Add	*796.38*	
		For Type 316 Stainless Steel Frame, Add	*927.13*	
		For Baked Enamel Finish, Add	*166.41*	
		For 18 Gauge Frame, Deduct	*-43.58*	
		For 14 Gauge Frame, Add	*108.96*	
		For 12 Gauge Frame, Add	*165.62*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	685.36	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.16*	
		For Type 304 Stainless Steel Frame, Add	*809.48*	
		For Type 316 Stainless Steel Frame, Add	*942.38*	
		For Baked Enamel Finish, Add	*169.25*	
		For 18 Gauge Frame, Deduct	*-44.30*	
		For 14 Gauge Frame, Add	*110.75*	
		For 12 Gauge Frame, Add	*168.33*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	718.59	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.73*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*56.59*	
		For Type 304 Stainless Steel Frame, Add	*861.14*	
		For Type 316 Stainless Steel Frame, Add	*1,002.61*	
		For Baked Enamel Finish, Add	*178.52*	
		For 18 Gauge Frame, Deduct	*-47.16*	
		For 14 Gauge Frame, Add	*117.89*	
		For 12 Gauge Frame, Add	*179.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	751.84	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*75.02*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*60.02*	
		For Type 304 Stainless Steel Frame, Add	*912.84*	
		For Type 316 Stainless Steel Frame, Add	*1,062.88*	
		For Baked Enamel Finish, Add	*187.80*	
		For 18 Gauge Frame, Deduct	*-50.01*	
		For 14 Gauge Frame, Add	*125.04*	
		For 12 Gauge Frame, Add	*190.05*	
08 12 13 13-0117		>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*		
08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	473.25	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.01*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*40.01*	
		For Type 304 Stainless Steel Frame, Add	*607.15*	
		For Type 316 Stainless Steel Frame, Add	*707.17*	
		For Baked Enamel Finish, Add	*121.00*	
		For 18 Gauge Frame, Deduct	*-33.34*	
		For 14 Gauge Frame, Add	*83.36*	
		For 12 Gauge Frame, Add	*126.70*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	550.75	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.54*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*47.63*	
		For Type 304 Stainless Steel Frame, Add	*722.17*	
		For Type 316 Stainless Steel Frame, Add	*841.24*	
		For Baked Enamel Finish, Add	*142.15*	
		For 18 Gauge Frame, Deduct	*-39.69*	
		For 14 Gauge Frame, Add	*99.23*	
		For 12 Gauge Frame, Add	*150.83*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	566.42	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*48.39*	
		For Type 304 Stainless Steel Frame, Add	*734.06*	
		For Type 316 Stainless Steel Frame, Add	*855.05*	
		For Baked Enamel Finish, Add	*145.46*	
		For 18 Gauge Frame, Deduct	*-40.33*	
		For 14 Gauge Frame, Add	*100.82*	
		For 12 Gauge Frame, Add	*153.25*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	580.40	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.49*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*48.39*	
		For Type 304 Stainless Steel Frame, Add	*734.76*	
		For Type 316 Stainless Steel Frame, Add	*855.74*	
		For Baked Enamel Finish, Add	*147.55*	
		For 18 Gauge Frame, Deduct	*-40.33*	
		For 14 Gauge Frame, Add	*100.82*	
		For 12 Gauge Frame, Add	*153.25*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	591.42	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.16*	
		For Type 304 Stainless Steel Frame, Add	*746.44*	
		For Type 316 Stainless Steel Frame, Add	*869.33*	
		For Baked Enamel Finish, Add	*150.16*	
		For 18 Gauge Frame, Deduct	*-40.96*	
		For 14 Gauge Frame, Add	*102.41*	
		For 12 Gauge Frame, Add	*155.66*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	602.44	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.40*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.92*	
		For Type 304 Stainless Steel Frame, Add	*758.10*	
		For Type 316 Stainless Steel Frame, Add	*882.90*	
		For Baked Enamel Finish, Add	*152.76*	
		For 18 Gauge Frame, Deduct	*-41.60*	
		For 14 Gauge Frame, Add	*104.00*	
		For 12 Gauge Frame, Add	*158.08*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	640.33	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.69*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.35*	
		For Type 304 Stainless Steel Frame, Add	*810.01*	
		For Type 316 Stainless Steel Frame, Add	*943.39*	
		For Baked Enamel Finish, Add	*162.74*	
		For 18 Gauge Frame, Deduct	*-44.46*	
		For 14 Gauge Frame, Add	*111.14*	
		For 12 Gauge Frame, Add	*168.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	649.66	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.69*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.35*	
		For Type 304 Stainless Steel Frame, Add	*810.48*	
		For Type 316 Stainless Steel Frame, Add	*943.85*	
		For Baked Enamel Finish, Add	*164.13*	
		For 18 Gauge Frame, Deduct	*-44.46*	
		For 14 Gauge Frame, Add	*111.14*	
		For 12 Gauge Frame, Add	*168.94*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	674.85	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.07*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*55.25*	
		For Type 304 Stainless Steel Frame, Add	*839.51*	
		For Type 316 Stainless Steel Frame, Add	*977.64*	
		For Baked Enamel Finish, Add	*170.29*	
		For 18 Gauge Frame, Deduct	*-46.04*	
		For 14 Gauge Frame, Add	*115.11*	
		For 12 Gauge Frame, Add	*174.97*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	700.06	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*71.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*57.16*	
		For Type 304 Stainless Steel Frame, Add	*868.56*	
		For Type 316 Stainless Steel Frame, Add	*1,011.46*	
		For Baked Enamel Finish, Add	*176.46*	
		For 18 Gauge Frame, Deduct	*-47.63*	
		For 14 Gauge Frame, Add	*119.08*	
		For 12 Gauge Frame, Add	*181.00*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	709.37	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*71.45*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*57.16*	
		For Type 304 Stainless Steel Frame, Add	*869.03*	
		For Type 316 Stainless Steel Frame, Add	*1,011.92*	
		For Baked Enamel Finish, Add	*177.85*	
		For 18 Gauge Frame, Deduct	*-47.63*	
		For 14 Gauge Frame, Add	*119.08*	
		For 12 Gauge Frame, Add	*181.00*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	721.98	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*72.64*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*58.11*	
		For Type 304 Stainless Steel Frame, Add	*883.55*	
		For Type 316 Stainless Steel Frame, Add	*1,028.83*	
		For Baked Enamel Finish, Add	*180.94*	
		For 18 Gauge Frame, Deduct	*-48.43*	
		For 14 Gauge Frame, Add	*121.07*	
		For 12 Gauge Frame, Add	*184.02*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	734.58	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.83*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*59.06*	
		For Type 304 Stainless Steel Frame, Add	*898.08*	
		For Type 316 Stainless Steel Frame, Add	*1,045.74*	
		For Baked Enamel Finish, Add	*184.02*	
		For 18 Gauge Frame, Deduct	*-49.22*	
		For 14 Gauge Frame, Add	*123.05*	
		For 12 Gauge Frame, Add	*187.04*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	770.99	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.59*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*62.87*	
		For Type 304 Stainless Steel Frame, Add	*955.46*	
		For Type 316 Stainless Steel Frame, Add	*1,112.65*	
		For Baked Enamel Finish, Add	*194.24*	
		For 18 Gauge Frame, Deduct	*-52.40*	
		For 14 Gauge Frame, Add	*130.99*	
		For 12 Gauge Frame, Add	*199.10*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	807.41	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*83.36*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*66.69*	
		For Type 304 Stainless Steel Frame, Add	*1,012.86*	
		For Type 316 Stainless Steel Frame, Add	*1,179.58*	
		For Baked Enamel Finish, Add	*204.47*	
		For 18 Gauge Frame, Deduct	*-55.57*	
		For 14 Gauge Frame, Add	*138.93*	
		For 12 Gauge Frame, Add	*211.17*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0134		6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*		
08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	453.87	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.11*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*37.68*	
		For Type 304 Stainless Steel Frame, Add	*572.26*	
		For Type 316 Stainless Steel Frame, Add	*666.48*	
		For Baked Enamel Finish, Add	*115.19*	
		For 18 Gauge Frame, Deduct	*-31.40*	
		For 14 Gauge Frame, Add	*78.51*	
		For 12 Gauge Frame, Add	*119.34*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	527.68	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.09*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*44.86*	
		For Type 304 Stainless Steel Frame, Add	*680.64*	
		For Type 316 Stainless Steel Frame, Add	*792.80*	
		For Baked Enamel Finish, Add	*135.23*	
		For 18 Gauge Frame, Deduct	*-37.39*	
		For 14 Gauge Frame, Add	*93.47*	
		For 12 Gauge Frame, Add	*142.07*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	542.98	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.98*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*45.58*	
		For Type 304 Stainless Steel Frame, Add	*691.87*	
		For Type 316 Stainless Steel Frame, Add	*805.82*	
		For Baked Enamel Finish, Add	*138.42*	
		For 18 Gauge Frame, Deduct	*-37.98*	
		For 14 Gauge Frame, Add	*94.96*	
		For 12 Gauge Frame, Add	*144.34*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.96	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.98*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*45.58*	
		For Type 304 Stainless Steel Frame, Add	*692.57*	
		For Type 316 Stainless Steel Frame, Add	*806.52*	
		For Baked Enamel Finish, Add	*140.52*	
		For 18 Gauge Frame, Deduct	*-37.98*	
		For 14 Gauge Frame, Add	*94.96*	
		For 12 Gauge Frame, Add	*144.34*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	567.60	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.87*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*46.30*	
		For Type 304 Stainless Steel Frame, Add	*703.57*	
		For Type 316 Stainless Steel Frame, Add	*819.31*	
		For Baked Enamel Finish, Add	*143.01*	
		For 18 Gauge Frame, Deduct	*-38.58*	
		For 14 Gauge Frame, Add	*96.46*	
		For 12 Gauge Frame, Add	*146.61*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	578.25	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.77*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*47.02*	
		For Type 304 Stainless Steel Frame, Add	*714.56*	
		For Type 316 Stainless Steel Frame, Add	*832.10*	
		For Baked Enamel Finish, Add	*145.51*	
		For 18 Gauge Frame, Deduct	*-39.18*	
		For 14 Gauge Frame, Add	*97.95*	
		For 12 Gauge Frame, Add	*148.88*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	614.48	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.81*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*50.25*	
		For Type 304 Stainless Steel Frame, Add	*763.48*	
		For Type 316 Stainless Steel Frame, Add	*889.10*	
		For Baked Enamel Finish, Add	*154.98*	
		For 18 Gauge Frame, Deduct	*-41.87*	
		For 14 Gauge Frame, Add	*104.68*	
		For 12 Gauge Frame, Add	*159.11*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	623.81	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.81*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*50.25*	
		For Type 304 Stainless Steel Frame, Add	*763.95*	
		For Type 316 Stainless Steel Frame, Add	*889.57*	
		For Baked Enamel Finish, Add	*156.38*	
		For 18 Gauge Frame, Deduct	*-41.87*	
		For 14 Gauge Frame, Add	*104.68*	
		For 12 Gauge Frame, Add	*159.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	648.08	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.05*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*52.04*	
		For Type 304 Stainless Steel Frame, Add	*791.33*	
		For Type 316 Stainless Steel Frame, Add	*921.43*	
		For Baked Enamel Finish, Add	*162.26*	
		For 18 Gauge Frame, Deduct	*-43.37*	
		For 14 Gauge Frame, Add	*108.42*	
		For 12 Gauge Frame, Add	*164.79*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	672.37	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.29*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.84*	
		For Type 304 Stainless Steel Frame, Add	*818.72*	
		For Type 316 Stainless Steel Frame, Add	*953.31*	
		For Baked Enamel Finish, Add	*168.15*	
		For 18 Gauge Frame, Deduct	*-44.86*	
		For 14 Gauge Frame, Add	*112.16*	
		For 12 Gauge Frame, Add	*170.48*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	681.68	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.29*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*53.84*	
		For Type 304 Stainless Steel Frame, Add	*819.19*	
		For Type 316 Stainless Steel Frame, Add	*953.78*	
		For Baked Enamel Finish, Add	*169.55*	
		For 18 Gauge Frame, Deduct	*-44.86*	
		For 14 Gauge Frame, Add	*112.16*	
		For 12 Gauge Frame, Add	*170.48*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	693.82	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.42*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*54.73*	
		For Type 304 Stainless Steel Frame, Add	*832.87*	
		For Type 316 Stainless Steel Frame, Add	*969.70*	
		For Baked Enamel Finish, Add	*172.49*	
		For 18 Gauge Frame, Deduct	*-45.61*	
		For 14 Gauge Frame, Add	*114.03*	
		For 12 Gauge Frame, Add	*173.32*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	705.96	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.54*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*55.63*	
		For Type 304 Stainless Steel Frame, Add	*846.56*	
		For Type 316 Stainless Steel Frame, Add	*985.64*	
		For Baked Enamel Finish, Add	*175.43*	
		For 18 Gauge Frame, Deduct	*-46.36*	
		For 14 Gauge Frame, Add	*115.90*	
		For 12 Gauge Frame, Add	*176.16*	
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	740.53	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.02*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*59.22*	
		For Type 304 Stainless Steel Frame, Add	*900.63*	
		For Type 316 Stainless Steel Frame, Add	*1,048.68*	
		For Baked Enamel Finish, Add	*185.10*	
		For 18 Gauge Frame, Deduct	*-49.35*	
		For 14 Gauge Frame, Add	*123.37*	
		For 12 Gauge Frame, Add	*187.53*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	775.10	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.51*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*62.81*	
		For Type 304 Stainless Steel Frame, Add	*954.71*	
		For Type 316 Stainless Steel Frame, Add	*1,111.73*	
		For Baked Enamel Finish, Add	*194.78*	
		For 18 Gauge Frame, Deduct	*-52.34*	
		For 14 Gauge Frame, Add	*130.85*	
		For 12 Gauge Frame, Add	*198.89*	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	488.76	69.92
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.34*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*41.87*	
		For Type 304 Stainless Steel Frame, Add	*635.07*	
		For Type 316 Stainless Steel Frame, Add	*739.74*	
		For Baked Enamel Finish, Add	*125.65*	
		For 18 Gauge Frame, Deduct	*-34.89*	
		For 14 Gauge Frame, Add	*87.23*	
		For 12 Gauge Frame, Add	*132.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.22	76.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.31*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*49.85*	
		For Type 304 Stainless Steel Frame, Add	*755.41*	
		For Type 316 Stainless Steel Frame, Add	*880.03*	
		For Baked Enamel Finish, Add	*147.69*	
		For 18 Gauge Frame, Deduct	*-41.54*	
		For 14 Gauge Frame, Add	*103.85*	
		For 12 Gauge Frame, Add	*157.85*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	585.18	81.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.31*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*50.64*	
		For Type 304 Stainless Steel Frame, Add	*767.83*	
		For Type 316 Stainless Steel Frame, Add	*894.44*	
		For Baked Enamel Finish, Add	*151.08*	
		For 18 Gauge Frame, Deduct	*-42.20*	
		For 14 Gauge Frame, Add	*105.51*	
		For 12 Gauge Frame, Add	*160.38*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	599.16	88.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.31*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*50.64*	
		For Type 304 Stainless Steel Frame, Add	*768.53*	
		For Type 316 Stainless Steel Frame, Add	*895.14*	
		For Baked Enamel Finish, Add	*153.18*	
		For 18 Gauge Frame, Deduct	*-42.20*	
		For 14 Gauge Frame, Add	*105.51*	
		For 12 Gauge Frame, Add	*160.38*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	610.47	90.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.30*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*51.44*	
		For Type 304 Stainless Steel Frame, Add	*780.73*	
		For Type 316 Stainless Steel Frame, Add	*909.34*	
		For Baked Enamel Finish, Add	*155.87*	
		For 18 Gauge Frame, Deduct	*-42.87*	
		For 14 Gauge Frame, Add	*107.17*	
		For 12 Gauge Frame, Add	*162.90*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	621.78	93.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.30*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*52.24*	
		For Type 304 Stainless Steel Frame, Add	*792.92*	
		For Type 316 Stainless Steel Frame, Add	*923.52*	
		For Baked Enamel Finish, Add	*158.57*	
		For 18 Gauge Frame, Deduct	*-43.53*	
		For 14 Gauge Frame, Add	*108.83*	
		For 12 Gauge Frame, Add	*165.43*	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	661.00	97.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*55.83*	
		For Type 304 Stainless Steel Frame, Add	*847.22*	
		For Type 316 Stainless Steel Frame, Add	*986.79*	
		For Baked Enamel Finish, Add	*168.94*	
		For 18 Gauge Frame, Deduct	*-46.52*	
		For 14 Gauge Frame, Add	*116.31*	
		For 12 Gauge Frame, Add	*176.79*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	670.33	102.55
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.79*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*55.83*	
		For Type 304 Stainless Steel Frame, Add	*847.69*	
		For Type 316 Stainless Steel Frame, Add	*987.26*	
		For Baked Enamel Finish, Add	*170.34*	
		For 18 Gauge Frame, Deduct	*-46.52*	
		For 14 Gauge Frame, Add	*116.31*	
		For 12 Gauge Frame, Add	*176.79*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	696.27	107.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*72.28*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*57.82*	
		For Type 304 Stainless Steel Frame, Add	*878.07*	
		For Type 316 Stainless Steel Frame, Add	*1,022.63*	
		For Baked Enamel Finish, Add	*176.72*	
		For 18 Gauge Frame, Deduct	*-48.19*	
		For 14 Gauge Frame, Add	*120.47*	
		For 12 Gauge Frame, Add	*183.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	722.21	111.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.77*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*59.82*	
		For Type 304 Stainless Steel Frame, Add	*908.43*	
		For Type 316 Stainless Steel Frame, Add	*1,057.97*	
		For Baked Enamel Finish, Add	*183.10*	
		For 18 Gauge Frame, Deduct	*-49.85*	
		For 14 Gauge Frame, Add	*124.62*	
		For 12 Gauge Frame, Add	*189.42*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	731.52	116.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.77*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*59.82*	
		For Type 304 Stainless Steel Frame, Add	*908.90*	
		For Type 316 Stainless Steel Frame, Add	*1,058.44*	
		For Baked Enamel Finish, Add	*184.50*	
		For 18 Gauge Frame, Deduct	*-49.85*	
		For 14 Gauge Frame, Add	*124.62*	
		For 12 Gauge Frame, Add	*189.42*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	744.50	118.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*76.02*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*60.81*	
		For Type 304 Stainless Steel Frame, Add	*924.09*	
		For Type 316 Stainless Steel Frame, Add	*1,076.12*	
		For Baked Enamel Finish, Add	*187.69*	
		For 18 Gauge Frame, Deduct	*-50.68*	
		For 14 Gauge Frame, Add	*126.70*	
		For 12 Gauge Frame, Add	*192.58*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	757.47	121.19
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.26*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*61.81*	
		For Type 304 Stainless Steel Frame, Add	*939.28*	
		For Type 316 Stainless Steel Frame, Add	*1,093.81*	
		For Baked Enamel Finish, Add	*190.88*	
		For 18 Gauge Frame, Deduct	*-51.51*	
		For 14 Gauge Frame, Add	*128.77*	
		For 12 Gauge Frame, Add	*195.73*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	795.36	123.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*82.25*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*65.80*	
		For Type 304 Stainless Steel Frame, Add	*999.33*	
		For Type 316 Stainless Steel Frame, Add	*1,163.82*	
		For Baked Enamel Finish, Add	*201.55*	
		For 18 Gauge Frame, Deduct	*-54.83*	
		For 14 Gauge Frame, Add	*137.08*	
		For 12 Gauge Frame, Add	*208.36*	
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	833.25	125.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*87.23*	
		For Welded Frames, Add	*92.51*	
		For Galvanized Frames, Add	*69.79*	
		For Type 304 Stainless Steel Frame, Add	*1,059.38*	
		For Type 316 Stainless Steel Frame, Add	*1,233.84*	
		For Baked Enamel Finish, Add	*212.22*	
		For 18 Gauge Frame, Deduct	*-58.16*	
		For 14 Gauge Frame, Add	*145.39*	
		For 12 Gauge Frame, Add	*220.99*	

08 12 13 13-0166 Sidelights And Transoms *(08 12 13 13)*
Note: For non-rated or fire rated frame assemblies

08 12 13 13-0167 Fixed Steel Transoms *(08 12 13 13-0166)*
Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	54.35	13.05
		For Movable Frame, Add	*10.87*	
		For 18 Gauge Frame, Deduct	*-2.82*	
		For 14 Gauge Frame, Add	*7.06*	
		For 12 Gauge Frame, Add	*10.73*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	56.66	13.52
		For Movable Frame, Add	*11.33*	
		For 18 Gauge Frame, Deduct	*-2.96*	
		For 14 Gauge Frame, Add	*7.41*	
		For 12 Gauge Frame, Add	*11.26*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	59.09	13.99
		For Movable Frame, Add	*11.82*	
		For 18 Gauge Frame, Deduct	*-3.11*	
		For 14 Gauge Frame, Add	*7.78*	
		For 12 Gauge Frame, Add	*11.83*	

08 12 13 13-0171 Operable Steel Transom Sash *(08 12 13 13-0166)*
Note: Includes hardware.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	73.43	13.05
		For 18 Gauge Frame, Deduct	*-4.73*	
		For 14 Gauge Frame, Add	*11.83*	
		For 12 Gauge Frame, Add	*17.98*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	76.72	13.52
		For 18 Gauge Frame, Deduct	*-4.97*	
		For 14 Gauge Frame, Add	*12.42*	
		For 12 Gauge Frame, Add	*18.88*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	80.14	13.99
		For 18 Gauge Frame, Deduct	*-5.22*	
		For 14 Gauge Frame, Add	*13.04*	
		For 12 Gauge Frame, Add	*19.82*	
08 12 13 13-0175		**Sidelights, Steel Frame** *(08 12 13 13-0166)*		
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	56.46	13.05
		For 18 Gauge Frame, Deduct	*-3.04*	
		For 14 Gauge Frame, Add	*7.59*	
		For 12 Gauge Frame, Add	*11.53*	
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	58.90	13.52
		For 18 Gauge Frame, Deduct	*-3.19*	
		For 14 Gauge Frame, Add	*7.97*	
		For 12 Gauge Frame, Add	*12.11*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	61.42	13.99
		For 18 Gauge Frame, Deduct	*-3.35*	
		For 14 Gauge Frame, Add	*8.36*	
		For 12 Gauge Frame, Add	*12.71*	
08 12 13 13-0179		**Sundry Hollow Metal Frame Sections** *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180		**16 Gauge, Hollow Metal Frame Vertical Mullions** *(08 12 13 13-0179)*		
08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	44.91	5.22
		For 18 Gauge Frame, Deduct	*-3.18*	
		For 14 Gauge Frame, Add	*7.95*	
		For 12 Gauge Frame, Add	*12.08*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	46.19	5.22
		For 18 Gauge Frame, Deduct	*-3.31*	
		For 14 Gauge Frame, Add	*8.27*	
		For 12 Gauge Frame, Add	*12.56*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	45.29	5.40
		For 18 Gauge Frame, Deduct	*-3.18*	
		For 14 Gauge Frame, Add	*7.95*	
		For 12 Gauge Frame, Add	*12.08*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	47.27	5.40
		For 18 Gauge Frame, Deduct	*-3.38*	
		For 14 Gauge Frame, Add	*8.44*	
		For 12 Gauge Frame, Add	*12.83*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	47.18	5.50
		For 18 Gauge Frame, Deduct	*-3.34*	
		For 14 Gauge Frame, Add	*8.34*	
		For 12 Gauge Frame, Add	*12.68*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	47.94	5.50
		For 18 Gauge Frame, Deduct	*-3.41*	
		For 14 Gauge Frame, Add	*8.53*	
		For 12 Gauge Frame, Add	*12.97*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0187		**16 Gauge, Hollow Metal Frame Horizontal Rails** *(08 12 13 13-0179)*		
08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	29.02	5.22
		For 18 Gauge Frame, Deduct	*-1.59*	
		For 14 Gauge Frame, Add	*3.97*	
		For 12 Gauge Frame, Add	*6.04*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.64	5.22
		For 18 Gauge Frame, Deduct	*-1.75*	
		For 14 Gauge Frame, Add	*4.38*	
		For 12 Gauge Frame, Add	*6.65*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	29.40	5.40
		For 18 Gauge Frame, Deduct	*-1.59*	
		For 14 Gauge Frame, Add	*3.97*	
		For 12 Gauge Frame, Add	*6.04*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	31.02	5.40
		For 18 Gauge Frame, Deduct	*-1.75*	
		For 14 Gauge Frame, Add	*4.38*	
		For 12 Gauge Frame, Add	*6.65*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.50	5.50
		For 18 Gauge Frame, Deduct	*-1.67*	
		For 14 Gauge Frame, Add	*4.17*	
		For 12 Gauge Frame, Add	*6.34*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	31.90	5.50
		For 18 Gauge Frame, Deduct	*-1.81*	
		For 14 Gauge Frame, Add	*4.52*	
		For 12 Gauge Frame, Add	*6.87*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0194		16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0179)*		
08 12 13 13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,352.48	36.54
		For 18 Gauge Frame, Deduct	*-126.11*	
		For 14 Gauge Frame, Add	*315.28*	
		For 12 Gauge Frame, Add	*479.23*	
08 12 13 13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,402.78	36.54
		For 18 Gauge Frame, Deduct	*-131.14*	
		For 14 Gauge Frame, Add	*327.86*	
		For 12 Gauge Frame, Add	*498.34*	
08 12 13 13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,558.29	38.23
		For 18 Gauge Frame, Deduct	*-146.41*	
		For 14 Gauge Frame, Add	*366.03*	
		For 12 Gauge Frame, Add	*556.37*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,603.20	38.23
		For 18 Gauge Frame, Deduct	*-150.90*	
		For 14 Gauge Frame, Add	*377.26*	
		For 12 Gauge Frame, Add	*573.44*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,818.92	39.15
		For 18 Gauge Frame, Deduct	*-172.10*	
		For 14 Gauge Frame, Add	*430.26*	
		For 12 Gauge Frame, Add	*653.99*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,849.46	39.15
		For 18 Gauge Frame, Deduct	*-175.16*	
		For 14 Gauge Frame, Add	*437.89*	
		For 12 Gauge Frame, Add	*665.60*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0201		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0202	EA	For 1' Extension Of New Door Frame	57.04	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	1,844.99	51.27
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	1,844.99	51.27

08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	1,844.99	51.27
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	1,844.99	51.27

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	835.17	51.27
		For Galvanized Steel Door, Add	*146.52*	
		For Type 304 Stainless Steel Door, Add	*586.10*	
		For Type 316 Stainless Steel Door, Add	*952.41*	
		For Embossed Panel Door, Add	*175.83*	
		For Baked Enamel Finish, Add	*235.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-65.20*	
		For Polystyrene Core, Add	*73.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*183.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.58*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	835.17	51.27
		For Galvanized Steel Door, Add	*146.52*	
		For Type 304 Stainless Steel Door, Add	*586.10*	
		For Type 316 Stainless Steel Door, Add	*952.41*	
		For Embossed Panel Door, Add	*175.83*	
		For Baked Enamel Finish, Add	*235.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-65.20*	
		For Polystyrene Core, Add	*73.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*183.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.58*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	854.80	53.60
		For Galvanized Steel Door, Add	*149.52*	
		For Type 304 Stainless Steel Door, Add	*598.08*	
		For Type 316 Stainless Steel Door, Add	*971.88*	
		For Embossed Panel Door, Add	*179.42*	
		For Baked Enamel Finish, Add	*240.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.42*	
		For >100, Deduct	*-66.79*	
		For Polystyrene Core, Add	*74.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*186.90*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	865.96	53.60
		For Galvanized Steel Door, Add	*151.75*	
		For Type 304 Stainless Steel Door, Add	*607.01*	
		For Type 316 Stainless Steel Door, Add	*986.39*	
		For Embossed Panel Door, Add	*182.10*	
		For Baked Enamel Finish, Add	*243.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.98*	
		For >100, Deduct	*-67.63*	
		For Polystyrene Core, Add	*75.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*189.69*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.85*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	872.75	54.77
		For Galvanized Steel Door, Add	*152.64*	
		For Type 304 Stainless Steel Door, Add	*610.58*	
		For Type 316 Stainless Steel Door, Add	*992.19*	
		For Embossed Panel Door, Add	*183.17*	
		For Baked Enamel Finish, Add	*245.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.38*	
		For >100, Deduct	*-68.19*	
		For Polystyrene Core, Add	*76.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.81*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.40*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	879.55	55.93
		For Galvanized Steel Door, Add	*153.54*	
		For Type 304 Stainless Steel Door, Add	*614.15*	
		For Type 316 Stainless Steel Door, Add	*998.00*	
		For Embossed Panel Door, Add	*184.25*	
		For Baked Enamel Finish, Add	*247.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.77*	
		For >100, Deduct	*-68.76*	
		For Polystyrene Core, Add	*76.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*191.92*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.96*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	937.57	55.93
		For Galvanized Steel Door, Add	*165.14*	
		For Type 304 Stainless Steel Door, Add	*660.57*	
		For Type 316 Stainless Steel Door, Add	*1,073.42*	
		For Embossed Panel Door, Add	*198.17*	
		For Baked Enamel Finish, Add	*264.49*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.68*	
		For >100, Deduct	*-73.11*	
		For Polystyrene Core, Add	*82.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*206.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.21*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	964.56	58.26
		For Galvanized Steel Door, Add	*169.61*	
		For Type 304 Stainless Steel Door, Add	*678.42*	
		For Type 316 Stainless Steel Door, Add	*1,102.44*	
		For Embossed Panel Door, Add	*203.53*	
		For Baked Enamel Finish, Add	*271.89*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.14*	
		For >100, Deduct	*-75.26*	
		For Polystyrene Core, Add	*84.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*212.01*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*106.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,063.14	62.93
		For Galvanized Steel Door, Add	*187.46*	
		For Type 304 Stainless Steel Door, Add	*749.83*	
		For Type 316 Stainless Steel Door, Add	*1,218.48*	
		For Embossed Panel Door, Add	*224.95*	
		For Baked Enamel Finish, Add	*300.06*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.30*	
		For >100, Deduct	*-82.88*	
		For Polystyrene Core, Add	*93.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*234.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*117.16*	
08 13 13 13-0012		7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*		
08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	854.36	51.27
		For Galvanized Steel Door, Add	*150.36*	
		For Type 304 Stainless Steel Door, Add	*601.45*	
		For Type 316 Stainless Steel Door, Add	*977.35*	
		For Embossed Panel Door, Add	*180.43*	
		For Baked Enamel Finish, Add	*240.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.28*	
		For >100, Deduct	*-66.64*	
		For Polystyrene Core, Add	*75.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*187.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.98*	
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	854.36	51.27
		For Galvanized Steel Door, Add	*150.36*	
		For Type 304 Stainless Steel Door, Add	*601.45*	
		For Type 316 Stainless Steel Door, Add	*977.35*	
		For Embossed Panel Door, Add	*180.43*	
		For Baked Enamel Finish, Add	*240.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.28*	
		For >100, Deduct	*-66.64*	
		For Polystyrene Core, Add	*75.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*187.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.98*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	874.39	53.60
		For Galvanized Steel Door, Add	*153.44*	
		For Type 304 Stainless Steel Door, Add	*613.75*	
		For Type 316 Stainless Steel Door, Add	*997.35*	
		For Embossed Panel Door, Add	*184.13*	
		For Baked Enamel Finish, Add	*246.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.40*	
		For >100, Deduct	*-68.26*	
		For Polystyrene Core, Add	*76.72*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*191.80*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.90*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	885.84	53.60
		For Galvanized Steel Door, Add	*155.73*	
		For Type 304 Stainless Steel Door, Add	*622.91*	
		For Type 316 Stainless Steel Door, Add	*1,012.23*	
		For Embossed Panel Door, Add	*186.87*	
		For Baked Enamel Finish, Add	*249.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.97*	
		For >100, Deduct	*-69.12*	
		For Polystyrene Core, Add	*77.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.66*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	892.75	54.77
		For Galvanized Steel Door, Add	*156.64*	
		For Type 304 Stainless Steel Door, Add	*626.58*	
		For Type 316 Stainless Steel Door, Add	*1,018.19*	
		For Embossed Panel Door, Add	*187.97*	
		For Baked Enamel Finish, Add	*251.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.38*	
		For >100, Deduct	*-69.69*	
		For Polystyrene Core, Add	*78.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*195.81*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.90*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	899.66	55.93
		For Galvanized Steel Door, Add	*157.56*	
		For Type 304 Stainless Steel Door, Add	*630.24*	
		For Type 316 Stainless Steel Door, Add	*1,024.14*	
		For Embossed Panel Door, Add	*189.07*	
		For Baked Enamel Finish, Add	*253.12*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.78*	
		For >100, Deduct	*-70.27*	
		For Polystyrene Core, Add	*78.78*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*196.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.48*	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	959.20	55.93
		For Galvanized Steel Door, Add	*169.47*	
		For Type 304 Stainless Steel Door, Add	*677.87*	
		For Type 316 Stainless Steel Door, Add	*1,101.54*	
		For Embossed Panel Door, Add	*203.36*	
		For Baked Enamel Finish, Add	*270.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.76*	
		For >100, Deduct	*-74.74*	
		For Polystyrene Core, Add	*84.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*211.84*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.92*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	986.78	58.26
		For Galvanized Steel Door, Add	*174.05*	
		For Type 304 Stainless Steel Door, Add	*696.20*	
		For Type 316 Stainless Steel Door, Add	*1,131.33*	
		For Embossed Panel Door, Add	*208.86*	
		For Baked Enamel Finish, Add	*278.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.25*	
		For >100, Deduct	*-76.92*	
		For Polystyrene Core, Add	*87.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*217.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*108.78*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,087.70	62.93
		For Galvanized Steel Door, Add	*192.37*	
		For Type 304 Stainless Steel Door, Add	*769.48*	
		For Type 316 Stainless Steel Door, Add	*1,250.41*	
		For Embossed Panel Door, Add	*230.84*	
		For Baked Enamel Finish, Add	*307.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-57.53*	
		For >100, Deduct	*-84.72*	
		For Polystyrene Core, Add	*96.19*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*240.46*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*120.23*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	873.01	51.27
		For Galvanized Steel Door, Add	*154.09*	
		For Type 304 Stainless Steel Door, Add	*616.37*	
		For Type 316 Stainless Steel Door, Add	*1,001.60*	
		For Embossed Panel Door, Add	*184.91*	
		For Baked Enamel Finish, Add	*246.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.21*	
		For >100, Deduct	*-68.04*	
		For Polystyrene Core, Add	*77.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*192.62*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*96.31*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	873.01	51.27
		For Galvanized Steel Door, Add	*154.09*	
		For Type 304 Stainless Steel Door, Add	*616.37*	
		For Type 316 Stainless Steel Door, Add	*1,001.60*	
		For Embossed Panel Door, Add	*184.91*	
		For Baked Enamel Finish, Add	*246.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.21*	
		For >100, Deduct	*-68.04*	
		For Polystyrene Core, Add	*77.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*192.62*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*96.31*	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	893.42	53.60
		For Galvanized Steel Door, Add	*157.24*	
		For Type 304 Stainless Steel Door, Add	*628.98*	
		For Type 316 Stainless Steel Door, Add	*1,022.09*	
		For Embossed Panel Door, Add	*188.69*	
		For Baked Enamel Finish, Add	*251.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.35*	
		For >100, Deduct	*-69.69*	
		For Polystyrene Core, Add	*78.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*196.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.28*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	905.15	53.60
		For Galvanized Steel Door, Add	*159.59*	
		For Type 304 Stainless Steel Door, Add	*638.36*	
		For Type 316 Stainless Steel Door, Add	*1,037.34*	
		For Embossed Panel Door, Add	*191.51*	
		For Baked Enamel Finish, Add	*255.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.94*	
		For >100, Deduct	*-70.57*	
		For Polystyrene Core, Add	*79.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*199.49*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*99.74*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	912.17	54.77
		For Galvanized Steel Door, Add	*160.53*	
		For Type 304 Stainless Steel Door, Add	*642.11*	
		For Type 316 Stainless Steel Door, Add	*1,043.43*	
		For Embossed Panel Door, Add	*192.63*	
		For Baked Enamel Finish, Add	*257.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.35*	
		For >100, Deduct	*-71.15*	
		For Polystyrene Core, Add	*80.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*200.66*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	919.20	55.93
		For Galvanized Steel Door, Add	*161.47*	
		For Type 304 Stainless Steel Door, Add	*645.87*	
		For Type 316 Stainless Steel Door, Add	*1,049.54*	
		For Embossed Panel Door, Add	*193.76*	
		For Baked Enamel Finish, Add	*258.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.76*	
		For >100, Deduct	*-71.74*	
		For Polystyrene Core, Add	*80.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*201.84*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.92*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	980.22	55.93
		For Galvanized Steel Door, Add	*173.67*	
		For Type 304 Stainless Steel Door, Add	*694.69*	
		For Type 316 Stainless Steel Door, Add	*1,128.87*	
		For Embossed Panel Door, Add	*208.41*	
		For Baked Enamel Finish, Add	*277.29*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.81*	
		For >100, Deduct	*-76.31*	
		For Polystyrene Core, Add	*86.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*217.09*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*108.55*	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,008.36	58.26
		For Galvanized Steel Door, Add	*178.37*	
		For Type 304 Stainless Steel Door, Add	*713.46*	
		For Type 316 Stainless Steel Door, Add	*1,159.38*	
		For Embossed Panel Door, Add	*214.04*	
		For Baked Enamel Finish, Add	*285.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.33*	
		For >100, Deduct	*-78.54*	
		For Polystyrene Core, Add	*89.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*222.96*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*111.48*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,111.55	62.93
		For Galvanized Steel Door, Add	*197.14*	
		For Type 304 Stainless Steel Door, Add	*788.56*	
		For Type 316 Stainless Steel Door, Add	*1,281.41*	
		For Embossed Panel Door, Add	*236.57*	
		For Baked Enamel Finish, Add	*314.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.72*	
		For >100, Deduct	*-86.51*	
		For Polystyrene Core, Add	*98.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*246.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*123.21*	

08 13 13 13-0032 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	894.44	51.27
		For Galvanized Steel Door, Add	*158.38*	
		For Type 304 Stainless Steel Door, Add	*633.51*	
		For Type 316 Stainless Steel Door, Add	*1,029.46*	
		For Embossed Panel Door, Add	*190.05*	
		For Baked Enamel Finish, Add	*252.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.29*	
		For >100, Deduct	*-69.65*	
		For 2" Thick Door, Add	*59.98*	
		For Polystyrene Core, Add	*79.19*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*197.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.99*	
		For Steel Stiffened, Add	*197.97*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	894.44	51.27
		For Galvanized Steel Door, Add	*158.38*	
		For Type 304 Stainless Steel Door, Add	*633.51*	
		For Type 316 Stainless Steel Door, Add	*1,029.46*	
		For Embossed Panel Door, Add	*190.05*	
		For Baked Enamel Finish, Add	*252.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.29*	
		For >100, Deduct	*-69.65*	
		For 2" Thick Door, Add	*59.98*	
		For Polystyrene Core, Add	*79.19*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*197.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.99*	
		For Steel Stiffened, Add	*197.97*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	915.28	53.60
		For Galvanized Steel Door, Add	*161.62*	
		For Type 304 Stainless Steel Door, Add	*646.46*	
		For Type 316 Stainless Steel Door, Add	*1,050.50*	
		For Embossed Panel Door, Add	*193.94*	
		For Baked Enamel Finish, Add	*258.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.44*	
		For >100, Deduct	*-71.33*	
		For 2" Thick Door, Add	*61.27*	
		For Polystyrene Core, Add	*80.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.02*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.01*	
		For Steel Stiffened, Add	*202.02*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	927.34	53.60
		For Galvanized Steel Door, Add	*164.03*	
		For Type 304 Stainless Steel Door, Add	*656.11*	
		For Type 316 Stainless Steel Door, Add	*1,066.18*	
		For Embossed Panel Door, Add	*196.83*	
		For Baked Enamel Finish, Add	*262.12*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.05*	
		For >100, Deduct	*-72.23*	
		For 2" Thick Door, Add	*62.14*	
		For Polystyrene Core, Add	*82.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*205.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*102.52*	
		For Steel Stiffened, Add	*205.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	934.48	54.77
		For Galvanized Steel Door, Add	*164.99*	
		For Type 304 Stainless Steel Door, Add	*659.96*	
		For Type 316 Stainless Steel Door, Add	*1,072.44*	
		For Embossed Panel Door, Add	*197.99*	
		For Baked Enamel Finish, Add	*263.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.46*	
		For >100, Deduct	*-72.82*	
		For 2" Thick Door, Add	*62.55*	
		For Polystyrene Core, Add	*82.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*206.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.12*	
		For Steel Stiffened, Add	*206.24*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	941.65	55.93
		For Galvanized Steel Door, Add	*165.96*	
		For Type 304 Stainless Steel Door, Add	*663.83*	
		For Type 316 Stainless Steel Door, Add	*1,078.73*	
		For Embossed Panel Door, Add	*199.15*	
		For Baked Enamel Finish, Add	*265.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.88*	
		For >100, Deduct	*-73.42*	
		For 2" Thick Door, Add	*62.96*	
		For Polystyrene Core, Add	*82.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*207.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.72*	
		For Steel Stiffened, Add	*207.45*	
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,004.37	55.93
		For Galvanized Steel Door, Add	*178.50*	
		For Type 304 Stainless Steel Door, Add	*714.01*	
		For Type 316 Stainless Steel Door, Add	*1,160.26*	
		For Embossed Panel Door, Add	*214.20*	
		For Baked Enamel Finish, Add	*284.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.02*	
		For >100, Deduct	*-78.12*	
		For 2" Thick Door, Add	*67.50*	
		For Polystyrene Core, Add	*89.25*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*223.13*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*111.56*	
		For Steel Stiffened, Add	*223.13*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,033.16	58.26
		For Galvanized Steel Door, Add	*183.33*	
		For Type 304 Stainless Steel Door, Add	*733.30*	
		For Type 316 Stainless Steel Door, Add	*1,191.62*	
		For Embossed Panel Door, Add	*219.99*	
		For Baked Enamel Finish, Add	*292.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.57*	
		For >100, Deduct	*-80.40*	
		For 2" Thick Door, Add	*69.37*	
		For Polystyrene Core, Add	*91.66*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*229.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*114.58*	
		For Steel Stiffened, Add	*229.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,138.97	62.93
		For Galvanized Steel Door, Add	*202.62*	
		For Type 304 Stainless Steel Door, Add	*810.50*	
		For Type 316 Stainless Steel Door, Add	*1,317.06*	
		For Embossed Panel Door, Add	*243.15*	
		For Baked Enamel Finish, Add	*322.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-60.09*	
		For >100, Deduct	*-88.57*	
		For 2" Thick Door, Add	*76.60*	
		For Polystyrene Core, Add	*101.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*253.28*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*126.64*	
		For Steel Stiffened, Add	*253.28*	
08 13 13 13-0043		7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	913.23	51.27
		For Galvanized Steel Door, Add	*162.14*	
		For Type 304 Stainless Steel Door, Add	*648.54*	
		For Type 316 Stainless Steel Door, Add	*1,053.88*	
		For Embossed Panel Door, Add	*194.56*	
		For Baked Enamel Finish, Add	*258.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.23*	
		For >100, Deduct	*-71.06*	
		For 2" Thick Door, Add	*61.34*	
		For Polystyrene Core, Add	*81.07*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.67*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.34*	
		For Steel Stiffened, Add	*202.67*	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	913.23	51.27
		For Galvanized Steel Door, Add	*162.14*	
		For Type 304 Stainless Steel Door, Add	*648.54*	
		For Type 316 Stainless Steel Door, Add	*1,053.88*	
		For Embossed Panel Door, Add	*194.56*	
		For Baked Enamel Finish, Add	*258.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.23*	
		For >100, Deduct	*-71.06*	
		For 2" Thick Door, Add	*61.34*	
		For Polystyrene Core, Add	*81.07*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.67*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.34*	
		For Steel Stiffened, Add	*202.67*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	934.46	53.60
		For Galvanized Steel Door, Add	*165.45*	
		For Type 304 Stainless Steel Door, Add	*661.81*	
		For Type 316 Stainless Steel Door, Add	*1,075.44*	
		For Embossed Panel Door, Add	*198.54*	
		For Baked Enamel Finish, Add	*264.26*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.40*	
		For >100, Deduct	*-72.76*	
		For 2" Thick Door, Add	*62.66*	
		For Polystyrene Core, Add	*82.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*206.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.41*	
		For Steel Stiffened, Add	*206.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	946.81	53.60
		For Galvanized Steel Door, Add	*167.92*	
		For Type 304 Stainless Steel Door, Add	*671.69*	
		For Type 316 Stainless Steel Door, Add	*1,091.49*	
		For Embossed Panel Door, Add	*201.51*	
		For Baked Enamel Finish, Add	*267.96*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.02*	
		For >100, Deduct	*-73.69*	
		For 2" Thick Door, Add	*63.55*	
		For Polystyrene Core, Add	*83.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*209.90*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*104.95*	
		For Steel Stiffened, Add	*209.90*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	954.08	54.77
		For Galvanized Steel Door, Add	*168.91*	
		For Type 304 Stainless Steel Door, Add	*675.64*	
		For Type 316 Stainless Steel Door, Add	*1,097.92*	
		For Embossed Panel Door, Add	*202.69*	
		For Baked Enamel Finish, Add	*269.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.44*	
		For >100, Deduct	*-74.29*	
		For 2" Thick Door, Add	*63.97*	
		For Polystyrene Core, Add	*84.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*211.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.57*	
		For Steel Stiffened, Add	*211.14*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	961.34	55.93
		For Galvanized Steel Door, Add	*169.90*	
		For Type 304 Stainless Steel Door, Add	*679.58*	
		For Type 316 Stainless Steel Door, Add	*1,104.32*	
		For Embossed Panel Door, Add	*203.88*	
		For Baked Enamel Finish, Add	*271.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.86*	
		For >100, Deduct	*-74.90*	
		For 2" Thick Door, Add	*64.38*	
		For Polystyrene Core, Add	*84.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*212.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*106.19*	
		For Steel Stiffened, Add	*212.37*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,025.55	55.93
		For Galvanized Steel Door, Add	*182.74*	
		For Type 304 Stainless Steel Door, Add	*730.95*	
		For Type 316 Stainless Steel Door, Add	*1,187.80*	
		For Embossed Panel Door, Add	*219.29*	
		For Baked Enamel Finish, Add	*290.89*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.07*	
		For >100, Deduct	*-79.71*	
		For 2" Thick Door, Add	*69.04*	
		For Polystyrene Core, Add	*91.37*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*228.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*114.21*	
		For Steel Stiffened, Add	*228.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,054.92	58.26
		For Galvanized Steel Door, Add	*187.68*	
		For Type 304 Stainless Steel Door, Add	*750.71*	
		For Type 316 Stainless Steel Door, Add	*1,219.91*	
		For Embossed Panel Door, Add	*225.21*	
		For Baked Enamel Finish, Add	*299.00*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.66*	
		For >100, Deduct	*-82.03*	
		For 2" Thick Door, Add	*70.95*	
		For Polystyrene Core, Add	*93.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*234.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*117.30*	
		For Steel Stiffened, Add	*234.60*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,163.01	62.93
		For Galvanized Steel Door, Add	*207.43*	
		For Type 304 Stainless Steel Door, Add	*829.73*	
		For Type 316 Stainless Steel Door, Add	*1,348.31*	
		For Embossed Panel Door, Add	*248.92*	
		For Baked Enamel Finish, Add	*330.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.30*	
		For >100, Deduct	*-90.37*	
		For 2" Thick Door, Add	*78.34*	
		For Polystyrene Core, Add	*103.72*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*259.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*129.65*	
		For Steel Stiffened, Add	*259.29*	
08 13 13 13-0053		7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	932.03	51.27
		For Galvanized Steel Door, Add	*165.90*	
		For Type 304 Stainless Steel Door, Add	*663.58*	
		For Type 316 Stainless Steel Door, Add	*1,078.32*	
		For Embossed Panel Door, Add	*199.08*	
		For Baked Enamel Finish, Add	*264.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.17*	
		For >100, Deduct	*-72.47*	
		For 2" Thick Door, Add	*62.70*	
		For Polystyrene Core, Add	*82.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*207.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.69*	
		For Steel Stiffened, Add	*207.37*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	932.03	51.27
		For Galvanized Steel Door, Add	*165.90*	
		For Type 304 Stainless Steel Door, Add	*663.58*	
		For Type 316 Stainless Steel Door, Add	*1,078.32*	
		For Embossed Panel Door, Add	*199.08*	
		For Baked Enamel Finish, Add	*264.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.17*	
		For >100, Deduct	*-72.47*	
		For 2" Thick Door, Add	*62.70*	
		For Polystyrene Core, Add	*82.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*207.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.69*	
		For Steel Stiffened, Add	*207.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	953.64	53.60
		For Galvanized Steel Door, Add	*169.29*	
		For Type 304 Stainless Steel Door, Add	*677.15*	
		For Type 316 Stainless Steel Door, Add	*1,100.37*	
		For Embossed Panel Door, Add	*203.15*	
		For Baked Enamel Finish, Add	*270.01*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.36*	
		For >100, Deduct	*-74.20*	
		For 2" Thick Door, Add	*64.05*	
		For Polystyrene Core, Add	*84.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*211.61*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.81*	
		For Steel Stiffened, Add	*211.61*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	966.27	53.60
		For Galvanized Steel Door, Add	*171.81*	
		For Type 304 Stainless Steel Door, Add	*687.26*	
		For Type 316 Stainless Steel Door, Add	*1,116.79*	
		For Embossed Panel Door, Add	*206.18*	
		For Baked Enamel Finish, Add	*273.80*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.99*	
		For >100, Deduct	*-75.15*	
		For 2" Thick Door, Add	*64.96*	
		For Polystyrene Core, Add	*85.91*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*214.77*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*107.38*	
		For Steel Stiffened, Add	*214.77*	
08 13 13 13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	981.04	55.93
		For Galvanized Steel Door, Add	*173.84*	
		For Type 304 Stainless Steel Door, Add	*695.34*	
		For Type 316 Stainless Steel Door, Add	*1,129.93*	
		For Embossed Panel Door, Add	*208.60*	
		For Baked Enamel Finish, Add	*277.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.85*	
		For >100, Deduct	*-76.37*	
		For 2" Thick Door, Add	*65.81*	
		For Polystyrene Core, Add	*86.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*217.30*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*108.65*	
		For Steel Stiffened, Add	*217.30*	
08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,046.73	55.93
		For Galvanized Steel Door, Add	*186.97*	
		For Type 304 Stainless Steel Door, Add	*747.90*	
		For Type 316 Stainless Steel Door, Add	*1,215.33*	
		For Embossed Panel Door, Add	*224.37*	
		For Baked Enamel Finish, Add	*297.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.13*	
		For >100, Deduct	*-81.30*	
		For 2" Thick Door, Add	*70.57*	
		For Polystyrene Core, Add	*93.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*233.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*116.86*	
		For Steel Stiffened, Add	*233.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,076.67	58.26
		For Galvanized Steel Door, Add	*192.03*	
		For Type 304 Stainless Steel Door, Add	*768.11*	
		For Type 316 Stainless Steel Door, Add	*1,248.18*	
		For Embossed Panel Door, Add	*230.43*	
		For Baked Enamel Finish, Add	*305.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.75*	
		For >100, Deduct	*-83.66*	
		For 2" Thick Door, Add	*72.52*	
		For Polystyrene Core, Add	*96.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*240.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*120.02*	
		For Steel Stiffened, Add	*240.04*	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,187.06	62.93
		For Galvanized Steel Door, Add	*212.24*	
		For Type 304 Stainless Steel Door, Add	*848.97*	
		For Type 316 Stainless Steel Door, Add	*1,379.57*	
		For Embossed Panel Door, Add	*254.69*	
		For Baked Enamel Finish, Add	*337.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.50*	
		For >100, Deduct	*-92.18*	
		For 2" Thick Door, Add	*80.08*	
		For Polystyrene Core, Add	*106.12*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*265.30*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*132.65*	
		For Steel Stiffened, Add	*265.30*	
08 13 13 13-0062		8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,087.05	51.27
		For Up To 1' Extra Height, Add	*272.41*	
		For 1' To 1'-6" Extra Height, Add	*519.72*	
		For Galvanized Steel Door, Add	*196.90*	
		For Type 304 Stainless Steel Door, Add	*787.60*	
		For Type 316 Stainless Steel Door, Add	*1,279.85*	
		For Embossed Panel Door, Add	*236.28*	
		For Baked Enamel Finish, Add	*310.73*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.92*	
		For >100, Deduct	*-84.09*	
		For 2" Thick Door, Add	*73.94*	
		For Polystyrene Core, Add	*98.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*246.13*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*123.06*	
		For Steel Stiffened, Add	*246.13*	
08 13 13 13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,087.05	51.27
		For Up To 1' Extra Height, Add	*272.41*	
		For 1' To 1'-6" Extra Height, Add	*519.72*	
		For Galvanized Steel Door, Add	*196.90*	
		For Type 304 Stainless Steel Door, Add	*787.60*	
		For Type 316 Stainless Steel Door, Add	*1,279.85*	
		For Embossed Panel Door, Add	*236.28*	
		For Baked Enamel Finish, Add	*310.73*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.92*	
		For >100, Deduct	*-84.09*	
		For 2" Thick Door, Add	*73.94*	
		For Polystyrene Core, Add	*98.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*246.13*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*123.06*	
		For Steel Stiffened, Add	*246.13*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065		EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,111.84	53.60
			For Up To 1' Extra Height, Add	*277.98*	
			For 1' To 1'-6" Extra Height, Add	*530.35*	
			For Galvanized Steel Door, Add	*200.93*	
			For Type 304 Stainless Steel Door, Add	*803.71*	
			For Type 316 Stainless Steel Door, Add	*1,306.03*	
			For Embossed Panel Door, Add	*241.11*	
			For Baked Enamel Finish, Add	*317.47*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-58.27*	
			For >100, Deduct	*-86.07*	
			For 2" Thick Door, Add	*75.52*	
			For Polystyrene Core, Add	*100.46*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*251.16*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*125.58*	
			For Steel Stiffened, Add	*251.16*	
08 13 13 13-0066		EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,126.83	53.60
			For Up To 1' Extra Height, Add	*282.13*	
			For 1' To 1'-6" Extra Height, Add	*538.26*	
			For Galvanized Steel Door, Add	*203.93*	
			For Type 304 Stainless Steel Door, Add	*815.70*	
			For Type 316 Stainless Steel Door, Add	*1,325.52*	
			For Embossed Panel Door, Add	*244.71*	
			For Baked Enamel Finish, Add	*321.97*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-59.02*	
			For >100, Deduct	*-87.19*	
			For 2" Thick Door, Add	*76.60*	
			For Polystyrene Core, Add	*101.96*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*254.91*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*127.45*	
			For Steel Stiffened, Add	*254.91*	
08 13 13 13-0067		EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,135.15	54.77
			For Up To 1' Extra Height, Add	*283.79*	
			For 1' To 1'-6" Extra Height, Add	*541.42*	
			For Galvanized Steel Door, Add	*205.12*	
			For Type 304 Stainless Steel Door, Add	*820.50*	
			For Type 316 Stainless Steel Door, Add	*1,333.31*	
			For Embossed Panel Door, Add	*246.15*	
			For Baked Enamel Finish, Add	*324.12*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-59.50*	
			For >100, Deduct	*-87.87*	
			For 2" Thick Door, Add	*77.10*	
			For Polystyrene Core, Add	*102.56*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*256.41*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*128.20*	
			For Steel Stiffened, Add	*256.41*	
08 13 13 13-0068		EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,143.48	55.93
			For Up To 1' Extra Height, Add	*285.45*	
			For 1' To 1'-6" Extra Height, Add	*544.59*	
			For Galvanized Steel Door, Add	*206.32*	
			For Type 304 Stainless Steel Door, Add	*825.30*	
			For Type 316 Stainless Steel Door, Add	*1,341.11*	
			For Embossed Panel Door, Add	*247.59*	
			For Baked Enamel Finish, Add	*326.27*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-59.97*	
			For >100, Deduct	*-88.56*	
			For 2" Thick Door, Add	*77.59*	
			For Polystyrene Core, Add	*103.16*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*257.91*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*128.95*	
			For Steel Stiffened, Add	*257.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,221.46	55.93
		For Up To 1' Extra Height, Add	*307.03*	
		For 1' To 1'-6" Extra Height, Add	*585.76*	
		For Galvanized Steel Door, Add	*221.92*	
		For Type 304 Stainless Steel Door, Add	*887.68*	
		For Type 316 Stainless Steel Door, Add	*1,442.48*	
		For Embossed Panel Door, Add	*266.30*	
		For Baked Enamel Finish, Add	*349.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.87*	
		For >100, Deduct	*-94.41*	
		For 2" Thick Door, Add	*83.24*	
		For Polystyrene Core, Add	*110.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*277.40*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*138.70*	
		For Steel Stiffened, Add	*277.40*	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,256.12	58.26
		For Up To 1' Extra Height, Add	*315.32*	
		For 1' To 1'-6" Extra Height, Add	*601.59*	
		For Galvanized Steel Door, Add	*227.92*	
		For Type 304 Stainless Steel Door, Add	*911.67*	
		For Type 316 Stainless Steel Door, Add	*1,481.47*	
		For Embossed Panel Door, Add	*273.50*	
		For Baked Enamel Finish, Add	*359.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.72*	
		For >100, Deduct	*-97.12*	
		For 2" Thick Door, Add	*85.53*	
		For Polystyrene Core, Add	*113.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*284.90*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*142.45*	
		For Steel Stiffened, Add	*284.90*	
08 13 13 13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,385.39	62.93
		For Up To 1' Extra Height, Add	*348.51*	
		For 1' To 1'-6" Extra Height, Add	*664.91*	
		For Galvanized Steel Door, Add	*251.91*	
		For Type 304 Stainless Steel Door, Add	*1,007.63*	
		For Type 316 Stainless Steel Door, Add	*1,637.40*	
		For Embossed Panel Door, Add	*302.29*	
		For Baked Enamel Finish, Add	*396.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-72.42*	
		For >100, Deduct	*-107.05*	
		For 2" Thick Door, Add	*94.46*	
		For Polystyrene Core, Add	*125.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*314.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*157.44*	
		For Steel Stiffened, Add	*314.89*	

08 13 13 13-0072 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0073 6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0074	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,199.31	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*438.70*	
		For Galvanized Steel Door, Add	*219.35*	
		For Type 304 Stainless Steel Door, Add	*877.41*	
		For Type 316 Stainless Steel Door, Add	*1,425.79*	
		For Embossed Panel Door, Add	*263.22*	
		For Baked Enamel Finish, Add	*344.41*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.53*	
		For >100, Deduct	*-92.51*	
		For 2" Thick Door, Add	*82.08*	
		For Polystyrene Core, Add	*109.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*274.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*137.10*	
		For Steel Stiffened, Add	*274.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,199.31	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*438.70*	
		For Galvanized Steel Door, Add	*219.35*	
		For Type 304 Stainless Steel Door, Add	*877.41*	
		For Type 316 Stainless Steel Door, Add	*1,425.79*	
		For Embossed Panel Door, Add	*263.22*	
		For Baked Enamel Finish, Add	*344.41*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.53*	
		For >100, Deduct	*-92.51*	
		For 2" Thick Door, Add	*82.08*	
		For Polystyrene Core, Add	*109.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*274.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*137.10*	
		For Steel Stiffened, Add	*274.19*	
08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,226.40	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*447.68*	
		For Galvanized Steel Door, Add	*223.84*	
		For Type 304 Stainless Steel Door, Add	*895.36*	
		For Type 316 Stainless Steel Door, Add	*1,454.96*	
		For Embossed Panel Door, Add	*268.61*	
		For Baked Enamel Finish, Add	*351.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-64.00*	
		For >100, Deduct	*-94.66*	
		For 2" Thick Door, Add	*83.82*	
		For Polystyrene Core, Add	*111.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*279.80*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*139.90*	
		For Steel Stiffened, Add	*279.80*	
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,243.10	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*454.36*	
		For Galvanized Steel Door, Add	*227.18*	
		For Type 304 Stainless Steel Door, Add	*908.72*	
		For Type 316 Stainless Steel Door, Add	*1,476.67*	
		For Embossed Panel Door, Add	*272.62*	
		For Baked Enamel Finish, Add	*356.85*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-64.84*	
		For >100, Deduct	*-95.91*	
		For 2" Thick Door, Add	*85.03*	
		For Polystyrene Core, Add	*113.59*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*283.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*141.99*	
		For Steel Stiffened, Add	*283.98*	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,252.13	54.77
		For 14 Gauge, Level 4 Maximum Duty, Add	*457.04*	
		For Galvanized Steel Door, Add	*228.52*	
		For Type 304 Stainless Steel Door, Add	*914.08*	
		For Type 316 Stainless Steel Door, Add	*1,485.38*	
		For Embossed Panel Door, Add	*274.22*	
		For Baked Enamel Finish, Add	*359.21*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.34*	
		For >100, Deduct	*-96.65*	
		For 2" Thick Door, Add	*85.58*	
		For Polystyrene Core, Add	*114.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*285.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*142.83*	
		For Steel Stiffened, Add	*285.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,261.13	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*459.71*	
		For Galvanized Steel Door, Add	*229.85*	
		For Type 304 Stainless Steel Door, Add	*919.42*	
		For Type 316 Stainless Steel Door, Add	*1,494.05*	
		For Embossed Panel Door, Add	*275.82*	
		For Baked Enamel Finish, Add	*361.56*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.85*	
		For >100, Deduct	*-97.38*	
		For 2" Thick Door, Add	*86.12*	
		For Polystyrene Core, Add	*114.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*287.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*143.66*	
		For Steel Stiffened, Add	*287.32*	
08 13 13 13-0080	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,347.99	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*494.45*	
		For Galvanized Steel Door, Add	*247.23*	
		For Type 304 Stainless Steel Door, Add	*988.90*	
		For Type 316 Stainless Steel Door, Add	*1,606.97*	
		For Embossed Panel Door, Add	*296.67*	
		For Baked Enamel Finish, Add	*387.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-70.20*	
		For >100, Deduct	*-103.90*	
		For 2" Thick Door, Add	*92.42*	
		For Polystyrene Core, Add	*123.61*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*309.03*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*154.52*	
		For Steel Stiffened, Add	*309.03*	
08 13 13 13-0081	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,386.07	58.26
		For 14 Gauge, Level 4 Maximum Duty, Add	*507.82*	
		For Galvanized Steel Door, Add	*253.91*	
		For Type 304 Stainless Steel Door, Add	*1,015.63*	
		For Type 316 Stainless Steel Door, Add	*1,650.40*	
		For Embossed Panel Door, Add	*304.69*	
		For Baked Enamel Finish, Add	*398.34*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-72.22*	
		For >100, Deduct	*-106.87*	
		For 2" Thick Door, Add	*94.95*	
		For Polystyrene Core, Add	*126.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*317.39*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*158.69*	
		For Steel Stiffened, Add	*317.39*	
08 13 13 13-0082	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,529.02	62.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*561.27*	
		For Galvanized Steel Door, Add	*280.63*	
		For Type 304 Stainless Steel Door, Add	*1,122.54*	
		For Type 316 Stainless Steel Door, Add	*1,824.12*	
		For Embossed Panel Door, Add	*336.76*	
		For Baked Enamel Finish, Add	*439.83*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-79.60*	
		For >100, Deduct	*-117.82*	
		For 2" Thick Door, Add	*104.88*	
		For Polystyrene Core, Add	*140.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*350.79*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*175.40*	
		For Steel Stiffened, Add	*350.79*	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,225.35	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*449.12*	
		For Galvanized Steel Door, Add	*224.56*	
		For Type 304 Stainless Steel Door, Add	*898.24*	
		For Type 316 Stainless Steel Door, Add	*1,459.64*	
		For Embossed Panel Door, Add	*269.47*	
		For Baked Enamel Finish, Add	*352.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.83*	
		For >100, Deduct	*-94.47*	
		For 2" Thick Door, Add	*83.97*	
		For Polystyrene Core, Add	*112.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*280.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*140.35*	
		For Steel Stiffened, Add	*280.70*	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,225.35	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*449.12*	
		For Galvanized Steel Door, Add	*224.56*	
		For Type 304 Stainless Steel Door, Add	*898.24*	
		For Type 316 Stainless Steel Door, Add	*1,459.64*	
		For Embossed Panel Door, Add	*269.47*	
		For Baked Enamel Finish, Add	*352.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.83*	
		For >100, Deduct	*-94.47*	
		For 2" Thick Door, Add	*83.97*	
		For Polystyrene Core, Add	*112.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*280.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*140.35*	
		For Steel Stiffened, Add	*280.70*	
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,252.96	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*458.30*	
		For Galvanized Steel Door, Add	*229.15*	
		For Type 304 Stainless Steel Door, Add	*916.61*	
		For Type 316 Stainless Steel Door, Add	*1,489.49*	
		For Embossed Panel Door, Add	*274.98*	
		For Baked Enamel Finish, Add	*359.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.33*	
		For >100, Deduct	*-96.65*	
		For 2" Thick Door, Add	*85.75*	
		For Polystyrene Core, Add	*114.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*286.44*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*143.22*	
		For Steel Stiffened, Add	*286.44*	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,270.06	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*465.14*	
		For Galvanized Steel Door, Add	*232.57*	
		For Type 304 Stainless Steel Door, Add	*930.29*	
		For Type 316 Stainless Steel Door, Add	*1,511.72*	
		For Embossed Panel Door, Add	*279.09*	
		For Baked Enamel Finish, Add	*364.94*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-66.18*	
		For >100, Deduct	*-97.93*	
		For 2" Thick Door, Add	*86.99*	
		For Polystyrene Core, Add	*116.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*290.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*145.36*	
		For Steel Stiffened, Add	*290.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,279.23	54.77
		For 14 Gauge, Level 4 Maximum Duty, Add	*467.88*	
		For Galvanized Steel Door, Add	*233.94*	
		For Type 304 Stainless Steel Door, Add	*935.76*	
		For Type 316 Stainless Steel Door, Add	*1,520.61*	
		For Embossed Panel Door, Add	*280.73*	
		For Baked Enamel Finish, Add	*367.34*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-66.70*	
		For >100, Deduct	*-98.68*	
		For 2" Thick Door, Add	*87.54*	
		For Polystyrene Core, Add	*116.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*292.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*146.21*	
		For Steel Stiffened, Add	*292.43*	
08 13 13 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,288.40	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*470.62*	
		For Galvanized Steel Door, Add	*235.31*	
		For Type 304 Stainless Steel Door, Add	*941.23*	
		For Type 316 Stainless Steel Door, Add	*1,529.50*	
		For Embossed Panel Door, Add	*282.37*	
		For Baked Enamel Finish, Add	*369.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-67.22*	
		For >100, Deduct	*-99.43*	
		For 2" Thick Door, Add	*88.10*	
		For Polystyrene Core, Add	*117.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*294.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*147.07*	
		For Steel Stiffened, Add	*294.14*	
08 13 13 13-0090	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,377.32	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*506.18*	
		For Galvanized Steel Door, Add	*253.09*	
		For Type 304 Stainless Steel Door, Add	*1,012.37*	
		For Type 316 Stainless Steel Door, Add	*1,645.10*	
		For Embossed Panel Door, Add	*303.71*	
		For Baked Enamel Finish, Add	*396.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-71.66*	
		For >100, Deduct	*-106.10*	
		For 2" Thick Door, Add	*94.54*	
		For Polystyrene Core, Add	*126.55*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*316.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*158.18*	
		For Steel Stiffened, Add	*316.37*	
08 13 13 13-0091	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,416.19	58.26
		For 14 Gauge, Level 4 Maximum Duty, Add	*519.86*	
		For Galvanized Steel Door, Add	*259.93*	
		For Type 304 Stainless Steel Door, Add	*1,039.73*	
		For Type 316 Stainless Steel Door, Add	*1,689.56*	
		For Embossed Panel Door, Add	*311.92*	
		For Baked Enamel Finish, Add	*407.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-73.72*	
		For >100, Deduct	*-109.13*	
		For 2" Thick Door, Add	*97.14*	
		For Polystyrene Core, Add	*129.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*324.92*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*162.46*	
		For Steel Stiffened, Add	*324.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,562.32	62.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*574.59*	
		For Galvanized Steel Door, Add	*287.29*	
		For Type 304 Stainless Steel Door, Add	*1,149.18*	
		For Type 316 Stainless Steel Door, Add	*1,867.41*	
		For Embossed Panel Door, Add	*344.75*	
		For Baked Enamel Finish, Add	*449.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-81.26*	
		For >100, Deduct	*-120.32*	
		For 2" Thick Door, Add	*107.29*	
		For Polystyrene Core, Add	*143.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*359.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*179.56*	
		For Steel Stiffened, Add	*359.12*	

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,251.38	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*459.53*	
		For Galvanized Steel Door, Add	*229.77*	
		For Type 304 Stainless Steel Door, Add	*919.06*	
		For Type 316 Stainless Steel Door, Add	*1,493.48*	
		For Embossed Panel Door, Add	*275.72*	
		For Baked Enamel Finish, Add	*360.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.13*	
		For >100, Deduct	*-96.42*	
		For 2" Thick Door, Add	*85.85*	
		For Polystyrene Core, Add	*114.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*287.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*143.60*	
		For Steel Stiffened, Add	*287.21*	
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,251.38	51.27
		For 14 Gauge, Level 4 Maximum Duty, Add	*459.53*	
		For Galvanized Steel Door, Add	*229.77*	
		For Type 304 Stainless Steel Door, Add	*919.06*	
		For Type 316 Stainless Steel Door, Add	*1,493.48*	
		For Embossed Panel Door, Add	*275.72*	
		For Baked Enamel Finish, Add	*360.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.13*	
		For >100, Deduct	*-96.42*	
		For 2" Thick Door, Add	*85.85*	
		For Polystyrene Core, Add	*114.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*287.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*143.60*	
		For Steel Stiffened, Add	*287.21*	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,279.52	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*468.93*	
		For Galvanized Steel Door, Add	*234.46*	
		For Type 304 Stainless Steel Door, Add	*937.86*	
		For Type 316 Stainless Steel Door, Add	*1,524.02*	
		For Embossed Panel Door, Add	*281.36*	
		For Baked Enamel Finish, Add	*367.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-66.66*	
		For >100, Deduct	*-98.64*	
		For 2" Thick Door, Add	*87.67*	
		For Polystyrene Core, Add	*117.23*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*293.08*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*146.54*	
		For Steel Stiffened, Add	*293.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,297.02	53.60
		For 14 Gauge, Level 4 Maximum Duty, Add	*475.93*	
		For Galvanized Steel Door, Add	*237.96*	
		For Type 304 Stainless Steel Door, Add	*951.86*	
		For Type 316 Stainless Steel Door, Add	*1,546.77*	
		For Embossed Panel Door, Add	*285.56*	
		For Baked Enamel Finish, Add	*373.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-67.53*	
		For >100, Deduct	*-99.96*	
		For 2" Thick Door, Add	*88.94*	
		For Polystyrene Core, Add	*118.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*297.46*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*148.73*	
		For Steel Stiffened, Add	*297.46*	
08 13 13 13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,306.36	54.77
		For 14 Gauge, Level 4 Maximum Duty, Add	*478.73*	
		For Galvanized Steel Door, Add	*239.37*	
		For Type 304 Stainless Steel Door, Add	*957.46*	
		For Type 316 Stainless Steel Door, Add	*1,555.88*	
		For Embossed Panel Door, Add	*287.24*	
		For Baked Enamel Finish, Add	*375.48*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-68.06*	
		For >100, Deduct	*-100.72*	
		For 2" Thick Door, Add	*89.51*	
		For Polystyrene Core, Add	*119.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*299.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*149.60*	
		For Steel Stiffened, Add	*299.21*	
08 13 13 13-0099	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,315.67	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*481.52*	
		For Galvanized Steel Door, Add	*240.76*	
		For Type 304 Stainless Steel Door, Add	*963.05*	
		For Type 316 Stainless Steel Door, Add	*1,564.95*	
		For Embossed Panel Door, Add	*288.91*	
		For Baked Enamel Finish, Add	*377.92*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-68.58*	
		For >100, Deduct	*-101.47*	
		For 2" Thick Door, Add	*90.07*	
		For Polystyrene Core, Add	*120.38*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*300.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*150.48*	
		For Steel Stiffened, Add	*300.95*	
08 13 13 13-0100	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,406.66	55.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*517.92*	
		For Galvanized Steel Door, Add	*258.96*	
		For Type 304 Stainless Steel Door, Add	*1,035.84*	
		For Type 316 Stainless Steel Door, Add	*1,683.24*	
		For Embossed Panel Door, Add	*310.75*	
		For Baked Enamel Finish, Add	*405.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-73.13*	
		For >100, Deduct	*-108.30*	
		For 2" Thick Door, Add	*96.67*	
		For Polystyrene Core, Add	*129.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*323.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*161.85*	
		For Steel Stiffened, Add	*323.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,446.33	58.26
		For 14 Gauge, Level 4 Maximum Duty, Add	*531.92*	
		For Galvanized Steel Door, Add	*265.96*	
		For Type 304 Stainless Steel Door, Add	*1,063.84*	
		For Type 316 Stainless Steel Door, Add	*1,728.74*	
		For Embossed Panel Door, Add	*319.15*	
		For Baked Enamel Finish, Add	*416.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-75.23*	
		For >100, Deduct	*-111.39*	
		For 2" Thick Door, Add	*99.32*	
		For Polystyrene Core, Add	*132.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*332.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*166.23*	
		For Steel Stiffened, Add	*332.45*	
08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,595.62	62.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*587.91*	
		For Galvanized Steel Door, Add	*293.95*	
		For Type 304 Stainless Steel Door, Add	*1,175.82*	
		For Type 316 Stainless Steel Door, Add	*1,910.70*	
		For Embossed Panel Door, Add	*352.74*	
		For Baked Enamel Finish, Add	*459.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-82.93*	
		For >100, Deduct	*-122.82*	
		For 2" Thick Door, Add	*109.70*	
		For Polystyrene Core, Add	*146.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*367.44*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*183.72*	
		For Steel Stiffened, Add	*367.44*	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,466.08	51.27
		For Up To 1' Extra Height, Add	*377.29*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*545.41*	
		For Galvanized Steel Door, Add	*272.71*	
		For Type 304 Stainless Steel Door, Add	*1,090.82*	
		For Type 316 Stainless Steel Door, Add	*1,772.59*	
		For Embossed Panel Door, Add	*327.25*	
		For Baked Enamel Finish, Add	*424.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-75.87*	
		For >100, Deduct	*-112.52*	
		For 2" Thick Door, Add	*101.42*	
		For Polystyrene Core, Add	*136.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*340.88*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*170.44*	
		For Steel Stiffened, Add	*340.88*	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,466.08	51.27
		For Up To 1' Extra Height, Add	*377.29*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*545.41*	
		For Galvanized Steel Door, Add	*272.71*	
		For Type 304 Stainless Steel Door, Add	*1,090.82*	
		For Type 316 Stainless Steel Door, Add	*1,772.59*	
		For Embossed Panel Door, Add	*327.25*	
		For Baked Enamel Finish, Add	*424.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-75.87*	
		For >100, Deduct	*-112.52*	
		For 2" Thick Door, Add	*101.42*	
		For Polystyrene Core, Add	*136.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*340.88*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*170.44*	
		For Steel Stiffened, Add	*340.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,498.62	53.60
		For Up To 1' Extra Height, Add	*385.01*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*556.57*	
		For Galvanized Steel Door, Add	*278.28*	
		For Type 304 Stainless Steel Door, Add	*1,113.14*	
		For Type 316 Stainless Steel Door, Add	*1,808.85*	
		For Embossed Panel Door, Add	*333.94*	
		For Baked Enamel Finish, Add	*433.51*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-77.61*	
		For >100, Deduct	*-115.08*	
		For 2" Thick Door, Add	*103.56*	
		For Polystyrene Core, Add	*139.14*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*347.86*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*173.93*	
		For Steel Stiffened, Add	*347.86*	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,519.39	53.60
		For Up To 1' Extra Height, Add	*390.75*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*564.88*	
		For Galvanized Steel Door, Add	*282.44*	
		For Type 304 Stainless Steel Door, Add	*1,129.75*	
		For Type 316 Stainless Steel Door, Add	*1,835.85*	
		For Embossed Panel Door, Add	*338.93*	
		For Baked Enamel Finish, Add	*439.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-78.65*	
		For >100, Deduct	*-116.63*	
		For 2" Thick Door, Add	*105.06*	
		For Polystyrene Core, Add	*141.22*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*353.05*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*176.52*	
		For Steel Stiffened, Add	*353.05*	
08 13 13 13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,530.02	54.77
		For Up To 1' Extra Height, Add	*393.05*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*568.20*	
		For Galvanized Steel Door, Add	*284.10*	
		For Type 304 Stainless Steel Door, Add	*1,136.39*	
		For Type 316 Stainless Steel Door, Add	*1,846.64*	
		For Embossed Panel Door, Add	*340.92*	
		For Baked Enamel Finish, Add	*442.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-79.24*	
		For >100, Deduct	*-117.49*	
		For 2" Thick Door, Add	*105.72*	
		For Polystyrene Core, Add	*142.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*355.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*177.56*	
		For Steel Stiffened, Add	*355.12*	
08 13 13 13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,540.65	55.93
		For Up To 1' Extra Height, Add	*395.35*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*571.52*	
		For Galvanized Steel Door, Add	*285.76*	
		For Type 304 Stainless Steel Door, Add	*1,143.03*	
		For Type 316 Stainless Steel Door, Add	*1,857.43*	
		For Embossed Panel Door, Add	*342.91*	
		For Baked Enamel Finish, Add	*445.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-79.83*	
		For >100, Deduct	*-118.35*	
		For 2" Thick Door, Add	*106.38*	
		For Polystyrene Core, Add	*142.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*357.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*178.60*	
		For Steel Stiffened, Add	*357.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,648.65	55.93
		For Up To 1' Extra Height, Add	*425.23*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*614.72*	
		For Galvanized Steel Door, Add	*307.36*	
		For Type 304 Stainless Steel Door, Add	*1,229.43*	
		For Type 316 Stainless Steel Door, Add	*1,997.83*	
		For Embossed Panel Door, Add	*368.83*	
		For Baked Enamel Finish, Add	*477.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-85.23*	
		For >100, Deduct	*-126.45*	
		For 2" Thick Door, Add	*114.21*	
		For Polystyrene Core, Add	*153.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*384.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*192.10*	
		For Steel Stiffened, Add	*384.20*	
08 13 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,694.86	58.26
		For Up To 1' Extra Height, Add	*436.72*	
		For 1' To 1'-6" Extra Height, Add	*833.20*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*631.33*	
		For Galvanized Steel Door, Add	*315.67*	
		For Type 304 Stainless Steel Door, Add	*1,262.66*	
		For Type 316 Stainless Steel Door, Add	*2,051.83*	
		For Embossed Panel Door, Add	*378.80*	
		For Baked Enamel Finish, Add	*490.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-87.66*	
		For >100, Deduct	*-130.03*	
		For 2" Thick Door, Add	*117.34*	
		For Polystyrene Core, Add	*157.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*394.58*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*197.29*	
		For Steel Stiffened, Add	*394.58*	
08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,870.31	62.93
		For Up To 1' Extra Height, Add	*482.69*	
		For 1' To 1'-6" Extra Height, Add	*920.90*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*697.78*	
		For Galvanized Steel Door, Add	*348.89*	
		For Type 304 Stainless Steel Door, Add	*1,395.57*	
		For Type 316 Stainless Steel Door, Add	*2,267.80*	
		For Embossed Panel Door, Add	*418.67*	
		For Baked Enamel Finish, Add	*542.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-96.66*	
		For >100, Deduct	*-143.42*	
		For 2" Thick Door, Add	*129.62*	
		For Polystyrene Core, Add	*174.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*436.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*218.06*	
		For Steel Stiffened, Add	*436.12*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,663.84	116.53
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,781.68	139.83
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	346.89	69.92
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	392.22	74.58
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	437.55	79.24
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	518.89	83.90

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16		**Flush Wood Doors** *(08 14)*		
08 14 16 00-0001		1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*		
08 14 16 00-0002		Birch Faced Wood Door *(08 14 16 00-0001)*		
08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	273.57	51.27
		For >50 To 100, Deduct	*-16.24*	
		For >100, Deduct	*-23.08*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	273.57	51.27
		For >50 To 100, Deduct	*-16.24*	
		For >100, Deduct	*-23.08*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	290.35	53.60
		For >50 To 100, Deduct	*-17.20*	
		For >100, Deduct	*-24.46*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.26	53.60
		For >50 To 100, Deduct	*-17.64*	
		For >100, Deduct	*-25.12*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	301.35	53.60
		For >50 To 100, Deduct	*-17.75*	
		For >100, Deduct	*-25.28*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.07	55.93
		For >50 To 100, Deduct	*-18.15*	
		For >100, Deduct	*-25.83*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	326.12	55.93
		For >50 To 100, Deduct	*-19.10*	
		For >100, Deduct	*-27.26*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	344.51	58.26
		For >50 To 100, Deduct	*-20.14*	
		For >100, Deduct	*-28.75*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.54	51.27
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.83*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.54	51.27
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.83*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	301.02	53.60
		For >50 To 100, Deduct	*-17.73*	
		For >100, Deduct	*-25.26*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	310.45	53.60
		For >50 To 100, Deduct	*-18.20*	
		For >100, Deduct	*-25.96*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	312.66	53.60
		For >50 To 100, Deduct	*-18.31*	
		For >100, Deduct	*-26.13*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	318.42	55.93
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.68*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	338.59	55.93
		For >50 To 100, Deduct	*-19.73*	
		For >100, Deduct	*-28.19*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	357.77	58.26
		For >50 To 100, Deduct	*-20.80*	
		For >100, Deduct	*-29.75*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	318.83	51.27
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-26.48*	
		For 9' Door Height, Add	*45.42*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	318.83	51.27
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-26.48*	
		For 9' Door Height, Add	*45.42*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	338.82	53.60
		For >50 To 100, Deduct	*-19.62*	
		For >100, Deduct	*-28.09*	
		For 9' Door Height, Add	*48.64*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	350.07	53.60
		For >50 To 100, Deduct	*-20.18*	
		For >100, Deduct	*-28.94*	
		For 9' Door Height, Add	*51.00*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	352.72	53.60
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-29.13*	
		For 9' Door Height, Add	*51.56*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	358.69	55.93
		For >50 To 100, Deduct	*-20.73*	
		For >100, Deduct	*-29.70*	
		For 9' Door Height, Add	*51.83*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	382.80	55.93
		For >50 To 100, Deduct	*-21.94*	
		For >100, Deduct	*-31.51*	
		For 9' Door Height, Add	*56.90*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	404.80	58.26
		For >50 To 100, Deduct	*-23.15*	
		For >100, Deduct	*-33.27*	
		For 9' Door Height, Add	*60.54*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0027		Oak Faced Wood Door *(08 14 16 00-0001)*		
08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	314.09	51.27
		For >50 To 100, Deduct	*-18.27*	
		For >100, Deduct	*-26.12*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	314.09	51.27
		For >50 To 100, Deduct	*-18.27*	
		For >100, Deduct	*-26.12*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	333.73	53.60
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.71*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	344.76	53.60
		For >50 To 100, Deduct	*-19.92*	
		For >100, Deduct	*-28.54*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	346.71	53.60
		For >50 To 100, Deduct	*-20.02*	
		For >100, Deduct	*-28.68*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	353.31	55.93
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	376.86	55.93
		For >50 To 100, Deduct	*-21.64*	
		For >100, Deduct	*-31.06*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	398.50	58.26
		For >50 To 100, Deduct	*-22.84*	
		For >100, Deduct	*-32.80*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	326.40	51.27
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-27.04*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	326.40	51.27
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-27.04*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	346.92	53.60
		For >50 To 100, Deduct	*-20.03*	
		For >100, Deduct	*-28.70*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	358.59	53.60
		For >50 To 100, Deduct	*-20.61*	
		For >100, Deduct	*-29.57*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	360.64	53.60
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-29.73*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	367.35	55.93
		For >50 To 100, Deduct	*-21.16*	
		For >100, Deduct	*-30.35*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	392.28	55.93
		For >50 To 100, Deduct	*-22.41*	
		For >100, Deduct	*-32.22*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	414.91	58.26
		For >50 To 100, Deduct	*-23.66*	
		For >100, Deduct	*-34.03*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	370.06	51.27
		For >50 To 100, Deduct	*-21.07*	
		For >100, Deduct	*-30.32*	
		For 9' Door Height, Add	*56.18*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	370.06	51.27
		For >50 To 100, Deduct	*-21.07*	
		For >100, Deduct	*-30.32*	
		For 9' Door Height, Add	*56.18*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	393.66	53.60
		For >50 To 100, Deduct	*-22.36*	
		For >100, Deduct	*-32.20*	
		For 9' Door Height, Add	*60.16*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	407.59	53.60
		For >50 To 100, Deduct	*-23.06*	
		For >100, Deduct	*-33.25*	
		For 9' Door Height, Add	*63.08*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	410.07	53.60
		For >50 To 100, Deduct	*-23.18*	
		For >100, Deduct	*-33.44*	
		For 9' Door Height, Add	*63.60*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	417.17	55.93
		For >50 To 100, Deduct	*-23.66*	
		For >100, Deduct	*-34.08*	
		For 9' Door Height, Add	*64.12*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	446.97	55.93
		For >50 To 100, Deduct	*-25.15*	
		For >100, Deduct	*-36.32*	
		For 9' Door Height, Add	*70.37*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	473.11	58.26
		For >50 To 100, Deduct	*-26.57*	
		For >100, Deduct	*-38.40*	
		For 9' Door Height, Add	*74.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0052		Maple Faced Wood Door *(08 14 16 00-0001)*		
08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.41	51.27
		For >50 To 100, Deduct	*-20.38*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.41	51.27
		For >50 To 100, Deduct	*-20.38*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	379.02	53.60
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-31.11*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.28	53.60
		For >50 To 100, Deduct	*-22.29*	
		For >100, Deduct	*-32.10*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	394.62	53.60
		For >50 To 100, Deduct	*-22.41*	
		For >100, Deduct	*-32.28*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	401.61	55.93
		For >50 To 100, Deduct	*-22.88*	
		For >100, Deduct	*-32.92*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	429.86	55.93
		For >50 To 100, Deduct	*-24.29*	
		For >100, Deduct	*-35.04*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	454.90	58.26
		For >50 To 100, Deduct	*-25.66*	
		For >100, Deduct	*-37.03*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.16	51.27
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.40*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	371.16	51.27
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.40*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	394.86	53.60
		For >50 To 100, Deduct	*-22.42*	
		For >100, Deduct	*-32.29*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.87	53.60
		For >50 To 100, Deduct	*-23.12*	
		For >100, Deduct	*-33.35*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	411.34	53.60
		For >50 To 100, Deduct	*-23.25*	
		For >100, Deduct	*-33.53*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	418.44	55.93
		For >50 To 100, Deduct	*-23.72*	
		For >100, Deduct	*-34.18*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	448.35	55.93
		For >50 To 100, Deduct	*-25.21*	
		For >100, Deduct	*-36.42*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	474.59	58.26
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-38.51*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	423.56	51.27
		For >50 To 100, Deduct	*-23.74*	
		For >100, Deduct	*-34.33*	
		For 9' Door Height, Add	*67.41*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	423.56	51.27
		For >50 To 100, Deduct	*-23.74*	
		For >100, Deduct	*-34.33*	
		For 9' Door Height, Add	*67.41*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	450.94	53.60
		For >50 To 100, Deduct	*-25.23*	
		For >100, Deduct	*-36.50*	
		For 9' Door Height, Add	*72.19*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	467.66	53.60
		For >50 To 100, Deduct	*-26.06*	
		For >100, Deduct	*-37.75*	
		For 9' Door Height, Add	*75.70*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	470.63	53.60
		For >50 To 100, Deduct	*-26.21*	
		For >100, Deduct	*-37.98*	
		For 9' Door Height, Add	*76.32*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	478.23	55.93
		For >50 To 100, Deduct	*-26.71*	
		For >100, Deduct	*-38.66*	
		For 9' Door Height, Add	*76.94*	
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	514.01	55.93
		For >50 To 100, Deduct	*-28.50*	
		For >100, Deduct	*-41.35*	
		For 9' Door Height, Add	*84.45*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	544.42	58.26
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-43.74*	
		For 9' Door Height, Add	*89.86*	
08 14 16 00-0077		Lauan Faced Wood Doors *(08 14 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	230.44	51.27
		For >50 To 100, Deduct	*-14.09*	
		For >100, Deduct	*-19.85*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	230.44	51.27
		For >50 To 100, Deduct	*-14.09*	
		For >100, Deduct	*-19.85*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	243.75	53.60
		For >50 To 100, Deduct	*-14.87*	
		For >100, Deduct	*-20.96*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	251.07	53.60
		For >50 To 100, Deduct	*-15.23*	
		For >100, Deduct	*-21.51*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.65	53.60
		For >50 To 100, Deduct	*-15.36*	
		For >100, Deduct	*-21.70*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.89	55.93
		For >50 To 100, Deduct	*-15.84*	
		For >100, Deduct	*-22.36*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	275.14	55.93
		For >50 To 100, Deduct	*-16.55*	
		For >100, Deduct	*-23.43*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	290.27	58.26
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-24.68*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	237.87	51.27
		For >50 To 100, Deduct	*-14.46*	
		For >100, Deduct	*-20.40*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	237.86	51.27
		For >50 To 100, Deduct	*-14.46*	
		For >100, Deduct	*-20.40*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	251.70	53.60
		For >50 To 100, Deduct	*-15.27*	
		For >100, Deduct	*-21.56*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	259.44	53.60
		For >50 To 100, Deduct	*-15.65*	
		For >100, Deduct	*-22.14*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.17	53.60
		For >50 To 100, Deduct	*-15.79*	
		For >100, Deduct	*-22.34*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	269.56	55.93
		For >50 To 100, Deduct	*-16.27*	
		For >100, Deduct	*-23.01*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	284.64	55.93
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-24.14*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.37	58.26
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.44*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.27	51.27
		For >50 To 100, Deduct	*-15.78*	
		For >100, Deduct	*-22.38*	
		For 9' Door Height, Add	*33.96*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.24	51.27
		For >50 To 100, Deduct	*-15.78*	
		For >100, Deduct	*-22.38*	
		For 9' Door Height, Add	*33.95*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	279.88	53.60
		For >50 To 100, Deduct	*-16.67*	
		For >100, Deduct	*-23.67*	
		For 9' Door Height, Add	*36.26*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.11	53.60
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.36*	
		For 9' Door Height, Add	*38.20*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	292.40	53.60
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-24.61*	
		For 9' Door Height, Add	*38.89*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.31	55.93
		For >50 To 100, Deduct	*-17.81*	
		For >100, Deduct	*-25.32*	
		For 9' Door Height, Add	*39.57*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.34	55.93
		For >50 To 100, Deduct	*-18.71*	
		For >100, Deduct	*-26.67*	
		For 9' Door Height, Add	*43.36*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	336.20	58.26
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-28.13*	
		For 9' Door Height, Add	*46.13*	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	233.90	51.27
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-20.11*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	233.90	51.27
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-20.11*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	248.13	53.60
		For >50 To 100, Deduct	*-15.09*	
		For >100, Deduct	*-21.29*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	252.66	53.60
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-21.63*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	257.22	53.60
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.97*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.41	55.93
		For >50 To 100, Deduct	*-16.12*	
		For >100, Deduct	*-22.78*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	283.41	55.93
		For >50 To 100, Deduct	*-16.97*	
		For >100, Deduct	*-24.05*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	299.04	58.26
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.34*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	241.54	51.27
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-20.68*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	241.54	51.27
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-20.68*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	256.32	53.60
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-21.90*	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.13	53.60
		For >50 To 100, Deduct	*-15.74*	
		For >100, Deduct	*-22.26*	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	265.95	53.60
		For >50 To 100, Deduct	*-15.98*	
		For >100, Deduct	*-22.63*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	275.41	55.93
		For >50 To 100, Deduct	*-16.57*	
		For >100, Deduct	*-23.45*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	293.40	55.93
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-24.80*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.67	58.26
		For >50 To 100, Deduct	*-18.40*	
		For >100, Deduct	*-26.14*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	268.62	51.27
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.71*	
		For 9' Door Height, Add	*34.87*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	268.66	51.27
		For >50 To 100, Deduct	*-16.00*	
		For >100, Deduct	*-22.71*	
		For 9' Door Height, Add	*34.88*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	285.40	53.60
		For >50 To 100, Deduct	*-16.95*	
		For >100, Deduct	*-24.09*	
		For 9' Door Height, Add	*37.42*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	291.16	53.60
		For >50 To 100, Deduct	*-17.24*	
		For >100, Deduct	*-24.52*	
		For 9' Door Height, Add	*38.63*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	296.93	53.60
		For >50 To 100, Deduct	*-17.53*	
		For >100, Deduct	*-24.95*	
		For 9' Door Height, Add	*39.84*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	307.31	55.93
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.84*	
		For 9' Door Height, Add	*41.04*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	328.81	55.93
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.46*	
		For 9' Door Height, Add	*45.56*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	347.34	58.26
		For >50 To 100, Deduct	*-20.28*	
		For >100, Deduct	*-28.96*	
		For 9' Door Height, Add	*48.47*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	316.32	51.27
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-26.29*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	316.32	51.27
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-26.29*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	329.03	53.60
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-27.36*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	332.04	53.60
		For >50 To 100, Deduct	*-19.28*	
		For >100, Deduct	*-27.58*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	338.61	53.60
		For >50 To 100, Deduct	*-19.61*	
		For >100, Deduct	*-28.08*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	349.85	55.93
		For >50 To 100, Deduct	*-20.29*	
		For >100, Deduct	*-29.04*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	384.75	55.93
		For >50 To 100, Deduct	*-22.03*	
		For >100, Deduct	*-31.65*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	460.24	58.26
		For >50 To 100, Deduct	*-25.93*	
		For >100, Deduct	*-37.43*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	477.42	58.26
		For >50 To 100, Deduct	*-26.78*	
		For >100, Deduct	*-38.72*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	511.79	58.26
		For >50 To 100, Deduct	*-28.50*	
		For >100, Deduct	*-41.30*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	328.77	51.27
		For >50 To 100, Deduct	*-19.00*	
		For >100, Deduct	*-27.22*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	328.76	51.27
		For >50 To 100, Deduct	*-19.00*	
		For >100, Deduct	*-27.22*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	341.94	53.60
		For >50 To 100, Deduct	*-19.78*	
		For >100, Deduct	*-28.33*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	345.12	53.60
		For >50 To 100, Deduct	*-19.94*	
		For >100, Deduct	*-28.56*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	352.08	53.60
		For >50 To 100, Deduct	*-20.28*	
		For >100, Deduct	*-29.09*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	363.69	55.93
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.07*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	400.63	55.93
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.84*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	480.25	58.26
		For >50 To 100, Deduct	*-26.93*	
		For >100, Deduct	*-38.93*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	498.42	58.26
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-40.29*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	534.80	58.26
		For >50 To 100, Deduct	*-29.65*	
		For >100, Deduct	*-43.02*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	372.89	51.27
		For >50 To 100, Deduct	*-21.21*	
		For >100, Deduct	*-30.53*	
		For 9' Door Height, Add	*56.77*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	372.89	51.27
		For >50 To 100, Deduct	*-21.21*	
		For >100, Deduct	*-30.53*	
		For 9' Door Height, Add	*56.77*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	387.72	53.60
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-31.76*	
		For 9' Door Height, Add	*58.91*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	391.51	53.60
		For >50 To 100, Deduct	*-22.26*	
		For >100, Deduct	*-32.04*	
		For 9' Door Height, Add	*59.71*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	399.85	53.60
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.67*	
		For 9' Door Height, Add	*61.46*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	412.78	55.93
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-33.76*	
		For 9' Door Height, Add	*63.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	456.94	55.93
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-37.07*	
		For 9' Door Height, Add	*72.47*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	551.17	58.26
		For >50 To 100, Deduct	*-30.47*	
		For >100, Deduct	*-44.25*	
		For 9' Door Height, Add	*91.27*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	572.88	58.26
		For >50 To 100, Deduct	*-31.56*	
		For >100, Deduct	*-45.88*	
		For 9' Door Height, Add	*95.83*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	616.37	58.26
		For >50 To 100, Deduct	*-33.73*	
		For >100, Deduct	*-49.14*	
		For 9' Door Height, Add	*104.97*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	383.85	51.27
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.35*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	383.85	51.27
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.35*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.07	53.60
		For >50 To 100, Deduct	*-22.63*	
		For >100, Deduct	*-32.61*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	403.03	53.60
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.91*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	411.69	53.60
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-33.56*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.98	55.93
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.67*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	470.91	55.93
		For >50 To 100, Deduct	*-26.34*	
		For >100, Deduct	*-38.11*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	568.78	58.26
		For >50 To 100, Deduct	*-31.35*	
		For >100, Deduct	*-45.57*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	591.41	58.26
		For >50 To 100, Deduct	*-32.48*	
		For >100, Deduct	*-47.27*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	636.67	58.26
		For >50 To 100, Deduct	*-34.75*	
		For >100, Deduct	*-50.66*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	400.21	51.27
		For >50 To 100, Deduct	*-22.57*	
		For >100, Deduct	*-32.58*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	400.22	51.27
		For >50 To 100, Deduct	*-22.57*	
		For >100, Deduct	*-32.58*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	416.06	53.60
		For >50 To 100, Deduct	*-23.48*	
		For >100, Deduct	*-33.88*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	420.25	53.60
		For >50 To 100, Deduct	*-23.69*	
		For >100, Deduct	*-34.20*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	429.41	53.60
		For >50 To 100, Deduct	*-24.15*	
		For >100, Deduct	*-34.89*	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	443.20	55.93
		For >50 To 100, Deduct	*-24.96*	
		For >100, Deduct	*-36.04*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	491.81	55.93
		For >50 To 100, Deduct	*-27.39*	
		For >100, Deduct	*-39.68*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	595.11	58.26
		For >50 To 100, Deduct	*-32.67*	
		For >100, Deduct	*-47.55*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	619.06	58.26
		For >50 To 100, Deduct	*-33.87*	
		For >100, Deduct	*-49.34*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	666.93	58.26
		For >50 To 100, Deduct	*-36.26*	
		For >100, Deduct	*-52.93*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	458.24	51.27
		For >50 To 100, Deduct	*-25.48*	
		For >100, Deduct	*-36.93*	
		For 9' Door Height, Add	*74.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	458.28	51.27
		For >50 To 100, Deduct	*-25.48*	
		For >100, Deduct	*-36.93*	
		For 9' Door Height, Add	*74.70*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	476.29	53.60
		For >50 To 100, Deduct	*-26.49*	
		For >100, Deduct	*-38.40*	
		For 9' Door Height, Add	*77.51*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	481.28	53.60
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-38.78*	
		For 9' Door Height, Add	*78.56*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	492.24	53.60
		For >50 To 100, Deduct	*-27.29*	
		For >100, Deduct	*-39.60*	
		For 9' Door Height, Add	*80.86*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	507.82	55.93
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-40.88*	
		For 9' Door Height, Add	*83.15*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	565.91	55.93
		For >50 To 100, Deduct	*-31.09*	
		For >100, Deduct	*-45.24*	
		For 9' Door Height, Add	*95.35*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	688.43	58.26
		For >50 To 100, Deduct	*-37.33*	
		For >100, Deduct	*-54.55*	
		For 9' Door Height, Add	*120.10*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	717.07	58.26
		For >50 To 100, Deduct	*-38.77*	
		For >100, Deduct	*-56.69*	
		For 9' Door Height, Add	*126.11*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	774.28	58.26
		For >50 To 100, Deduct	*-41.63*	
		For >100, Deduct	*-60.98*	
		For 9' Door Height, Add	*138.13*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	440.10	51.27
		For >50 To 100, Deduct	*-24.57*	
		For >100, Deduct	*-35.57*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	440.10	51.27
		For >50 To 100, Deduct	*-24.57*	
		For >100, Deduct	*-35.57*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	457.45	53.60
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-36.99*	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	462.40	53.60
		For >50 To 100, Deduct	*-25.80*	
		For >100, Deduct	*-37.36*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	472.69	53.60
		For >50 To 100, Deduct	*-26.31*	
		For >100, Deduct	*-38.13*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	487.60	55.93
		For >50 To 100, Deduct	*-27.18*	
		For >100, Deduct	*-39.37*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	542.72	55.93
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-43.50*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	632.25	58.26
		For >50 To 100, Deduct	*-34.53*	
		For >100, Deduct	*-50.33*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	686.38	58.26
		For >50 To 100, Deduct	*-37.23*	
		For >100, Deduct	*-54.39*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	740.69	58.26
		For >50 To 100, Deduct	*-39.95*	
		For >100, Deduct	*-58.47*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	459.76	51.27
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-37.05*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	459.76	51.27
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-37.05*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	477.81	53.60
		For >50 To 100, Deduct	*-26.57*	
		For >100, Deduct	*-38.52*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	483.08	53.60
		For >50 To 100, Deduct	*-26.83*	
		For >100, Deduct	*-38.91*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	493.93	53.60
		For >50 To 100, Deduct	*-27.38*	
		For >100, Deduct	*-39.72*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		509.45	55.93
		For >50 To 100, Deduct		*-28.27*	
		For >100, Deduct		*-41.01*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		567.79	55.93
		For >50 To 100, Deduct		*-31.19*	
		For >100, Deduct		*-45.38*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		662.12	58.26
		For >50 To 100, Deduct		*-36.02*	
		For >100, Deduct		*-52.57*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		719.58	58.26
		For >50 To 100, Deduct		*-38.89*	
		For >100, Deduct		*-56.88*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		777.00	58.26
		For >50 To 100, Deduct		*-41.76*	
		For >100, Deduct		*-61.19*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		529.42	51.27
		For >50 To 100, Deduct		*-29.03*	
		For >100, Deduct		*-42.27*	
		For 9' Door Height, Add		*89.64*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		529.42	51.27
		For >50 To 100, Deduct		*-29.03*	
		For >100, Deduct		*-42.27*	
		For 9' Door Height, Add		*89.64*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		550.08	53.60
		For >50 To 100, Deduct		*-30.18*	
		For >100, Deduct		*-43.94*	
		For 9' Door Height, Add		*93.00*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		556.38	53.60
		For >50 To 100, Deduct		*-30.50*	
		For >100, Deduct		*-44.41*	
		For 9' Door Height, Add		*94.33*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		569.32	53.60
		For >50 To 100, Deduct		*-31.15*	
		For >100, Deduct		*-45.38*	
		For 9' Door Height, Add		*97.05*	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		586.99	55.93
		For >50 To 100, Deduct		*-32.15*	
		For >100, Deduct		*-46.82*	
		For 9' Door Height, Add		*99.78*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		656.68	55.93
		For >50 To 100, Deduct		*-35.63*	
		For >100, Deduct		*-52.05*	
		For 9' Door Height, Add		*114.41*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		768.55	58.26
		For >50 To 100, Deduct		*-41.34*	
		For >100, Deduct		*-60.55*	
		For 9' Door Height, Add		*136.92*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		837.18	58.26
		For >50 To 100, Deduct		*-44.77*	
		For >100, Deduct		*-65.70*	
		For 9' Door Height, Add		*151.34*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door		905.84	58.26
		For >50 To 100, Deduct		*-48.21*	
		For >100, Deduct		*-70.85*	
		For 9' Door Height, Add		*165.76*	
08 14 16 00-0221		Walnut Faced Wood Doors *(08 14 16 00-0127)*			
08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		483.63	51.27
		For >50 To 100, Deduct		*-26.75*	
		For >100, Deduct		*-38.84*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		483.63	51.27
		For >50 To 100, Deduct		*-26.75*	
		For >100, Deduct		*-38.84*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		490.93	53.60
		For >50 To 100, Deduct		*-27.23*	
		For >100, Deduct		*-39.50*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		507.83	53.60
		For >50 To 100, Deduct		*-28.07*	
		For >100, Deduct		*-40.77*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		510.41	53.60
		For >50 To 100, Deduct		*-28.20*	
		For >100, Deduct		*-40.96*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		517.65	55.93
		For >50 To 100, Deduct		*-28.68*	
		For >100, Deduct		*-41.62*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		562.94	55.93
		For >50 To 100, Deduct		*-30.94*	
		For >100, Deduct		*-45.02*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		684.54	58.26
		For >50 To 100, Deduct		*-37.14*	
		For >100, Deduct		*-54.25*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door		712.93	58.26
		For >50 To 100, Deduct		*-38.56*	
		For >100, Deduct		*-56.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	769.79	58.26
		For >50 To 100, Deduct	*-41.40*	
		For >100, Deduct	*-60.65*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	505.80	51.27
		For >50 To 100, Deduct	*-27.85*	
		For >100, Deduct	*-40.50*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	505.80	51.27
		For >50 To 100, Deduct	*-27.85*	
		For >100, Deduct	*-40.50*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	513.28	53.60
		For >50 To 100, Deduct	*-28.34*	
		For >100, Deduct	*-41.18*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	531.13	53.60
		For >50 To 100, Deduct	*-29.24*	
		For >100, Deduct	*-42.51*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	533.89	53.60
		For >50 To 100, Deduct	*-29.37*	
		For >100, Deduct	*-42.72*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	541.27	55.93
		For >50 To 100, Deduct	*-29.86*	
		For >100, Deduct	*-43.39*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	589.18	55.93
		For >50 To 100, Deduct	*-32.26*	
		For >100, Deduct	*-46.99*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	717.60	58.26
		For >50 To 100, Deduct	*-38.79*	
		For >100, Deduct	*-56.73*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	747.65	58.26
		For >50 To 100, Deduct	*-40.30*	
		For >100, Deduct	*-58.99*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	807.79	58.26
		For >50 To 100, Deduct	*-43.30*	
		For >100, Deduct	*-63.50*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	584.43	51.27
		For >50 To 100, Deduct	*-31.79*	
		For >100, Deduct	*-46.40*	
		For 9' Door Height, Add	*101.19*	
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	584.43	51.27
		For >50 To 100, Deduct	*-31.79*	
		For >100, Deduct	*-46.40*	
		For 9' Door Height, Add	*101.19*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	592.47	53.60
		For >50 To 100, Deduct	*-32.30*	
		For >100, Deduct	*-47.12*	
		For 9' Door Height, Add	*101.91*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	613.80	53.60
		For >50 To 100, Deduct	*-33.37*	
		For >100, Deduct	*-48.72*	
		For 9' Door Height, Add	*106.39*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	617.08	53.60
		For >50 To 100, Deduct	*-33.53*	
		For >100, Deduct	*-48.96*	
		For 9' Door Height, Add	*107.07*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	625.00	55.93
		For >50 To 100, Deduct	*-34.05*	
		For >100, Deduct	*-49.67*	
		For 9' Door Height, Add	*107.76*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	682.27	55.93
		For >50 To 100, Deduct	*-36.91*	
		For >100, Deduct	*-53.97*	
		For 9' Door Height, Add	*119.79*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	834.81	58.26
		For >50 To 100, Deduct	*-44.65*	
		For >100, Deduct	*-65.52*	
		For 9' Door Height, Add	*150.84*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	870.73	58.26
		For >50 To 100, Deduct	*-46.45*	
		For >100, Deduct	*-68.22*	
		For 9' Door Height, Add	*158.38*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	942.58	58.26
		For >50 To 100, Deduct	*-50.04*	
		For >100, Deduct	*-73.61*	
		For 9' Door Height, Add	*173.47*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	265.02	51.27
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.44*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	265.02	51.27
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.44*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	280.84	53.60
		For >50 To 100, Deduct	*-16.72*	
		For >100, Deduct	*-23.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.92	53.60
		For >50 To 100, Deduct	*-17.18*	
		For >100, Deduct	*-24.42*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	291.73	53.60
		For >50 To 100, Deduct	*-17.27*	
		For >100, Deduct	*-24.56*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	298.19	55.93
		For >50 To 100, Deduct	*-17.71*	
		For >100, Deduct	*-25.16*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.66	55.93
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.70*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	349.74	58.26
		For >50 To 100, Deduct	*-20.40*	
		For >100, Deduct	*-29.14*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	361.38	58.26
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.02*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	384.71	58.26
		For >50 To 100, Deduct	*-22.15*	
		For >100, Deduct	*-31.77*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	274.46	51.27
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-23.15*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	274.46	51.27
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-23.15*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	290.95	53.60
		For >50 To 100, Deduct	*-17.23*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.57	53.60
		For >50 To 100, Deduct	*-17.71*	
		For >100, Deduct	*-25.22*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	302.48	53.60
		For >50 To 100, Deduct	*-17.80*	
		For >100, Deduct	*-25.37*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	309.03	55.93
		For >50 To 100, Deduct	*-18.25*	
		For >100, Deduct	*-25.97*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	330.71	55.93
		For >50 To 100, Deduct	*-19.33*	
		For >100, Deduct	*-27.60*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	363.30	58.26
		For >50 To 100, Deduct	*-21.08*	
		For >100, Deduct	*-30.16*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	375.63	58.26
		For >50 To 100, Deduct	*-21.69*	
		For >100, Deduct	*-31.09*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	400.31	58.26
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-32.94*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	307.97	51.27
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.66*	
		For 9' Door Height, Add	*43.14*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	307.97	51.27
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.66*	
		For 9' Door Height, Add	*43.14*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	326.77	53.60
		For >50 To 100, Deduct	*-19.02*	
		For >100, Deduct	*-27.19*	
		For 9' Door Height, Add	*46.11*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	338.26	53.60
		For >50 To 100, Deduct	*-19.59*	
		For >100, Deduct	*-28.05*	
		For 9' Door Height, Add	*48.52*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	340.56	53.60
		For >50 To 100, Deduct	*-19.71*	
		For >100, Deduct	*-28.22*	
		For 9' Door Height, Add	*49.01*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	347.48	55.93
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.86*	
		For 9' Door Height, Add	*49.48*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	373.40	55.93
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.80*	
		For 9' Door Height, Add	*54.92*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	411.41	58.26
		For >50 To 100, Deduct	*-23.48*	
		For >100, Deduct	*-33.77*	
		For 9' Door Height, Add	*61.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	426.15	58.26
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-34.87*	
		For 9' Door Height, Add	*65.02*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	455.64	58.26
		For >50 To 100, Deduct	*-25.70*	
		For >100, Deduct	*-37.09*	
		For 9' Door Height, Add	*71.21*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.18	51.27
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.53*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.22	51.27
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.53*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	275.39	53.60
		For >50 To 100, Deduct	*-16.45*	
		For >100, Deduct	*-23.33*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	284.52	53.60
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-24.02*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.08	53.60
		For >50 To 100, Deduct	*-17.13*	
		For >100, Deduct	*-24.36*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.23	55.93
		For >50 To 100, Deduct	*-17.71*	
		For >100, Deduct	*-25.16*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	308.62	55.93
		For >50 To 100, Deduct	*-18.23*	
		For >100, Deduct	*-25.94*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	347.09	58.26
		For >50 To 100, Deduct	*-20.27*	
		For >100, Deduct	*-28.95*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.62	58.26
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-29.81*	
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	381.71	58.26
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.54*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	275.72	51.27
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-23.24*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	275.73	51.27
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-23.24*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	285.17	53.60
		For >50 To 100, Deduct	*-16.94*	
		For >100, Deduct	*-24.07*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	294.83	53.60
		For >50 To 100, Deduct	*-17.42*	
		For >100, Deduct	*-24.79*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	299.65	53.60
		For >50 To 100, Deduct	*-17.66*	
		For >100, Deduct	*-25.15*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.09	55.93
		For >50 To 100, Deduct	*-18.25*	
		For >100, Deduct	*-25.98*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.08	55.93
		For >50 To 100, Deduct	*-18.80*	
		For >100, Deduct	*-26.80*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	360.53	58.26
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-29.95*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	372.73	58.26
		For >50 To 100, Deduct	*-21.55*	
		For >100, Deduct	*-30.87*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	397.12	58.26
		For >50 To 100, Deduct	*-22.77*	
		For >100, Deduct	*-32.70*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.49	51.27
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.78*	
		For 9' Door Height, Add	*43.46*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.49	51.27
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.78*	
		For 9' Door Height, Add	*43.46*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	319.87	53.60
		For >50 To 100, Deduct	*-18.67*	
		For >100, Deduct	*-26.67*	
		For 9' Door Height, Add	*44.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	331.40	53.60
		For >50 To 100, Deduct	*-19.25*	
		For >100, Deduct	*-27.54*	
		For 9' Door Height, Add	*47.08*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	337.16	53.60
		For >50 To 100, Deduct	*-19.54*	
		For >100, Deduct	*-27.97*	
		For 9' Door Height, Add	*48.29*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	347.55	55.93
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.86*	
		For 9' Door Height, Add	*49.49*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	360.70	55.93
		For >50 To 100, Deduct	*-20.83*	
		For >100, Deduct	*-29.85*	
		For 9' Door Height, Add	*52.26*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	408.12	58.26
		For >50 To 100, Deduct	*-23.32*	
		For >100, Deduct	*-33.52*	
		For 9' Door Height, Add	*61.23*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	422.69	58.26
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.62*	
		For 9' Door Height, Add	*64.29*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	451.86	58.26
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-36.80*	
		For 9' Door Height, Add	*70.42*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.31	51.27
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.32*	
		For Structural Composite Lumber Core (SCLC), Add	*97.99*	
		For >50 To 100, Deduct	*-18.58*	
		For >100, Deduct	*-26.59*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.35	51.27
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.35*	
		For Structural Composite Lumber Core (SCLC), Add	*98.01*	
		For >50 To 100, Deduct	*-18.58*	
		For >100, Deduct	*-26.59*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	336.42	53.60
		For 7 Ply Cold Press Construction, Deduct	*-4.58*	
		For Stave Lumber Core (SLC), Add	*171.92*	
		For Structural Composite Lumber Core (SCLC), Add	*103.15*	
		For >50 To 100, Deduct	*-19.50*	
		For >100, Deduct	*-27.91*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	347.84	53.60
		For 7 Ply Cold Press Construction, Deduct	*-4.81*	
		For Stave Lumber Core (SLC), Add	*180.48*	
		For Structural Composite Lumber Core (SCLC), Add	*108.29*	
		For >50 To 100, Deduct	*-20.07*	
		For >100, Deduct	*-28.77*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.81	53.60
		For 7 Ply Cold Press Construction, Deduct	*-4.95*	
		For Stave Lumber Core (SLC), Add	*185.71*	
		For Structural Composite Lumber Core (SCLC), Add	*111.42*	
		For >50 To 100, Deduct	*-20.42*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	366.47	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.09*	
		For Stave Lumber Core (SLC), Add	*190.96*	
		For Structural Composite Lumber Core (SCLC), Add	*114.57*	
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.28*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.40	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.65*	
		For Stave Lumber Core (SLC), Add	*211.91*	
		For Structural Composite Lumber Core (SCLC), Add	*127.14*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-32.38*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	417.14	58.26
		For 7 Ply Cold Press Construction, Deduct	*-6.01*	
		For Stave Lumber Core (SLC), Add	*225.46*	
		For Structural Composite Lumber Core (SCLC), Add	*135.27*	
		For >50 To 100, Deduct	*-23.77*	
		For >100, Deduct	*-34.20*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	333.00	51.27
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.84*	
		For Structural Composite Lumber Core (SCLC), Add	*103.70*	
		For >50 To 100, Deduct	*-19.21*	
		For >100, Deduct	*-27.54*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	333.01	51.27
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.85*	
		For Structural Composite Lumber Core (SCLC), Add	*103.71*	
		For >50 To 100, Deduct	*-19.21*	
		For >100, Deduct	*-27.54*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	349.76	53.60
		For 7 Ply Cold Press Construction, Deduct	*-4.85*	
		For Stave Lumber Core (SLC), Add	*181.92*	
		For Structural Composite Lumber Core (SCLC), Add	*109.15*	
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.91*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	361.86	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.09*	
		For Stave Lumber Core (SLC), Add	*191.00*	
		For Structural Composite Lumber Core (SCLC), Add	*114.60*	
		For >50 To 100, Deduct	*-20.77*	
		For >100, Deduct	*-29.82*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	369.23	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.52*	
		For Structural Composite Lumber Core (SCLC), Add	*117.91*	
		For >50 To 100, Deduct	*-21.14*	
		For >100, Deduct	*-30.37*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	381.28	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.39*	
		For Stave Lumber Core (SLC), Add	*202.07*	
		For Structural Composite Lumber Core (SCLC), Add	*121.24*	
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-31.39*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	410.85	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.98*	
		For Stave Lumber Core (SLC), Add	*224.24*	
		For Structural Composite Lumber Core (SCLC), Add	*134.55*	
		For >50 To 100, Deduct	*-23.34*	
		For >100, Deduct	*-33.61*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	434.63	58.26
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.58*	
		For Structural Composite Lumber Core (SCLC), Add	*143.15*	
		For >50 To 100, Deduct	*-24.64*	
		For >100, Deduct	*-35.51*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.95	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.55*	
		For Structural Composite Lumber Core (SCLC), Add	*123.93*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.91*	
		For 9' Door Height, Add	*57.83*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.95	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.55*	
		For Structural Composite Lumber Core (SCLC), Add	*123.93*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.91*	
		For 9' Door Height, Add	*57.83*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	397.06	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.80*	
		For Stave Lumber Core (SLC), Add	*217.40*	
		For Structural Composite Lumber Core (SCLC), Add	*130.44*	
		For >50 To 100, Deduct	*-22.53*	
		For >100, Deduct	*-32.46*	
		For 9' Door Height, Add	*60.87*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	411.52	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.09*	
		For Stave Lumber Core (SLC), Add	*228.24*	
		For Structural Composite Lumber Core (SCLC), Add	*136.94*	
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-33.54*	
		For 9' Door Height, Add	*63.91*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	420.32	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.26*	
		For Stave Lumber Core (SLC), Add	*234.84*	
		For Structural Composite Lumber Core (SCLC), Add	*140.90*	
		For >50 To 100, Deduct	*-23.70*	
		For >100, Deduct	*-34.20*	
		For 9' Door Height, Add	*65.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	433.82	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.44*	
		For Stave Lumber Core (SLC), Add	*241.47*	
		For Structural Composite Lumber Core (SCLC), Add	*144.88*	
		For >50 To 100, Deduct	*-24.49*	
		For >100, Deduct	*-35.33*	
		For 9' Door Height, Add	*67.61*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	469.14	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*267.96*	
		For Structural Composite Lumber Core (SCLC), Add	*160.78*	
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-37.98*	
		For 9' Door Height, Add	*75.03*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	496.65	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.60*	
		For Stave Lumber Core (SLC), Add	*285.09*	
		For Structural Composite Lumber Core (SCLC), Add	*171.05*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-40.16*	
		For 9' Door Height, Add	*79.83*	
08 14 16 00-0340		Oak Faced Wood Doors *(08 14 16 00-0314)*		
08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	371.26	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.53*	
		For Structural Composite Lumber Core (SCLC), Add	*120.92*	
		For >50 To 100, Deduct	*-21.13*	
		For >100, Deduct	*-30.41*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	371.26	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.53*	
		For Structural Composite Lumber Core (SCLC), Add	*120.92*	
		For >50 To 100, Deduct	*-21.13*	
		For >100, Deduct	*-30.41*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	390.06	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.66*	
		For Stave Lumber Core (SLC), Add	*212.15*	
		For Structural Composite Lumber Core (SCLC), Add	*127.29*	
		For >50 To 100, Deduct	*-22.18*	
		For >100, Deduct	*-31.93*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	404.16	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.94*	
		For Stave Lumber Core (SLC), Add	*222.72*	
		For Structural Composite Lumber Core (SCLC), Add	*133.63*	
		For >50 To 100, Deduct	*-22.89*	
		For >100, Deduct	*-32.99*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	412.76	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.11*	
		For Stave Lumber Core (SLC), Add	*229.17*	
		For Structural Composite Lumber Core (SCLC), Add	*137.50*	
		For >50 To 100, Deduct	*-23.32*	
		For >100, Deduct	*-33.64*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	426.04	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.28*	
		For Stave Lumber Core (SLC), Add	*235.64*	
		For Structural Composite Lumber Core (SCLC), Add	*141.38*	
		For >50 To 100, Deduct	*-24.10*	
		For >100, Deduct	*-34.75*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	460.52	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.97*	
		For Stave Lumber Core (SLC), Add	*261.50*	
		For Structural Composite Lumber Core (SCLC), Add	*156.90*	
		For >50 To 100, Deduct	*-25.82*	
		For >100, Deduct	*-37.34*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	487.46	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.42*	
		For Stave Lumber Core (SLC), Add	*278.20*	
		For Structural Composite Lumber Core (SCLC), Add	*166.92*	
		For >50 To 100, Deduct	*-27.29*	
		For >100, Deduct	*-39.47*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	386.89	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.69*	
		For Stave Lumber Core (SLC), Add	*213.26*	
		For Structural Composite Lumber Core (SCLC), Add	*127.95*	
		For >50 To 100, Deduct	*-21.91*	
		For >100, Deduct	*-31.58*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	386.89	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.69*	
		For Stave Lumber Core (SLC), Add	*213.26*	
		For Structural Composite Lumber Core (SCLC), Add	*127.95*	
		For >50 To 100, Deduct	*-21.91*	
		For >100, Deduct	*-31.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	406.53	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.99*	
		For Stave Lumber Core (SLC), Add	*224.50*	
		For Structural Composite Lumber Core (SCLC), Add	*134.70*	
		For >50 To 100, Deduct	*-23.01*	
		For >100, Deduct	*-33.17*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.45	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.69*	
		For Structural Composite Lumber Core (SCLC), Add	*141.41*	
		For >50 To 100, Deduct	*-23.75*	
		For >100, Deduct	*-34.29*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	430.54	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.47*	
		For Stave Lumber Core (SLC), Add	*242.51*	
		For Structural Composite Lumber Core (SCLC), Add	*145.50*	
		For >50 To 100, Deduct	*-24.21*	
		For >100, Deduct	*-34.97*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	444.32	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.65*	
		For Stave Lumber Core (SLC), Add	*249.35*	
		For Structural Composite Lumber Core (SCLC), Add	*149.61*	
		For >50 To 100, Deduct	*-25.01*	
		For >100, Deduct	*-36.12*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	480.81	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.38*	
		For Stave Lumber Core (SLC), Add	*276.71*	
		For Structural Composite Lumber Core (SCLC), Add	*166.03*	
		For >50 To 100, Deduct	*-26.84*	
		For >100, Deduct	*-38.86*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	509.06	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.40*	
		For Structural Composite Lumber Core (SCLC), Add	*176.64*	
		For >50 To 100, Deduct	*-28.37*	
		For >100, Deduct	*-41.09*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	442.33	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.80*	
		For Stave Lumber Core (SLC), Add	*254.84*	
		For Structural Composite Lumber Core (SCLC), Add	*152.90*	
		For >50 To 100, Deduct	*-24.68*	
		For >100, Deduct	*-35.74*	
		For 9' Door Height, Add	*71.35*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	442.33	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.80*	
		For Stave Lumber Core (SLC), Add	*254.84*	
		For Structural Composite Lumber Core (SCLC), Add	*152.90*	
		For >50 To 100, Deduct	*-24.68*	
		For >100, Deduct	*-35.74*	
		For 9' Door Height, Add	*71.35*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	464.91	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.28*	
		For Structural Composite Lumber Core (SCLC), Add	*160.97*	
		For >50 To 100, Deduct	*-25.93*	
		For >100, Deduct	*-37.55*	
		For 9' Door Height, Add	*75.12*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	482.73	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.51*	
		For Stave Lumber Core (SLC), Add	*281.65*	
		For Structural Composite Lumber Core (SCLC), Add	*168.99*	
		For >50 To 100, Deduct	*-26.82*	
		For >100, Deduct	*-38.88*	
		For 9' Door Height, Add	*78.86*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	493.58	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.73*	
		For Stave Lumber Core (SLC), Add	*289.79*	
		For Structural Composite Lumber Core (SCLC), Add	*173.87*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-39.70*	
		For 9' Door Height, Add	*81.14*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	509.17	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.95*	
		For Stave Lumber Core (SLC), Add	*297.98*	
		For Structural Composite Lumber Core (SCLC), Add	*178.79*	
		For >50 To 100, Deduct	*-28.26*	
		For >100, Deduct	*-40.98*	
		For 9' Door Height, Add	*83.44*	
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	552.76	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.82*	
		For Stave Lumber Core (SLC), Add	*330.68*	
		For Structural Composite Lumber Core (SCLC), Add	*198.41*	
		For >50 To 100, Deduct	*-30.43*	
		For >100, Deduct	*-44.25*	
		For 9' Door Height, Add	*92.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	585.61	58.26
		For 7 Ply Cold Press Construction, Deduct	*-9.38*	
		For Stave Lumber Core (SLC), Add	*351.81*	
		For Structural Composite Lumber Core (SCLC), Add	*211.09*	
		For >50 To 100, Deduct	*-32.19*	
		For >100, Deduct	*-46.83*	
		For 9' Door Height, Add	*98.51*	
08 14 16 00-0365		**Maple Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	425.01	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.45*	
		For Stave Lumber Core (SLC), Add	*241.85*	
		For Structural Composite Lumber Core (SCLC), Add	*145.11*	
		For >50 To 100, Deduct	*-23.81*	
		For >100, Deduct	*-34.44*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	425.01	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.45*	
		For Stave Lumber Core (SLC), Add	*241.85*	
		For Structural Composite Lumber Core (SCLC), Add	*145.11*	
		For >50 To 100, Deduct	*-23.81*	
		For >100, Deduct	*-34.44*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	446.63	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.79*	
		For Stave Lumber Core (SLC), Add	*254.57*	
		For Structural Composite Lumber Core (SCLC), Add	*152.74*	
		For >50 To 100, Deduct	*-25.01*	
		For >100, Deduct	*-36.18*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	463.56	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.13*	
		For Stave Lumber Core (SLC), Add	*267.27*	
		For Structural Composite Lumber Core (SCLC), Add	*160.36*	
		For >50 To 100, Deduct	*-25.86*	
		For >100, Deduct	*-37.45*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	473.85	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.33*	
		For Stave Lumber Core (SLC), Add	*274.99*	
		For Structural Composite Lumber Core (SCLC), Add	*164.99*	
		For >50 To 100, Deduct	*-26.37*	
		For >100, Deduct	*-38.22*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	488.87	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.54*	
		For Stave Lumber Core (SLC), Add	*282.76*	
		For Structural Composite Lumber Core (SCLC), Add	*169.65*	
		For >50 To 100, Deduct	*-27.24*	
		For >100, Deduct	*-39.46*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	530.24	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.37*	
		For Stave Lumber Core (SLC), Add	*313.79*	
		For Structural Composite Lumber Core (SCLC), Add	*188.27*	
		For >50 To 100, Deduct	*-29.31*	
		For >100, Deduct	*-42.56*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	561.64	58.26
		For 7 Ply Cold Press Construction, Deduct	*-8.90*	
		For Stave Lumber Core (SLC), Add	*333.83*	
		For Structural Composite Lumber Core (SCLC), Add	*200.30*	
		For >50 To 100, Deduct	*-31.00*	
		For >100, Deduct	*-45.04*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	443.75	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.82*	
		For Stave Lumber Core (SLC), Add	*255.90*	
		For Structural Composite Lumber Core (SCLC), Add	*153.54*	
		For >50 To 100, Deduct	*-24.75*	
		For >100, Deduct	*-35.85*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	443.75	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.82*	
		For Stave Lumber Core (SLC), Add	*255.90*	
		For Structural Composite Lumber Core (SCLC), Add	*153.54*	
		For >50 To 100, Deduct	*-24.75*	
		For >100, Deduct	*-35.85*	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	466.39	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.18*	
		For Stave Lumber Core (SLC), Add	*269.39*	
		For Structural Composite Lumber Core (SCLC), Add	*161.64*	
		For >50 To 100, Deduct	*-26.00*	
		For >100, Deduct	*-37.66*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	484.32	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.54*	
		For Stave Lumber Core (SLC), Add	*282.84*	
		For Structural Composite Lumber Core (SCLC), Add	*169.70*	
		For >50 To 100, Deduct	*-26.90*	
		For >100, Deduct	*-39.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	495.21	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.76*	
		For Stave Lumber Core (SLC), Add	*291.01*	
		For Structural Composite Lumber Core (SCLC), Add	*174.60*	
		For >50 To 100, Deduct	*-27.44*	
		For >100, Deduct	*-39.82*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.83	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.98*	
		For Stave Lumber Core (SLC), Add	*299.23*	
		For Structural Composite Lumber Core (SCLC), Add	*179.54*	
		For >50 To 100, Deduct	*-28.34*	
		For >100, Deduct	*-41.11*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	554.60	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.85*	
		For Stave Lumber Core (SLC), Add	*332.06*	
		For Structural Composite Lumber Core (SCLC), Add	*199.23*	
		For >50 To 100, Deduct	*-30.53*	
		For >100, Deduct	*-44.39*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	587.56	58.26
		For 7 Ply Cold Press Construction, Deduct	*-9.42*	
		For Stave Lumber Core (SLC), Add	*353.27*	
		For Structural Composite Lumber Core (SCLC), Add	*211.96*	
		For >50 To 100, Deduct	*-32.29*	
		For >100, Deduct	*-46.98*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.29	51.27
		For 7 Ply Cold Press Construction, Deduct	*-8.15*	
		For Stave Lumber Core (SLC), Add	*305.81*	
		For Structural Composite Lumber Core (SCLC), Add	*183.48*	
		For >50 To 100, Deduct	*-28.08*	
		For >100, Deduct	*-40.84*	
		For 9' Door Height, Add	*85.63*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.29	51.27
		For 7 Ply Cold Press Construction, Deduct	*-8.15*	
		For Stave Lumber Core (SLC), Add	*305.81*	
		For Structural Composite Lumber Core (SCLC), Add	*183.48*	
		For >50 To 100, Deduct	*-28.08*	
		For >100, Deduct	*-40.84*	
		For 9' Door Height, Add	*85.63*	
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	536.43	53.60
		For 7 Ply Cold Press Construction, Deduct	*-8.58*	
		For Stave Lumber Core (SLC), Add	*321.92*	
		For Structural Composite Lumber Core (SCLC), Add	*193.15*	
		For >50 To 100, Deduct	*-29.50*	
		For >100, Deduct	*-42.91*	
		For 9' Door Height, Add	*90.14*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	557.82	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.01*	
		For Stave Lumber Core (SLC), Add	*337.97*	
		For Structural Composite Lumber Core (SCLC), Add	*202.78*	
		For >50 To 100, Deduct	*-30.57*	
		For >100, Deduct	*-44.52*	
		For 9' Door Height, Add	*94.63*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	570.87	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.27*	
		For Stave Lumber Core (SLC), Add	*347.75*	
		For Structural Composite Lumber Core (SCLC), Add	*208.65*	
		For >50 To 100, Deduct	*-31.22*	
		For >100, Deduct	*-45.50*	
		For 9' Door Height, Add	*97.37*	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	588.61	55.93
		For 7 Ply Cold Press Construction, Deduct	*-9.54*	
		For Stave Lumber Core (SLC), Add	*357.56*	
		For Structural Composite Lumber Core (SCLC), Add	*214.54*	
		For >50 To 100, Deduct	*-32.23*	
		For >100, Deduct	*-46.94*	
		For 9' Door Height, Add	*100.12*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	640.94	55.93
		For 7 Ply Cold Press Construction, Deduct	*-10.58*	
		For Stave Lumber Core (SLC), Add	*396.81*	
		For Structural Composite Lumber Core (SCLC), Add	*238.09*	
		For >50 To 100, Deduct	*-34.84*	
		For >100, Deduct	*-50.87*	
		For 9' Door Height, Add	*111.11*	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	679.41	58.26
		For 7 Ply Cold Press Construction, Deduct	*-11.26*	
		For Stave Lumber Core (SLC), Add	*422.16*	
		For Structural Composite Lumber Core (SCLC), Add	*253.30*	
		For >50 To 100, Deduct	*-36.88*	
		For >100, Deduct	*-53.87*	
		For 9' Door Height, Add	*118.20*	

08 14 16 00-0390 Lauan Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	264.73	51.27
		For >50 To 100, Deduct	*-15.80*	
		For >100, Deduct	*-22.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	264.73	51.27
		For >50 To 100, Deduct	*-15.80*	
		For >100, Deduct	*-22.42*	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	278.26	53.60
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-23.55*	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	287.20	53.60
		For >50 To 100, Deduct	*-17.04*	
		For >100, Deduct	*-24.22*	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.69	53.60
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.56*	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.88	55.93
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.36*	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.63	55.93
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-26.92*	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	342.74	58.26
		For >50 To 100, Deduct	*-20.05*	
		For >100, Deduct	*-28.62*	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	274.17	51.27
		For >50 To 100, Deduct	*-16.27*	
		For >100, Deduct	*-23.13*	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	274.17	51.27
		For >50 To 100, Deduct	*-16.27*	
		For >100, Deduct	*-23.13*	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	288.23	53.60
		For >50 To 100, Deduct	*-17.09*	
		For >100, Deduct	*-24.30*	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	297.68	53.60
		For >50 To 100, Deduct	*-17.56*	
		For >100, Deduct	*-25.01*	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.44	53.60
		For >50 To 100, Deduct	*-17.80*	
		For >100, Deduct	*-25.36*	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	311.87	55.93
		For >50 To 100, Deduct	*-18.39*	
		For >100, Deduct	*-26.19*	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	333.86	55.93
		For >50 To 100, Deduct	*-19.49*	
		For >100, Deduct	*-27.84*	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	355.90	58.26
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-29.61*	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	307.66	51.27
		For >50 To 100, Deduct	*-17.95*	
		For >100, Deduct	*-25.64*	
		For 9' Door Height, Add	*43.07*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	307.66	51.27
		For >50 To 100, Deduct	*-17.95*	
		For >100, Deduct	*-25.64*	
		For 9' Door Height, Add	*43.07*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.51	53.60
		For >50 To 100, Deduct	*-18.86*	
		For >100, Deduct	*-26.94*	
		For 9' Door Height, Add	*45.43*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	334.83	53.60
		For >50 To 100, Deduct	*-19.42*	
		For >100, Deduct	*-27.79*	
		For 9' Door Height, Add	*47.80*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	340.52	53.60
		For >50 To 100, Deduct	*-19.71*	
		For >100, Deduct	*-28.22*	
		For 9' Door Height, Add	*49.00*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	350.87	55.93
		For >50 To 100, Deduct	*-20.34*	
		For >100, Deduct	*-29.11*	
		For 9' Door Height, Add	*50.19*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	377.14	55.93
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-31.08*	
		For 9' Door Height, Add	*55.71*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	402.57	58.26
		For >50 To 100, Deduct	*-23.04*	
		For >100, Deduct	*-33.11*	
		For 9' Door Height, Add	*60.07*	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	285.70	51.27
		For Stave Lumber Core (SLC), Add	*137.36*	
		For Structural Composite Lumber Core (SCLC), Add	*82.42*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	285.70	51.27
		For Stave Lumber Core (SLC), Add	*137.36*	
		For Structural Composite Lumber Core (SCLC), Add	*82.42*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.99*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	300.99	53.60
		For Stave Lumber Core (SLC), Add	*145.34*	
		For Structural Composite Lumber Core (SCLC), Add	*87.21*	
		For >50 To 100, Deduct	*-17.73*	
		For >100, Deduct	*-25.25*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	311.60	53.60
		For Stave Lumber Core (SLC), Add	*153.30*	
		For Structural Composite Lumber Core (SCLC), Add	*91.98*	
		For >50 To 100, Deduct	*-18.26*	
		For >100, Deduct	*-26.05*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	313.54	53.60
		For Stave Lumber Core (SLC), Add	*154.76*	
		For Structural Composite Lumber Core (SCLC), Add	*92.85*	
		For >50 To 100, Deduct	*-18.36*	
		For >100, Deduct	*-26.20*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	320.18	55.93
		For Stave Lumber Core (SLC), Add	*156.24*	
		For Structural Composite Lumber Core (SCLC), Add	*93.74*	
		For >50 To 100, Deduct	*-18.81*	
		For >100, Deduct	*-26.81*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	343.17	55.93
		For Stave Lumber Core (SLC), Add	*173.48*	
		For Structural Composite Lumber Core (SCLC), Add	*104.09*	
		For >50 To 100, Deduct	*-19.96*	
		For >100, Deduct	*-28.53*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	389.73	58.26
		For Stave Lumber Core (SLC), Add	*204.90*	
		For Structural Composite Lumber Core (SCLC), Add	*122.94*	
		For >50 To 100, Deduct	*-22.40*	
		For >100, Deduct	*-32.14*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	296.36	51.27
		For Stave Lumber Core (SLC), Add	*145.36*	
		For Structural Composite Lumber Core (SCLC), Add	*87.21*	
		For >50 To 100, Deduct	*-17.38*	
		For >100, Deduct	*-24.79*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	296.38	51.27
		For Stave Lumber Core (SLC), Add	*145.37*	
		For Structural Composite Lumber Core (SCLC), Add	*87.22*	
		For >50 To 100, Deduct	*-17.38*	
		For >100, Deduct	*-24.79*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	312.27	53.60
		For Stave Lumber Core (SLC), Add	*153.80*	
		For Structural Composite Lumber Core (SCLC), Add	*92.28*	
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-26.10*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	323.49	53.60
		For Stave Lumber Core (SLC), Add	*162.22*	
		For Structural Composite Lumber Core (SCLC), Add	*97.33*	
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.94*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	325.56	53.60
		For Stave Lumber Core (SLC), Add	*163.77*	
		For Structural Composite Lumber Core (SCLC), Add	*98.26*	
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-27.10*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	332.31	55.93
		For Stave Lumber Core (SLC), Add	*165.34*	
		For Structural Composite Lumber Core (SCLC), Add	*99.20*	
		For >50 To 100, Deduct	*-19.41*	
		For >100, Deduct	*-27.72*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	356.62	55.93
		For Stave Lumber Core (SLC), Add	*183.57*	
		For Structural Composite Lumber Core (SCLC), Add	*110.14*	
		For >50 To 100, Deduct	*-20.63*	
		For >100, Deduct	*-29.54*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	405.65	58.26
		For Stave Lumber Core (SLC), Add	*216.84*	
		For Structural Composite Lumber Core (SCLC), Add	*130.10*	
		For >50 To 100, Deduct	*-23.20*	
		For >100, Deduct	*-33.34*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	334.14	51.27
		For Stave Lumber Core (SLC), Add	*173.69*	
		For Structural Composite Lumber Core (SCLC), Add	*104.22*	
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-27.62*	
		For 9' Door Height, Add	*48.63*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	334.17	51.27
		For Stave Lumber Core (SLC), Add	*173.72*	
		For Structural Composite Lumber Core (SCLC), Add	*104.23*	
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-27.63*	
		For 9' Door Height, Add	*48.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	352.26	53.60
		For Stave Lumber Core (SLC), Add	*183.80*	
		For Structural Composite Lumber Core (SCLC), Add	*110.28*	
		For >50 To 100, Deduct	*-20.29*	
		For >100, Deduct	*-29.10*	
		For 9' Door Height, Add	*51.46*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	365.66	53.60
		For Stave Lumber Core (SLC), Add	*193.85*	
		For Structural Composite Lumber Core (SCLC), Add	*116.31*	
		For >50 To 100, Deduct	*-20.96*	
		For >100, Deduct	*-30.10*	
		For 9' Door Height, Add	*54.28*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	368.13	53.60
		For Stave Lumber Core (SLC), Add	*195.70*	
		For Structural Composite Lumber Core (SCLC), Add	*117.42*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-30.29*	
		For 9' Door Height, Add	*54.80*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	375.30	55.93
		For Stave Lumber Core (SLC), Add	*197.58*	
		For Structural Composite Lumber Core (SCLC), Add	*118.55*	
		For >50 To 100, Deduct	*-21.56*	
		For >100, Deduct	*-30.94*	
		For 9' Door Height, Add	*55.32*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	404.37	55.93
		For Stave Lumber Core (SLC), Add	*219.38*	
		For Structural Composite Lumber Core (SCLC), Add	*131.63*	
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-33.12*	
		For 9' Door Height, Add	*61.43*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	462.04	58.26
		For Stave Lumber Core (SLC), Add	*259.13*	
		For Structural Composite Lumber Core (SCLC), Add	*155.48*	
		For >50 To 100, Deduct	*-26.02*	
		For >100, Deduct	*-37.57*	
		For 9' Door Height, Add	*72.56*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	367.62	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.30*	
		For Stave Lumber Core (SLC), Add	*198.80*	
		For Structural Composite Lumber Core (SCLC), Add	*119.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*318.08*	
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-30.14*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	367.62	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.30*	
		For Stave Lumber Core (SLC), Add	*198.80*	
		For Structural Composite Lumber Core (SCLC), Add	*119.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*318.08*	
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-30.14*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	358.31	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.02*	
		For Stave Lumber Core (SLC), Add	*188.33*	
		For Structural Composite Lumber Core (SCLC), Add	*113.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*188.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*301.33*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-29.55*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	368.77	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.23*	
		For Stave Lumber Core (SLC), Add	*196.18*	
		For Structural Composite Lumber Core (SCLC), Add	*117.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*313.88*	
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	375.77	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.43*	
		For Structural Composite Lumber Core (SCLC), Add	*120.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*145.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*201.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*322.28*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.86*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	387.40	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.66*	
		For Structural Composite Lumber Core (SCLC), Add	*123.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*148.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*206.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*330.65*	
		For >50 To 100, Deduct	*-22.17*	
		For >100, Deduct	*-31.85*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	417.70	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.12*	
		For Stave Lumber Core (SLC), Add	*229.38*	
		For Structural Composite Lumber Core (SCLC), Add	*137.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*165.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*229.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*367.01*	
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-34.12*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	487.85	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.43*	
		For Stave Lumber Core (SLC), Add	*278.49*	
		For Structural Composite Lumber Core (SCLC), Add	*167.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*200.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*278.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*445.58*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-39.50*	
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	506.41	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.80*	
		For Stave Lumber Core (SLC), Add	*292.41*	
		For Structural Composite Lumber Core (SCLC), Add	*175.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*292.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*467.86*	
		For >50 To 100, Deduct	*-28.23*	
		For >100, Deduct	*-40.89*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	552.86	62.93
		For 7 Ply Cold Press Construction, Deduct	*-8.54*	
		For Stave Lumber Core (SLC), Add	*320.26*	
		For Structural Composite Lumber Core (SCLC), Add	*192.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*320.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*512.41*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.61*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	355.08	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.05*	
		For Stave Lumber Core (SLC), Add	*189.40*	
		For Structural Composite Lumber Core (SCLC), Add	*113.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.04*	
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-29.19*	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	355.08	51.27
		For 7 Ply Cold Press Construction, Deduct	*-5.05*	
		For Stave Lumber Core (SLC), Add	*189.40*	
		For Structural Composite Lumber Core (SCLC), Add	*113.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.04*	
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-29.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	372.93	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.31*	
		For Stave Lumber Core (SLC), Add	*199.30*	
		For Structural Composite Lumber Core (SCLC), Add	*119.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*199.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*318.88*	
		For >50 To 100, Deduct	*-21.33*	
		For >100, Deduct	*-30.65*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	384.00	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.60*	
		For Structural Composite Lumber Core (SCLC), Add	*124.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*149.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*207.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*332.16*	
		For >50 To 100, Deduct	*-21.88*	
		For >100, Deduct	*-31.48*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	391.40	53.60
		For 7 Ply Cold Press Construction, Deduct	*-5.68*	
		For Stave Lumber Core (SLC), Add	*213.15*	
		For Structural Composite Lumber Core (SCLC), Add	*127.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*153.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*213.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*341.04*	
		For >50 To 100, Deduct	*-22.25*	
		For >100, Deduct	*-32.04*	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	403.42	55.93
		For 7 Ply Cold Press Construction, Deduct	*-5.83*	
		For Stave Lumber Core (SLC), Add	*218.67*	
		For Structural Composite Lumber Core (SCLC), Add	*131.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*349.87*	
		For >50 To 100, Deduct	*-22.97*	
		For >100, Deduct	*-33.05*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	435.50	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.47*	
		For Stave Lumber Core (SLC), Add	*242.73*	
		For Structural Composite Lumber Core (SCLC), Add	*145.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*174.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*242.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*388.37*	
		For >50 To 100, Deduct	*-24.57*	
		For >100, Deduct	*-35.46*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	509.47	58.26
		For 7 Ply Cold Press Construction, Deduct	*-7.86*	
		For Stave Lumber Core (SLC), Add	*294.71*	
		For Structural Composite Lumber Core (SCLC), Add	*176.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.53*	
		For >50 To 100, Deduct	*-28.39*	
		For >100, Deduct	*-41.12*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	529.11	58.26
		For 7 Ply Cold Press Construction, Deduct	*-8.25*	
		For Stave Lumber Core (SLC), Add	*309.44*	
		For Structural Composite Lumber Core (SCLC), Add	*185.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*309.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*495.10*	
		For >50 To 100, Deduct	*-29.37*	
		For >100, Deduct	*-42.60*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	577.71	62.93
		For 7 Ply Cold Press Construction, Deduct	*-9.04*	
		For Stave Lumber Core (SLC), Add	*338.90*	
		For Structural Composite Lumber Core (SCLC), Add	*203.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*244.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*338.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*542.23*	
		For >50 To 100, Deduct	*-32.03*	
		For >100, Deduct	*-46.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.73	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.39*	
		For Structural Composite Lumber Core (SCLC), Add	*150.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*402.22*	
		For >50 To 100, Deduct	*-24.45*	
		For >100, Deduct	*-35.39*	
		For 9' Door Height, Add	*70.39*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.73	51.27
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.39*	
		For Structural Composite Lumber Core (SCLC), Add	*150.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*402.22*	
		For >50 To 100, Deduct	*-24.45*	
		For >100, Deduct	*-35.39*	
		For 9' Door Height, Add	*70.39*	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	424.74	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.35*	
		For Stave Lumber Core (SLC), Add	*238.16*	
		For Structural Composite Lumber Core (SCLC), Add	*142.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*381.05*	
		For >50 To 100, Deduct	*-23.92*	
		For >100, Deduct	*-34.54*	
		For 9' Door Height, Add	*66.68*	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.96	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.62*	
		For Stave Lumber Core (SLC), Add	*248.07*	
		For Structural Composite Lumber Core (SCLC), Add	*148.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*396.91*	
		For >50 To 100, Deduct	*-24.58*	
		For >100, Deduct	*-35.53*	
		For 9' Door Height, Add	*69.46*	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	446.80	53.60
		For 7 Ply Cold Press Construction, Deduct	*-6.79*	
		For Stave Lumber Core (SLC), Add	*254.70*	
		For Structural Composite Lumber Core (SCLC), Add	*152.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*183.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*254.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*407.52*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-36.19*	
		For 9' Door Height, Add	*71.32*	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	460.27	55.93
		For 7 Ply Cold Press Construction, Deduct	*-6.97*	
		For Stave Lumber Core (SLC), Add	*261.31*	
		For Structural Composite Lumber Core (SCLC), Add	*156.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*418.09*	
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-37.32*	
		For 9' Door Height, Add	*73.17*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	498.59	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.73*	
		For Stave Lumber Core (SLC), Add	*290.05*	
		For Structural Composite Lumber Core (SCLC), Add	*174.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*290.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*464.08*	
		For >50 To 100, Deduct	*-27.73*	
		For >100, Deduct	*-40.19*	
		For 9' Door Height, Add	*81.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	586.07	58.26
		For 7 Ply Cold Press Construction, Deduct	*-9.39*	
		For Stave Lumber Core (SLC), Add	*352.16*	
		For Structural Composite Lumber Core (SCLC), Add	*211.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*352.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*563.45*	
		For >50 To 100, Deduct	*-32.22*	
		For >100, Deduct	*-46.87*	
		For 9' Door Height, Add	*98.60*	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	609.55	58.26
		For 7 Ply Cold Press Construction, Deduct	*-9.86*	
		For Stave Lumber Core (SLC), Add	*369.77*	
		For Structural Composite Lumber Core (SCLC), Add	*221.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*266.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*369.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*591.62*	
		For >50 To 100, Deduct	*-33.39*	
		For >100, Deduct	*-48.63*	
		For 9' Door Height, Add	*103.53*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	665.82	62.93
		For 7 Ply Cold Press Construction, Deduct	*-10.80*	
		For Stave Lumber Core (SLC), Add	*404.98*	
		For Structural Composite Lumber Core (SCLC), Add	*242.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*291.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*404.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*647.96*	
		For >50 To 100, Deduct	*-36.44*	
		For >100, Deduct	*-53.08*	
		For 9' Door Height, Add	*113.39*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	460.57	51.27
		For 7 Ply Cold Press Construction, Deduct	*-7.16*	
		For Stave Lumber Core (SLC), Add	*268.52*	
		For Structural Composite Lumber Core (SCLC), Add	*161.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.96*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.62*	
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-37.11*	
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	460.57	51.27
		For 7 Ply Cold Press Construction, Deduct	*-7.16*	
		For Stave Lumber Core (SLC), Add	*268.52*	
		For Structural Composite Lumber Core (SCLC), Add	*161.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.96*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.62*	
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-37.11*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	465.22	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.16*	
		For Stave Lumber Core (SLC), Add	*268.52*	
		For Structural Composite Lumber Core (SCLC), Add	*161.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.96*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.62*	
		For >50 To 100, Deduct	*-25.94*	
		For >100, Deduct	*-37.57*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	468.90	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.23*	
		For Stave Lumber Core (SLC), Add	*271.28*	
		For Structural Composite Lumber Core (SCLC), Add	*162.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*271.28*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*434.04*	
		For >50 To 100, Deduct	*-26.13*	
		For >100, Deduct	*-37.85*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	470.56	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.27*	
		For Stave Lumber Core (SLC), Add	*272.52*	
		For Structural Composite Lumber Core (SCLC), Add	*163.51*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*196.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*272.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*436.03*	
		For >50 To 100, Deduct	*-26.21*	
		For >100, Deduct	*-37.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	476.89	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.30*	
		For Stave Lumber Core (SLC), Add	*273.77*	
		For Structural Composite Lumber Core (SCLC), Add	*164.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*438.04*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-38.56*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	516.98	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.10*	
		For Stave Lumber Core (SLC), Add	*303.84*	
		For Structural Composite Lumber Core (SCLC), Add	*182.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*218.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*303.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*486.14*	
		For >50 To 100, Deduct	*-28.65*	
		For >100, Deduct	*-41.57*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	624.89	58.26
		For 7 Ply Cold Press Construction, Deduct	*-10.17*	
		For Stave Lumber Core (SLC), Add	*381.27*	
		For Structural Composite Lumber Core (SCLC), Add	*228.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*274.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*381.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*610.03*	
		For >50 To 100, Deduct	*-34.16*	
		For >100, Deduct	*-49.78*	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	650.67	58.26
		For 7 Ply Cold Press Construction, Deduct	*-10.68*	
		For Stave Lumber Core (SLC), Add	*400.61*	
		For Structural Composite Lumber Core (SCLC), Add	*240.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*288.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*400.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*640.97*	
		For >50 To 100, Deduct	*-35.45*	
		For >100, Deduct	*-51.71*	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	710.48	62.93
		For 7 Ply Cold Press Construction, Deduct	*-11.69*	
		For Stave Lumber Core (SLC), Add	*438.47*	
		For Structural Composite Lumber Core (SCLC), Add	*263.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*315.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*438.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*701.56*	
		For >50 To 100, Deduct	*-38.67*	
		For >100, Deduct	*-56.43*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	481.40	51.27
		For 7 Ply Cold Press Construction, Deduct	*-7.58*	
		For Stave Lumber Core (SLC), Add	*284.14*	
		For Structural Composite Lumber Core (SCLC), Add	*170.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*204.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*284.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*454.62*	
		For >50 To 100, Deduct	*-26.63*	
		For >100, Deduct	*-38.67*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	481.40	51.27
		For 7 Ply Cold Press Construction, Deduct	*-7.58*	
		For Stave Lumber Core (SLC), Add	*284.14*	
		For Structural Composite Lumber Core (SCLC), Add	*170.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*204.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*284.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*454.62*	
		For >50 To 100, Deduct	*-26.63*	
		For >100, Deduct	*-38.67*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	486.05	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.58*	
		For Stave Lumber Core (SLC), Add	*284.14*	
		For Structural Composite Lumber Core (SCLC), Add	*170.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*204.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*284.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*454.62*	
		For >50 To 100, Deduct	*-26.98*	
		For >100, Deduct	*-39.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	489.94	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.65*	
		For Stave Lumber Core (SLC), Add	*287.06*	
		For Structural Composite Lumber Core (SCLC), Add	*172.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*206.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*459.29*	
		For >50 To 100, Deduct	*-27.18*	
		For >100, Deduct	*-39.43*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	491.71	53.60
		For 7 Ply Cold Press Construction, Deduct	*-7.69*	
		For Stave Lumber Core (SLC), Add	*288.38*	
		For Structural Composite Lumber Core (SCLC), Add	*173.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*461.41*	
		For >50 To 100, Deduct	*-27.27*	
		For >100, Deduct	*-39.56*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	498.14	55.93
		For 7 Ply Cold Press Construction, Deduct	*-7.73*	
		For Stave Lumber Core (SLC), Add	*289.71*	
		For Structural Composite Lumber Core (SCLC), Add	*173.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*463.54*	
		For >50 To 100, Deduct	*-27.70*	
		For >100, Deduct	*-40.16*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	540.56	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.57*	
		For Stave Lumber Core (SLC), Add	*321.53*	
		For Structural Composite Lumber Core (SCLC), Add	*192.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*321.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*514.44*	
		For >50 To 100, Deduct	*-29.82*	
		For >100, Deduct	*-43.34*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	654.49	58.26
		For 7 Ply Cold Press Construction, Deduct	*-10.76*	
		For Stave Lumber Core (SLC), Add	*403.47*	
		For Structural Composite Lumber Core (SCLC), Add	*242.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*290.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*403.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*645.55*	
		For >50 To 100, Deduct	*-35.64*	
		For >100, Deduct	*-52.00*	
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	681.75	58.26
		For 7 Ply Cold Press Construction, Deduct	*-11.30*	
		For Stave Lumber Core (SLC), Add	*423.92*	
		For Structural Composite Lumber Core (SCLC), Add	*254.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*305.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*423.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*678.26*	
		For >50 To 100, Deduct	*-37.00*	
		For >100, Deduct	*-54.04*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	744.49	62.93
		For 7 Ply Cold Press Construction, Deduct	*-12.37*	
		For Stave Lumber Core (SLC), Add	*463.98*	
		For Structural Composite Lumber Core (SCLC), Add	*278.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*334.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*463.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*742.37*	
		For >50 To 100, Deduct	*-40.37*	
		For >100, Deduct	*-58.98*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	555.26	51.27
		For 7 Ply Cold Press Construction, Deduct	*-9.05*	
		For Stave Lumber Core (SLC), Add	*339.53*	
		For Structural Composite Lumber Core (SCLC), Add	*203.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*244.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*339.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*543.25*	
		For >50 To 100, Deduct	*-30.33*	
		For >100, Deduct	*-44.21*	
		For 9' Door Height, Add	*95.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	555.26	51.27
		For 7 Ply Cold Press Construction, Deduct	*-9.05*	
		For Stave Lumber Core (SLC), Add	*339.53*	
		For Structural Composite Lumber Core (SCLC), Add	*203.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*244.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*339.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*543.25*	
		For >50 To 100, Deduct	*-30.33*	
		For >100, Deduct	*-44.21*	
		For 9' Door Height, Add	*95.07*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	559.91	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.05*	
		For Stave Lumber Core (SLC), Add	*339.53*	
		For Structural Composite Lumber Core (SCLC), Add	*203.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*244.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*339.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*543.25*	
		For >50 To 100, Deduct	*-30.68*	
		For >100, Deduct	*-44.67*	
		For 9' Door Height, Add	*95.07*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	564.58	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.15*	
		For Stave Lumber Core (SLC), Add	*343.04*	
		For Structural Composite Lumber Core (SCLC), Add	*205.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*246.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*343.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*548.86*	
		For >50 To 100, Deduct	*-30.91*	
		For >100, Deduct	*-45.02*	
		For 9' Door Height, Add	*96.05*	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	566.70	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.19*	
		For Stave Lumber Core (SLC), Add	*344.63*	
		For Structural Composite Lumber Core (SCLC), Add	*206.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*248.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*344.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*551.40*	
		For >50 To 100, Deduct	*-31.02*	
		For >100, Deduct	*-45.18*	
		For 9' Door Height, Add	*96.50*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	573.45	55.93
		For 7 Ply Cold Press Construction, Deduct	*-9.23*	
		For Stave Lumber Core (SLC), Add	*346.19*	
		For Structural Composite Lumber Core (SCLC), Add	*207.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*346.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.91*	
		For >50 To 100, Deduct	*-31.47*	
		For >100, Deduct	*-45.81*	
		For 9' Door Height, Add	*96.93*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	624.15	55.93
		For 7 Ply Cold Press Construction, Deduct	*-10.25*	
		For Stave Lumber Core (SLC), Add	*384.22*	
		For Structural Composite Lumber Core (SCLC), Add	*230.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*276.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*384.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*614.75*	
		For >50 To 100, Deduct	*-34.00*	
		For >100, Deduct	*-49.61*	
		For 9' Door Height, Add	*107.58*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	759.39	58.26
		For 7 Ply Cold Press Construction, Deduct	*-12.86*	
		For Stave Lumber Core (SLC), Add	*482.15*	
		For Structural Composite Lumber Core (SCLC), Add	*289.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*77.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*347.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*482.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*771.43*	
		For >50 To 100, Deduct	*-40.88*	
		For >100, Deduct	*-59.87*	
		For 9' Door Height, Add	*135.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	791.95	58.26
		For 7 Ply Cold Press Construction, Deduct	*-13.51*	
		For Stave Lumber Core (SLC), Add	*506.57*	
		For Structural Composite Lumber Core (SCLC), Add	*303.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.05*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*364.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*506.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*810.50*	
		For >50 To 100, Deduct	*-42.51*	
		For >100, Deduct	*-62.31*	
		For 9' Door Height, Add	*141.84*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	865.13	62.93
		For 7 Ply Cold Press Construction, Deduct	*-14.79*	
		For Stave Lumber Core (SLC), Add	*554.46*	
		For Structural Composite Lumber Core (SCLC), Add	*332.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*399.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*554.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*887.14*	
		For >50 To 100, Deduct	*-46.40*	
		For >100, Deduct	*-68.03*	
		For 9' Door Height, Add	*155.25*	

08 14 16 00-0503 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-8.59*	
		For Stave Lumber Core (SLC), Add	*322.22*	
		For Structural Composite Lumber Core (SCLC), Add	*193.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*322.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*515.54*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-42.48*	
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-8.59*	
		For Stave Lumber Core (SLC), Add	*322.22*	
		For Structural Composite Lumber Core (SCLC), Add	*193.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*322.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*515.54*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-42.48*	
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	536.82	53.60
		For 7 Ply Cold Press Construction, Deduct	*-8.59*	
		For Stave Lumber Core (SLC), Add	*322.22*	
		For Structural Composite Lumber Core (SCLC), Add	*193.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*322.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*515.54*	
		For >50 To 100, Deduct	*-29.52*	
		For >100, Deduct	*-42.94*	
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	541.24	53.60
		For 7 Ply Cold Press Construction, Deduct	*-8.68*	
		For Stave Lumber Core (SLC), Add	*325.53*	
		For Structural Composite Lumber Core (SCLC), Add	*195.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*234.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*325.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*520.85*	
		For >50 To 100, Deduct	*-29.74*	
		For >100, Deduct	*-43.27*	
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	543.22	53.60
		For 7 Ply Cold Press Construction, Deduct	*-8.72*	
		For Stave Lumber Core (SLC), Add	*327.02*	
		For Structural Composite Lumber Core (SCLC), Add	*196.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*235.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*327.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*523.22*	
		For >50 To 100, Deduct	*-29.84*	
		For >100, Deduct	*-43.42*	
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	549.90	55.93
		For 7 Ply Cold Press Construction, Deduct	*-8.76*	
		For Stave Lumber Core (SLC), Add	*328.53*	
		For Structural Composite Lumber Core (SCLC), Add	*197.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*525.65*	
		For >50 To 100, Deduct	*-30.29*	
		For >100, Deduct	*-44.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	598.02	55.93
		For 7 Ply Cold Press Construction, Deduct	*-9.72*	
		For Stave Lumber Core (SLC), Add	*364.62*	
		For Structural Composite Lumber Core (SCLC), Add	*218.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.39*	
		For >50 To 100, Deduct	*-32.70*	
		For >100, Deduct	*-47.65*	
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	696.07	58.26
		For 7 Ply Cold Press Construction, Deduct	*-11.59*	
		For Stave Lumber Core (SLC), Add	*434.66*	
		For Structural Composite Lumber Core (SCLC), Add	*260.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*312.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*434.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*695.45*	
		For >50 To 100, Deduct	*-37.72*	
		For >100, Deduct	*-55.12*	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	757.06	58.26
		For 7 Ply Cold Press Construction, Deduct	*-12.81*	
		For Stave Lumber Core (SLC), Add	*480.40*	
		For Structural Composite Lumber Core (SCLC), Add	*288.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*345.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.64*	
		For >50 To 100, Deduct	*-40.77*	
		For >100, Deduct	*-59.69*	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	818.12	58.26
		For 7 Ply Cold Press Construction, Deduct	*-14.03*	
		For Stave Lumber Core (SLC), Add	*526.19*	
		For Structural Composite Lumber Core (SCLC), Add	*315.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*378.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*526.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*841.91*	
		For >50 To 100, Deduct	*-43.82*	
		For >100, Deduct	*-64.27*	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	557.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-9.09*	
		For Stave Lumber Core (SLC), Add	*340.97*	
		For Structural Composite Lumber Core (SCLC), Add	*204.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*545.54*	
		For >50 To 100, Deduct	*-30.42*	
		For >100, Deduct	*-44.35*	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	557.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-9.09*	
		For Stave Lumber Core (SLC), Add	*340.97*	
		For Structural Composite Lumber Core (SCLC), Add	*204.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*545.54*	
		For >50 To 100, Deduct	*-30.42*	
		For >100, Deduct	*-44.35*	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	561.82	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.09*	
		For Stave Lumber Core (SLC), Add	*340.97*	
		For Structural Composite Lumber Core (SCLC), Add	*204.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*545.54*	
		For >50 To 100, Deduct	*-30.77*	
		For >100, Deduct	*-44.82*	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	566.49	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.19*	
		For Stave Lumber Core (SLC), Add	*344.47*	
		For Structural Composite Lumber Core (SCLC), Add	*206.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*248.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*344.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*551.15*	
		For >50 To 100, Deduct	*-31.00*	
		For >100, Deduct	*-45.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	568.61	53.60
		For 7 Ply Cold Press Construction, Deduct	*-9.23*	
		For Stave Lumber Core (SLC), Add	*346.06*	
		For Structural Composite Lumber Core (SCLC), Add	*207.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*346.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.69*	
		For >50 To 100, Deduct	*-31.11*	
		For >100, Deduct	*-45.33*	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	575.39	55.93
		For 7 Ply Cold Press Construction, Deduct	*-9.27*	
		For Stave Lumber Core (SLC), Add	*347.65*	
		For Structural Composite Lumber Core (SCLC), Add	*208.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*250.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*347.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*556.24*	
		For >50 To 100, Deduct	*-31.57*	
		For >100, Deduct	*-45.95*	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	626.30	55.93
		For 7 Ply Cold Press Construction, Deduct	*-10.29*	
		For Stave Lumber Core (SLC), Add	*385.83*	
		For Structural Composite Lumber Core (SCLC), Add	*231.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*277.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*385.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*617.33*	
		For >50 To 100, Deduct	*-34.11*	
		For >100, Deduct	*-49.77*	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	729.80	58.26
		For 7 Ply Cold Press Construction, Deduct	*-12.27*	
		For Stave Lumber Core (SLC), Add	*459.95*	
		For Structural Composite Lumber Core (SCLC), Add	*275.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*331.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*459.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*735.92*	
		For >50 To 100, Deduct	*-39.40*	
		For >100, Deduct	*-57.65*	
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	794.36	58.26
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.37*	
		For Structural Composite Lumber Core (SCLC), Add	*305.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.40*	
		For >50 To 100, Deduct	*-42.63*	
		For >100, Deduct	*-62.49*	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	858.96	58.26
		For 7 Ply Cold Press Construction, Deduct	*-14.85*	
		For Stave Lumber Core (SLC), Add	*556.82*	
		For Structural Composite Lumber Core (SCLC), Add	*334.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*89.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*400.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*556.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*890.92*	
		For >50 To 100, Deduct	*-45.86*	
		For >100, Deduct	*-67.34*	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	645.81	51.27
		For 7 Ply Cold Press Construction, Deduct	*-10.87*	
		For Stave Lumber Core (SLC), Add	*407.45*	
		For Structural Composite Lumber Core (SCLC), Add	*244.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*293.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*407.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*651.91*	
		For >50 To 100, Deduct	*-34.85*	
		For >100, Deduct	*-51.00*	
		For 9' Door Height, Add	*114.08*	
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	645.81	51.27
		For 7 Ply Cold Press Construction, Deduct	*-10.87*	
		For Stave Lumber Core (SLC), Add	*407.45*	
		For Structural Composite Lumber Core (SCLC), Add	*244.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*293.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*407.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*651.91*	
		For >50 To 100, Deduct	*-34.85*	
		For >100, Deduct	*-51.00*	
		For 9' Door Height, Add	*114.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	650.46	53.60
		For 7 Ply Cold Press Construction, Deduct	*-10.87*	
		For Stave Lumber Core (SLC), Add	*407.45*	
		For Structural Composite Lumber Core (SCLC), Add	*244.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*293.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*407.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*651.91*	
		For >50 To 100, Deduct	*-35.20*	
		For >100, Deduct	*-51.46*	
		For 9' Door Height, Add	*114.08*	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	656.05	53.60
		For 7 Ply Cold Press Construction, Deduct	*-10.98*	
		For Stave Lumber Core (SLC), Add	*411.64*	
		For Structural Composite Lumber Core (SCLC), Add	*246.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*296.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*411.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*658.62*	
		For >50 To 100, Deduct	*-35.48*	
		For >100, Deduct	*-51.88*	
		For 9' Door Height, Add	*115.26*	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	658.59	53.60
		For 7 Ply Cold Press Construction, Deduct	*-11.03*	
		For Stave Lumber Core (SLC), Add	*413.54*	
		For Structural Composite Lumber Core (SCLC), Add	*248.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*297.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*413.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*661.67*	
		For >50 To 100, Deduct	*-35.61*	
		For >100, Deduct	*-52.07*	
		For 9' Door Height, Add	*115.79*	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	665.76	55.93
		For 7 Ply Cold Press Construction, Deduct	*-11.08*	
		For Stave Lumber Core (SLC), Add	*415.43*	
		For Structural Composite Lumber Core (SCLC), Add	*249.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*299.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*415.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*664.68*	
		For >50 To 100, Deduct	*-36.08*	
		For >100, Deduct	*-52.73*	
		For 9' Door Height, Add	*116.32*	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	726.61	55.93
		For 7 Ply Cold Press Construction, Deduct	*-12.30*	
		For Stave Lumber Core (SLC), Add	*461.06*	
		For Structural Composite Lumber Core (SCLC), Add	*276.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*331.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*461.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*737.70*	
		For >50 To 100, Deduct	*-39.13*	
		For >100, Deduct	*-57.29*	
		For 9' Door Height, Add	*129.10*	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	849.37	58.26
		For 7 Ply Cold Press Construction, Deduct	*-14.66*	
		For Stave Lumber Core (SLC), Add	*549.63*	
		For Structural Composite Lumber Core (SCLC), Add	*329.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*87.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*395.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*549.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*879.41*	
		For >50 To 100, Deduct	*-45.38*	
		For >100, Deduct	*-66.62*	
		For 9' Door Height, Add	*153.90*	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	926.52	58.26
		For 7 Ply Cold Press Construction, Deduct	*-16.20*	
		For Stave Lumber Core (SLC), Add	*607.49*	
		For Structural Composite Lumber Core (SCLC), Add	*364.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*971.99*	
		For >50 To 100, Deduct	*-49.24*	
		For >100, Deduct	*-72.40*	
		For 9' Door Height, Add	*170.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	1,003.71	58.26
		For 7 Ply Cold Press Construction, Deduct	*-17.74*	
		For Stave Lumber Core (SLC), Add	*665.39*	
		For Structural Composite Lumber Core (SCLC), Add	*399.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*106.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*479.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*665.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,064.62*	
		For >50 To 100, Deduct	*-53.10*	
		For >100, Deduct	*-78.19*	
		For 9' Door Height, Add	*186.31*	
08 14 16 00-0534		**Walnut Faced Wood Doors** *(08 14 16 00-0440)*		
08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	651.86	51.27
		For 7 Ply Cold Press Construction, Deduct	*-10.99*	
		For Stave Lumber Core (SLC), Add	*411.98*	
		For Structural Composite Lumber Core (SCLC), Add	*247.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*296.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*411.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*659.17*	
		For >50 To 100, Deduct	*-35.16*	
		For >100, Deduct	*-51.45*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	651.86	51.27
		For 7 Ply Cold Press Construction, Deduct	*-10.99*	
		For Stave Lumber Core (SLC), Add	*411.98*	
		For Structural Composite Lumber Core (SCLC), Add	*247.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*296.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*411.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*659.17*	
		For >50 To 100, Deduct	*-35.16*	
		For >100, Deduct	*-51.45*	
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	656.68	53.60
		For 7 Ply Cold Press Construction, Deduct	*-10.99*	
		For Stave Lumber Core (SLC), Add	*412.11*	
		For Structural Composite Lumber Core (SCLC), Add	*247.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*296.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*412.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*659.38*	
		For >50 To 100, Deduct	*-35.51*	
		For >100, Deduct	*-51.93*	
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	662.34	53.60
		For 7 Ply Cold Press Construction, Deduct	*-11.10*	
		For Stave Lumber Core (SLC), Add	*416.36*	
		For Structural Composite Lumber Core (SCLC), Add	*249.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*299.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*416.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*666.17*	
		For >50 To 100, Deduct	*-35.80*	
		For >100, Deduct	*-52.36*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	677.15	53.60
		For 7 Ply Cold Press Construction, Deduct	*-11.40*	
		For Stave Lumber Core (SLC), Add	*427.46*	
		For Structural Composite Lumber Core (SCLC), Add	*256.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*307.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*427.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*683.94*	
		For >50 To 100, Deduct	*-36.54*	
		For >100, Deduct	*-53.47*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	696.59	55.93
		For 7 Ply Cold Press Construction, Deduct	*-11.69*	
		For Stave Lumber Core (SLC), Add	*438.55*	
		For Structural Composite Lumber Core (SCLC), Add	*263.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*315.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*438.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*701.68*	
		For >50 To 100, Deduct	*-37.63*	
		For >100, Deduct	*-55.04*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	734.99	55.93
		For 7 Ply Cold Press Construction, Deduct	*-12.46*	
		For Stave Lumber Core (SLC), Add	*467.35*	
		For Structural Composite Lumber Core (SCLC), Add	*280.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*336.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*467.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*747.76*	
		For >50 To 100, Deduct	*-39.55*	
		For >100, Deduct	*-57.92*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	901.74	58.26
		For 7 Ply Cold Press Construction, Deduct	*-15.70*	
		For Stave Lumber Core (SLC), Add	*588.91*	
		For Structural Composite Lumber Core (SCLC), Add	*353.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*424.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*588.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*942.25*	
		For >50 To 100, Deduct	*-48.00*	
		For >100, Deduct	*-70.54*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	940.98	58.26
		For 7 Ply Cold Press Construction, Deduct	*-16.49*	
		For Stave Lumber Core (SLC), Add	*618.34*	
		For Structural Composite Lumber Core (SCLC), Add	*371.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*98.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*445.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*618.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*989.34*	
		For >50 To 100, Deduct	*-49.96*	
		For >100, Deduct	*-73.49*	
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,019.55	58.26
		For 7 Ply Cold Press Construction, Deduct	*-18.06*	
		For Stave Lumber Core (SLC), Add	*677.27*	
		For Structural Composite Lumber Core (SCLC), Add	*406.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*108.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*487.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*677.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,083.62*	
		For >50 To 100, Deduct	*-53.89*	
		For >100, Deduct	*-79.38*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	683.82	51.27
		For 7 Ply Cold Press Construction, Deduct	*-11.63*	
		For Stave Lumber Core (SLC), Add	*435.95*	
		For Structural Composite Lumber Core (SCLC), Add	*261.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*313.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*435.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*697.52*	
		For >50 To 100, Deduct	*-36.75*	
		For >100, Deduct	*-53.85*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	683.82	51.27
		For 7 Ply Cold Press Construction, Deduct	*-11.63*	
		For Stave Lumber Core (SLC), Add	*435.95*	
		For Structural Composite Lumber Core (SCLC), Add	*261.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*313.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*435.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*697.52*	
		For >50 To 100, Deduct	*-36.75*	
		For >100, Deduct	*-53.85*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	688.65	53.60
		For 7 Ply Cold Press Construction, Deduct	*-11.63*	
		For Stave Lumber Core (SLC), Add	*436.09*	
		For Structural Composite Lumber Core (SCLC), Add	*261.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*313.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*436.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*697.74*	
		For >50 To 100, Deduct	*-37.11*	
		For >100, Deduct	*-54.33*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	694.66	53.60
		For 7 Ply Cold Press Construction, Deduct	*-11.75*	
		For Stave Lumber Core (SLC), Add	*440.60*	
		For Structural Composite Lumber Core (SCLC), Add	*264.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*317.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*440.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*704.95*	
		For >50 To 100, Deduct	*-37.41*	
		For >100, Deduct	*-54.78*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	710.32	53.60
		For 7 Ply Cold Press Construction, Deduct	*-12.06*	
		For Stave Lumber Core (SLC), Add	*452.34*	
		For Structural Composite Lumber Core (SCLC), Add	*271.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*452.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*723.74*	
		For >50 To 100, Deduct	*-38.20*	
		For >100, Deduct	*-55.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	730.61	55.93
		For 7 Ply Cold Press Construction, Deduct	*-12.38*	
		For Stave Lumber Core (SLC), Add	*464.06*	
		For Structural Composite Lumber Core (SCLC), Add	*278.44*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*334.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*464.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*742.50*	
		For >50 To 100, Deduct	*-39.33*	
		For >100, Deduct	*-57.59*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	771.27	55.93
		For 7 Ply Cold Press Construction, Deduct	*-13.19*	
		For Stave Lumber Core (SLC), Add	*494.56*	
		For Structural Composite Lumber Core (SCLC), Add	*296.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*356.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*494.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*791.29*	
		For >50 To 100, Deduct	*-41.36*	
		For >100, Deduct	*-60.64*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	947.42	58.26
		For 7 Ply Cold Press Construction, Deduct	*-16.62*	
		For Stave Lumber Core (SLC), Add	*623.17*	
		For Structural Composite Lumber Core (SCLC), Add	*373.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*99.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*448.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*623.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*997.07*	
		For >50 To 100, Deduct	*-50.28*	
		For >100, Deduct	*-73.97*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	988.96	58.26
		For 7 Ply Cold Press Construction, Deduct	*-17.45*	
		For Stave Lumber Core (SLC), Add	*654.32*	
		For Structural Composite Lumber Core (SCLC), Add	*392.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*104.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*471.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*654.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,046.92*	
		For >50 To 100, Deduct	*-52.36*	
		For >100, Deduct	*-77.09*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,072.09	58.26
		For 7 Ply Cold Press Construction, Deduct	*-19.11*	
		For Stave Lumber Core (SLC), Add	*716.67*	
		For Structural Composite Lumber Core (SCLC), Add	*430.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*114.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*516.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*716.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,146.67*	
		For >50 To 100, Deduct	*-56.52*	
		For >100, Deduct	*-83.32*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	797.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-13.89*	
		For Stave Lumber Core (SLC), Add	*520.97*	
		For Structural Composite Lumber Core (SCLC), Add	*312.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*83.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*375.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*520.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*833.54*	
		For >50 To 100, Deduct	*-42.42*	
		For >100, Deduct	*-62.35*	
		For 9' Door Height, Add	*145.87*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	797.17	51.27
		For 7 Ply Cold Press Construction, Deduct	*-13.89*	
		For Stave Lumber Core (SLC), Add	*520.97*	
		For Structural Composite Lumber Core (SCLC), Add	*312.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*83.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*375.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*520.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*833.54*	
		For >50 To 100, Deduct	*-42.42*	
		For >100, Deduct	*-62.35*	
		For 9' Door Height, Add	*145.87*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	802.04	53.60
		For 7 Ply Cold Press Construction, Deduct	*-13.90*	
		For Stave Lumber Core (SLC), Add	*521.13*	
		For Structural Composite Lumber Core (SCLC), Add	*312.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*83.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*375.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*521.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*833.81*	
		For >50 To 100, Deduct	*-42.78*	
		For >100, Deduct	*-62.83*	
		For 9' Door Height, Add	*145.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	809.21	53.60
		For 7 Ply Cold Press Construction, Deduct	*-14.04*	
		For Stave Lumber Core (SLC), Add	*526.51*	
		For Structural Composite Lumber Core (SCLC), Add	*315.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*379.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*526.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*842.41*	
		For >50 To 100, Deduct	*-43.14*	
		For >100, Deduct	*-63.37*	
		For 9' Door Height, Add	*147.42*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	827.92	53.60
		For 7 Ply Cold Press Construction, Deduct	*-14.41*	
		For Stave Lumber Core (SLC), Add	*540.54*	
		For Structural Composite Lumber Core (SCLC), Add	*324.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*86.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*389.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*540.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*864.86*	
		For >50 To 100, Deduct	*-44.08*	
		For >100, Deduct	*-64.77*	
		For 9' Door Height, Add	*151.35*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	851.28	55.93
		For 7 Ply Cold Press Construction, Deduct	*-14.79*	
		For Stave Lumber Core (SLC), Add	*554.57*	
		For Structural Composite Lumber Core (SCLC), Add	*332.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*399.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*554.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*887.30*	
		For >50 To 100, Deduct	*-45.36*	
		For >100, Deduct	*-66.64*	
		For 9' Door Height, Add	*155.28*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	899.86	55.93
		For 7 Ply Cold Press Construction, Deduct	*-15.76*	
		For Stave Lumber Core (SLC), Add	*591.00*	
		For Structural Composite Lumber Core (SCLC), Add	*354.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*425.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*591.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*945.60*	
		For >50 To 100, Deduct	*-47.79*	
		For >100, Deduct	*-70.29*	
		For 9' Door Height, Add	*165.48*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,109.46	58.26
		For 7 Ply Cold Press Construction, Deduct	*-19.86*	
		For Stave Lumber Core (SLC), Add	*744.70*	
		For Structural Composite Lumber Core (SCLC), Add	*446.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*119.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*536.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*744.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,191.52*	
		For >50 To 100, Deduct	*-58.39*	
		For >100, Deduct	*-86.12*	
		For 9' Door Height, Add	*208.52*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,159.10	58.26
		For 7 Ply Cold Press Construction, Deduct	*-20.85*	
		For Stave Lumber Core (SLC), Add	*781.93*	
		For Structural Composite Lumber Core (SCLC), Add	*469.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*125.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*562.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*781.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,251.08*	
		For >50 To 100, Deduct	*-60.87*	
		For >100, Deduct	*-89.85*	
		For 9' Door Height, Add	*218.94*	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,258.42	58.26
		For 7 Ply Cold Press Construction, Deduct	*-22.84*	
		For Stave Lumber Core (SLC), Add	*856.42*	
		For Structural Composite Lumber Core (SCLC), Add	*513.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*137.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*616.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*856.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,370.27*	
		For >50 To 100, Deduct	*-65.83*	
		For >100, Deduct	*-97.29*	
		For 9' Door Height, Add	*239.80*	

08 14 16 00-0565 Lauan Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.32	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.92*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.32	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.92*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.81*	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	328.61	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*166.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*265.69*	
		For >50 To 100, Deduct	*-19.11*	
		For >100, Deduct	*-27.33*	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	334.97	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*170.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*273.32*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.80*	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	337.27	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*172.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*276.08*	
		For >50 To 100, Deduct	*-19.54*	
		For >100, Deduct	*-27.98*	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	344.23	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.28*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*278.84*	
		For >50 To 100, Deduct	*-20.01*	
		For >100, Deduct	*-28.61*	
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	365.23	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*304.04*	
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-30.19*	
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	387.97	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*146.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*203.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*325.73*	
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-32.01*	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	401.54	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*153.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*213.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*342.01*	
		For >50 To 100, Deduct	*-22.99*	
		For >100, Deduct	*-33.03*	
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	428.70	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*168.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*234.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*374.60*	
		For >50 To 100, Deduct	*-24.35*	
		For >100, Deduct	*-35.07*	
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	336.16	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*175.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*280.33*	
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.78*	
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	336.15	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*175.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*280.32*	
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.78*	
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	341.49	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*175.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*281.15*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	348.21	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*289.21*	
		For >50 To 100, Deduct	*-20.09*	
		For >100, Deduct	*-28.80*	
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	350.67	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*292.16*	
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.98*	
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	357.75	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*184.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*295.07*	
		For >50 To 100, Deduct	*-20.68*	
		For >100, Deduct	*-29.63*	
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	379.97	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*144.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*201.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*321.73*	
		For >50 To 100, Deduct	*-21.80*	
		For >100, Deduct	*-31.29*	
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	403.77	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*155.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*215.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*344.69*	
		For >50 To 100, Deduct	*-23.10*	
		For >100, Deduct	*-33.20*	
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	418.13	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.92*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.27*	
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	446.87	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*396.41*	
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.43*	
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	381.69	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*209.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.97*	
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-31.19*	
		For 9' Door Height, Add	*58.62*	
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	381.69	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*209.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.97*	
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-31.19*	
		For 9' Door Height, Add	*58.62*	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	387.16	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*209.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*335.95*	
		For >50 To 100, Deduct	*-22.04*	
		For >100, Deduct	*-31.72*	
		For 9' Door Height, Add	*58.79*	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	395.22	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*155.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*216.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*345.62*	
		For >50 To 100, Deduct	*-22.44*	
		For >100, Deduct	*-32.32*	
		For 9' Door Height, Add	*60.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	398.15	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*349.14*	
		For >50 To 100, Deduct	*-22.59*	
		For >100, Deduct	*-32.54*	
		For 9' Door Height, Add	*61.10*	
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	405.71	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*352.62*	
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-33.22*	
		For 9' Door Height, Add	*61.71*	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	432.27	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*173.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*240.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*384.49*	
		For >50 To 100, Deduct	*-24.41*	
		For >100, Deduct	*-35.22*	
		For 9' Door Height, Add	*67.29*	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	459.78	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*185.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*257.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*411.90*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.40*	
		For 9' Door Height, Add	*72.08*	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	476.92	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*194.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*270.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*432.47*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.68*	
		For 9' Door Height, Add	*75.68*	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	511.29	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.71*	
		For >50 To 100, Deduct	*-28.48*	
		For >100, Deduct	*-41.26*	
		For 9' Door Height, Add	*82.90*	

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	332.69	51.27
		For Stave Lumber Core (SLC), Add	*172.61*	
		For Structural Composite Lumber Core (SCLC), Add	*103.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.62*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.52*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	332.69	51.27
		For Stave Lumber Core (SLC), Add	*172.61*	
		For Structural Composite Lumber Core (SCLC), Add	*103.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.62*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.52*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.67	53.60
		For Stave Lumber Core (SLC), Add	*182.60*	
		For Structural Composite Lumber Core (SCLC), Add	*109.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.98*	
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	363.96	53.60
		For Stave Lumber Core (SLC), Add	*192.57*	
		For Structural Composite Lumber Core (SCLC), Add	*115.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.81*	
		For >50 To 100, Deduct	*-20.88*	
		For >100, Deduct	*-29.98*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	366.44	53.60
		For Stave Lumber Core (SLC), Add	*194.43*	
		For Structural Composite Lumber Core (SCLC), Add	*116.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.11*	
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-30.16*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	373.61	55.93
		For Stave Lumber Core (SLC), Add	*196.31*	
		For Structural Composite Lumber Core (SCLC), Add	*117.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.41*	
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-30.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	402.46	55.93
		For Stave Lumber Core (SLC), Add	*217.95*	
		For Structural Composite Lumber Core (SCLC), Add	*130.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.87*	
		For >50 To 100, Deduct	*-22.92*	
		For >100, Deduct	*-32.98*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	459.81	58.26
		For Stave Lumber Core (SLC), Add	*257.46*	
		For Structural Composite Lumber Core (SCLC), Add	*154.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.19*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.40*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	476.99	58.26
		For Stave Lumber Core (SLC), Add	*270.35*	
		For Structural Composite Lumber Core (SCLC), Add	*162.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.26*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.69*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	511.29	58.26
		For Stave Lumber Core (SLC), Add	*296.07*	
		For Structural Composite Lumber Core (SCLC), Add	*177.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.37*	
		For >50 To 100, Deduct	*-28.48*	
		For >100, Deduct	*-41.26*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	346.09	51.27
		For Stave Lumber Core (SLC), Add	*182.66*	
		For Structural Composite Lumber Core (SCLC), Add	*109.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.52*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	346.09	51.27
		For Stave Lumber Core (SLC), Add	*182.66*	
		For Structural Composite Lumber Core (SCLC), Add	*109.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.52*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	364.85	53.60
		For Stave Lumber Core (SLC), Add	*193.24*	
		For Structural Composite Lumber Core (SCLC), Add	*115.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.92*	
		For >50 To 100, Deduct	*-20.92*	
		For >100, Deduct	*-30.04*	
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	378.92	53.60
		For Stave Lumber Core (SLC), Add	*203.79*	
		For Structural Composite Lumber Core (SCLC), Add	*122.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.61*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-31.10*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	381.54	53.60
		For Stave Lumber Core (SLC), Add	*205.76*	
		For Structural Composite Lumber Core (SCLC), Add	*123.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.92*	
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.30*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	388.85	55.93
		For Stave Lumber Core (SLC), Add	*207.74*	
		For Structural Composite Lumber Core (SCLC), Add	*124.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.24*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-31.96*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	419.36	55.93
		For Stave Lumber Core (SLC), Add	*230.63*	
		For Structural Composite Lumber Core (SCLC), Add	*138.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.90*	
		For >50 To 100, Deduct	*-23.76*	
		For >100, Deduct	*-34.25*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	479.79	58.26
		For Stave Lumber Core (SLC), Add	*272.45*	
		For Structural Composite Lumber Core (SCLC), Add	*163.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.59*	
		For >50 To 100, Deduct	*-26.90*	
		For >100, Deduct	*-38.90*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	497.96	58.26
		For Stave Lumber Core (SLC), Add	*286.07*	
		For Structural Composite Lumber Core (SCLC), Add	*171.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.77*	
		For >50 To 100, Deduct	*-27.81*	
		For >100, Deduct	*-40.26*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	534.27	58.26
		For Stave Lumber Core (SLC), Add	*313.31*	
		For Structural Composite Lumber Core (SCLC), Add	*187.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.13*	
		For >50 To 100, Deduct	*-29.63*	
		For >100, Deduct	*-42.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	393.57	51.27
		For Stave Lumber Core (SLC), Add	*218.27*	
		For Structural Composite Lumber Core (SCLC), Add	*130.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.92*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-32.08*	
		For 9' Door Height, Add	*61.11*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	393.57	51.27
		For Stave Lumber Core (SLC), Add	*218.27*	
		For Structural Composite Lumber Core (SCLC), Add	*130.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.92*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-32.08*	
		For 9' Door Height, Add	*61.11*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	415.09	53.60
		For Stave Lumber Core (SLC), Add	*230.92*	
		For Structural Composite Lumber Core (SCLC), Add	*138.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.95*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-33.81*	
		For 9' Door Height, Add	*64.66*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	431.92	53.60
		For Stave Lumber Core (SLC), Add	*243.54*	
		For Structural Composite Lumber Core (SCLC), Add	*146.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.97*	
		For >50 To 100, Deduct	*-24.28*	
		For >100, Deduct	*-35.07*	
		For 9' Door Height, Add	*68.19*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	435.03	53.60
		For Stave Lumber Core (SLC), Add	*245.87*	
		For Structural Composite Lumber Core (SCLC), Add	*147.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.34*	
		For >50 To 100, Deduct	*-24.43*	
		For >100, Deduct	*-35.31*	
		For 9' Door Height, Add	*68.84*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	442.87	55.93
		For Stave Lumber Core (SLC), Add	*248.26*	
		For Structural Composite Lumber Core (SCLC), Add	*148.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.72*	
		For >50 To 100, Deduct	*-24.94*	
		For >100, Deduct	*-36.01*	
		For 9' Door Height, Add	*69.51*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	479.33	55.93
		For Stave Lumber Core (SLC), Add	*275.60*	
		For Structural Composite Lumber Core (SCLC), Add	*165.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.10*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.75*	
		For 9' Door Height, Add	*77.17*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	550.61	58.26
		For Stave Lumber Core (SLC), Add	*325.56*	
		For Structural Composite Lumber Core (SCLC), Add	*195.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.09*	
		For >50 To 100, Deduct	*-30.44*	
		For >100, Deduct	*-44.21*	
		For 9' Door Height, Add	*91.16*	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	572.35	58.26
		For Stave Lumber Core (SLC), Add	*341.87*	
		For Structural Composite Lumber Core (SCLC), Add	*205.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.70*	
		For >50 To 100, Deduct	*-31.53*	
		For >100, Deduct	*-45.84*	
		For 9' Door Height, Add	*95.72*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	615.74	58.26
		For Stave Lumber Core (SLC), Add	*374.41*	
		For Structural Composite Lumber Core (SCLC), Add	*224.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.91*	
		For >50 To 100, Deduct	*-33.70*	
		For >100, Deduct	*-49.09*	
		For 9' Door Height, Add	*104.83*	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0628	EA	Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes any standard manufacturer color on six sides.	68.63	
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*22.85*	

08 14 16 00-0629 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0630	EA	2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,957.21	41.02
08 14 16 00-0631	EA	2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,957.21	128.00
08 14 16 00-0632	EA	2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,957.21	41.02

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door		732.18	114.67
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door		780.17	125.85
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door		835.63	138.91
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door		874.23	143.56
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door		932.36	158.01
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door		1,015.73	163.14

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		244.13	51.27
		For Structural Composite Lumber Core (SCLC), Add		*63.71*	
		For 5 Ply Construction, Add		*4.96*	
		For >50 To 100, Deduct		*-14.77*	
		For >100, Deduct		*-20.87*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		244.13	51.27
		For Structural Composite Lumber Core (SCLC), Add		*63.71*	
		For 5 Ply Construction, Add		*4.96*	
		For >50 To 100, Deduct		*-14.77*	
		For >100, Deduct		*-20.87*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		256.57	53.60
		For Structural Composite Lumber Core (SCLC), Add		*67.22*	
		For 5 Ply Construction, Add		*5.23*	
		For >50 To 100, Deduct		*-15.51*	
		For >100, Deduct		*-21.92*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		264.35	53.60
		For Structural Composite Lumber Core (SCLC), Add		*70.72*	
		For 5 Ply Construction, Add		*5.50*	
		For >50 To 100, Deduct		*-15.90*	
		For >100, Deduct		*-22.51*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		268.28	53.60
		For Structural Composite Lumber Core (SCLC), Add		*72.49*	
		For 5 Ply Construction, Add		*5.64*	
		For >50 To 100, Deduct		*-16.09*	
		For >100, Deduct		*-22.80*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		276.85	55.93
		For Structural Composite Lumber Core (SCLC), Add		*74.25*	
		For 5 Ply Construction, Add		*5.77*	
		For >50 To 100, Deduct		*-16.64*	
		For >100, Deduct		*-23.56*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		294.99	55.93
		For Structural Composite Lumber Core (SCLC), Add		*82.41*	
		For 5 Ply Construction, Add		*6.41*	
		For >50 To 100, Deduct		*-17.55*	
		For >100, Deduct		*-24.92*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		311.38	58.26
		For Structural Composite Lumber Core (SCLC), Add		*87.68*	
		For 5 Ply Construction, Add		*6.82*	
		For >50 To 100, Deduct		*-18.48*	
		For >100, Deduct		*-26.27*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		252.37	51.27
		For Structural Composite Lumber Core (SCLC), Add		*67.42*	
		For 5 Ply Construction, Add		*5.24*	
		For >50 To 100, Deduct		*-15.18*	
		For >100, Deduct		*-21.49*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		252.36	51.27
		For Structural Composite Lumber Core (SCLC), Add		*67.41*	
		For 5 Ply Construction, Add		*5.24*	
		For >50 To 100, Deduct		*-15.18*	
		For >100, Deduct		*-21.49*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		265.26	53.60
		For Structural Composite Lumber Core (SCLC), Add		*71.13*	
		For 5 Ply Construction, Add		*5.53*	
		For >50 To 100, Deduct		*-15.94*	
		For >100, Deduct		*-22.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	273.50	53.60
		For Structural Composite Lumber Core (SCLC), Add	*74.84*	
		For 5 Ply Construction, Add	*5.82*	
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-23.19*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	277.65	53.60
		For Structural Composite Lumber Core (SCLC), Add	*76.70*	
		For 5 Ply Construction, Add	*5.97*	
		For >50 To 100, Deduct	*-16.56*	
		For >100, Deduct	*-23.50*	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	286.45	55.93
		For Structural Composite Lumber Core (SCLC), Add	*78.57*	
		For 5 Ply Construction, Add	*6.11*	
		For >50 To 100, Deduct	*-17.12*	
		For >100, Deduct	*-24.28*	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	305.65	55.93
		For Structural Composite Lumber Core (SCLC), Add	*87.21*	
		For 5 Ply Construction, Add	*6.78*	
		For >50 To 100, Deduct	*-18.08*	
		For >100, Deduct	*-25.72*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	322.72	58.26
		For Structural Composite Lumber Core (SCLC), Add	*92.79*	
		For 5 Ply Construction, Add	*7.22*	
		For >50 To 100, Deduct	*-19.05*	
		For >100, Deduct	*-27.12*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	281.58	51.27
		For Structural Composite Lumber Core (SCLC), Add	*80.56*	
		For 5 Ply Construction, Add	*6.27*	
		For >50 To 100, Deduct	*-16.64*	
		For >100, Deduct	*-23.68*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	281.58	51.27
		For Structural Composite Lumber Core (SCLC), Add	*80.56*	
		For 5 Ply Construction, Add	*6.27*	
		For >50 To 100, Deduct	*-16.64*	
		For >100, Deduct	*-23.68*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	296.09	53.60
		For Structural Composite Lumber Core (SCLC), Add	*85.00*	
		For 5 Ply Construction, Add	*6.61*	
		For >50 To 100, Deduct	*-17.48*	
		For >100, Deduct	*-24.89*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	305.93	53.60
		For Structural Composite Lumber Core (SCLC), Add	*89.43*	
		For 5 Ply Construction, Add	*6.96*	
		For >50 To 100, Deduct	*-17.98*	
		For >100, Deduct	*-25.62*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	310.89	53.60
		For Structural Composite Lumber Core (SCLC), Add	*91.66*	
		For 5 Ply Construction, Add	*7.13*	
		For >50 To 100, Deduct	*-18.22*	
		For >100, Deduct	*-26.00*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	320.50	55.93
		For Structural Composite Lumber Core (SCLC), Add	*93.89*	
		For 5 Ply Construction, Add	*7.30*	
		For >50 To 100, Deduct	*-18.82*	
		For >100, Deduct	*-26.83*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.44	55.93
		For Structural Composite Lumber Core (SCLC), Add	*104.21*	
		For 5 Ply Construction, Add	*8.11*	
		For >50 To 100, Deduct	*-19.97*	
		For >100, Deduct	*-28.55*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	362.93	58.26
		For Structural Composite Lumber Core (SCLC), Add	*110.88*	
		For 5 Ply Construction, Add	*8.62*	
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-30.13*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.76	51.27
		For 5 Ply Construction, Add	*8.44*	
		For Stave Lumber Core (SLC), Add	*180.91*	
		For Structural Composite Lumber Core (SCLC), Add	*108.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*289.45*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.35*	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.75	51.27
		For 5 Ply Construction, Add	*8.44*	
		For Stave Lumber Core (SLC), Add	*180.90*	
		For Structural Composite Lumber Core (SCLC), Add	*108.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*289.44*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.35*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	355.94	53.60
		For 5 Ply Construction, Add	*8.71*	
		For Stave Lumber Core (SLC), Add	*186.56*	
		For Structural Composite Lumber Core (SCLC), Add	*111.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*298.49*	
		For >50 To 100, Deduct	*-20.48*	
		For >100, Deduct	*-29.38*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	355.94	53.60
		For 5 Ply Construction, Add	*8.71*	
		For Stave Lumber Core (SLC), Add	*186.56*	
		For Structural Composite Lumber Core (SCLC), Add	*111.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*298.49*	
		For >50 To 100, Deduct	*-20.48*	
		For >100, Deduct	*-29.38*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	370.88	53.60
		For 5 Ply Construction, Add	*9.23*	
		For Stave Lumber Core (SLC), Add	*197.76*	
		For Structural Composite Lumber Core (SCLC), Add	*118.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*316.42*	
		For >50 To 100, Deduct	*-21.22*	
		For >100, Deduct	*-30.50*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	390.48	55.93
		For 5 Ply Construction, Add	*9.75*	
		For Stave Lumber Core (SLC), Add	*208.97*	
		For Structural Composite Lumber Core (SCLC), Add	*125.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.34*	
		For >50 To 100, Deduct	*-22.32*	
		For >100, Deduct	*-32.08*	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	405.75	55.93
		For 5 Ply Construction, Add	*10.29*	
		For Stave Lumber Core (SLC), Add	*220.42*	
		For Structural Composite Lumber Core (SCLC), Add	*132.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*352.67*	
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-33.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	418.05	58.26
		For 5 Ply Construction, Add	*10.55*	
		For Stave Lumber Core (SLC), Add	*226.14*	
		For Structural Composite Lumber Core (SCLC), Add	*135.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.82*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.27*	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	433.12	58.26
		For 5 Ply Construction, Add	*11.08*	
		For Stave Lumber Core (SLC), Add	*237.44*	
		For Structural Composite Lumber Core (SCLC), Add	*142.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*237.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*379.91*	
		For >50 To 100, Deduct	*-24.57*	
		For >100, Deduct	*-35.40*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	472.59	62.93
		For 5 Ply Construction, Add	*12.14*	
		For Stave Lumber Core (SLC), Add	*260.06*	
		For Structural Composite Lumber Core (SCLC), Add	*156.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*187.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*260.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*416.09*	
		For >50 To 100, Deduct	*-26.78*	
		For >100, Deduct	*-38.59*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	357.80	51.27
		For 5 Ply Construction, Add	*8.93*	
		For Stave Lumber Core (SLC), Add	*191.44*	
		For Structural Composite Lumber Core (SCLC), Add	*114.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.30*	
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-29.40*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	357.79	51.27
		For 5 Ply Construction, Add	*8.93*	
		For Stave Lumber Core (SLC), Add	*191.43*	
		For Structural Composite Lumber Core (SCLC), Add	*114.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.29*	
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-29.40*	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	370.42	53.60
		For 5 Ply Construction, Add	*9.21*	
		For Stave Lumber Core (SLC), Add	*197.42*	
		For Structural Composite Lumber Core (SCLC), Add	*118.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*315.86*	
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-30.46*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	370.42	53.60
		For 5 Ply Construction, Add	*9.21*	
		For Stave Lumber Core (SLC), Add	*197.42*	
		For Structural Composite Lumber Core (SCLC), Add	*118.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*315.86*	
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-30.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	386.23	53.60
		For 5 Ply Construction, Add	*9.77*	
		For Stave Lumber Core (SLC), Add	*209.27*	
		For Structural Composite Lumber Core (SCLC), Add	*125.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*209.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.84*	
		For >50 To 100, Deduct	*-21.99*	
		For >100, Deduct	*-31.65*	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	406.70	55.93
		For 5 Ply Construction, Add	*10.32*	
		For Stave Lumber Core (SLC), Add	*221.13*	
		For Structural Composite Lumber Core (SCLC), Add	*132.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*159.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*221.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*353.81*	
		For >50 To 100, Deduct	*-23.13*	
		For >100, Deduct	*-33.30*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	422.85	55.93
		For 5 Ply Construction, Add	*10.88*	
		For Stave Lumber Core (SLC), Add	*233.24*	
		For Structural Composite Lumber Core (SCLC), Add	*139.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*373.19*	
		For >50 To 100, Deduct	*-23.94*	
		For >100, Deduct	*-34.51*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	435.59	58.26
		For 5 Ply Construction, Add	*11.17*	
		For Stave Lumber Core (SLC), Add	*239.30*	
		For Structural Composite Lumber Core (SCLC), Add	*143.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.87*	
		For >50 To 100, Deduct	*-24.69*	
		For >100, Deduct	*-35.58*	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	451.54	58.26
		For 5 Ply Construction, Add	*11.73*	
		For Stave Lumber Core (SLC), Add	*251.26*	
		For Structural Composite Lumber Core (SCLC), Add	*150.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*402.01*	
		For >50 To 100, Deduct	*-25.49*	
		For >100, Deduct	*-36.78*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	492.76	62.93
		For 5 Ply Construction, Add	*12.84*	
		For Stave Lumber Core (SLC), Add	*275.18*	
		For Structural Composite Lumber Core (SCLC), Add	*165.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*275.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*440.29*	
		For >50 To 100, Deduct	*-27.78*	
		For >100, Deduct	*-40.10*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	407.58	51.27
		For 5 Ply Construction, Add	*10.68*	
		For Stave Lumber Core (SLC), Add	*228.77*	
		For Structural Composite Lumber Core (SCLC), Add	*137.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*366.04*	
		For >50 To 100, Deduct	*-22.94*	
		For >100, Deduct	*-33.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	407.56	51.27
		For 5 Ply Construction, Add	*10.68*	
		For Stave Lumber Core (SLC), Add	*228.76*	
		For Structural Composite Lumber Core (SCLC), Add	*137.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*366.01*	
		For >50 To 100, Deduct	*-22.94*	
		For >100, Deduct	*-33.13*	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	421.75	53.60
		For 5 Ply Construction, Add	*11.01*	
		For Stave Lumber Core (SLC), Add	*235.91*	
		For Structural Composite Lumber Core (SCLC), Add	*141.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*377.46*	
		For >50 To 100, Deduct	*-23.77*	
		For >100, Deduct	*-34.31*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	421.75	53.60
		For 5 Ply Construction, Add	*11.01*	
		For Stave Lumber Core (SLC), Add	*235.91*	
		For Structural Composite Lumber Core (SCLC), Add	*141.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*377.46*	
		For >50 To 100, Deduct	*-23.77*	
		For >100, Deduct	*-34.31*	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	440.64	53.60
		For 5 Ply Construction, Add	*11.67*	
		For Stave Lumber Core (SLC), Add	*250.08*	
		For Structural Composite Lumber Core (SCLC), Add	*150.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.13*	
		For >50 To 100, Deduct	*-24.71*	
		For >100, Deduct	*-35.73*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	464.19	55.93
		For 5 Ply Construction, Add	*12.33*	
		For Stave Lumber Core (SLC), Add	*264.25*	
		For Structural Composite Lumber Core (SCLC), Add	*158.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*190.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*264.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*422.80*	
		For >50 To 100, Deduct	*-26.01*	
		For >100, Deduct	*-37.61*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	483.49	55.93
		For 5 Ply Construction, Add	*13.01*	
		For Stave Lumber Core (SLC), Add	*278.72*	
		For Structural Composite Lumber Core (SCLC), Add	*167.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*200.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*278.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*445.96*	
		For >50 To 100, Deduct	*-26.97*	
		For >100, Deduct	*-39.06*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	497.80	58.26
		For 5 Ply Construction, Add	*13.34*	
		For Stave Lumber Core (SLC), Add	*285.95*	
		For Structural Composite Lumber Core (SCLC), Add	*171.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.52*	
		For >50 To 100, Deduct	*-27.80*	
		For >100, Deduct	*-40.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	516.86	58.26
		For 5 Ply Construction, Add	*14.01*	
		For Stave Lumber Core (SLC), Add	*300.25*	
		For Structural Composite Lumber Core (SCLC), Add	*180.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*300.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*480.40*	
		For >50 To 100, Deduct	*-28.76*	
		For >100, Deduct	*-41.68*	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	564.31	62.93
		For 5 Ply Construction, Add	*15.35*	
		For Stave Lumber Core (SLC), Add	*328.85*	
		For Structural Composite Lumber Core (SCLC), Add	*197.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*526.15*	
		For >50 To 100, Deduct	*-31.36*	
		For >100, Deduct	*-45.47*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	233.90	51.27
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-20.11*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	233.90	51.27
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-20.11*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.13	53.60
		For >50 To 100, Deduct	*-15.09*	
		For >100, Deduct	*-21.29*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.69	53.60
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-21.63*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	257.22	53.60
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.97*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.44	55.93
		For >50 To 100, Deduct	*-16.12*	
		For >100, Deduct	*-22.78*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.41	55.93
		For >50 To 100, Deduct	*-16.97*	
		For >100, Deduct	*-24.05*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.08	58.26
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.34*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.54	51.27
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-20.68*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.54	51.27
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-20.68*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	256.34	53.60
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-21.91*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.14	53.60
		For >50 To 100, Deduct	*-15.74*	
		For >100, Deduct	*-22.27*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.95	53.60
		For >50 To 100, Deduct	*-15.98*	
		For >100, Deduct	*-22.63*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.42	55.93
		For >50 To 100, Deduct	*-16.57*	
		For >100, Deduct	*-23.45*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	293.38	55.93
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-24.80*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.69	58.26
		For >50 To 100, Deduct	*-18.40*	
		For >100, Deduct	*-26.14*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.66	51.27
		For >50 To 100, Deduct	*-16.00*	
		For >100, Deduct	*-22.71*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.66	51.27
		For >50 To 100, Deduct	*-16.00*	
		For >100, Deduct	*-22.71*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.43	53.60
		For >50 To 100, Deduct	*-16.95*	
		For >100, Deduct	*-24.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.16	53.60
		For >50 To 100, Deduct	*-17.24*	
		For >100, Deduct	*-24.52*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	296.93	53.60
		For >50 To 100, Deduct	*-17.53*	
		For >100, Deduct	*-24.95*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	307.31	55.93
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.84*	
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	328.78	55.93
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.46*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	347.34	58.26
		For >50 To 100, Deduct	*-20.28*	
		For >100, Deduct	*-28.96*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.22	51.27
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.53*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.22	51.27
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.53*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.39	53.60
		For >50 To 100, Deduct	*-16.45*	
		For >100, Deduct	*-23.33*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.52	53.60
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-24.02*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.08	53.60
		For >50 To 100, Deduct	*-17.13*	
		For >100, Deduct	*-24.36*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.23	55.93
		For >50 To 100, Deduct	*-17.71*	
		For >100, Deduct	*-25.16*	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.62	55.93
		For >50 To 100, Deduct	*-18.23*	
		For >100, Deduct	*-25.94*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	347.09	58.26
		For >50 To 100, Deduct	*-20.27*	
		For >100, Deduct	*-28.95*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	358.62	58.26
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-29.81*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	381.71	58.26
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.54*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.73	51.27
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-23.24*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.73	51.27
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-23.24*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.19	53.60
		For >50 To 100, Deduct	*-16.94*	
		For >100, Deduct	*-24.07*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	294.84	53.60
		For >50 To 100, Deduct	*-17.42*	
		For >100, Deduct	*-24.79*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.65	53.60
		For >50 To 100, Deduct	*-17.66*	
		For >100, Deduct	*-25.15*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.08	55.93
		For >50 To 100, Deduct	*-18.25*	
		For >100, Deduct	*-25.98*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.08	55.93
		For >50 To 100, Deduct	*-18.80*	
		For >100, Deduct	*-26.80*	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	360.53	58.26
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-29.95*	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	372.73	58.26
		For >50 To 100, Deduct	*-21.55*	
		For >100, Deduct	*-30.87*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	397.12	58.26
		For >50 To 100, Deduct	*-22.77*	
		For >100, Deduct	*-32.70*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.49	51.27
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.49	51.27
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.78*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.91	53.60
		For >50 To 100, Deduct	*-18.68*	
		For >100, Deduct	*-26.67*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.43	53.60
		For >50 To 100, Deduct	*-19.25*	
		For >100, Deduct	*-27.54*	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	337.16	53.60
		For >50 To 100, Deduct	*-19.54*	
		For >100, Deduct	*-27.97*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	347.55	55.93
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.86*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	360.67	55.93
		For >50 To 100, Deduct	*-20.83*	
		For >100, Deduct	*-29.85*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	408.12	58.26
		For >50 To 100, Deduct	*-23.32*	
		For >100, Deduct	*-33.52*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.69	58.26
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.62*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	451.86	58.26
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-36.80*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.70	51.27
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.99*	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.70	51.27
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.99*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.99	53.60
		For >50 To 100, Deduct	*-17.73*	
		For >100, Deduct	*-25.25*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	311.60	53.60
		For >50 To 100, Deduct	*-18.26*	
		For >100, Deduct	*-26.05*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.54	53.60
		For >50 To 100, Deduct	*-18.36*	
		For >100, Deduct	*-26.20*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.18	55.93
		For >50 To 100, Deduct	*-18.81*	
		For >100, Deduct	*-26.81*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	343.17	55.93
		For >50 To 100, Deduct	*-19.96*	
		For >100, Deduct	*-28.53*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	389.73	58.26
		For >50 To 100, Deduct	*-22.40*	
		For >100, Deduct	*-32.14*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	296.38	51.27
		For >50 To 100, Deduct	*-17.38*	
		For >100, Deduct	*-24.79*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	296.38	51.27
		For >50 To 100, Deduct	*-17.38*	
		For >100, Deduct	*-24.79*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	312.27	53.60
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-26.10*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.48	53.60
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.94*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	325.56	53.60
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-27.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.31	55.93
		For >50 To 100, Deduct	*-19.41*	
		For >100, Deduct	*-27.72*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	356.64	55.93
		For >50 To 100, Deduct	*-20.63*	
		For >100, Deduct	*-29.54*	
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	405.64	58.26
		For >50 To 100, Deduct	*-23.20*	
		For >100, Deduct	*-33.34*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.17	51.27
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-27.63*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.17	51.27
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-27.63*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	352.26	53.60
		For >50 To 100, Deduct	*-20.29*	
		For >100, Deduct	*-29.10*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	365.66	53.60
		For >50 To 100, Deduct	*-20.96*	
		For >100, Deduct	*-30.10*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	368.13	53.60
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-30.29*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	375.30	55.93
		For >50 To 100, Deduct	*-21.56*	
		For >100, Deduct	*-30.94*	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	404.37	55.93
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-33.12*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	462.04	58.26
		For >50 To 100, Deduct	*-26.02*	
		For >100, Deduct	*-37.57*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.69	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*172.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*276.17*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.52*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.69	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*172.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*276.17*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.52*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.67	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*292.16*	
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.98*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	363.96	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*138.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*192.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*308.11*	
		For >50 To 100, Deduct	*-20.88*	
		For >100, Deduct	*-29.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	366.44	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*194.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*311.09*	
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-30.16*	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	373.61	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.10*	
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-30.82*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	402.45	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*156.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*217.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*348.72*	
		For >50 To 100, Deduct	*-22.92*	
		For >100, Deduct	*-32.98*	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	459.81	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*185.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*257.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*411.94*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.40*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	476.99	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*194.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*270.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*432.55*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.69*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	511.29	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.71*	
		For >50 To 100, Deduct	*-28.48*	
		For >100, Deduct	*-41.26*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	346.09	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*292.25*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.52*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	346.09	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*292.25*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.52*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	364.85	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*309.18*	
		For >50 To 100, Deduct	*-20.92*	
		For >100, Deduct	*-30.04*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	378.92	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*146.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*203.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*326.06*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-31.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	381.54	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*148.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*205.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*329.21*	
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.30*	
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	388.85	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*149.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*207.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*332.39*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-31.96*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	419.36	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*166.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*369.00*	
		For >50 To 100, Deduct	*-23.76*	
		For >100, Deduct	*-34.25*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	479.79	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*196.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*272.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*435.91*	
		For >50 To 100, Deduct	*-26.90*	
		For >100, Deduct	*-38.90*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	497.96	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*286.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.72*	
		For >50 To 100, Deduct	*-27.81*	
		For >100, Deduct	*-40.26*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	534.27	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.29*	
		For >50 To 100, Deduct	*-29.63*	
		For >100, Deduct	*-42.98*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.57	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*349.22*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-32.08*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.57	51.27
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*349.22*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-32.08*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	415.09	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*166.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*369.47*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-33.81*	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	431.92	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.66*	
		For >50 To 100, Deduct	*-24.28*	
		For >100, Deduct	*-35.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	435.03	53.60
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*245.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*393.40*	
		For >50 To 100, Deduct	*-24.43*	
		For >100, Deduct	*-35.31*	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	442.87	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.21*	
		For >50 To 100, Deduct	*-24.94*	
		For >100, Deduct	*-36.01*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	479.33	55.93
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*275.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*440.96*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.75*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	550.61	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*234.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*325.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*520.90*	
		For >50 To 100, Deduct	*-30.44*	
		For >100, Deduct	*-44.21*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	572.35	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*246.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*341.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*546.98*	
		For >50 To 100, Deduct	*-31.53*	
		For >100, Deduct	*-45.84*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	615.74	58.26
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*599.05*	
		For >50 To 100, Deduct	*-33.70*	
		For >100, Deduct	*-49.09*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	535.78	134.24
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	556.49	149.16
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	535.78	134.24
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	556.49	149.16

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

08 14 73 00-0002 Birch Faced Pocket Door *(08 14 73 00-0001)*

Note: Includes door, frame and trim, and all mounting and door hardware.

08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	648.64	32.63
		For Oak, Add	*161.02*	
		For Ash/Hickory, Add	*234.52*	
		For Walnut, Add	*341.87*	
		For Cherry, Add	*555.97*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	667.44	34.96
		For Oak, Add	*164.92*	
		For Ash/Hickory, Add	*240.21*	
		For Walnut, Add	*350.15*	
		For Cherry, Add	*569.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	689.76	37.29
		For Oak, Add	*169.80*	
		For Ash/Hickory, Add	*247.31*	
		For Walnut, Add	*360.51*	
		For Cherry, Add	*586.30*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	705.03	39.62
		For Oak, Add	*172.73*	
		For Ash/Hickory, Add	*251.58*	
		For Walnut, Add	*366.73*	
		For Cherry, Add	*596.41*	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	727.39	41.95
		For Oak, Add	*177.61*	
		For Ash/Hickory, Add	*258.69*	
		For Walnut, Add	*377.09*	
		For Cherry, Add	*613.26*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	746.19	44.29
		For Oak, Add	*181.51*	
		For Ash/Hickory, Add	*264.37*	
		For Walnut, Add	*385.38*	
		For Cherry, Add	*626.73*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,283.31	58.26
		For Oak, Add	*322.03*	
		For Ash/Hickory, Add	*469.05*	
		For Walnut, Add	*683.73*	
		For Cherry, Add	*1,111.94*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,356.26	62.93
		For Oak, Add	*339.60*	
		For Ash/Hickory, Add	*494.63*	
		For Walnut, Add	*721.03*	
		For Cherry, Add	*1,172.59*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,450.46	67.59
		For Oak, Add	*363.02*	
		For Ash/Hickory, Add	*528.74*	
		For Walnut, Add	*770.75*	
		For Cherry, Add	*1,253.46*	
08 14 73 00-0014		7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*		
08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	772.39	32.63
		For Oak, Add	*165.47*	
		For Ash/Hickory, Add	*165.47*	
		For Walnut, Add	*272.25*	
		For Cherry, Add	*511.26*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	808.87	34.96
		For Oak, Add	*172.92*	
		For Ash/Hickory, Add	*172.92*	
		For Walnut, Add	*284.50*	
		For Cherry, Add	*534.27*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	834.73	37.29
		For Oak, Add	*177.88*	
		For Ash/Hickory, Add	*177.88*	
		For Walnut, Add	*292.67*	
		For Cherry, Add	*549.61*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	857.06	39.62
		For Oak, Add	*182.02*	
		For Ash/Hickory, Add	*182.02*	
		For Walnut, Add	*299.47*	
		For Cherry, Add	*562.39*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	875.89	41.95
		For Oak, Add	*185.33*	
		For Ash/Hickory, Add	*185.33*	
		For Walnut, Add	*304.92*	
		For Cherry, Add	*572.62*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	901.76	44.29
		For Oak, Add	*190.29*	
		For Ash/Hickory, Add	*190.29*	
		For Walnut, Add	*313.09*	
		For Cherry, Add	*587.95*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,530.81	58.26
		For Oak, Add	*330.94*	
		For Ash/Hickory, Add	*330.94*	
		For Walnut, Add	*544.50*	
		For Cherry, Add	*1,022.52*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,646.19	62.93
		For Oak, Add	*355.76*	
		For Ash/Hickory, Add	*355.76*	
		For Walnut, Add	*585.33*	
		For Cherry, Add	*1,099.21*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,761.60	67.59
		For Oak, Add	*380.58*	
		For Ash/Hickory, Add	*380.58*	
		For Walnut, Add	*626.17*	
		For Cherry, Add	*1,175.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0024		1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*		
		See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0025		6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*		
08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	984.53	32.63
		For Oak, Add	*215.11*	
		For Ash/Hickory, Add	*215.11*	
		For Walnut, Add	*353.92*	
		For Cherry, Add	*664.64*	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,031.62	34.96
		For Oak, Add	*225.04*	
		For Ash/Hickory, Add	*225.04*	
		For Walnut, Add	*370.26*	
		For Cherry, Add	*695.32*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,057.47	37.29
		For Oak, Add	*230.00*	
		For Ash/Hickory, Add	*230.00*	
		For Walnut, Add	*378.42*	
		For Cherry, Add	*710.65*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,086.88	39.62
		For Oak, Add	*235.79*	
		For Ash/Hickory, Add	*235.79*	
		For Walnut, Add	*387.95*	
		For Cherry, Add	*728.55*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,112.78	41.95
		For Oak, Add	*240.76*	
		For Ash/Hickory, Add	*240.76*	
		For Walnut, Add	*396.12*	
		For Cherry, Add	*743.89*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,138.65	44.29
		For Oak, Add	*245.72*	
		For Ash/Hickory, Add	*245.72*	
		For Walnut, Add	*404.29*	
		For Cherry, Add	*759.22*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,955.09	58.26
		For Oak, Add	*430.22*	
		For Ash/Hickory, Add	*430.22*	
		For Walnut, Add	*707.85*	
		For Cherry, Add	*1,329.28*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,091.69	62.93
		For Oak, Add	*460.01*	
		For Ash/Hickory, Add	*460.01*	
		For Walnut, Add	*756.85*	
		For Cherry, Add	*1,421.31*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,235.39	67.59
		For Oak, Add	*491.45*	
		For Ash/Hickory, Add	*491.45*	
		For Walnut, Add	*808.58*	
		For Cherry, Add	*1,518.45*	
08 14 73 00-0035		7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*		
08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,055.25	32.63
		For Oak, Add	*231.66*	
		For Ash/Hickory, Add	*231.66*	
		For Walnut, Add	*381.15*	
		For Cherry, Add	*715.77*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,109.41	34.96
		For Oak, Add	*243.24*	
		For Ash/Hickory, Add	*243.24*	
		For Walnut, Add	*400.21*	
		For Cherry, Add	*751.56*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,138.80	37.29
		For Oak, Add	*249.03*	
		For Ash/Hickory, Add	*249.03*	
		For Walnut, Add	*409.74*	
		For Cherry, Add	*769.45*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,168.21	39.62
		For Oak, Add	*254.83*	
		For Ash/Hickory, Add	*254.83*	
		For Walnut, Add	*419.27*	
		For Cherry, Add	*787.35*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,194.10	41.95
		For Oak, Add	*259.79*	
		For Ash/Hickory, Add	*259.79*	
		For Walnut, Add	*427.43*	
		For Cherry, Add	*802.68*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,223.51	44.29
		For Oak, Add	*265.58*	
		For Ash/Hickory, Add	*265.58*	
		For Walnut, Add	*436.96*	
		For Cherry, Add	*820.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,096.52	58.26
		For Oak, Add	*463.32*	
		For Ash/Hickory, Add	*463.32*	
		For Walnut, Add	*762.30*	
		For Cherry, Add	*1,431.53*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,254.33	62.93
		For Oak, Add	*498.07*	
		For Ash/Hickory, Add	*498.07*	
		For Walnut, Add	*819.47*	
		For Cherry, Add	*1,538.90*	
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,405.10	67.59
		For Oak, Add	*531.16*	
		For Ash/Hickory, Add	*531.16*	
		For Walnut, Add	*873.92*	
		For Cherry, Add	*1,641.15*	
08 14 73 00-0045		8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*		
08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,125.96	32.63
		For Oak, Add	*248.21*	
		For Ash/Hickory, Add	*248.21*	
		For Walnut, Add	*408.37*	
		For Cherry, Add	*766.89*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,180.12	34.96
		For Oak, Add	*259.79*	
		For Ash/Hickory, Add	*259.79*	
		For Walnut, Add	*427.43*	
		For Cherry, Add	*802.68*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,213.05	37.29
		For Oak, Add	*266.41*	
		For Ash/Hickory, Add	*266.41*	
		For Walnut, Add	*438.32*	
		For Cherry, Add	*823.14*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,245.99	39.62
		For Oak, Add	*273.03*	
		For Ash/Hickory, Add	*273.03*	
		For Walnut, Add	*449.21*	
		For Cherry, Add	*843.58*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,271.89	41.95
		For Oak, Add	*277.99*	
		For Ash/Hickory, Add	*277.99*	
		For Walnut, Add	*457.38*	
		For Cherry, Add	*858.92*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,304.83	44.29
		For Oak, Add	*284.61*	
		For Ash/Hickory, Add	*284.61*	
		For Walnut, Add	*468.27*	
		For Cherry, Add	*879.37*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,237.95	58.26
		For Oak, Add	*496.41*	
		For Ash/Hickory, Add	*496.41*	
		For Walnut, Add	*816.75*	
		For Cherry, Add	*1,533.79*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,402.83	62.93
		For Oak, Add	*532.82*	
		For Ash/Hickory, Add	*532.82*	
		For Walnut, Add	*876.64*	
		For Cherry, Add	*1,646.26*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,567.74	67.59
		For Oak, Add	*569.22*	
		For Ash/Hickory, Add	*569.22*	
		For Walnut, Add	*936.54*	
		For Cherry, Add	*1,758.74*	
08 14 73 00-0055		Accessories *(08 14 73 00-0001)*		
08 14 73 00-0056		Jamb Replacement *(08 14 73 00-0055)*		
08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	192.53	
		For Oak, Add	*16.49*	
		For Ash/Hickory, Add	*25.83*	
		For Walnut, Add	*56.47*	
		For Cherry, Add	*89.45*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors.	197.24	
		For Oak, Add	*17.02*	
		For Ash/Hickory, Add	*26.66*	
		For Walnut, Add	*58.29*	
		For Cherry, Add	*92.34*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	227.84	
		For Oak, Add	*20.48*	
		For Ash/Hickory, Add	*32.08*	
		For Walnut, Add	*70.14*	
		For Cherry, Add	*111.09*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0060		Track And Hardware Replacement Kits *(08 14 73 00-0055)* Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	426.98	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	431.45	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	440.37	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	525.18	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	529.64	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	538.57	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	569.81	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	574.27	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	583.20	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	58.62	
08 14 73 00-0071		Bi-Pass Doors *(08 14 73)* Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	395.37	74.54
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	435.47	79.20
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	476.08	83.86
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	664.74	88.52
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	366.84	74.54
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	390.99	79.20
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	427.13	83.86
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	607.68	88.52
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	396.17	74.54
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	433.49	79.20
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	472.79	83.86
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	666.34	88.52
08 14 76		**Bifolding Wood Doors** *(08 14)*		
08 14 76 00-0001		Bi-Fold Wood Doors *(08 14 76)* Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	181.64	55.90
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	190.96	60.56
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	204.93	65.23
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	214.25	69.88
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	283.11	74.54
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	292.42	79.20
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	311.61	83.86
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	193.03	55.90
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	206.09	60.56
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	222.57	65.23
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	231.89	69.88
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	307.50	74.54
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	330.44	79.20
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	354.83	83.86
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	193.56	55.90
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	213.39	60.56
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	229.30	65.23
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	238.62	69.88
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	313.39	74.54
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	325.06	79.20
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	354.83	83.86
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	532.23	55.90
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	609.47	60.56
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	697.73	65.23
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	707.05	69.88
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	989.92	74.54
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,135.08	79.20
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,302.29	83.86
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	688.27	55.90
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	747.16	60.56
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	817.06	65.23
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	826.38	69.88
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,302.02	74.54
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,410.47	79.20
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,540.95	83.86
08 14 76 00-0042		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	185.65	55.90
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	199.65	60.56
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	218.88	65.23
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	219.84	69.88
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	276.50	74.54
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	298.92	79.20
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	336.56	83.86

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0001		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*		
08 16 13 00-0002		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*		
08 16 13 00-0003		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.		
08 16 13 00-0004		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0005		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,837.52	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,029.40	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,321.12	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,837.52	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,105.55	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,402.03	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,370.59	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,440.31	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,924.00	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,370.59	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,687.81	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,016.02	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,370.59	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,440.31	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,924.00	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,370.59	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,687.81	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,016.02	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*			
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*			
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,370.59	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,440.31	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,924.00	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0037		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*			
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,370.59	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,687.81	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		4,016.02	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0041		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*			
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			
08 16 13 00-0042		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*			
08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,000.93	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0044		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*			
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		3,000.93	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0046		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*			
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)		0.41	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)		0.41	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)		0.54	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)		0.52	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)		1.04	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)		1.17	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)		11.11	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)		14.28	
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)		30.14	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)		33.32	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)		65.05	
08 16 13 00-0058		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*			
08 16 13 00-0059		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)*			
		Note: White, tan, brown or gray finish. Includes factory hardware prep.			
08 16 13 00-0060		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*			
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0061		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*			
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,165.75	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,195.38	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,300.68	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0065		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*			
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,165.75	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,291.36	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		2,300.68	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0069		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*			
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			
08 16 13 00-0070		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*			
08 16 13 00-0071		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*			
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,605.53	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,679.31	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,853.72	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0075		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*			
08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,605.53	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,706.18	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,936.27	62.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0079		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*			
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*			
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,605.53	55.93
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)		3,679.31	58.26
		For Custom Color Finish, Add		*148.34*	
		For Stainless Steel Continuous Hinge, Add		*330.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,853.72	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,605.53	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,706.18	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,936.27	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0088		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,605.53	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,679.31	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,853.72	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0093		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,605.53	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,706.18	58.26
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,936.27	62.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0097		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,453.71	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,453.71	55.93
		For Custom Color Finish, Add	*148.34*	
		For Stainless Steel Continuous Hinge, Add	*330.19*	
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.91	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.93	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.41	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.56	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.89	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	7.68	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	9.60	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	30.72	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	109.42	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	42.23	
08 16 13 00-0114		Galvanized Insulated Poly Core Composite Doors *(08 16 13)*		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,233.48	55.93

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		Pre-Hung Interior Door Units *(08 17 23)* Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	446.77	58.26
		For 8' Door Height, Add	*79.26*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	467.05	58.26
		For 8' Door Height, Add	*84.12*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	492.03	60.59
		For 8' Door Height, Add	*89.00*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	502.73	62.93
		For 8' Door Height, Add	*90.45*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	539.53	62.93
		For 8' Door Height, Add	*99.28*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	570.68	65.26
		For 8' Door Height, Add	*105.64*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	851.56	95.55
		For 8' Door Height, Add	*158.51*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	906.17	102.55
		For 8' Door Height, Add	*168.26*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	972.82	109.53
		For 8' Door Height, Add	*180.90*	
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	403.56	58.26
		For 8' Door Height, Add	*68.89*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	423.03	58.26
		For 8' Door Height, Add	*73.56*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	444.10	60.59
		For 8' Door Height, Add	*77.50*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	460.36	62.93
		For 8' Door Height, Add	*80.28*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	492.35	62.93
		For 8' Door Height, Add	*87.96*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	520.43	65.26
		For 8' Door Height, Add	*93.58*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	765.19	95.55
		For 8' Door Height, Add	*137.78*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	818.01	102.55
		For 8' Door Height, Add	*147.10*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	888.17	109.53
		For 8' Door Height, Add	*160.58*	
08 17 23 00-0023		Tempered Hardboard Faced *(08 17 23 00-0002)*		
08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	341.54	58.26
		For 8' Door Height, Add	*54.00*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	357.95	58.26
		For 8' Door Height, Add	*57.94*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	370.40	60.59
		For 8' Door Height, Add	*59.81*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	390.63	62.93
		For 8' Door Height, Add	*63.55*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	419.74	62.93
		For 8' Door Height, Add	*70.53*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	443.23	65.26
		For 8' Door Height, Add	*75.05*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	641.13	95.55
		For 8' Door Height, Add	*108.00*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	687.91	102.55
		For 8' Door Height, Add	*115.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	748.62	109.53
		For 8' Door Height, Add	*127.09*	
08 17 23 00-0033		**Solid Core Doors, 1-3/8" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0034		**Birch Faced** *(08 17 23 00-0033)*		
08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	602.79	58.26
		For 8' Door Height, Add	*116.70*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	628.37	58.26
		For 8' Door Height, Add	*122.84*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	658.55	60.59
		For 8' Door Height, Add	*128.97*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	694.34	62.93
		For 8' Door Height, Add	*136.44*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	756.76	62.93
		For 8' Door Height, Add	*151.42*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	816.58	65.26
		For 8' Door Height, Add	*164.65*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,163.64	95.55
		For 8' Door Height, Add	*233.41*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,228.76	102.55
		For 8' Door Height, Add	*245.68*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,356.04	109.53
		For 8' Door Height, Add	*272.88*	
08 17 23 00-0044		**Lauan Faced** *(08 17 23 00-0033)*		
08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	537.53	58.26
		For 8' Door Height, Add	*101.04*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	560.68	58.26
		For 8' Door Height, Add	*106.60*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	588.45	60.59
		For 8' Door Height, Add	*112.14*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	616.47	62.93
		For 8' Door Height, Add	*117.75*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	670.43	62.93
		For 8' Door Height, Add	*130.70*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	709.95	65.26
		For 8' Door Height, Add	*139.06*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,033.09	95.55
		For 8' Door Height, Add	*202.08*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,093.40	102.55
		For 8' Door Height, Add	*213.20*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,200.31	109.53
		For 8' Door Height, Add	*235.50*	
08 17 23 00-0054		**Tempered Hardboard Faced** *(08 17 23 00-0033)*		
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	479.40	58.26
		For 8' Door Height, Add	*87.09*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	500.41	58.26
		For 8' Door Height, Add	*92.13*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	526.15	60.59
		For 8' Door Height, Add	*97.19*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	538.60	62.93
		For 8' Door Height, Add	*99.06*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	584.12	62.93
		For 8' Door Height, Add	*109.98*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	618.14	65.26
		For 8' Door Height, Add	*117.03*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	916.84	95.55
		For 8' Door Height, Add	*174.18*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	972.83	102.55
		For 8' Door Height, Add	*184.26*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	1,044.56	109.53
		For 8' Door Height, Add	*198.12*	
08 17 23 00-0064		**Hollow Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0065		**Birch Faced** *(08 17 23 00-0064)*		
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	529.27	58.26
		For 8' Door Height, Add	*99.06*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	544.85	58.26
		For 8' Door Height, Add	*102.80*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	555.27	60.59
		For 8' Door Height, Add	*104.18*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	585.33	62.93
		For 8' Door Height, Add	*110.28*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	652.73	62.93
		For 8' Door Height, Add	*126.45*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	736.13	65.26
		For 8' Door Height, Add	*145.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	1,016.64	95.55
		For 8' Door Height, Add	*198.12*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	1,061.72	102.55
		For 8' Door Height, Add	*205.59*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	1,138.05	109.53
		For 8' Door Height, Add	*220.55*	
08 17 23 00-0075		**Lauan Faced** *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	481.16	58.26
		For 8' Door Height, Add	*87.51*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	506.29	58.26
		For 8' Door Height, Add	*93.54*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	531.34	60.59
		For 8' Door Height, Add	*98.44*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	544.07	62.93
		For 8' Door Height, Add	*100.37*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	590.05	62.93
		For 8' Door Height, Add	*111.41*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	624.42	65.26
		For 8' Door Height, Add	*118.54*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	920.39	95.55
		For 8' Door Height, Add	*175.03*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	984.61	102.55
		For 8' Door Height, Add	*187.09*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	1,055.53	109.53
		For 8' Door Height, Add	*200.75*	
08 17 23 00-0085		**Tempered Hardboard Faced** *(08 17 23 00-0064)*		
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	396.87	58.26
		For 8' Door Height, Add	*67.28*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	404.68	58.26
		For 8' Door Height, Add	*69.16*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	424.92	60.59
		For 8' Door Height, Add	*72.90*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	445.16	62.93
		For 8' Door Height, Add	*76.63*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	462.95	62.93
		For 8' Door Height, Add	*80.90*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	489.21	65.26
		For 8' Door Height, Add	*86.09*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	751.78	95.55
		For 8' Door Height, Add	*134.56*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	781.38	102.55
		For 8' Door Height, Add	*138.31*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	857.72	109.53
		For 8' Door Height, Add	*153.27*	
08 17 23 00-0095		**Solid Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0096		**Birch Faced** *(08 17 23 00-0095)*		
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	677.26	58.26
		For 8' Door Height, Add	*134.58*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	700.60	58.26
		For 8' Door Height, Add	*140.18*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	713.07	60.59
		For 8' Door Height, Add	*142.05*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	741.08	62.93
		For 8' Door Height, Add	*147.66*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	808.76	62.93
		For 8' Door Height, Add	*163.90*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	881.76	65.26
		For 8' Door Height, Add	*180.30*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,312.57	95.55
		For 8' Door Height, Add	*269.15*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,373.22	102.55
		For 8' Door Height, Add	*280.35*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,449.53	109.53
		For 8' Door Height, Add	*295.31*	
08 17 23 00-0106		**Lauan Faced** *(08 17 23 00-0095)*		
08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	689.57	58.26
		For 8' Door Height, Add	*137.53*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	691.24	58.26
		For 8' Door Height, Add	*137.93*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	712.41	60.59
		For 8' Door Height, Add	*141.89*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	729.03	62.93
		For 8' Door Height, Add	*144.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	783.54	62.93
		For 8' Door Height, Add	*157.85*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	830.28	65.26
		For 8' Door Height, Add	*167.94*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,337.23	95.55
		For 8' Door Height, Add	*275.07*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,354.50	102.55
		For 8' Door Height, Add	*275.86*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,425.43	109.53
		For 8' Door Height, Add	*289.52*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	560.43	58.26
		For 8' Door Height, Add	*106.54*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	568.20	58.26
		For 8' Door Height, Add	*108.40*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	580.67	60.59
		For 8' Door Height, Add	*110.28*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	600.92	62.93
		For 8' Door Height, Add	*114.01*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	635.77	62.93
		For 8' Door Height, Add	*122.38*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	673.07	65.26
		For 8' Door Height, Add	*130.21*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,078.89	95.55
		For 8' Door Height, Add	*213.07*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,108.43	102.55
		For 8' Door Height, Add	*216.80*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,169.19	109.53
		For 8' Door Height, Add	*228.03*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	821.56	58.26
		For 8' Door Height, Add	*169.21*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	825.87	58.26
		For 8' Door Height, Add	*170.24*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	866.97	60.59
		For 8' Door Height, Add	*178.99*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	881.16	62.93
		For 8' Door Height, Add	*181.27*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	963.04	62.93
		For 8' Door Height, Add	*200.92*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,064.71	65.26
		For 8' Door Height, Add	*224.21*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,601.21	95.55
		For 8' Door Height, Add	*338.43*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,623.80	102.55
		For 8' Door Height, Add	*340.49*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,729.69	109.53
		For 8' Door Height, Add	*362.55*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,041.76	58.26
		For 8' Door Height, Add	*222.06*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,080.22	58.26
		For 8' Door Height, Add	*231.29*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,097.78	60.59
		For 8' Door Height, Add	*234.38*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,140.97	62.93
		For 8' Door Height, Add	*243.63*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,252.64	62.93
		For 8' Door Height, Add	*270.43*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,370.07	65.26
		For 8' Door Height, Add	*297.49*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,041.56	95.55
		For 8' Door Height, Add	*444.11*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,132.47	102.55
		For 8' Door Height, Add	*462.57*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,249.31	109.53
		For 8' Door Height, Add	*487.26*	

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	28.04	4.19
		For Custom Quality, Add	*4.24*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*3.05*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	22.66	2.61
		For Custom Quality, Add	*4.05*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.91*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	31.07	4.19
		For Custom Quality, Add	*4.99*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*3.59*	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	25.65	2.61
		For Custom Quality, Add	*4.80*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*3.45*	

08 18 16 00-0010 Sliding Wood-Framed Glass Doors *(08 18 16)*

08 18 16 00-0011 Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0010)*

08 18 16 00-0012	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,509.71	125.85
08 18 16 00-0013	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	3,063.66	153.82
08 18 16 00-0014	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	3,540.77	177.12
08 18 16 00-0015	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,772.44	125.85
08 18 16 00-0016	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,402.99	153.82
08 18 16 00-0017	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,960.71	177.12

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	381.23	50.10
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	443.97	53.37
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	518.74	56.45
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	599.14	59.32
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	612.97	59.62
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	793.05	61.47

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	151.56	38.42
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	181.39	50.10
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	258.93	53.37
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	277.95	56.45
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	322.90	59.32
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	368.29	59.62

08 31 13 00-0016 Steel Access Doors *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	257.24	50.40
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	320.30	53.37
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	319.46	56.45
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	380.92	59.62
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	398.71	59.62
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	526.09	61.47
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	608.29	64.03
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	755.52	64.03
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	970.81	76.83

08 31 13 00-0027 Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	127.55	38.62
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	136.68	50.40
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	158.25	53.37
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	162.35	56.45
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	194.17	59.62
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	199.08	59.62

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	258.30	61.47
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	345.29	64.03

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	186.51	38.42
		For Recessed Doors In Acoustical Tile, Add	*14.28*	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	194.97	41.18
		For Recessed Doors In Acoustical Tile, Add	*16.04*	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	209.71	43.54
		For Recessed Doors In Acoustical Tile, Add	*16.45*	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	247.33	46.10
		For Recessed Doors In Acoustical Tile, Add	*13.61*	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	260.19	48.66
		For Recessed Doors In Acoustical Tile, Add	*14.51*	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	286.07	48.66
		For Recessed Doors In Acoustical Tile, Add	*10.63*	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	356.12	61.47
		For Recessed Doors In Acoustical Tile, Add	*14.19*	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	514.87	64.03
		For Recessed Doors In Acoustical Tile, Add	*-6.80*	

08 31 13 00-0045 Steel Crawl Space Doors And Frames *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	213.37	64.84
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	302.28	78.58
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	339.30	85.34

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	6,982.48	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	7,344.04	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	7,937.64	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,495.80	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,609.50	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,993.64	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	9,219.61	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	9,767.59	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,886.38	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,880.67	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	9,112.71	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	11,117.11	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	9,513.40	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	9,807.15	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	10,033.12	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	12,840.85	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	7,705.60	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,067.16	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,022.32	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	10,665.16	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,332.62	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,716.76	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,987.92	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	12,660.07	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,151.84	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,694.18	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,468.56	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	11,207.50	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,236.52	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,711.05	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	11,117.80	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	11,394.61	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,417.30	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,863.54	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	12,095.58	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,823.10	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,321.20	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,705.34	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	12,112.09	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	15,010.21	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,117.58	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,479.14	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,891.96	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	16,450.12	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,659.92	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	16,134.45	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	16,541.20	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	18,445.03	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,309.78	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,671.34	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,084.16	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,642.32	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,936.80	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	15,411.33	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	15,998.86	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	16,456.45	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	20,902.54	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	22,710.34	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	26,377.20	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	28,381.60	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	23,614.24	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	25,535.01	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	28,291.90	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	32,003.53	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0075		**Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill** *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,648.50	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	18,010.06	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	18,784.44	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	20,246.50	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	18,733.18	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	19,930.83	451.84
		For Motor Operator (With Safety Reverse), Add	*762.97*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	21,060.70	469.94
		For Motor Operator (With Safety Reverse), Add	*767.49*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	24,772.33	508.37
		For Motor Operator (With Safety Reverse), Add	*777.09*	
08 33 13 00-0084		**Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood** *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	25,422.04	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	26,325.94	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	29,992.80	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0088		**Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood** *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	19,094.74	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	26,325.94	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	29,992.80	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0092		**Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood** *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	16,563.82	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	18,733.18	406.70
		For Motor Operator (With Safety Reverse), Add	*751.67*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	20,049.90	432.12
		For Motor Operator (With Safety Reverse), Add	*756.80*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	22,054.30	508.37
		For Motor Operator (With Safety Reverse), Add	*776.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 33 16 Coiling Counter Grilles *(08 33)*

08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,988.49	177.93
		For Lexan Lattice Pattern, Add	*222.02*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*95.49*	
		For Staggered Brick Pattern, Add	*170.01*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,177.78	177.93
		For Lexan Lattice Pattern, Add	*250.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*131.41*	
		For Staggered Brick Pattern, Add	*230.63*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,538.30	237.21
		For Lexan Lattice Pattern, Add	*279.07*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*167.34*	
		For Staggered Brick Pattern, Add	*291.26*	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,993.84	237.21
		For Lexan Lattice Pattern, Add	*347.40*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*239.17*	
		For Staggered Brick Pattern, Add	*412.51*	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,079.04	355.86
		For Lexan Lattice Pattern, Add	*459.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*358.30*	
		For Staggered Brick Pattern, Add	*543.95*	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,620.96	406.70
		For Lexan Lattice Pattern, Add	*515.32*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*358.30*	
		For Staggered Brick Pattern, Add	*543.95*	
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,164.24	474.31
		For Lexan Lattice Pattern, Add	*571.29*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*477.42*	
		For Staggered Brick Pattern, Add	*675.39*	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,430.01	569.37
		For Lexan Lattice Pattern, Add	*720.09*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*572.92*	
		For Staggered Brick Pattern, Add	*698.39*	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,901.40	711.72
		For Lexan Lattice Pattern, Add	*880.19*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*670.58*	
		For Staggered Brick Pattern, Add	*801.67*	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,132.98	177.93
		For Lexan Lattice Pattern, Add	*243.69*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*143.22*	
		For Staggered Brick Pattern, Add	*197.51*	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,404.85	177.93
		For Lexan Lattice Pattern, Add	*284.47*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*214.82*	
		For Staggered Brick Pattern, Add	*268.63*	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,734.68	237.31
		For Lexan Lattice Pattern, Add	*308.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*286.40*	
		For Staggered Brick Pattern, Add	*339.74*	
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,259.55	237.31
		For Lexan Lattice Pattern, Add	*387.26*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*429.68*	
		For Staggered Brick Pattern, Add	*481.94*	
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,451.73	355.86
		For Lexan Lattice Pattern, Add	*515.25*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*572.92*	
		For Staggered Brick Pattern, Add	*663.46*	
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,047.14	406.70
		For Lexan Lattice Pattern, Add	*579.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*572.92*	
		For Staggered Brick Pattern, Add	*663.46*	
08 33 16 00-0017	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,640.29	474.31
		For Lexan Lattice Pattern, Add	*643.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*716.15*	
		For Staggered Brick Pattern, Add	*844.97*	
08 33 16 00-0018	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,051.61	569.37
		For Lexan Lattice Pattern, Add	*813.33*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*859.37*	
		For Staggered Brick Pattern, Add	*974.08*	
08 33 16 00-0019	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	8,520.51	711.72
		For Lexan Lattice Pattern, Add	*973.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,000.54*	
		For Staggered Brick Pattern, Add	*1,092.01*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0937 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Excludes lifting equipment (forklift or scissor lift) where required.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0001		**Galvanized Steel Overhead Coiling Doors (Width x Height)** *(08 33 23 11)* Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 23 11-0002		**26 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)*		
08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,036.98	447.00
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,109.27	473.30
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,106.96	473.30
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,182.25	499.59
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,203.24	512.75
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,304.58	552.18
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,388.45	578.47
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,365.73	578.47
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,408.48	591.62
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,458.56	604.77
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,557.14	631.07
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,455.39	604.77
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,542.01	631.07
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,639.99	657.35
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,716.03	683.65
08 33 23 11-0018		**24 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover).		
08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,416.67	665.24
		For Insulated, Add	*914.42*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,484.50	680.37
		For Insulated, Add	*944.85*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,685.28	725.72
		For Insulated, Add	*1,034.24*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,860.30	755.96
		For Insulated, Add	*1,124.68*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,581.97	695.49
		For Insulated, Add	*997.58*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,788.54	755.96
		For Insulated, Add	*1,070.86*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,934.63	786.20
		For Insulated, Add	*1,139.61*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,118.52	816.43
		For Insulated, Add	*1,236.70*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,754.62	725.72
		For Insulated, Add	*1,086.24*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,914.29	755.96
		For Insulated, Add	*1,165.17*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,134.46	816.43
		For Insulated, Add	*1,248.65*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,367.29	842.73
		For Insulated, Add	*1,387.78*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,453.70	895.32
		For Insulated, Add	*1,381.59*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,765.34	947.91
		For Insulated, Add	*1,544.33*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,089.51	1,000.50
		For Insulated, Add	*1,716.46*	
08 33 23 11-0034		**22 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover).		
08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,133.33	598.72
		For Insulated, Add	*791.73*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,293.49	631.99
		For Insulated, Add	*866.91*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,407.90	658.29
		For Insulated, Add	*917.21*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,437.63	698.51
		For Insulated, Add	*885.21*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,674.74	765.04
		For Insulated, Add	*973.22*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,822.94	791.33
		For Insulated, Add	*1,048.88*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,169.81	817.63
		For Insulated, Add	*1,273.54*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,542.97	857.06
		For Insulated, Add	*1,500.16*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,647.57	748.40
		For Insulated, Add	*975.36*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,862.47	798.29
		For Insulated, Add	*1,069.15*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,033.73	831.57
		For Insulated, Add	*1,152.66*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,367.43	857.85
		For Insulated, Add	*1,367.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,727.43	897.30
		For Insulated, Add	*1,584.19*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,120.53	864.82
		For Insulated, Add	*1,172.89*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,342.17	898.08
		For Insulated, Add	*1,294.19*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,741.55	950.68
		For Insulated, Add	*1,522.72*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,193.53	1,029.56
		For Insulated, Add	*1,755.21*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,662.67	1,134.73
		For Insulated, Add	*1,965.08*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,184.41	1,266.20
		For Insulated, Add	*2,178.90*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,758.73	1,423.97
		For Insulated, Add	*2,396.66*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,384.54	1,608.03
		For Insulated, Add	*2,617.54*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,352.56	898.08
		For Insulated, Add	*1,301.98*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,571.25	927.01
		For Insulated, Add	*1,426.95*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,066.04	979.60
		For Insulated, Add	*1,727.04*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,613.41	1,058.48
		For Insulated, Add	*2,031.08*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,159.30	1,163.66
		For Insulated, Add	*2,298.51*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,757.77	1,295.12
		For Insulated, Add	*2,569.88*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,408.85	1,452.89
		For Insulated, Add	*2,845.20*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,165.09	1,663.25
		For Insulated, Add	*3,128.40*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,080.39	1,045.74
		For Insulated, Add	*1,648.57*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,455.63	1,098.32
		For Insulated, Add	*1,859.00*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,902.69	1,150.91
		For Insulated, Add	*2,123.30*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,357.43	1,229.79
		For Insulated, Add	*2,357.87*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,889.30	1,334.97
		For Insulated, Add	*2,614.79*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,420.73	1,440.14
		For Insulated, Add	*2,871.36*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,489.91	1,571.62
		For Insulated, Add	*3,495.77*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,611.70	1,729.39
		For Insulated, Add	*4,124.12*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,892.58	1,202.59
		For Insulated, Add	*2,045.93*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,316.12	1,255.18
		For Insulated, Add	*2,292.59*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,695.95	1,307.77
		For Insulated, Add	*2,506.47*	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,141.02	1,386.65
		For Insulated, Add	*2,733.78*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,675.08	1,491.83
		For Insulated, Add	*2,992.34*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,277.96	1,597.01
		For Insulated, Add	*3,302.51*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,179.20	1,728.47
		For Insulated, Add	*3,800.95*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,139.66	1,886.24
		For Insulated, Add	*4,308.31*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,310.45	1,352.92
		For Insulated, Add	*2,156.36*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,692.05	1,405.51
		For Insulated, Add	*2,371.57*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,298.85	1,484.39
		For Insulated, Add	*2,720.18*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,873.66	1,589.57
		For Insulated, Add	*3,009.29*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,504.42	1,721.04
		For Insulated, Add	*3,304.88*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,188.24	1,878.81
		For Insulated, Add	*3,604.76*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,317.88	2,062.86
		For Insulated, Add	*4,203.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,520.26	2,273.23
		For Insulated, Add	*4,821.31*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,074.04	1,555.86
		For Insulated, Add	*2,455.09*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,780.27	1,608.45
		For Insulated, Add	*2,913.76*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,706.31	1,902.30
		For Insulated, Add	*3,211.65*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,469.21	1,981.19
		For Insulated, Add	*3,677.33*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,390.92	2,086.37
		For Insulated, Add	*4,226.62*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,413.42	2,191.54
		For Insulated, Add	*4,851.51*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,493.27	2,323.01
		For Insulated, Add	*5,483.92*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,642.38	2,480.77
		For Insulated, Add	*6,132.77*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,704.53	1,841.83
		For Insulated, Add	*2,541.95*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,504.38	1,920.71
		For Insulated, Add	*3,035.35*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,605.10	2,092.52
		For Insulated, Add	*3,628.89*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,588.02	2,171.41
		For Insulated, Add	*4,259.58*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,626.68	2,276.59
		For Insulated, Add	*4,896.59*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,765.79	2,381.77
		For Insulated, Add	*5,608.93*	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,960.80	2,513.24
		For Insulated, Add	*6,327.71*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,201.70	2,671.00
		For Insulated, Add	*7,045.40*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,387.99	2,026.01
		For Insulated, Add	*2,805.86*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,932.10	2,078.59
		For Insulated, Add	*3,142.95*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,083.92	2,131.18
		For Insulated, Add	*3,935.82*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,176.45	2,210.06
		For Insulated, Add	*4,648.72*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,280.42	2,315.24
		For Insulated, Add	*5,334.71*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,484.07	2,420.41
		For Insulated, Add	*6,095.47*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,952.16	2,565.03
		For Insulated, Add	*7,001.30*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,453.88	2,709.66
		For Insulated, Add	*7,932.35*	

08 33 23 11-0113 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,378.73	1,045.74
		For Insulated, Add	*1,872.33*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,794.48	1,098.32
		For Insulated, Add	*2,113.14*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,292.81	1,150.91
		For Insulated, Add	*2,415.90*	
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,792.11	1,229.79
		For Insulated, Add	*2,683.88*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,372.21	1,334.97
		For Insulated, Add	*2,976.97*	
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,951.80	1,440.14
		For Insulated, Add	*3,269.66*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,141.92	1,571.62
		For Insulated, Add	*3,984.77*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,384.64	1,729.39
		For Insulated, Add	*4,703.82*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,265.69	1,202.59
		For Insulated, Add	*2,325.76*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,736.98	1,255.18
		For Insulated, Add	*2,608.24*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,158.02	1,307.77
		For Insulated, Add	*2,853.03*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,646.18	1,386.65
		For Insulated, Add	*3,112.65*	
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,228.80	1,491.83
		For Insulated, Add	*3,407.63*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,890.56	1,597.01
		For Insulated, Add	*3,761.96*	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,887.54	1,728.47
		For Insulated, Add	*4,332.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,944.73	1,886.24
		For Insulated, Add	*4,912.12*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,701.13	1,352.92
		For Insulated, Add	*2,449.37*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,124.19	1,405.51
		For Insulated, Add	*2,695.67*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,798.36	1,484.39
		For Insulated, Add	*3,094.81*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,427.83	1,589.57
		For Insulated, Add	*3,424.92*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,113.77	1,721.04
		For Insulated, Add	*3,761.90*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,852.82	1,878.81
		For Insulated, Add	*4,103.19*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,096.69	2,062.86
		For Insulated, Add	*4,787.62*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,416.32	2,273.23
		For Insulated, Add	*5,493.36*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,518.38	1,555.86
		For Insulated, Add	*2,788.34*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,314.77	1,608.45
		For Insulated, Add	*3,314.64*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,139.83	1,902.30
		For Insulated, Add	*3,536.79*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,969.97	1,981.19
		For Insulated, Add	*4,052.90*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,970.72	2,086.37
		For Insulated, Add	*4,661.47*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,083.47	2,191.54
		For Insulated, Add	*5,354.05*	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,254.09	2,323.01
		For Insulated, Add	*6,054.53*	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,495.81	2,480.77
		For Insulated, Add	*6,772.84*	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,040.18	1,841.83
		For Insulated, Add	*2,793.69*	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,911.38	1,920.71
		For Insulated, Add	*3,340.60*	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,096.21	2,092.52
		For Insulated, Add	*3,997.22*	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,170.81	2,171.41
		For Insulated, Add	*4,696.68*	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,301.52	2,276.59
		For Insulated, Add	*5,402.72*	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,543.81	2,381.77
		For Insulated, Add	*6,192.45*	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,842.39	2,513.24
		For Insulated, Add	*6,988.90*	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,186.11	2,671.00
		For Insulated, Add	*7,783.71*	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,758.65	2,026.01
		For Insulated, Add	*3,083.85*	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,351.53	2,078.59
		For Insulated, Add	*3,457.52*	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,619.65	2,131.18
		For Insulated, Add	*4,337.62*	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,816.03	2,210.06
		For Insulated, Add	*5,128.41*	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,019.30	2,315.24
		For Insulated, Add	*5,888.87*	
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,333.32	2,420.41
		For Insulated, Add	*6,732.40*	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,932.39	2,565.03
		For Insulated, Add	*7,736.47*	
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,568.83	2,709.66
		For Insulated, Add	*8,768.56*	

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,317.56	598.72
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,493.94	631.99
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,956.30	658.29
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,848.92	698.51
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,117.83	765.04
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,306.32	791.33
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,535.56	817.63
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,794.04	857.06
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,116.32	748.40
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,400.04	798.29
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,653.38	831.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,882.81	857.85
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,139.51	897.30
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,734.27	864.82
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,983.37	898.08
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,313.67	950.68
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,697.83	1,029.56
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,295.30	1,134.73
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,945.27	1,266.20
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,644.14	1,423.97
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,396.67	1,608.03
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,978.79	898.08
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,477.53	927.01
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,926.32	979.60
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,429.76	1,058.48
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,108.36	1,163.66
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,841.31	1,295.12
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,368.21	1,452.89
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,002.66	1,663.25
08 33 23 11-0193		0.05" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*		
08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,544.69	1,045.74
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,140.52	1,098.32
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,724.75	1,150.91
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,315.08	1,229.79
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,995.77	1,334.97
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,676.45	1,440.14
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,419.87	1,571.62
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,216.01	1,729.39
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,301.20	1,202.59
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,924.61	1,255.18
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,521.87	1,307.77
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,190.61	1,386.65
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,964.21	1,491.83
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,781.33	1,597.01
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,616.20	1,728.47
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,458.67	1,886.24
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,922.70	1,352.92
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,591.11	1,405.51
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,377.98	1,484.39
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,206.17	1,589.57
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,096.20	1,721.04
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,033.05	1,878.81
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,021.01	2,062.86
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,067.37	2,273.23
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,764.07	1,555.86
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,445.54	1,608.45
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,565.72	1,687.33
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,345.14	1,792.51
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,313.56	1,923.98
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,360.71	2,081.75
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,413.97	2,265.80
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,550.36	2,476.17
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,984.80	1,841.83
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,879.98	1,920.71
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,065.64	2,092.52
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,046.47	2,171.41
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,078.47	2,276.59
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,120.58	2,381.77
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,160.15	2,513.24
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,259.54	2,671.00
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,801.76	2,026.01
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,349.67	2,078.59
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,677.15	2,131.18
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,777.01	2,210.06
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,869.95	2,315.24
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,962.90	2,420.41
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,259.40	2,551.89
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,652.05	2,709.66
08 33 23 11-0242		Overhead Coiling Door Accessories *(08 33 23 11)*		
08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	4.41	1.17
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	31.14	1.40
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	29.67	1.40
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	239.13	58.26
08 33 23 11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,641.52	186.45
08 33 23 11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,094.04	186.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,948.40	209.75
08 33 23 11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,319.94	209.75
08 33 23 11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,526.81	233.05
08 33 23 11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,752.20	233.05
08 33 23 11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	126.29	
08 33 23 11-0254	EA	Remote Transmitter Kit For Coiling Door Operators	312.52	93.22
08 33 23 11-0255		Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)* Note: Includes storage, cleaning and supply materials.		
08 33 23 11-0256	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	20.26	
08 33 23 13		**Overhead Rapid Coiling Doors** *(08 33 23)* Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0937 for forklift.		
08 33 23 13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)* Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
08 33 23 13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*		
08 33 23 13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,527.95	341.19
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,718.68	357.04
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,908.20	372.89
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,096.47	388.74
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,287.20	404.59
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0010		6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,718.68	357.04
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,908.20	372.89
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,096.47	388.74
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,287.20	404.59
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,666.23	436.28
08 33 23 13-0017		7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,908.20	372.89
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,096.47	388.74
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,287.20	404.59
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,666.23	436.28
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,856.97	452.13
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,096.47	388.74
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,287.20	404.59
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,666.23	436.28
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,856.97	452.13
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,045.24	467.98
08 33 23 13-0031		9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,287.20	404.59
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,666.23	436.28
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,856.97	452.13
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,045.24	467.98
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,235.98	483.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0038		**10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,476.71	420.43
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,666.23	436.28
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,856.97	452.13
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,045.24	467.98
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,235.98	483.82
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,425.49	499.67
08 33 23 13-0045		**Rytec® Bantam® Door Options** *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	7.71	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	16.95	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	24.66	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	234.25	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	463.09	46.61
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	463.09	46.61
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	1,943.35	93.22
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	253.50	46.61
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	247.33	46.61
08 33 23 13-0055		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0055)*		
08 33 23 13-0057		**6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,659.30	372.89
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,834.83	388.74
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,036.61	404.59
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,316.03	420.43
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,601.17	436.28
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,078.08	452.13
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,418.00	467.98
08 33 23 13-0065		**7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,872.50	388.74
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,094.83	404.59
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,373.11	420.43
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,667.38	436.28
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,054.11	452.13
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,519.60	467.98
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,888.06	483.82
08 33 23 13-0073		**8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,131.36	404.59
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,408.50	420.43
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,714.18	436.28
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,112.33	452.13
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,471.66	467.98
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,978.25	483.82
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,394.66	499.67
08 33 23 13-0081		**9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,446.18	420.43
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,749.57	436.28
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,147.72	452.13
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,518.46	467.98
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,907.47	483.82
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,311.32	499.67
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,753.98	515.52

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0089		10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,779.25	436.28
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,185.39	452.13
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,552.71	467.98
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,945.14	483.82
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,379.82	499.67
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,470.87	515.52
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,206.93	531.36
08 33 23 13-0097		11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,207.08	452.13
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,583.53	467.98
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,980.53	483.82
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,416.35	499.67
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,703.75	515.52
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,268.57	531.36
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,731.79	547.21
08 33 23 13-0105		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,593.81	467.98
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,001.08	483.82
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,444.89	499.67
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,742.57	515.52
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,132.73	531.36
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,784.31	547.21
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,238.38	563.06
08 33 23 13-0113		Rytec® PredaDoor® Door Options *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	557.46	93.22
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	802.91	93.22
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	9.25	
08 33 23 13-0117		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0117)*		
08 33 23 13-0119		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,242.33	839.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,975.96	862.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,615.98	886.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,303.96	910.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,083.26	934.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,494.96	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,134.98	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,706.46	1,007.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,613.24	1,033.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,347.54	1,060.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,255.84	1,087.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0131		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,975.96	862.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,615.98	886.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,303.96	910.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,083.26	934.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,494.96	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,134.98	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,958.81	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,613.24	1,033.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,347.54	1,060.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,255.84	1,087.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,336.96	1,116.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,615.98	886.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,303.96	910.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,083.26	934.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,494.96	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,134.98	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,958.81	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,736.97	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,346.50	1,059.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,254.78	1,087.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,335.87	1,115.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,248.28	1,144.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0155		11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,303.96	910.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,083.26	934.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,494.96	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,134.98	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,958.81	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,736.97	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,606.46	1,052.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,252.24	1,085.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,333.26	1,114.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,245.61	1,143.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,328.37	1,172.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,083.26	934.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,494.96	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,134.98	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,958.81	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,736.97	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,606.46	1,052.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,232.78	1,076.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,329.36	1,112.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,241.59	1,141.16
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,324.25	1,170.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,408.45	1,201.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,965.29	957.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,782.26	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,557.00	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,456.17	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,351.91	1,052.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,018.19	1,076.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,525.79	1,100.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,306.75	1,138.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,390.51	1,168.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,479.51	1,198.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,439.38	1,229.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,782.26	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,557.00	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,456.17	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,351.91	1,052.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,018.19	1,076.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,525.79	1,100.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,277.68	1,124.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,383.91	1,164.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,472.73	1,195.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,432.44	1,226.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,514.48	1,258.16
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,509.82	981.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,409.31	1,005.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,305.10	1,029.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,971.56	1,052.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,478.98	1,076.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,230.51	1,100.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,354.32	1,150.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,465.75	1,191.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,425.26	1,222.68
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,507.12	1,254.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,974.17	1,287.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,453.12	1,027.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,351.11	1,052.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,019.79	1,077.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,529.42	1,101.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,283.17	1,126.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,357.47	1,151.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,435.48	1,176.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,418.11	1,219.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,499.78	1,250.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,966.65	1,283.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,442.60	1,316.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0227		17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,267.24	1,050.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,018.43	1,076.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,926.20	1,101.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,922.75	1,127.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,837.92	1,152.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,195.70	1,178.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,504.17	1,203.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,492.47	1,247.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,959.15	1,279.57
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,434.91	1,312.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,866.77	1,346.98
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0239		18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,255.06	1,075.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,245.37	1,101.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,323.22	1,127.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,397.38	1,153.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,517.15	1,179.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,105.42	1,205.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,738.09	1,231.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,549.62	1,275.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,427.22	1,309.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,818.20	1,343.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,254.10	1,377.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0251		19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,242.76	1,099.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,321.81	1,126.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,397.16	1,153.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,518.13	1,179.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,107.60	1,206.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,741.46	1,233.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,517.22	1,259.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,419.57	1,305.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,810.35	1,339.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,246.04	1,373.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,683.55	1,409.66
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0263		20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,319.13	1,125.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,395.72	1,152.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,517.91	1,179.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,108.60	1,206.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,743.69	1,234.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,520.67	1,261.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,386.42	1,288.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,802.51	1,335.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,238.01	1,369.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,675.31	1,405.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,941.86	1,442.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0275		21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,863.93	1,206.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,455.88	1,234.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,090.98	1,262.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,871.68	1,290.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,737.45	1,318.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,155.70	1,365.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,592.80	1,401.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,031.73	1,437.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,299.95	1,475.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,112.90	1,234.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,707.36	1,263.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,342.51	1,291.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,123.26	1,320.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,992.78	1,348.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,413.22	1,397.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,851.95	1,433.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,291.33	1,470.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,562.50	1,509.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,364.38	1,262.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,958.91	1,292.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,596.61	1,321.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,378.67	1,350.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,248.28	1,379.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,672.19	1,429.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,111.35	1,466.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,553.68	1,504.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,826.62	1,543.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0305		24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,615.92	1,291.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,211.81	1,321.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,852.08	1,351.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,635.49	1,381.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,505.19	1,411.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,930.17	1,462.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,372.27	1,500.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,817.59	1,539.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,089.86	1,579.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0315		Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*		
08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	34.25	
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	371.01	
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	616.46	
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	906.55	
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,356.20	
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	216.90	
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	428.09	
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	542.25	
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	856.19	
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	251.15	
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	496.59	
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	616.46	
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	993.18	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	696.52	
		For 304 Stainless Steel, Add	*111.44*	
		For 316 Stainless Steel, Add	*487.56*	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	905.48	
		For 304 Stainless Steel, Add	*144.88*	
		For 316 Stainless Steel, Add	*633.84*	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,184.09	
		For 304 Stainless Steel, Add	*189.45*	
		For 316 Stainless Steel, Add	*828.86*	
08 33 23 13-0332	EA	Through Wall Brake Release	127.59	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box, Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	19,990.27	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0334		High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*		
		Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.		
08 33 23 13-0335		High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*		
08 33 23 13-0336		8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	21,404.57	839.00
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	21,597.60	862.77
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	21,934.87	886.54
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,272.15	910.32
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,610.66	934.08
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,947.93	957.86
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,139.72	981.63
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,481.74	1,007.16
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,113.58	1,033.34
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,312.80	1,060.20
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,803.14	1,087.77
08 33 23 13-0348		9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	21,597.60	862.77
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	21,789.39	886.54
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,127.90	910.32
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,610.66	934.08
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,802.45	957.86
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,139.72	981.63
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,478.24	1,005.40
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,823.85	1,033.34
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,602.54	1,060.20
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,383.84	1,087.77
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,165.36	1,116.05
08 33 23 13-0360		10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,659.82	886.54
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,852.85	910.32
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,190.13	934.08
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,672.89	957.86
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,010.16	981.63
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,348.68	1,005.40
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,685.96	1,029.17
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,182.21	1,059.68
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,816.77	1,087.24
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,743.74	1,115.50
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,527.94	1,144.51
08 33 23 13-0372		11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,707.37	910.32
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,044.64	934.08
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,383.15	957.86
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,865.91	981.63
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,203.19	1,005.40
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,540.48	1,029.17
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,314.20	1,052.94
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,249.44	1,085.97
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,176.36	1,114.20
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,104.73	1,143.17
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,889.12	1,172.89
08 33 23 13-0384		12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	22,900.39	934.08
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,237.67	957.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,574.94	981.63
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,057.71	1,005.40
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,540.48	1,029.17
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,458.45	1,052.94
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,376.43	1,076.71
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,317.93	1,112.25
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,390.44	1,141.17
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,320.22	1,170.84
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,251.54	1,201.28
08 33 23 13-0396		13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,237.67	957.86
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,430.69	981.63
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,767.98	1,005.40
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,396.23	1,029.17
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,458.45	1,052.94
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,521.91	1,076.71
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,439.89	1,100.49
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,530.82	1,138.60
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,605.94	1,168.21
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,681.37	1,198.59
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,614.13	1,229.75
08 33 23 13-0408		14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,430.69	981.63
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,622.49	1,005.40
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,105.26	1,029.17
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,023.23	1,052.94
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,376.43	1,076.71
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,439.89	1,100.49
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,647.59	1,124.26
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,743.58	1,164.91
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,820.08	1,195.20
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,896.91	1,226.27
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,122.08	1,258.16
08 33 23 13-0420		15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,346.29	1,004.20
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,684.66	1,028.53
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,168.51	1,052.84
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,796.63	1,077.16
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,296.39	1,101.48
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,505.19	1,125.79
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,714.00	1,150.12
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,813.10	1,191.71
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,035.23	1,222.68
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,258.98	1,254.48
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,484.39	1,287.09
08 33 23 13-0432		16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,536.74	1,027.30
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,021.70	1,052.18
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,506.68	1,077.06
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,716.61	1,101.93
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,361.75	1,126.81
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,572.90	1,151.69
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,782.83	1,176.56
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,028.08	1,219.11
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,251.64	1,250.81
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,476.86	1,283.33
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,849.24	1,316.70
08 33 23 13-0444		17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,874.94	1,050.93
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,215.58	1,076.38
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,426.65	1,101.83
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,637.72	1,127.28
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,284.00	1,152.73
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,640.55	1,178.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,851.63	1,203.63
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,244.33	1,247.16
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,469.35	1,279.57
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,841.55	1,312.85
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,215.46	1,346.98
08 33 23 13-0456		**18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,213.03	1,075.11
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,554.83	1,101.14
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,202.29	1,127.18
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,560.01	1,153.20
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,207.48	1,179.24
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,565.19	1,205.28
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,068.41	1,231.32
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,461.87	1,275.83
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,833.86	1,309.01
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,207.58	1,343.04
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,583.07	1,377.96
08 33 23 13-0468		**19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,841.96	1,099.82
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,330.43	1,126.47
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,124.57	1,153.10
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,483.50	1,179.73
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,277.64	1,206.37
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,636.56	1,233.00
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,139.73	1,259.64
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,536.47	1,305.18
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,054.25	1,339.11
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,429.53	1,373.93
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,952.11	1,409.66
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,762.98	1,125.13
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,252.70	1,152.37
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,902.57	1,179.62
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,408.21	1,206.86
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,203.56	1,234.11
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,707.96	1,261.36
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,213.59	1,288.61
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,756.68	1,335.20
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,277.25	1,369.92
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,798.38	1,405.53
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,321.37	1,442.08
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,960.22	1,151.00
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,321.63	1,178.87
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,683.02	1,206.75
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,334.15	1,234.62
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,130.77	1,262.49
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,781.90	1,290.37
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,287.55	1,318.24
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,978.27	1,365.91
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,500.44	1,401.43
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,023.21	1,437.86
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,693.36	1,475.24
08 33 23 13-0504		**22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,302.90	1,177.48
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,520.10	1,206.00
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,608.96	1,234.50
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,261.37	1,263.02
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,203.53	1,291.53
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,855.94	1,320.05
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,364.10	1,348.56
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,057.02	1,397.32
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,725.07	1,433.65
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,394.99	1,470.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,066.87	1,509.17
08 33 23 13-0516		**23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,372.99	1,204.55
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,446.01	1,233.73
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,390.70	1,262.90
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,189.91	1,292.07
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,133.38	1,321.24
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,787.09	1,350.41
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,586.31	1,379.59
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,281.47	1,429.47
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,951.19	1,466.63
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,768.32	1,504.76
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,441.95	1,543.88
08 33 23 13-0528		**24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,298.83	1,232.26
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,083.46	1,262.11
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,319.23	1,291.95
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,974.30	1,321.78
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,064.58	1,351.63
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,865.14	1,381.46
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,664.46	1,411.31
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,507.39	1,462.34
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,178.82	1,500.36
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,997.70	1,539.37
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,818.62	1,579.40
08 33 23 13-0540		**Rytec® Powerhouse™ Door Options** *(08 33 23 13-0334)*		
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	1,886.35	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	1,923.34	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	1,960.33	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	1,997.32	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,034.30	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,071.29	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,108.28	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,145.26	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,182.25	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,219.24	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,256.23	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,293.21	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,330.20	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,367.19	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,404.18	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,441.16	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,478.15	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	431.52	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,060.30	
08 33 23 13-0560		**Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)** *(08 33 23 13)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0561		**Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)** *(08 33 23 13-0560)*		
08 33 23 13-0562		**8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,099.78	1,118.67
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,764.91	1,142.43
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,430.06	1,166.21
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,096.34	1,189.98
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,761.48	1,213.75
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,325.80	1,261.29
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,988.15	1,286.52
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,651.14	1,312.25
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,315.15	1,338.49
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,980.21	1,365.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0574		**9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,764.91	1,142.43
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,430.06	1,166.21
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,096.34	1,189.98
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,761.48	1,213.75
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,091.75	1,261.29
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,990.95	1,285.07
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,644.15	1,310.77
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,319.52	1,336.98
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,984.52	1,363.73
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,650.59	1,390.99
08 33 23 13-0586		**10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,430.06	1,166.21
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,096.34	1,189.98
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,761.48	1,213.75
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,091.75	1,261.29
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,756.90	1,285.07
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,656.10	1,308.83
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,320.52	1,335.01
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,985.43	1,361.71
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,651.44	1,388.96
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,318.52	1,416.72
08 33 23 13-0598		**11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,096.34	1,189.98
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,761.48	1,213.75
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,091.75	1,261.29
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,756.90	1,285.07
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,422.04	1,308.83
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,320.09	1,332.61
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,986.70	1,359.26
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,652.59	1,386.44
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.57	1,414.18
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,987.66	1,442.47
08 33 23 13-0610		**12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,761.48	1,213.75
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,091.75	1,261.29
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,756.90	1,285.07
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,422.04	1,308.83
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,087.18	1,332.61
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,986.37	1,356.38
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,652.89	1,383.51
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.75	1,411.18
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,987.72	1,439.40
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,658.05	1,468.19
08 33 23 13-0622		**13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,426.61	1,237.53
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,091.75	1,261.29
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,756.90	1,285.07
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,422.04	1,308.83
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,087.18	1,332.61
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,752.32	1,356.38
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,651.52	1,380.15
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.06	1,407.75
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,986.89	1,435.91
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,655.86	1,464.63
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,325.96	1,493.92
08 33 23 13-0634		**14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,325.80	1,261.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,990.95	1,285.07
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,656.10	1,308.83
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,320.09	1,332.61
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,986.37	1,356.38
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,651.52	1,380.15
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,310.95	1,403.93
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,979.08	1,432.00
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,647.88	1,460.64
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83	1,489.86
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,988.96	1,519.65
08 33 23 13-0646		15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,988.15	1,286.52
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,655.56	1,310.77
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,320.52	1,335.01
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,986.70	1,359.26
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,652.89	1,383.51
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.06	1,407.75
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,979.08	1,432.00
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,647.88	1,460.64
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83	1,489.86
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,988.96	1,519.65
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,661.26	1,550.05
08 33 23 13-0658		16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,651.14	1,312.25
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,319.52	1,336.98
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,985.43	1,361.71
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,652.59	1,386.44
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.75	1,411.18
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,986.89	1,435.91
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,647.88	1,460.64
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83	1,489.86
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,988.96	1,519.65
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,661.26	1,550.05
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,336.02	1,581.05
08 33 23 13-0670		17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,315.15	1,338.49
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,984.52	1,363.73
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,651.44	1,388.96
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,319.57	1,414.18
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,987.72	1,439.40
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,655.86	1,464.63
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,317.83	1,489.86
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,988.96	1,519.65
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,661.26	1,550.05
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,336.02	1,581.05
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,010.78	1,612.67
08 33 23 13-0682		18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,117.07	1,365.26
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,786.21	1,390.99
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,455.37	1,416.72
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,123.28	1,442.47
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,793.67	1,468.19
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,461.58	1,493.92
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,125.81	1,519.65
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,798.12	1,550.05
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,471.64	1,581.05
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,146.40	1,612.67
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,822.44	1,644.93
08 33 23 13-0694		19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,986.63	1,392.57
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,658.04	1,418.82
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,327.00	1,445.06
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,997.18	1,471.30
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,667.35	1,497.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,337.52	1,523.80
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,001.55	1,550.05
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,675.07	1,581.05
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,349.83	1,612.67
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,025.87	1,644.93
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,704.42	1,677.82
08 33 23 13-0706		20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,061.59	1,420.71
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,734.57	1,446.80
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,404.16	1,473.85
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,075.92	1,500.88
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,746.74	1,527.91
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,417.57	1,554.01
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.16	1,581.05
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,758.08	1,612.74
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,433.92	1,645.37
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,111.64	1,678.00
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,790.28	1,711.56
08 33 23 13-0718		Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0560)*		
08 33 23 13-0719		8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	23,104.02	745.78
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	23,611.76	761.62
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,119.49	777.47
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,624.95	793.32
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,132.69	809.16
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,906.28	840.86
08 33 23 13-0727		9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	23,611.76	761.62
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,119.49	777.47
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,624.95	793.32
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,132.69	809.16
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,148.16	840.86
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,414.01	856.71
08 33 23 13-0735		10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,119.49	777.47
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,624.95	793.32
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,132.69	809.16
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,148.16	840.86
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,655.89	856.71
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,921.74	872.56
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	24,624.95	793.32
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,132.69	809.16
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,148.16	840.86
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,655.89	856.71
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,163.62	872.56
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	32,427.20	888.41
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,132.69	809.16
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,148.16	840.86
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,655.89	856.71
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,163.62	872.56
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,671.36	888.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	32,934.94	904.26
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,640.42	825.01
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,148.16	840.86
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,655.89	856.71
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,163.62	872.56
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,671.36	888.41
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,179.10	904.26
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,442.68	920.10
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,906.28	840.86
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,414.01	856.71
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,921.74	872.56
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	32,427.20	888.41
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	32,934.94	904.26
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,442.68	920.10
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,950.41	935.95
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)*		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	21,472.69	745.78
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	21,980.44	761.62
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,488.17	777.47
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,994.76	793.32
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,502.51	809.16
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,000.70	820.82
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,453.25	825.01
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	21,980.44	761.62
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,488.17	777.47
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,994.76	793.32
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,502.51	809.16
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,009.09	825.01
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,504.71	834.80
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,250.90	840.86
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,488.17	777.47
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,994.76	793.32
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,502.51	809.16
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,009.09	825.01
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,516.83	840.86
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,016.18	852.51
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,900.19	856.71
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	22,994.76	793.32
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,502.51	809.16
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,009.09	825.01
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,516.83	840.86
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,024.57	856.71
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,523.91	868.36
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,549.47	872.56
08 33 23 13-0808		12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,502.51	809.16
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,009.09	825.01
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,516.83	840.86
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,024.57	856.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,532.30	872.56
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,029.79	883.27
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,198.77	888.41
08 33 23 13-0816		13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,009.09	825.01
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,516.83	840.86
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,024.57	856.71
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,532.30	872.56
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,040.04	888.41
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,538.46	899.59
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,848.07	904.26
08 33 23 13-0824		14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,484.95	840.86
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,134.24	856.71
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,783.53	872.56
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,431.68	888.41
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,082.12	904.26
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,723.03	915.90
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,731.42	920.10
08 33 23 13-0832		Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0560)*		
08 33 23 13-0833		8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	28,721.62	745.78
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	29,366.07	761.62
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,009.29	777.47
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,991.56	793.32
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,975.07	809.16
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,958.56	825.01
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,942.07	840.86
08 33 23 13-0841		9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	29,366.07	761.62
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,009.29	777.47
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,652.51	793.32
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,636.02	809.16
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,618.28	825.01
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,601.79	840.86
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,591.45	856.71
08 33 23 13-0849		10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,009.29	777.47
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,652.51	793.32
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,295.73	809.16
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,279.23	825.01
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,261.51	840.86
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,245.00	856.71
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,240.83	872.56
08 33 23 13-0857		11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	30,652.51	793.32
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,295.73	809.16
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,938.95	825.01
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,922.45	840.86
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,905.95	856.71
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,888.22	872.56
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,888.98	888.41
08 33 23 13-0865		12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,295.73	809.16
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,938.95	825.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,582.17	840.86
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,565.67	856.71
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,549.17	872.56
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,531.44	888.41
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,539.61	904.26
08 33 23 13-0873		13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	31,938.95	825.01
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,582.17	840.86
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,225.39	856.71
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,208.88	872.56
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,192.39	888.41
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,175.90	904.26
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,188.99	920.10
08 33 23 13-0881		14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,582.17	840.86
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,225.39	856.71
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,868.60	872.56
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,852.11	888.41
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,835.61	904.26
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,819.12	920.10
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,832.21	935.95
08 33 23 13-0889		Rytec® Spiral® Door Options *(08 33 23 13-0560)*		
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	371.01	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	251.15	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	371.01	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	251.15	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	371.01	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	709.68	46.61
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	2,035.82	93.22
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,639.74	93.22
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	4,136.33	93.22
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	431.52	
08 33 23 13-0900		Activation And Control Box Options For High Speed Doors *(08 33 23 13)*		
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	184.55	46.61
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	137.94	23.30
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	172.18	23.30
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	120.81	23.30
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	183.60	23.30
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	297.76	23.30
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	326.30	23.30
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	510.84	41.95
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	697.29	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	442.01	41.95
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	573.63	41.95
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	489.73	27.97
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	344.37	46.61
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	464.23	46.61
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	527.02	46.61
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	652.60	46.61

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0937 for forklift.

08 33 26 00-0001		Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*		
08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,450.31	213.52
		For Lexan Lattice Pattern, Add	*276.11*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*190.97*	
		For Staggered Brick Pattern, Add	*258.51*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,778.75	213.52
		For Lexan Lattice Pattern, Add	*325.38*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*286.47*	
		For Staggered Brick Pattern, Add	*350.10*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,343.61	266.89
		For Lexan Lattice Pattern, Add	*387.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*381.95*	
		For Staggered Brick Pattern, Add	*441.69*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,817.28	266.89
		For Lexan Lattice Pattern, Add	*458.10*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*624.87*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,251.00	427.03
		For Lexan Lattice Pattern, Add	*604.34*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*763.89*	
		For Staggered Brick Pattern, Add	*881.22*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,526.00	533.79
		For Lexan Lattice Pattern, Add	*750.59*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*954.86*	
		For Staggered Brick Pattern, Add	*1,137.55*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,228.25	640.54
		For Lexan Lattice Pattern, Add	*959.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,145.84*	
		For Staggered Brick Pattern, Add	*1,279.60*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,031.78	782.89
		For Lexan Lattice Pattern, Add	*1,170.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,327.14*	
		For Staggered Brick Pattern, Add	*1,395.57*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,688.37	213.52
		For Lexan Lattice Pattern, Add	*311.82*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*238.71*	
		For Staggered Brick Pattern, Add	*307.12*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,123.66	213.52
		For Lexan Lattice Pattern, Add	*377.12*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*358.06*	
		For Staggered Brick Pattern, Add	*436.12*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,726.06	266.89
		For Lexan Lattice Pattern, Add	*444.75*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*477.44*	
		For Staggered Brick Pattern, Add	*565.13*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,319.27	266.89
		For Lexan Lattice Pattern, Add	*533.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*716.15*	
		For Staggered Brick Pattern, Add	*823.14*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,910.30	427.03
		For Lexan Lattice Pattern, Add	*703.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*954.86*	
		For Staggered Brick Pattern, Add	*1,135.00*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,340.33	533.79
		For Lexan Lattice Pattern, Add	*872.74*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,193.58*	
		For Staggered Brick Pattern, Add	*1,446.84*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,212.14	640.54
		For Lexan Lattice Pattern, Add	*1,107.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,432.47*	
		For Staggered Brick Pattern, Add	*1,675.56*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,551.01	782.89
		For Lexan Lattice Pattern, Add	*1,398.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,677.21*	
		For Staggered Brick Pattern, Add	*1,877.00*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,960.98	213.52
		For Lexan Lattice Pattern, Add	*352.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*286.47*	
		For Staggered Brick Pattern, Add	*355.01*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,039.89	213.52
		For Lexan Lattice Pattern, Add	*364.55*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*429.68*	
		For Staggered Brick Pattern, Add	*520.70*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,701.97	266.89
		For Lexan Lattice Pattern, Add	*440.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*572.90*	
		For Staggered Brick Pattern, Add	*686.38*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,888.19	266.89
		For Lexan Lattice Pattern, Add	*618.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*859.34*	
		For Staggered Brick Pattern, Add	*1,017.75*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,842.30	427.03
		For Lexan Lattice Pattern, Add	*843.04*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,145.82*	
		For Staggered Brick Pattern, Add	*1,414.97*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,637.69	533.79
		For Lexan Lattice Pattern, Add	*1,067.34*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,432.29*	
		For Staggered Brick Pattern, Add	*1,812.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,472.94	640.54
		For Lexan Lattice Pattern, Add	*1,296.64*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,718.75*	
		For Staggered Brick Pattern, Add	*1,916.14*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	13,052.02	782.89
		For Lexan Lattice Pattern, Add	*1,623.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,991.78*	
		For Staggered Brick Pattern, Add	*2,087.65*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,448.57	213.52
		For Lexan Lattice Pattern, Add	*425.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*334.07*	
		For Staggered Brick Pattern, Add	*656.64*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,980.98	213.52
		For Lexan Lattice Pattern, Add	*505.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*501.22*	
		For Staggered Brick Pattern, Add	*806.27*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,670.62	266.89
		For Lexan Lattice Pattern, Add	*586.44*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*668.34*	
		For Staggered Brick Pattern, Add	*938.84*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,788.93	266.89
		For Lexan Lattice Pattern, Add	*754.18*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,002.60*	
		For Staggered Brick Pattern, Add	*1,190.51*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,772.19	427.03
		For Lexan Lattice Pattern, Add	*982.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,336.81*	
		For Staggered Brick Pattern, Add	*1,592.69*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,594.47	533.79
		For Lexan Lattice Pattern, Add	*1,210.86*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,671.00*	
		For Staggered Brick Pattern, Add	*1,994.87*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,466.32	640.54
		For Lexan Lattice Pattern, Add	*1,445.65*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,005.21*	
		For Staggered Brick Pattern, Add	*2,262.40*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	14,670.35	782.89
		For Lexan Lattice Pattern, Add	*1,866.10*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,367.17*	
		For Staggered Brick Pattern, Add	*2,584.90*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	122.46	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,157.23	597.03
		For Lexan Lattice Pattern, Add	*367.69*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*572.92*	
		For Staggered Brick Pattern, Add	*624.87*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	5,790.39	766.92
		For Lexan Lattice Pattern, Add	*539.87*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*878.80*	
		For Staggered Brick Pattern, Add	*1,000.84*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,490.11	967.02
		For Lexan Lattice Pattern, Add	*709.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,145.84*	
		For Staggered Brick Pattern, Add	*1,279.60*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	8,960.48	1,067.58
		For Lexan Lattice Pattern, Add	*886.36*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,327.14*	
		For Staggered Brick Pattern, Add	*1,395.57*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,006.74	680.71
		For Lexan Lattice Pattern, Add	*459.29*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*716.15*	
		For Staggered Brick Pattern, Add	*823.14*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,000.97	874.29
		For Lexan Lattice Pattern, Add	*675.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,054.70*	
		For Staggered Brick Pattern, Add	*1,249.92*	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	8,951.35	1,102.04
		For Lexan Lattice Pattern, Add	*870.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,432.47*	
		For Staggered Brick Pattern, Add	*1,675.56*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	10,875.69	1,217.04
		For Lexan Lattice Pattern, Add	*1,107.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,677.21*	
		For Staggered Brick Pattern, Add	*1,877.00*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	5,866.67	766.92
		For Lexan Lattice Pattern, Add	*551.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*859.34*	
		For Staggered Brick Pattern, Add	*1,017.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,217.62	985.02
		For Lexan Lattice Pattern, Add	*809.00*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,268.84*	
		For Staggered Brick Pattern, Add	*1,551.81*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	10,621.19	1,241.95
		For Lexan Lattice Pattern, Add	*1,063.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,718.75*	
		For Staggered Brick Pattern, Add	*1,916.14*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	12,780.11	1,370.06
		For Lexan Lattice Pattern, Add	*1,329.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,991.78*	
		For Staggered Brick Pattern, Add	*2,087.65*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	6,718.29	847.96
		For Lexan Lattice Pattern, Add	*644.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,002.60*	
		For Staggered Brick Pattern, Add	*1,190.51*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	9,433.90	1,088.93
		For Lexan Lattice Pattern, Add	*944.37*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,450.13*	
		For Staggered Brick Pattern, Add	*1,724.17*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	12,183.19	1,372.90
		For Lexan Lattice Pattern, Add	*1,240.90*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,005.21*	
		For Staggered Brick Pattern, Add	*2,262.40*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	14,665.68	1,515.95
		For Lexan Lattice Pattern, Add	*1,550.32*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,367.17*	
		For Staggered Brick Pattern, Add	*2,584.90*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	14,018.44	597.03
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	14,539.67	597.03
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	15,060.89	597.03

08 34 Special Function Doors *(08 30)*

08 34 13 Cold Storage Doors *(08 34)*

08 34 13 00-0001 Vertical Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,725.04	828.00
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*413.19*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	8,627.57	1,051.17
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*525.58*	

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,402.30	661.29
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,088.37	745.70
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	7,869.29	982.73
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	4,708.38	600.84

08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	2,701.91	390.82

08 34 16 Hangar Doors *(08 34)*

08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	81.54	17.02
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	72.28	17.02
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	77.53	3.65
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	84.34	2.43
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	90.81	2.43
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	144.75	2.43

08 34 23 Sidewalk and Basement Doors *(08 34)*

08 34 23 00-0001 Drainage Doors *(08 34 23)*

08 34 23 00-0002 Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,108.73	166.03
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,365.59	173.49
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,450.64	177.21
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,600.74	180.94
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,867.60	190.27
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,904.44	185.88
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,120.49	190.27
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,213.74	194.65
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,429.81	199.03
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,822.31	210.21
08 34 23 00-0013		**Double Leaf Aluminum Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,265.71	185.88
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,379.23	199.03
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,019.73	221.41
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,106.43	221.41
08 34 23 00-0018		**Single Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,780.68	166.03
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,080.90	173.49
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,267.13	177.21
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,568.97	180.94
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,973.12	190.27
08 34 23 00-0024		**Double Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,973.80	185.88
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,983.26	199.03
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,671.43	221.41
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,339.07	221.41
08 34 23 00-0029		**Single Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,607.54	166.03
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,689.18	173.49
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,885.97	177.21
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,092.85	180.94
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,438.92	190.27
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,321.71	185.88
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,650.27	190.27
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,636.69	194.65
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,945.14	199.03
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,143.07	210.21
08 34 23 00-0040		**Double Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,865.16	185.88
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,005.52	199.03
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,753.63	221.41
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,864.33	221.41
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,774.95	166.03
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,937.11	173.49
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,043.35	177.21
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,592.40	180.94
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,240.40	190.27
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,676.66	185.88
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,229.64	199.03
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,789.25	221.41
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,587.97	221.41
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)*		
		Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,928.09	166.03
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,308.55	173.49
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,454.28	177.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,602.73	180.94
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,956.31	190.27
08 34 23 00-0062		Non-Drainage Doors *(08 34 23)*		
08 34 23 00-0063		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,065.45	166.03
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,293.34	173.49
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,385.67	177.21
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,441.82	180.94
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,817.02	190.27
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,637.14	185.88
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,831.47	190.27
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,054.68	194.65
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,176.99	199.03
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,475.74	210.21
08 34 23 00-0074		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	870.37	166.03
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,047.67	173.49
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,161.68	177.21
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,239.51	180.94
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,441.31	190.27
08 34 23 00-0080		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,085.11	185.88
08 34 23 00-0082		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,996.36	199.03
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,810.29	221.41
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,868.09	221.41
08 34 23 00-0086		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	957.07	166.03
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,119.93	173.49
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,197.81	177.21
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,311.76	180.94
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,535.24	190.27
08 34 23 00-0092		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,119.19	199.03
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,962.02	221.41
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	3,005.37	221.41
08 34 23 00-0096		Single Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,084.29	166.03
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,216.18	173.49
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,372.77	177.21
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,458.85	180.94
08 34 23 00-0101	EA	2' 6" x 4' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,670.19	180.94
08 34 23 00-0102		Double Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0103	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,231.14	185.88
08 34 23 00-0104		Basement Doors *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,459.55	209.75
08 34 23 00-0106	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	1,233.69	158.94
08 34 23 00-0107	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	1,279.49	174.79
08 34 23 00-0108	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,367.24	186.45
08 34 23 00-0109	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,512.46	209.75

08 34 53 Security Doors and Frames *(08 34)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 53 00-0001		**Metal Security Doors, Bullet Resistant** *(08 34 53)*		
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	72.49	8.34
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	2,971.65	416.35
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,526.03	441.97
08 34 53 00-0005		**Metal Security Doors** *(08 34 53)*		
		Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	957.60	76.25
		Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	957.60	76.25
		Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,360.16	76.25
		Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		**Pivoting Double Folding Gate** *(08 34 56)*		
		Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,019.46	177.62
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,144.38	199.83
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,229.03	222.03
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,353.93	244.23
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,164.67	179.84
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,249.52	202.05
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,369.93	224.25
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,459.52	246.45
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,229.48	182.06
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,314.08	204.27
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,386.66	215.36
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,459.50	226.47
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,554.25	248.67
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,354.76	184.28
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,439.12	206.48
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,521.71	217.58
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,625.20	228.69
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,769.81	250.89
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,544.93	188.72
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,653.75	213.14
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,780.97	226.47
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,855.63	233.13
08 34 56 00-0024		**Pivoting Single Folding Gate** *(08 34 56)*		
		Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	691.49	124.33
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	740.63	128.77
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	789.76	133.21
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	847.80	142.10
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	885.68	150.98
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	740.50	128.77
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	789.82	133.21
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	838.96	137.66
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	896.93	146.54
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	935.03	155.42
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	809.75	133.21
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	859.09	137.66
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	908.16	142.10
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	966.29	150.98
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	1,024.51	159.85
08 34 56 00-0040		**Window Gates, Expands From 2' To 4'** *(08 34 56)*		
		Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	281.43	48.85
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	290.32	53.29
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	290.32	53.29
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	299.99	57.73
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	299.99	57.73
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	308.86	62.17
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	308.87	62.17
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	317.74	66.61
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	317.74	66.61
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	326.63	71.04
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	326.63	71.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0052		Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)*		
		Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	335.51	75.49
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	337.97	75.49
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	350.11	79.93
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	362.25	84.37
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	365.51	84.37
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	377.65	88.81
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	380.91	88.81
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	392.05	93.25
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	396.31	93.25
08 34 73		**Sound Control Door Assemblies** *(08 34)*		
08 34 73 13		**Metal Sound Control Door Assemblies** *(08 34 73)*		
08 34 73 13-0001		Steel Acoustical Door Assembly *(08 34 73 13)*		
		Note: Includes seal.		
08 34 73 13-0002		Steel Acoustical Doors *(08 34 73 13-0001)*		
		Note: Includes hinges.		
08 34 73 13-0003	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	3,259.07	55.93
		For 60 Minutes Fire Rated, Add	*190.10*	
		For 3" x 33" Vision Lite, Add	*1,320.95*	
		For 20" x 64" Vision Lite, Add	*1,413.57*	
08 34 73 13-0004	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated)	3,453.84	58.26
		For 60 Minutes Fire Rated, Add	*190.10*	
		For 3" x 33" Vision Lite, Add	*1,320.95*	
		For 20" x 64" Vision Lite, Add	*1,413.57*	
08 34 73 13-0005	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated)	3,653.26	62.93
		For 60 Minutes Fire Rated, Add	*190.10*	
		For 3" x 33" Vision Lite, Add	*1,320.95*	
		For 20" x 64" Vision Lite, Add	*1,413.57*	
08 34 73 13-0006	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	6,506.97	106.28
		For 1 Hour Fire Rated, Add	*380.20*	
		For 3" x 33" Windows, Add	*2,641.91*	
		For 20" x 64" Windows, Add	*2,827.13*	
08 34 73 13-0007		Steel Acoustical Door Frames *(08 34 73 13-0001)*		
08 34 73 13-0008	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,652.88	93.22
08 34 73 13-0009	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,722.74	93.22
08 34 73 13-0010	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,792.61	93.22
08 34 73 13-0011	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,862.48	93.22
08 34 73 13-0012	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,035.47	102.55
08 34 73 13-0013	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,113.46	102.55
08 34 73 13-0014	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,183.33	102.55
08 34 73 13-0015	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,269.98	102.55
08 34 73 13-0016	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,426.62	107.20
08 34 73 13-0017	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,496.48	107.20
08 34 73 13-0018	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,566.35	107.20
08 34 73 13-0019	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,644.34	107.20
08 34 73 13-0020	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,088.37	121.19
08 34 73 13-0021	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,154.98	121.19
08 34 73 13-0022	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,226.47	121.19
08 34 73 13-0023	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,299.59	121.19
08 34 73 16		**Wood Sound Control Door Assemblies** *(08 34 73)*		
08 34 73 16-0001		Wood Acoustical Door Assembly *(08 34 73 16)*		
		Note: Includes the prefinished door, frame, hinges and seals.		
08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	3,224.11	167.80
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	4,442.70	167.80
08 35		Folding Doors and Grilles *(08 30)*		
08 35 13		**Folding Doors** *(08 35)*		
08 35 13 13		**Accordion Folding Doors** *(08 35 13)*		
08 35 13 13-0001		Accordion Folding Doors *(08 35 13 13)*		
		Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	86.71	9.33
		For Fire Retardant, Add	*19.58*	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	15.96	9.33
		For Fire Retardant, Add	*1.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	38.12	9.33
		For Fire Retardant, Add	*7.43*	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	54.83	9.33
		For Fire Retardant, Add	*11.61*	

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0937 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,701.31	372.89
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,381.46	413.90
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,329.47	495.94
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,304.63	574.25
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,716.20	745.78
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,296.68	932.22
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	11,702.18	1,242.65

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,397.21	186.45
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*414.36*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,240.30	186.45
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*442.07*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,481.75	326.28
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*120.23*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*207.30*	
		For Aluminum, Mill Finish, Add	*94.53*	
		For Aluminum, Anodized Finish, Add	*264.51*	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,746.82	372.89
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*145.15*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*250.26*	
		For Aluminum, Mill Finish, Add	*114.12*	
		For Aluminum, Anodized Finish, Add	*319.33*	
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,156.14	466.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*177.47*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*305.98*	
		For Aluminum, Mill Finish, Add	*139.53*	
		For Aluminum, Anodized Finish, Add	*390.43*	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,670.29	372.89
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*134.05*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*231.13*	
		For Aluminum, Mill Finish, Add	*105.39*	
		For Aluminum, Anodized Finish, Add	*294.92*	
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,058.12	466.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*163.26*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*281.48*	
		For Aluminum, Mill Finish, Add	*128.35*	
		For Aluminum, Anodized Finish, Add	*359.16*	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,588.86	605.95
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*199.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*344.25*	
		For Aluminum, Mill Finish, Add	*156.98*	
		For Aluminum, Anodized Finish, Add	*439.26*	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,059.19	745.78
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*227.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*391.91*	
		For Aluminum, Mill Finish, Add	*178.71*	
		For Aluminum, Anodized Finish, Add	*500.08*	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,993.70	466.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*153.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*265.37*	
		For Aluminum, Mill Finish, Add	*121.01*	
		For Aluminum, Anodized Finish, Add	*338.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,492.20	605.95
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*185.65*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*320.08*	
		For Aluminum, Mill Finish, Add	*145.96*	
		For Aluminum, Anodized Finish, Add	*408.42*	
08 36 13 00-0025	EA	12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,041.72	745.78
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*224.77*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*387.54*	
		For Aluminum, Mill Finish, Add	*176.72*	
		For Aluminum, Anodized Finish, Add	*494.50*	
08 36 13 00-0026	EA	12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,588.58	885.61
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*263.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*454.34*	
		For Aluminum, Mill Finish, Add	*207.18*	
		For Aluminum, Anodized Finish, Add	*579.74*	
08 36 13 00-0027	EA	12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,282.34	1,072.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*310.04*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*534.56*	
		For Aluminum, Mill Finish, Add	*243.76*	
		For Aluminum, Anodized Finish, Add	*682.10*	
08 36 13 00-0028	EA	14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,364.65	605.95
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*167.15*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*288.19*	
		For Aluminum, Mill Finish, Add	*131.42*	
		For Aluminum, Anodized Finish, Add	*367.73*	
08 36 13 00-0029	EA	14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,908.81	745.78
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*205.50*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*354.32*	
		For Aluminum, Mill Finish, Add	*161.57*	
		For Aluminum, Anodized Finish, Add	*452.11*	
08 36 13 00-0030	EA	14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,589.15	932.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*250.08*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*431.18*	
		For Aluminum, Mill Finish, Add	*196.62*	
		For Aluminum, Anodized Finish, Add	*550.18*	
08 36 13 00-0031	EA	14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,138.68	1,072.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*289.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*498.65*	
		For Aluminum, Mill Finish, Add	*227.38*	
		For Aluminum, Anodized Finish, Add	*636.27*	
08 36 13 00-0032	EA	14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,759.37	1,211.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*338.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*583.90*	
		For Aluminum, Mill Finish, Add	*266.26*	
		For Aluminum, Anodized Finish, Add	*745.06*	
08 36 13 00-0033	EA	16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,861.81	745.78
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*198.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*342.57*	
		For Aluminum, Mill Finish, Add	*156.21*	
		For Aluminum, Anodized Finish, Add	*437.11*	
08 36 13 00-0034	EA	16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,539.47	932.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*242.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*418.76*	
		For Aluminum, Mill Finish, Add	*190.95*	
		For Aluminum, Anodized Finish, Add	*534.33*	
08 36 13 00-0035	EA	16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,164.18	1,072.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*292.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*505.02*	
		For Aluminum, Mill Finish, Add	*230.29*	
		For Aluminum, Anodized Finish, Add	*644.41*	
08 36 13 00-0036	EA	16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,960.76	1,211.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*367.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*634.25*	
		For Aluminum, Mill Finish, Add	*289.22*	
		For Aluminum, Anodized Finish, Add	*809.30*	
08 36 13 00-0037	EA	16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,778.07	1,398.33
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*432.30*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*745.35*	
		For Aluminum, Mill Finish, Add	*339.88*	
		For Aluminum, Anodized Finish, Add	*951.06*	
08 36 13 00-0038	EA	18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,642.87	932.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*257.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*444.61*	
		For Aluminum, Mill Finish, Add	*202.74*	
		For Aluminum, Anodized Finish, Add	*567.32*	
08 36 13 00-0039	EA	18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,349.48	1,072.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*319.78*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*551.35*	
		For Aluminum, Mill Finish, Add	*251.41*	
		For Aluminum, Anodized Finish, Add	*703.52*	
08 36 13 00-0040	EA	18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,256.13	1,211.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*410.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*708.09*	
		For Aluminum, Mill Finish, Add	*322.89*	
		For Aluminum, Anodized Finish, Add	*903.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0041	EA	18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,074.79	1,398.33
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*475.33*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*819.53*	
		For Aluminum, Mill Finish, Add	*373.70*	
		For Aluminum, Anodized Finish, Add	*1,045.72*	
08 36 13 00-0042	EA	18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,976.67	1,584.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*552.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*951.78*	
		For Aluminum, Mill Finish, Add	*434.01*	
		For Aluminum, Anodized Finish, Add	*1,214.46*	
08 36 13 00-0043	EA	20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,138.68	1,072.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*289.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*498.65*	
		For Aluminum, Mill Finish, Add	*227.38*	
		For Aluminum, Anodized Finish, Add	*636.27*	
08 36 13 00-0044	EA	20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,845.30	1,211.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*351.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*605.38*	
		For Aluminum, Mill Finish, Add	*276.05*	
		For Aluminum, Anodized Finish, Add	*772.47*	
08 36 13 00-0045	EA	20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,971.41	1,398.33
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*460.34*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*793.68*	
		For Aluminum, Mill Finish, Add	*361.92*	
		For Aluminum, Anodized Finish, Add	*1,012.74*	
08 36 13 00-0046	EA	20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,790.05	1,584.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*524.97*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*905.12*	
		For Aluminum, Mill Finish, Add	*412.73*	
		For Aluminum, Anodized Finish, Add	*1,154.93*	
08 36 13 00-0047	EA	20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,368.61	1,771.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*699.79*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,206.54*	
		For Aluminum, Mill Finish, Add	*550.18*	
		For Aluminum, Anodized Finish, Add	*1,539.54*	
08 36 13 00-0048	EA	22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,608.99	1,211.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*316.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*546.31*	
		For Aluminum, Mill Finish, Add	*249.12*	
		For Aluminum, Anodized Finish, Add	*697.09*	
08 36 13 00-0049	EA	22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,682.76	1,398.33
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*418.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*721.52*	
		For Aluminum, Mill Finish, Add	*329.01*	
		For Aluminum, Anodized Finish, Add	*920.66*	
08 36 13 00-0050	EA	22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,729.63	1,584.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*516.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*890.02*	
		For Aluminum, Mill Finish, Add	*405.85*	
		For Aluminum, Anodized Finish, Add	*1,135.66*	
08 36 13 00-0051	EA	22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,934.94	1,771.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*636.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,098.12*	
		For Aluminum, Mill Finish, Add	*500.74*	
		For Aluminum, Anodized Finish, Add	*1,401.20*	
08 36 13 00-0052	EA	22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,945.52	1,957.67
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*729.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,257.55*	
		For Aluminum, Mill Finish, Add	*573.44*	
		For Aluminum, Anodized Finish, Add	*1,604.64*	
08 36 13 00-0053	EA	24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,112.15	1,398.33
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*335.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*578.87*	
		For Aluminum, Mill Finish, Add	*263.96*	
		For Aluminum, Anodized Finish, Add	*738.63*	
08 36 13 00-0054	EA	24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,227.49	1,584.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*443.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*764.48*	
		For Aluminum, Mill Finish, Add	*348.60*	
		For Aluminum, Anodized Finish, Add	*975.48*	
08 36 13 00-0055	EA	24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,575.13	1,771.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*584.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,008.17*	
		For Aluminum, Mill Finish, Add	*459.72*	
		For Aluminum, Anodized Finish, Add	*1,286.42*	
08 36 13 00-0056	EA	24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,467.56	1,957.67
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*660.08*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,138.06*	
		For Aluminum, Mill Finish, Add	*518.96*	
		For Aluminum, Anodized Finish, Add	*1,452.17*	
08 36 13 00-0057	EA	24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,502.35	2,144.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*756.05*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,303.54*	
		For Aluminum, Mill Finish, Add	*594.41*	
		For Aluminum, Anodized Finish, Add	*1,663.31*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0058		Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*		
		Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.		
08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,876.86	326.28
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*153.04*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*306.08*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*795.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,530.39*	
		For Aluminum, Mill Finish, Add	*139.57*	
		For Aluminum, Anodized Finish, Add	*390.55*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,237.24	372.89
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*186.43*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*372.87*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*969.45*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,864.33*	
		For Aluminum, Mill Finish, Add	*170.03*	
		For Aluminum, Anodized Finish, Add	*475.78*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,747.77	466.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*226.94*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*453.89*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,180.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,269.44*	
		For Aluminum, Mill Finish, Add	*206.97*	
		For Aluminum, Anodized Finish, Add	*579.16*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,182.78	372.89
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*179.63*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*359.25*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*934.05*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,796.25*	
		For Aluminum, Mill Finish, Add	*163.82*	
		For Aluminum, Anodized Finish, Add	*458.40*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,680.68	466.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*218.56*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*437.12*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,136.50*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,185.58*	
		For Aluminum, Mill Finish, Add	*199.32*	
		For Aluminum, Anodized Finish, Add	*557.76*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,407.24	605.95
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*274.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*548.84*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,426.98*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,744.20*	
		For Aluminum, Mill Finish, Add	*250.27*	
		For Aluminum, Anodized Finish, Add	*700.32*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,952.80	745.78
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*307.66*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*615.31*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,599.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,076.56*	
		For Aluminum, Mill Finish, Add	*280.58*	
		For Aluminum, Anodized Finish, Add	*785.14*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,578.13	466.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*205.74*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*411.48*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,069.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,057.39*	
		For Aluminum, Mill Finish, Add	*187.63*	
		For Aluminum, Anodized Finish, Add	*525.05*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,213.55	605.95
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*250.21*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*500.42*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,301.09*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,502.09*	
		For Aluminum, Mill Finish, Add	*228.19*	
		For Aluminum, Anodized Finish, Add	*638.53*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,918.62	745.78
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*303.38*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*606.77*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,577.60*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,033.84*	
		For Aluminum, Mill Finish, Add	*276.69*	
		For Aluminum, Anodized Finish, Add	*774.24*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,581.90	885.61
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*351.34*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*702.67*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,826.94*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,513.35*	
		For Aluminum, Mill Finish, Add	*320.42*	
		For Aluminum, Anodized Finish, Add	*896.61*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,562.49	1,072.05
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*427.30*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*854.60*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,221.95*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,272.99*	
		For Aluminum, Mill Finish, Add	*389.70*	
		For Aluminum, Anodized Finish, Add	*1,090.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,062.89	605.95
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*231.38*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*462.75*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,203.16*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,313.76*	
		For Aluminum, Mill Finish, Add	*211.02*	
		For Aluminum, Anodized Finish, Add	*590.47*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,798.34	745.78
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*288.35*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*576.70*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,499.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,883.49*	
		For Aluminum, Mill Finish, Add	*262.97*	
		For Aluminum, Anodized Finish, Add	*735.87*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,620.68	932.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*344.53*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*689.06*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,791.56*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,445.30*	
		For Aluminum, Mill Finish, Add	*314.21*	
		For Aluminum, Anodized Finish, Add	*879.24*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,446.00	1,072.05
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*412.74*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*825.48*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,146.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,127.38*	
		For Aluminum, Mill Finish, Add	*376.42*	
		For Aluminum, Anodized Finish, Add	*1,053.31*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,251.09	1,211.88
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*478.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*956.83*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,487.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,784.15*	
		For Aluminum, Mill Finish, Add	*436.31*	
		For Aluminum, Anodized Finish, Add	*1,220.92*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,667.94	745.78
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*272.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*544.10*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,414.65*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,720.49*	
		For Aluminum, Mill Finish, Add	*248.11*	
		For Aluminum, Anodized Finish, Add	*694.27*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,721.97	932.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*357.19*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*714.38*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,857.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,571.91*	
		For Aluminum, Mill Finish, Add	*325.76*	
		For Aluminum, Anodized Finish, Add	*911.55*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,514.37	1,072.05
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*421.28*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*842.57*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,190.68*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,212.84*	
		For Aluminum, Mill Finish, Add	*384.21*	
		For Aluminum, Anodized Finish, Add	*1,075.12*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,311.85	1,211.88
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*486.01*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*972.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,527.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,860.10*	
		For Aluminum, Mill Finish, Add	*443.24*	
		For Aluminum, Anodized Finish, Add	*1,240.30*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,464.65	1,398.33
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*583.50*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,166.99*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,034.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,834.96*	
		For Aluminum, Mill Finish, Add	*532.15*	
		For Aluminum, Anodized Finish, Add	*1,489.08*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,230.73	932.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*295.79*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*591.57*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,538.09*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,957.86*	
		For Aluminum, Mill Finish, Add	*269.76*	
		For Aluminum, Anodized Finish, Add	*754.85*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,244.70	1,072.05
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*387.58*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*775.15*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,015.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,875.75*	
		For Aluminum, Mill Finish, Add	*353.47*	
		For Aluminum, Anodized Finish, Add	*989.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,089.02	1,211.88
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*458.16*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*916.31*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,382.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,581.56*	
		For Aluminum, Mill Finish, Add	*417.84*	
		For Aluminum, Anodized Finish, Add	*1,169.21*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,593.79	1,398.33
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*599.64*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,199.28*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,118.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,996.39*	
		For Aluminum, Mill Finish, Add	*546.87*	
		For Aluminum, Anodized Finish, Add	*1,530.28*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,319.91	1,584.77
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*643.79*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,287.59*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,347.72*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,437.93*	
		For Aluminum, Mill Finish, Add	*587.14*	
		For Aluminum, Anodized Finish, Add	*1,642.96*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,220.64	1,072.05
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*384.57*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*769.14*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,999.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,845.68*	
		For Aluminum, Mill Finish, Add	*350.73*	
		For Aluminum, Anodized Finish, Add	*981.42*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,144.74	1,211.88
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*465.12*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*930.24*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,418.63*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,651.21*	
		For Aluminum, Mill Finish, Add	*424.19*	
		For Aluminum, Anodized Finish, Add	*1,186.99*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,853.32	1,398.33
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*632.08*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,264.16*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,286.82*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,320.80*	
		For Aluminum, Mill Finish, Add	*576.46*	
		For Aluminum, Anodized Finish, Add	*1,613.07*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,551.59	1,584.77
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*672.75*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,345.51*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,498.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,727.53*	
		For Aluminum, Mill Finish, Add	*613.55*	
		For Aluminum, Anodized Finish, Add	*1,716.86*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,933.54	1,771.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*798.88*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,597.77*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,154.20*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,988.84*	
		For Aluminum, Mill Finish, Add	*728.58*	
		For Aluminum, Anodized Finish, Add	*2,038.75*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,728.20	1,211.88
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*413.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*826.11*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,147.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,130.54*	
		For Aluminum, Mill Finish, Add	*376.71*	
		For Aluminum, Anodized Finish, Add	*1,054.11*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,081.04	1,398.33
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*535.55*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,071.09*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,784.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,355.45*	
		For Aluminum, Mill Finish, Add	*488.42*	
		For Aluminum, Anodized Finish, Add	*1,366.71*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,412.34	1,584.77
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*655.35*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,310.69*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,407.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,553.46*	
		For Aluminum, Mill Finish, Add	*597.68*	
		For Aluminum, Anodized Finish, Add	*1,672.44*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,453.71	1,771.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*738.91*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,477.81*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,842.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,389.05*	
		For Aluminum, Mill Finish, Add	*673.88*	
		For Aluminum, Anodized Finish, Add	*1,885.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,784.95	1,957.67
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*858.71*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,717.41*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,465.27*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,587.05*	
		For Aluminum, Mill Finish, Add	*783.14*	
		For Aluminum, Anodized Finish, Add	*2,191.42*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,380.91	1,398.33
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*448.03*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*896.06*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,329.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,480.29*	
		For Aluminum, Mill Finish, Add	*408.60*	
		For Aluminum, Anodized Finish, Add	*1,143.37*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,874.27	1,584.77
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*588.09*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,176.18*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,058.06*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,880.88*	
		For Aluminum, Mill Finish, Add	*536.34*	
		For Aluminum, Anodized Finish, Add	*1,500.80*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,133.41	1,771.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*698.87*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,397.74*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,634.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,988.68*	
		For Aluminum, Mill Finish, Add	*637.37*	
		For Aluminum, Anodized Finish, Add	*1,783.51*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,467.18	1,957.67
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*818.98*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,637.97*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,258.72*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,189.84*	
		For Aluminum, Mill Finish, Add	*746.91*	
		For Aluminum, Anodized Finish, Add	*2,090.05*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,779.48	2,144.10
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*936.41*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,872.82*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,869.33*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*9,364.10*	
		For Aluminum, Mill Finish, Add	*854.01*	
		For Aluminum, Anodized Finish, Add	*2,389.72*	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	839.23	186.45
		For Aluminum And Fiberglass, Add	*115.67*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*197.75*	
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	906.19	186.45
		For Aluminum And Fiberglass, Add	*136.42*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*233.24*	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,149.14	213.29
		For Aluminum And Fiberglass, Add	*191.29*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*327.04*	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,254.35	213.29
		For Aluminum And Fiberglass, Add	*223.90*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*382.80*	

08 36 13 00-0106 Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	13.66	

08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0109 Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,481.33	326.28
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,950.45	372.89
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,482.78	466.11
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,914.35	372.89
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,485.73	419.50
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,326.39	582.64
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,172.54	745.78
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,431.64	466.11
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,305.34	582.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,166.74	699.17
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,258.73	932.22
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	7,265.54	1,118.67
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,135.17	652.55
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,046.22	745.78
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,150.46	932.22
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	7,253.51	1,118.67
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	8,173.39	1,211.88
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,694.31	745.78
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,675.13	839.00
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,860.90	1,025.45
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	8,032.03	1,211.88
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	9,016.26	1,305.10

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,084.80	326.28
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,677.99	372.89
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,324.46	466.11
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,629.98	372.89
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,359.18	419.50
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,369.57	582.64
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,387.42	745.78
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,256.45	466.11
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,341.56	582.64
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,410.40	699.17
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	7,708.85	932.22
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,925.09	1,118.67
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	5,069.16	652.55
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	6,219.41	745.78
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	7,564.84	932.22
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,909.09	1,118.67
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	10,071.15	1,211.88
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	5,751.38	745.78
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	6,994.23	839.00
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	8,447.99	1,025.45
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	9,883.13	1,211.88
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	11,130.40	1,305.10

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	4.16
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	6.30
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.09
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	415.57
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	534.97
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,379.19
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	995.72
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,285.52
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	35.30
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	22.01
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	36.90
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	25.16
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	59.37
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	40.07
08 36 13 00-0172	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	473.94
08 36 13 00-0173	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	738.02
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,094.55
08 36 13 00-0175	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.39
08 36 13 00-0176	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0177	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.36	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	19.56	5.60
		For Cooler/Freezer Doors, USDA Grade, Add	*0.74*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.56*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	27.27	7.46
		For Cooler/Freezer Doors, USDA Grade, Add	*1.05*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.20*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	17.76	4.66
		For Cooler/Freezer Doors, USDA Grade, Add	*0.94*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.97*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	22.95	5.12
		For Cooler/Freezer Doors, USDA Grade, Add	*1.18*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.47*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	19.37	4.66
		For Cooler/Freezer Doors, USDA Grade, Add	*1.19*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.50*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	60.08	26.29
		For Cooler/Freezer Doors, USDA Grade, Add	*1.72*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*3.61*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	62.49	26.29
		For Cooler/Freezer Doors, USDA Grade, Add	*1.96*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*4.12*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	93.34	32.54
		For Cooler/Freezer Doors, USDA Grade, Add	*4.02*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*8.44*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	101.50	32.54
		For Cooler/Freezer Doors, USDA Grade, Add	*4.84*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*10.16*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	109.16	32.54
		For Cooler/Freezer Doors, USDA Grade, Add	*5.60*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*11.76*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	197.66	33.18
		For Cooler/Freezer Doors, USDA Grade, Add	*13.12*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*27.56*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,894.63	93.22
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,385.30	93.22
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	13,452.36	107.20
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	15,103.02	116.53
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	23,594.49	116.53
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	24,692.98	116.53
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	27,465.55	139.83

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,577.71	93.22
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,124.13	93.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	15,968.47	107.20
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	17,607.95	116.53
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	26,467.30	116.53
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	27,584.70	116.53
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	30,682.67	139.83
08 38 16 00-0019		0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*		
		Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020		Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,347.52	51.27
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,452.39	51.27
08 38 16 00-0024		96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,452.39	51.27
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,481.97	51.27
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,667.06	88.56
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,876.80	88.56
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,876.80	88.56
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,935.95	88.56
08 38 19		**Rigid Traffic Doors** *(08 38)*		
		Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	661.84	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	710.24	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	733.73	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	763.30	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	797.56	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	862.10	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	894.88	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	745.20	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	782.84	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	809.02	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	830.53	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	907.81	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	923.94	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	954.04	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0019		Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0020		84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,295.69	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,392.50	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,430.14	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,489.30	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,557.81	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,686.88	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,724.53	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,462.41	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,537.70	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,580.72	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,623.75	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,778.31	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,810.58	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,842.84	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,156.61	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,282.99	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,338.74	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,392.52	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,413.33	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,523.58	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,637.03	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,655.85	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0047		96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,264.17	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,395.92	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,451.68	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,518.90	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,571.98	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,679.54	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,736.52	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,803.74	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0056		Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0057		84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,285.23	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,537.99	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,640.17	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,747.73	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,789.35	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,009.85	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,208.83	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,246.48	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0066		96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,500.34	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,763.86	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,866.04	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,000.49	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,106.65	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,321.77	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,407.81	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,542.26	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0075		3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*			
		Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.			
08 38 19 00-0076		Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*			
08 38 19 00-0077		84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*			
08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,656.59		51.27
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,024.96		51.27
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,127.85		53.60
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,164.69		53.60
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,206.21		55.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,550.02		55.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,846.40		62.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,889.38		62.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0086		96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*			
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,736.40		51.27
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,190.73		51.27
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,299.76		53.60
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,348.88		53.60
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,365.84		55.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,617.56		55.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,907.80		62.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,956.91		62.93
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0095		Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*			
08 38 19 00-0096		84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*			
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,285.19		88.56
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,021.93		88.56
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,218.40		88.56
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,292.07		88.56
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,375.11		93.22
		For Each 15" x 20" Window, Add	*6.00*		
		For Each 18" x 30" Window, Add	*19.00*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,062.73	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,627.57	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,713.53	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*		
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,444.82	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,353.47	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,562.21	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,660.44	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,694.36	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,197.80	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,750.36	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,848.60	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*		
		Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,543.82	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,686.33	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,728.64	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,763.59	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,827.43	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,894.65	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,962.39	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,008.10	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,664.82	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,815.40	51.27
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,860.40	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,879.22	53.60
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,937.68	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,026.41	55.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,083.40	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,129.11	62.93
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,059.64	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,344.67	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,419.96	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,489.88	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,617.55	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,752.00	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,859.56	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,950.98	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,301.65	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,602.81	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,683.48	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,721.13	88.56
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,838.04	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,015.51	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,101.56	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,192.99	93.22
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.

08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,516.93	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,594.91	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,669.48	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,715.19	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,832.81	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,924.23	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,010.79	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,096.84	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,570.71	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,664.82	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,715.19	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,779.73	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,905.41	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,015.66	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,096.84	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,177.51	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0173		96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,707.84	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,726.67	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,809.31	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,868.46	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,996.83	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,128.59	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,204.40	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,285.07	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0182		Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0183		84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,005.87	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,161.82	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,301.65	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,393.07	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,628.31	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,811.15	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,956.36	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,128.45	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,113.42	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,301.65	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,393.07	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,522.14	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,773.51	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,994.00	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,128.45	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,289.79	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,387.70	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,425.34	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,581.30	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,699.61	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,956.36	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,219.87	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,343.57	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,504.90	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,516.93	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,594.91	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,669.48	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,715.19	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,832.81	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,924.23	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,010.79	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,096.84	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,570.71	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,664.82	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,715.19	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,779.73	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,905.41	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,015.66	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,096.84	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,177.51	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,707.84	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,726.67	51.27
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,809.31	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,868.46	53.60
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,996.83	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,128.59	55.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,204.40	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,285.07	62.93
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,005.87	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,161.82	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,301.65	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,393.07	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,628.31	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,811.15	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,956.36	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,128.45	93.22
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0249		90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,113.42	88.56
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0251		EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,301.65	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252		EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,393.07	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253		EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,522.14	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254		EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,773.51	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255		EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,994.00	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256		EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,128.45	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257		EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,289.79	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0258			96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0259		EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,387.70	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260		EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,425.34	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261		EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,581.30	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262		EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,699.61	88.56
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263		EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,956.36	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264		EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,219.87	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265		EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,343.57	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266		EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,504.90	93.22
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267			Rigid Impact Traffic Door Accessories *(08 38 19)*		
08 38 19 00-0268			Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*		
			Note: Includes two bumpers per set.		
08 38 19 00-0269		SET	24" Wide, Bumper Strips For Impact Traffic Doors	136.78	37.29
08 38 19 00-0270		SET	30" Wide, Bumper Strips For Impact Traffic Doors	150.23	37.29
08 38 19 00-0271		SET	36" Wide, Bumper Strips For Impact Traffic Doors	160.98	37.29
08 38 19 00-0272		SET	48" Wide, Bumper Strips For Impact Traffic Doors	179.80	37.29
08 38 19 00-0273			Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*		
			Note: Includes two bumpers per set.		
08 38 19 00-0274		SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	354.59	37.29
08 38 19 00-0275		SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	467.52	37.29
08 38 19 00-0276		SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	685.33	37.29
08 38 19 00-0277		SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	790.20	37.29
08 38 19 00-0278		SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	897.75	37.29
08 38 19 00-0279			Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
			Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280			12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281		SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	160.98	37.29
08 38 19 00-0282		SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	171.74	37.29
08 38 19 00-0283		SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	185.18	37.29
08 38 19 00-0284		SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	204.00	37.29
08 38 19 00-0285		SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	214.76	37.29
08 38 19 00-0286			24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287		SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	214.76	37.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	263.16	37.29
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	290.05	37.29
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	327.70	37.29
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	351.90	37.29
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	263.16	37.29
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	306.19	37.29
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	338.45	37.29
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	397.61	37.29
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	437.94	37.29
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	290.05	37.29
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	338.45	37.29
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	392.23	37.29
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	421.81	37.29
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	467.52	37.29
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	351.90	37.29
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	437.94	37.29
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	467.52	37.29
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	523.99	37.29
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	585.84	37.29
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	155.60	37.29
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	166.36	37.29
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	171.74	37.29
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	195.94	37.29
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	206.69	37.29
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	195.94	37.29
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	212.07	37.29
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	228.21	37.29
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	241.65	37.29
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	263.16	37.29
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	222.83	37.29
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	236.27	37.29
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	268.54	37.29
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	303.50	37.29
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	319.63	37.29
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	236.27	37.29
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	263.16	37.29
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	303.50	37.29
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	335.76	37.29
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	354.59	37.29
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	298.12	37.29
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	335.76	37.29
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	386.85	37.29
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	411.05	37.29
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	443.32	37.29
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	204.00	37.29
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	214.76	37.29
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	247.03	37.29
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.16	37.29
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	308.87	37.29
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	279.30	37.29
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	327.70	37.29
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	376.10	37.29
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	435.25	37.29
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	489.03	37.29
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	316.94	37.29
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	381.48	37.29
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	440.63	37.29
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	502.48	37.29
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	575.08	37.29
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	365.34	37.29
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	435.25	37.29
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	515.92	37.29
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	593.90	37.29
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	661.13	37.29
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	451.39	37.29
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	618.10	37.29
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	661.13	37.29
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	790.20	37.29
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	865.49	37.29
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	182.49	37.29
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	195.94	37.29
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	212.07	37.29
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	230.89	37.29
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	260.47	37.29
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	241.65	37.29
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	273.92	37.29
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	306.19	37.29
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	341.14	37.29
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	381.48	37.29
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	273.92	37.29
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	314.25	37.29
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	359.96	37.29
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	416.43	37.29
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	454.08	37.29
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	306.19	37.29
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	359.96	37.29
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	416.43	37.29
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	472.90	37.29
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	513.23	37.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	381.48	37.29
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	464.83	37.29
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	513.23	37.29
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	610.04	37.29
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	636.93	37.29
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	248.28	46.61
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	328.95	46.61
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	624.73	46.61
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	66.32	23.30
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	85.15	23.30
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	200.77	23.30
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	249.17	23.30
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	103.97	23.30
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)* Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	620.10	69.92
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	725.57	76.90
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	744.03	81.57
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	766.00	88.56
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	785.63	93.22
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	819.60	97.89
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	845.44	102.55
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	863.79	107.20
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	632.10	69.92
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	739.85	76.90
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	758.55	81.57
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	780.72	88.56
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	800.61	93.22
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	835.19	97.89
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	861.44	102.55
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	880.03	107.20
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	648.04	69.92
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	758.83	76.90
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	777.83	81.57
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	795.55	88.56
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	820.50	93.22
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	850.79	97.89
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	882.71	102.55
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	902.78	104.87
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	877.64	107.20
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	892.90	109.07
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	909.83	111.86
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	934.60	116.53
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	951.32	121.19
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	981.15	122.12
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,001.73	123.52
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,027.00	125.85
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	894.20	107.20
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	909.70	109.07
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	926.98	111.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	952.13	116.53
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	969.07	121.19
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	999.57	122.12
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,020.60	123.52
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,046.39	125.85
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	913.54	107.20
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	926.48	109.07
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	949.76	111.86
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	969.66	116.53
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	992.60	121.19
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,026.72	122.12
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,045.66	123.52
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,069.50	125.85

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2235 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,945.17	678.16
		For 8' High Door, Add	*451.77*	
		For 10' High Door, Add	*982.11*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,970.62	678.16
		For 8' High Door, Add	*454.70*	
		For 10' High Door, Add	*988.47*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	8,328.79	1,017.04
		For 8' High Door, Add	*782.77*	
		For 10' High Door, Add	*1,701.68*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	9,581.22	1,017.04
		For 8' High Door, Add	*926.80*	
		For 10' High Door, Add	*2,014.79*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,479.74	678.16
		For 8' High Door, Add	*513.25*	
		For 10' High Door, Add	*1,115.75*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,538.29	678.16
		For 8' High Door, Add	*519.98*	
		For 10' High Door, Add	*1,130.39*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	9,339.39	1,017.04
		For 8' High Door, Add	*898.99*	
		For 10' High Door, Add	*1,954.33*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	10,562.31	1,017.04
		For 8' High Door, Add	*1,039.63*	
		For 10' High Door, Add	*2,260.06*	
		For 1" Insulated Glazing, Add	*171.54*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware	4,559.56	254.19
		For Anodized Color, Add	*637.71*	
		For Stainless Steel, Add	*2,302.83*	
		For 8' High Door, Add	*407.42*	
		For 10' High Door, Add	*885.71*	
		For 1" Insulated Glazing, Add	*85.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")	8,141.76	305.02
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,204.07*	
		For Stainless Steel, Add	*4,348.03*	
		For 8' High Door, Add	*769.27*	
		For 10' High Door, Add	*1,672.32*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door	5,197.81	254.19
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*752.59*	
		For Stainless Steel, Add	*2,717.70*	
		For 8' High Door, Add	*480.82*	
		For 10' High Door, Add	*1,045.27*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	9,515.98	305.02
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,451.43*	
		For Stainless Steel, Add	*5,241.28*	
		For 8' High Door, Add	*927.30*	
		For 10' High Door, Add	*2,015.88*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door	5,833.57	254.19
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*867.03*	
		For Stainless Steel, Add	*3,130.94*	
		For 8' High Door, Add	*553.94*	
		For 10' High Door, Add	*1,204.21*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	10,887.94	305.02
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,698.38*	
		For Stainless Steel, Add	*6,133.05*	
		For 8' High Door, Add	*1,085.08*	
		For 10' High Door, Add	*2,358.87*	
		For 1" Insulated Glazing, Add	*171.54*	
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door	7,107.55	254.19
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,096.35*	
		For Stainless Steel, Add	*3,959.03*	
		For 8' High Door, Add	*700.44*	
		For 10' High Door, Add	*1,522.70*	
		For 1" Insulated Glazing, Add	*85.77*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	13,634.11	305.02
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*2,192.69*	
		For Stainless Steel, Add	*7,918.06*	
		For 8' High Door, Add	*1,400.89*	
		For 10' High Door, Add	*3,045.41*	
		For 1" Insulated Glazing, Add	*171.54*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	24.47	3.05
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	31.72	4.06

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,103.24	101.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*142.49*	
		For Emergency Egress On All Panels, Add	*379.98*	
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,344.44	137.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*155.24*	
		For Emergency Egress On All Panels, Add	*413.98*	
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,551.27	152.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*168.47*	
		For Emergency Egress On All Panels, Add	*449.25*	
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,752.43	167.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*181.27*	
		For Emergency Egress On All Panels, Add	*483.38*	
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,611.50	203.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*240.36*	
		For Emergency Egress On All Panels, Add	*640.96*	
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,758.32	238.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*246.03*	
		For Emergency Egress On All Panels, Add	*656.09*	
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,011.08	274.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*334.65*	
		For Emergency Egress On All Panels, Add	*892.41*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0010		4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*		
		Note: Bi-parting.		
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,226.52	254.19
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*278.86*	
		For Emergency Egress On All Panels, Add	*743.63*	
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,634.44	279.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*305.64*	
		For Emergency Egress On All Panels, Add	*815.05*	
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,042.34	305.02
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*332.42*	
		For Emergency Egress On All Panels, Add	*886.46*	
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,085.50	330.44
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*406.85*	
		For Emergency Egress On All Panels, Add	*1,084.92*	
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	7,128.65	355.75
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*481.27*	
		For Emergency Egress On All Panels, Add	*1,283.39*	
08 42 29 23-0016		Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0017		2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Single sliding.		
08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,924.25	101.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*129.07*	
		For Emergency Egress On All Panels, Add	*344.18*	
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,149.45	137.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*140.62*	
		For Emergency Egress On All Panels, Add	*374.99*	
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,336.38	152.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*152.35*	
		For Emergency Egress On All Panels, Add	*406.27*	
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,524.73	167.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*164.19*	
		For Emergency Egress On All Panels, Add	*437.84*	
08 42 29 23-0022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,309.60	203.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*217.72*	
		For Emergency Egress On All Panels, Add	*580.58*	
08 42 29 23-0023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,449.27	238.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*222.86*	
		For Emergency Egress On All Panels, Add	*594.28*	
08 42 29 23-0024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,590.76	274.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*303.13*	
		For Emergency Egress On All Panels, Add	*808.34*	
08 42 29 23-0025		4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Bi-parting.		
08 42 29 23-0026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,876.26	254.19
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*252.59*	
		For Emergency Egress On All Panels, Add	*673.58*	
08 42 29 23-0027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,250.52	279.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*276.85*	
		For Emergency Egress On All Panels, Add	*738.26*	
08 42 29 23-0028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,624.77	305.02
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*301.10*	
		For Emergency Egress On All Panels, Add	*802.95*	
08 42 29 23-0029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,574.46	330.44
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*368.52*	
		For Emergency Egress On All Panels, Add	*982.72*	
08 42 29 23-0030	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	6,524.16	355.75
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*435.93*	
		For Emergency Egress On All Panels, Add	*1,162.49*	
08 42 29 23-0031		Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0032		2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Single sliding.		
08 42 29 23-0033	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,405.75	101.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*165.18*	
		For Emergency Egress On All Panels, Add	*440.48*	
08 42 29 23-0034	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,674.05	137.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*179.96*	
		For Emergency Egress On All Panels, Add	*479.91*	
08 42 29 23-0035	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,106.77	152.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*210.13*	
		For Emergency Egress On All Panels, Add	*560.35*	
08 42 29 23-0036	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,563.91	167.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*242.13*	
		For Emergency Egress On All Panels, Add	*645.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,121.83	203.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*278.63*	
		For Emergency Egress On All Panels, Add	*743.03*	
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,280.67	238.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*285.21*	
		For Emergency Egress On All Panels, Add	*760.56*	
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,721.63	274.52
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*387.94*	
		For Emergency Egress On All Panels, Add	*1,034.52*	
08 42 29 23-0040		4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Bi-parting.		
08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,818.60	254.19
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*323.27*	
		For Emergency Egress On All Panels, Add	*862.05*	
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,283.35	279.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*354.31*	
		For Emergency Egress On All Panels, Add	*944.83*	
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,748.10	305.02
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*385.35*	
		For Emergency Egress On All Panels, Add	*1,027.61*	
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	6,949.29	330.44
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*471.63*	
		For Emergency Egress On All Panels, Add	*1,257.68*	
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	8,150.48	355.86
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*557.91*	
		For Emergency Egress On All Panels, Add	*1,487.75*	
08 42 29 23-0046		Accessories For Sliding Automatic Entrances *(08 42 29 23)*		
		See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	5,170.90	932.22
		Note: Includes motor for pair of sliding doors (2 panels).		
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	8,662.97	1,398.33
		Note: Includes motor for pair of sliding doors (4 panel).		
08 42 29 33		**Swinging Automatic Entrances** *(08 42 29)*		
		Note: Excludes glazing.		
08 42 29 33-0001		Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*		
		Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel	4,147.62	576.69
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	7,142.55	768.96
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	3,449.66	461.35
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	6,206.66	692.03
08 42 29 33-0006		Activation Devices For Door Operators *(08 42 29 33)*		
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)	433.50	46.14
		Note: Includes wiring harness and relays.		
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)	385.13	46.14
		Note: Includes wiring harness and relays.		
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38)	388.98	46.14
		Note: Includes wiring harness and relays.		
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H)	189.81	46.14
		Note: Excludes wiring from operator to push plate.		
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H)	203.98	46.14
		Note: Excludes wiring from operator to push button.		
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425)	134.76	46.14
		Note: Excludes wiring from operator to push button.		
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath)	670.91	115.34
		Note: Includes receiver and two push plate transmitters.		
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)	932.46	57.66
		Note: Includes wiring harness and relays.		
08 42 29 33-0015	EA	Guard Rail For Door With Operator	243.60	57.66
08 42 33		**Revolving Door Entrances** *(08 42)*		
08 42 33 00-0001		Aluminum Revolving Doors *(08 42 33)*		
		Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	35,901.00	5,487.74
		For Automatic Controls, Add	*7,868.29*	
		For Powder Coated, Add	*1,441.80*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	48,452.82	8,231.73
		For Automatic Controls, Add	*9,377.43*	
		For Powder Coated, Add	*1,811.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	73,987.32	9,878.03
		For Automatic Controls, Add	*10,282.92*	
		For Powder Coated, Add	*3,204.00*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	39,960.28	6,036.46
		For Automatic Controls, Add	*8,176.27*	
		For Powder Coated, Add	*1,614.66*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	53,665.41	9,055.19
		For Automatic Controls, Add	*9,789.01*	
		For Powder Coated, Add	*2,029.00*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	82,640.86	10,865.83
		For Automatic Controls, Add	*10,886.57*	
		For Powder Coated, Add	*3,588.12*	

08 42 33 00-0008 Stainless Steel Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	36,856.76	5,487.74
		For Automatic Controls, Add	*7,868.29*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	49,653.84	8,231.73
		For Automatic Controls, Add	*9,377.43*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	76,111.22	9,878.03
		For Automatic Controls, Add	*10,282.92*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	41,033.17	6,036.46
		For Automatic Controls, Add	*8,176.27*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	55,013.62	9,055.19
		For Automatic Controls, Add	*9,789.01*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	85,025.06	10,865.83
		For Automatic Controls, Add	*10,886.57*	

08 42 33 00-0015 Bronze Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	33,486.17	5,487.74
		For Automatic Controls, Add	*7,868.29*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	45,418.31	8,231.73
		For Automatic Controls, Add	*9,377.43*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	68,621.02	9,878.03
		For Automatic Controls, Add	*10,282.92*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	37,258.11	6,036.46
		For Automatic Controls, Add	*8,176.27*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	50,269.83	9,055.19
		For Automatic Controls, Add	*9,789.01*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	76,636.03	10,865.83
		For Automatic Controls, Add	*10,886.57*	

08 42 36 Balanced Door Entrances *(08 42)*

08 42 36 00-0001 Balanced Doors, With Glass *(08 42 36)*

Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.

08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	23,371.65	282.08
		For Bronze Instead Of Stainless Steel, Deduct	*-5,666.55*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,266.62*	
		For Tinted Glass, Add	*1,133.31*	
		For Aluminum, Painted Finish, Deduct	*-6,799.86*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	24,292.13	282.08
		For Bronze Instead Of Stainless Steel, Deduct	*-5,896.67*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,358.67*	
		For Tinted Glass, Add	*1,179.33*	
		For Aluminum, Painted Finish, Deduct	*-7,076.01*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	26,527.73	282.08
		For Bronze Instead Of Stainless Steel, Deduct	*-6,455.57*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,582.23*	
		For Tinted Glass, Add	*1,291.11*	
		For Aluminum, Painted Finish, Deduct	*-7,746.69*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	29,157.90	282.08
		For Bronze Instead Of Stainless Steel, Deduct	*-7,113.12*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,845.25*	
		For Tinted Glass, Add	*1,422.62*	
		For Aluminum, Painted Finish, Deduct	*-8,535.74*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	48,513.77	536.13
		For Bronze Instead Of Stainless Steel, Deduct	*-11,793.36*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*4,717.34*	
		For Tinted Glass, Add	*2,358.67*	
		For Aluminum, Painted Finish, Deduct	*-14,152.03*	

08 43 Storefronts *(08 40)*

08 43 13 Aluminum-Framed Storefronts *(08 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0001		**Aluminum Storefront Framing Assembly** *(08 43 13)* Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.		
08 43 13 00-0002		**1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.92	7.46
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.63*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.29	6.72
		For Various Color Class I Anodized Finish, Add	*0.79*	
		For Black Color Class I Anodized Finish, Add	*2.36*	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.40	6.19
		For Various Color Class I Anodized Finish, Add	*0.72*	
		For Black Color Class I Anodized Finish, Add	*2.16*	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.01	5.80
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.02*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.91	5.49
		For Various Color Class I Anodized Finish, Add	*0.64*	
		For Black Color Class I Anodized Finish, Add	*1.91*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.04	5.24
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.82*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.32	5.04
		For Various Color Class I Anodized Finish, Add	*0.58*	
		For Black Color Class I Anodized Finish, Add	*1.74*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.72	4.87
		For Various Color Class I Anodized Finish, Add	*0.56*	
		For Black Color Class I Anodized Finish, Add	*1.68*	
08 43 13 00-0011		**1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.81	9.76
		For Various Color Class I Anodized Finish, Add	*1.14*	
		For Black Color Class I Anodized Finish, Add	*3.43*	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.83	8.64
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.03*	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.10	7.83
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.74*	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.99	7.22
		For Various Color Class I Anodized Finish, Add	*0.84*	
		For Black Color Class I Anodized Finish, Add	*2.52*	
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.34	6.71
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.35*	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.98	6.40
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.22*	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.96	6.10
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.11*	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.05	5.80
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.02*	
08 43 13 00-0020		**1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0021	SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	41.73	11.99
		For Various Color Class I Anodized Finish, Add	*1.41*	
		For Black Color Class I Anodized Finish, Add	*4.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.51	10.47
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.70*	
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.73	9.45
		For Various Color Class I Anodized Finish, Add	*1.10*	
		For Black Color Class I Anodized Finish, Add	*3.31*	
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.91	8.64
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.02*	
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.65	8.03
		For Various Color Class I Anodized Finish, Add	*0.93*	
		For Black Color Class I Anodized Finish, Add	*2.80*	
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.95	7.52
		For Various Color Class I Anodized Finish, Add	*0.87*	
		For Black Color Class I Anodized Finish, Add	*2.62*	
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.52	7.12
		For Various Color Class I Anodized Finish, Add	*0.82*	
		For Black Color Class I Anodized Finish, Add	*2.47*	
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.33	6.81
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.35*	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.71	7.83
		For Various Color Class I Anodized Finish, Add	*0.90*	
		For Black Color Class I Anodized Finish, Add	*2.69*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.01	7.02
		For Various Color Class I Anodized Finish, Add	*0.80*	
		For Black Color Class I Anodized Finish, Add	*2.40*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.96	6.51
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.20*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.51	6.10
		For Various Color Class I Anodized Finish, Add	*0.68*	
		For Black Color Class I Anodized Finish, Add	*2.04*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.34	5.69
		For Various Color Class I Anodized Finish, Add	*0.64*	
		For Black Color Class I Anodized Finish, Add	*1.93*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.51	5.49
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.83*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.67	5.29
		For Various Color Class I Anodized Finish, Add	*0.58*	
		For Black Color Class I Anodized Finish, Add	*1.75*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.11	5.08
		For Various Color Class I Anodized Finish, Add	*0.56*	
		For Black Color Class I Anodized Finish, Add	*1.69*	

08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	35.45	10.57
		For Various Color Class I Anodized Finish, Add	*1.16*	
		For Black Color Class I Anodized Finish, Add	*3.49*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.19	9.35
		For Various Color Class I Anodized Finish, Add	*1.02*	
		For Black Color Class I Anodized Finish, Add	*3.07*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.21	8.44
		For Various Color Class I Anodized Finish, Add	*0.92*	
		For Black Color Class I Anodized Finish, Add	*2.77*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.94	7.83
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.55*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.26	7.32
		For Various Color Class I Anodized Finish, Add	*0.79*	
		For Black Color Class I Anodized Finish, Add	*2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.77	6.91
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.23*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.63	6.51
		For Various Color Class I Anodized Finish, Add	*0.71*	
		For Black Color Class I Anodized Finish, Add	*2.12*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.69	6.20
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.02*	

08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	42.86	12.61
		For Various Color Class I Anodized Finish, Add	*1.43*	
		For Black Color Class I Anodized Finish, Add	*4.29*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	37.45	10.98
		For Various Color Class I Anodized Finish, Add	*1.25*	
		For Black Color Class I Anodized Finish, Add	*3.74*	
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.54	9.86
		For Various Color Class I Anodized Finish, Add	*1.12*	
		For Black Color Class I Anodized Finish, Add	*3.35*	
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.67	9.05
		For Various Color Class I Anodized Finish, Add	*1.02*	
		For Black Color Class I Anodized Finish, Add	*3.05*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.37	8.34
		For Various Color Class I Anodized Finish, Add	*0.94*	
		For Black Color Class I Anodized Finish, Add	*2.82*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.53	7.83
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.64*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.09	7.42
		For Various Color Class I Anodized Finish, Add	*0.83*	
		For Black Color Class I Anodized Finish, Add	*2.48*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.77	7.12
		For Various Color Class I Anodized Finish, Add	*0.79*	
		For Black Color Class I Anodized Finish, Add	*2.36*	

08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.14	8.03
		For Various Color Class I Anodized Finish, Add	*1.26*	
		For Black Color Class I Anodized Finish, Add	*3.79*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.80	7.22
		For Various Color Class I Anodized Finish, Add	*1.14*	
		For Black Color Class I Anodized Finish, Add	*3.41*	
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.48	6.61
		For Various Color Class I Anodized Finish, Add	*1.04*	
		For Black Color Class I Anodized Finish, Add	*3.13*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.73	6.20
		For Various Color Class I Anodized Finish, Add	*0.98*	
		For Black Color Class I Anodized Finish, Add	*2.93*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.35	5.90
		For Various Color Class I Anodized Finish, Add	*0.92*	
		For Black Color Class I Anodized Finish, Add	*2.77*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.23	5.59
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.64*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.36	5.39
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.54*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.57	5.18
		For Various Color Class I Anodized Finish, Add	*0.82*	
		For Black Color Class I Anodized Finish, Add	*2.46*	

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CSI		UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0065			2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*			
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0066		SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		43.77	10.78
			For Various Color Class I Anodized Finish, Add		*1.64*	
			For Black Color Class I Anodized Finish, Add		*4.93*	
08 43 13 00-0067		SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		38.65	9.56
			For Various Color Class I Anodized Finish, Add		*1.45*	
			For Black Color Class I Anodized Finish, Add		*4.36*	
08 43 13 00-0068		SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		35.06	8.64
			For Various Color Class I Anodized Finish, Add		*1.32*	
			For Black Color Class I Anodized Finish, Add		*3.95*	
08 43 13 00-0069		SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		32.35	7.93
			For Various Color Class I Anodized Finish, Add		*1.22*	
			For Black Color Class I Anodized Finish, Add		*3.65*	
08 43 13 00-0070		SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		30.22	7.42
			For Various Color Class I Anodized Finish, Add		*1.14*	
			For Black Color Class I Anodized Finish, Add		*3.41*	
08 43 13 00-0071		SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		28.54	7.02
			For Various Color Class I Anodized Finish, Add		*1.07*	
			For Black Color Class I Anodized Finish, Add		*3.22*	
08 43 13 00-0072		SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		27.18	6.71
			For Various Color Class I Anodized Finish, Add		*1.02*	
			For Black Color Class I Anodized Finish, Add		*3.06*	
08 43 13 00-0073		SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		25.95	6.40
			For Various Color Class I Anodized Finish, Add		*0.98*	
			For Black Color Class I Anodized Finish, Add		*2.93*	
08 43 13 00-0074			2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*			
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0075		SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		52.77	12.61
			For Various Color Class I Anodized Finish, Add		*2.03*	
			For Black Color Class I Anodized Finish, Add		*6.08*	
08 43 13 00-0076		SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		46.39	11.19
			For Various Color Class I Anodized Finish, Add		*1.77*	
			For Black Color Class I Anodized Finish, Add		*5.31*	
08 43 13 00-0077		SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		41.65	10.07
			For Various Color Class I Anodized Finish, Add		*1.59*	
			For Black Color Class I Anodized Finish, Add		*4.77*	
08 43 13 00-0078		SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		38.16	9.15
			For Various Color Class I Anodized Finish, Add		*1.45*	
			For Black Color Class I Anodized Finish, Add		*4.36*	
08 43 13 00-0079		SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		35.37	8.54
			For Various Color Class I Anodized Finish, Add		*1.35*	
			For Black Color Class I Anodized Finish, Add		*4.04*	
08 43 13 00-0080		SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		33.15	8.03
			For Various Color Class I Anodized Finish, Add		*1.26*	
			For Black Color Class I Anodized Finish, Add		*3.79*	
08 43 13 00-0081		SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		31.29	7.52
			For Various Color Class I Anodized Finish, Add		*1.19*	
			For Black Color Class I Anodized Finish, Add		*3.58*	
08 43 13 00-0082		SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly		29.82	7.22
			For Various Color Class I Anodized Finish, Add		*1.14*	
			For Black Color Class I Anodized Finish, Add		*3.41*	
08 43 13 00-0083			Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*			
08 43 13 00-0084		LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing		33.78	6.76
08 43 13 00-0085		LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing		38.50	7.44
08 43 13 00-0086		LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing		58.91	8.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 19		**Stainless-Steel-Framed Storefronts** *(08 43)*		
08 43 19 00-0001		Stainless Steel Storefront Framing Assembly *(08 43 19)* Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.		
08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	41.24	5.08
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*3.35*	
08 44		**Curtain Wall and Glazed Assemblies** *(08 40)*		
08 44 13		**Glazed Aluminum Curtain Walls** *(08 44)*		
08 44 13 00-0001		Curtain Walls *(08 44 13)*		
08 44 13 00-0002		Coping Sections *(08 44 13 00-0001)*		
08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	48.71	3.05
		For Bronze Anodized Aluminum, Add	*4.63*	
		For Stainless Steel, Add	*19.41*	
		For Black Anodized Finish, Add	*8.33*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	50.36	3.05
		For Bronze Anodized Aluminum, Add	*4.88*	
		For Stainless Steel, Add	*20.40*	
		For Black Anodized Finish, Add	*8.78*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	60.82	4.06
		For Bronze Anodized Aluminum, Add	*5.79*	
		For Stainless Steel, Add	*24.27*	
		For Black Anodized Finish, Add	*10.42*	
08 44 13 00-0006		Sill Section *(08 44 13 00-0001)*		
08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	39.34	2.04
		For Bronze Anodized Aluminum, Add	*4.02*	
		For Stainless Steel, Add	*16.70*	
		For Black Anodized Finish, Add	*7.23*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	42.20	2.04
		For Bronze Anodized Aluminum, Add	*4.45*	
		For Stainless Steel, Add	*18.42*	
		For Black Anodized Finish, Add	*8.01*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	45.09	2.04
		For Bronze Anodized Aluminum, Add	*4.88*	
		For Stainless Steel, Add	*20.15*	
		For Black Anodized Finish, Add	*8.79*	
08 44 13 00-0010		Aluminum Column Covers *(08 44 13 00-0001)* Note: Includes all clips and fasteners.		
08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	96.07	5.08
		For Bronze Anodized Aluminum, Add	*10.11*	
		For Stainless Steel, Add	*41.89*	
		For Black Anodized Finish, Add	*18.21*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	116.44	5.08
		For Bronze Anodized Aluminum, Add	*12.91*	
		For Stainless Steel, Add	*53.17*	
		For Black Anodized Finish, Add	*23.24*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	124.08	5.08
		For Bronze Anodized Aluminum, Add	*14.06*	
		For Stainless Steel, Add	*57.76*	
		For Black Anodized Finish, Add	*25.31*	
08 44 13 00-0014		Spandrel Covers *(08 44 13 00-0001)* Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).		
08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	37.80	2.04
		For Bronze Anodized Aluminum, Add	*4.39*	
		For Stainless Steel, Add	*17.98*	
		For Black Anodized Finish, Add	*7.90*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	33.46	2.04
		For Bronze Anodized Aluminum, Add	*3.74*	
		For Stainless Steel, Add	*15.37*	
		For Black Anodized Finish, Add	*6.73*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	69.39	2.04
		For Bronze Anodized Aluminum, Add	*9.13*	
		For Stainless Steel, Add	*36.93*	
		For Black Anodized Finish, Add	*16.43*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	57.15	2.04
		For Bronze Anodized Aluminum, Add	*7.29*	
		For Stainless Steel, Add	*29.59*	
		For Black Anodized Finish, Add	*13.12*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	42.84	2.04
		For Bronze Anodized Aluminum, Add	*4.81*	
		For Stainless Steel, Add	*19.79*	
		For Black Anodized Finish, Add	*8.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	38.73	2.04
		For Bronze Anodized Aluminum, Add	*4.20*	
		For Stainless Steel, Add	*17.32*	
		For Black Anodized Finish, Add	*7.55*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	79.61	2.04
		For Bronze Anodized Aluminum, Add	*10.33*	
		For Stainless Steel, Add	*41.85*	
		For Black Anodized Finish, Add	*18.59*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	65.49	2.04
		For Bronze Anodized Aluminum, Add	*8.21*	
		For Stainless Steel, Add	*33.38*	
		For Black Anodized Finish, Add	*14.78*	
08 44 13 00-0023		**Curtain Wall, Aluminum System Framing Sections** *(08 44 13 00-0001)*		
		Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	53.49	2.04
		For Bronze Anodized Aluminum, Add	*6.81*	
		For Stainless Steel, Add	*27.66*	
		For Black Anodized Finish, Add	*12.26*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	53.33	2.04
		For Bronze Anodized Aluminum, Add	*6.81*	
		For Stainless Steel, Add	*27.65*	
		For Black Anodized Finish, Add	*12.26*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	53.33	2.04
		For Bronze Anodized Aluminum, Add	*6.81*	
		For Stainless Steel, Add	*27.65*	
		For Black Anodized Finish, Add	*12.26*	
		For Corner Mullion, Add	*12.54*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	66.47	4.06
		For Bronze Anodized Aluminum, Add	*8.14*	
		For Stainless Steel, Add	*33.17*	
		For Black Anodized Finish, Add	*14.65*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	66.47	4.06
		For Bronze Anodized Aluminum, Add	*8.14*	
		For Stainless Steel, Add	*33.17*	
		For Black Anodized Finish, Add	*14.65*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	66.47	4.06
		For Bronze Anodized Aluminum, Add	*8.14*	
		For Stainless Steel, Add	*33.17*	
		For Black Anodized Finish, Add	*14.65*	
		For Corner Mullion, Add	*15.40*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	73.04	4.48
		For Bronze Anodized Aluminum, Add	*8.92*	
		For Stainless Steel, Add	*36.37*	
		For Black Anodized Finish, Add	*16.06*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	73.04	4.48
		For Bronze Anodized Aluminum, Add	*8.92*	
		For Stainless Steel, Add	*36.37*	
		For Black Anodized Finish, Add	*16.06*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	73.04	4.48
		For Bronze Anodized Aluminum, Add	*8.92*	
		For Stainless Steel, Add	*36.37*	
		For Black Anodized Finish, Add	*16.06*	
		For Corner Mullion, Add	*16.90*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	79.77	5.08
		For Bronze Anodized Aluminum, Add	*9.71*	
		For Stainless Steel, Add	*39.58*	
		For Black Anodized Finish, Add	*17.47*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	79.77	5.08
		For Bronze Anodized Aluminum, Add	*9.71*	
		For Stainless Steel, Add	*39.58*	
		For Black Anodized Finish, Add	*17.47*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	79.77	5.08
		For Bronze Anodized Aluminum, Add	*9.71*	
		For Stainless Steel, Add	*39.58*	
		For Black Anodized Finish, Add	*17.47*	
		For Corner Mullion, Add	*18.44*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	89.42	5.49
		For Bronze Anodized Aluminum, Add	*10.95*	
		For Stainless Steel, Add	*44.61*	
		For Black Anodized Finish, Add	*19.70*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	89.42	5.49
		For Bronze Anodized Aluminum, Add	*10.95*	
		For Stainless Steel, Add	*44.61*	
		For Black Anodized Finish, Add	*19.70*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	89.42	5.49
		For Bronze Anodized Aluminum, Add	*10.95*	
		For Stainless Steel, Add	*44.61*	
		For Black Anodized Finish, Add	*19.70*	
		For Corner Mullion, Add	*20.71*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	102.65	6.10
		For Bronze Anodized Aluminum, Add	*12.57*	
		For Stainless Steel, Add	*51.22*	
		For Black Anodized Finish, Add	*22.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	102.65	6.10
		For Bronze Anodized Aluminum, Add	*12.57*	
		For Stainless Steel, Add	*51.22*	
		For Black Anodized Finish, Add	*22.62*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	102.65	6.10
		For Bronze Anodized Aluminum, Add	*12.57*	
		For Stainless Steel, Add	*51.22*	
		For Black Anodized Finish, Add	*22.62*	
		For Corner Mullion, Add	*23.78*	

08 45 Translucent Wall and Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	116.01	5.03
		For Aluminum Frame, Add	*10.85*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	106.35	4.28
		For Aluminum Frame, Add	*9.99*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	502.95	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.23*	
		For Clear Anodized Finish, Add	*17.69*	
		For Color Anodized Finish, Add	*24.77*	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	566.89	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.50*	
		For Clear Anodized Finish, Add	*20.42*	
		For Color Anodized Finish, Add	*28.59*	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	621.32	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.21*	
		For Clear Anodized Finish, Add	*22.68*	
		For Color Anodized Finish, Add	*31.75*	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	666.26	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.35*	
		For Clear Anodized Finish, Add	*24.46*	
		For Color Anodized Finish, Add	*34.24*	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	768.19	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.90*	
		For Clear Anodized Finish, Add	*29.09*	
		For Color Anodized Finish, Add	*40.72*	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	25.00	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.16*	
		For Clear Anodized Finish, Add	*0.97*	
		For Color Anodized Finish, Add	*1.36*	

08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	754.65	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.33*	
		For Clear Anodized Finish, Add	*30.27*	
		For Color Anodized Finish, Add	*42.38*	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	839.95	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.89*	
		For Clear Anodized Finish, Add	*34.07*	
		For Color Anodized Finish, Add	*47.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	911.01	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.59*	
		For Clear Anodized Finish, Add	*37.16*	
		For Color Anodized Finish, Add	*52.02*	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	979.69	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*48.15*	
		For Clear Anodized Finish, Add	*40.13*	
		For Color Anodized Finish, Add	*56.18*	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,167.10	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.84*	
		For Clear Anodized Finish, Add	*49.03*	
		For Color Anodized Finish, Add	*68.65*	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	38.30	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.96*	
		For Clear Anodized Finish, Add	*1.64*	
		For Color Anodized Finish, Add	*2.29*	
08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	797.39	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.89*	
		For Clear Anodized Finish, Add	*32.41*	
		For Color Anodized Finish, Add	*45.38*	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	899.31	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.45*	
		For Clear Anodized Finish, Add	*37.04*	
		For Color Anodized Finish, Add	*51.86*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	982.24	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*48.87*	
		For Clear Anodized Finish, Add	*40.72*	
		For Color Anodized Finish, Add	*57.01*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,062.79	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.14*	
		For Clear Anodized Finish, Add	*44.28*	
		For Color Anodized Finish, Add	*62.00*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,269.20	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.97*	
		For Clear Anodized Finish, Add	*54.14*	
		For Color Anodized Finish, Add	*75.79*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	41.69	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.17*	
		For Clear Anodized Finish, Add	*1.80*	
		For Color Anodized Finish, Add	*2.53*	
08 51 13 00-0024		4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*		
08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	878.12	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.74*	
		For Clear Anodized Finish, Add	*36.45*	
		For Color Anodized Finish, Add	*51.03*	
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,010.91	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.15*	
		For Clear Anodized Finish, Add	*42.62*	
		For Color Anodized Finish, Add	*59.67*	
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,096.21	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*55.70*	
		For Clear Anodized Finish, Add	*46.42*	
		For Color Anodized Finish, Add	*64.99*	
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,176.77	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.99*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.98*	
		For Clear Anodized Finish, Add	*49.98*	
		For Color Anodized Finish, Add	*69.98*	
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,366.56	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*70.81*	
		For Clear Anodized Finish, Add	*59.01*	
		For Color Anodized Finish, Add	*82.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	44.94	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.36*	
		For Clear Anodized Finish, Add	*1.97*	
		For Color Anodized Finish, Add	*2.75*	

08 51 13 00-0031 Double Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0031)*

08 51 13 00-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	567.06	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.07*	
		For Clear Anodized Finish, Add	*20.90*	
		For Color Anodized Finish, Add	*29.25*	
08 51 13 00-0034	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	628.62	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.21*	
		For Clear Anodized Finish, Add	*23.51*	
		For Color Anodized Finish, Add	*32.91*	
08 51 13 00-0035	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	680.68	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.77*	
		For Clear Anodized Finish, Add	*25.64*	
		For Color Anodized Finish, Add	*35.90*	
08 51 13 00-0036	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	735.12	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.48*	
		For Clear Anodized Finish, Add	*27.90*	
		For Color Anodized Finish, Add	*39.06*	
08 51 13 00-0037	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	860.80	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.46*	
		For Clear Anodized Finish, Add	*33.72*	
		For Color Anodized Finish, Add	*47.20*	
08 51 13 00-0038	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	28.09	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.35*	
		For Clear Anodized Finish, Add	*1.12*	
		For Color Anodized Finish, Add	*1.57*	

08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0031)*

08 51 13 00-0040	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	702.41	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.20*	
		For Clear Anodized Finish, Add	*27.66*	
		For Color Anodized Finish, Add	*38.73*	
08 51 13 00-0041	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	816.21	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.46*	
		For Clear Anodized Finish, Add	*32.89*	
		For Color Anodized Finish, Add	*46.04*	
08 51 13 00-0042	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	908.63	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.45*	
		For Clear Anodized Finish, Add	*37.04*	
		For Color Anodized Finish, Add	*51.86*	
08 51 13 00-0043	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,012.93	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.15*	
		For Clear Anodized Finish, Add	*41.79*	
		For Color Anodized Finish, Add	*58.51*	
08 51 13 00-0044	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,205.09	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.12*	
		For Clear Anodized Finish, Add	*50.93*	
		For Color Anodized Finish, Add	*71.30*	
08 51 13 00-0045	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	39.55	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.04*	
		For Clear Anodized Finish, Add	*1.70*	
		For Color Anodized Finish, Add	*2.38*	

08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0031)*

08 51 13 00-0047	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	889.99	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.45*	
		For Clear Anodized Finish, Add	*37.04*	
		For Color Anodized Finish, Add	*51.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,022.78	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.86*	
		For Clear Anodized Finish, Add	*43.22*	
		For Color Anodized Finish, Add	*60.50*	
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,134.21	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*57.98*	
		For Clear Anodized Finish, Add	*48.32*	
		For Color Anodized Finish, Add	*67.65*	
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,243.25	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.97*	
		For Clear Anodized Finish, Add	*53.31*	
		For Color Anodized Finish, Add	*74.63*	
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,506.65	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*79.21*	
		For Clear Anodized Finish, Add	*66.01*	
		For Color Anodized Finish, Add	*92.41*	
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	49.60	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.64*	
		For Clear Anodized Finish, Add	*2.20*	
		For Color Anodized Finish, Add	*3.08*	
08 51 13 00-0053		4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0031)*		
08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,400.32	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*74.51*	
		For Clear Anodized Finish, Add	*62.09*	
		For Color Anodized Finish, Add	*86.93*	
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,535.49	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*82.06*	
		For Clear Anodized Finish, Add	*68.38*	
		For Color Anodized Finish, Add	*95.74*	
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,694.40	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*30.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*91.04*	
		For Clear Anodized Finish, Add	*75.86*	
		For Color Anodized Finish, Add	*106.21*	
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,962.55	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*106.57*	
		For Clear Anodized Finish, Add	*88.81*	
		For Color Anodized Finish, Add	*124.33*	
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	64.72	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.55*	
		For Clear Anodized Finish, Add	*2.96*	
		For Color Anodized Finish, Add	*4.14*	
08 51 13 00-0059		5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0031)*		
08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,936.95	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*106.71*	
		For Clear Anodized Finish, Add	*88.92*	
		For Color Anodized Finish, Add	*124.49*	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,088.74	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*38.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*115.26*	
		For Clear Anodized Finish, Add	*96.05*	
		For Color Anodized Finish, Add	*134.47*	
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,261.90	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*41.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*125.09*	
		For Clear Anodized Finish, Add	*104.24*	
		For Color Anodized Finish, Add	*145.93*	
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,563.28	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*47.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*142.61*	
		For Clear Anodized Finish, Add	*118.84*	
		For Color Anodized Finish, Add	*166.38*	
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	84.91	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.76*	
		For Clear Anodized Finish, Add	*3.97*	
		For Color Anodized Finish, Add	*5.55*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0065		Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0066		One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*		
08 51 13 00-0067		2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0066)*		
08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	514.83	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.94*	
		For Clear Anodized Finish, Add	*18.28*	
		For Color Anodized Finish, Add	*25.60*	
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	581.13	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.36*	
		For Clear Anodized Finish, Add	*21.13*	
		For Color Anodized Finish, Add	*29.59*	
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	630.82	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.78*	
		For Clear Anodized Finish, Add	*23.15*	
		For Color Anodized Finish, Add	*32.41*	
08 51 13 00-0071	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	682.88	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.35*	
		For Clear Anodized Finish, Add	*25.29*	
		For Color Anodized Finish, Add	*35.40*	
08 51 13 00-0072	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	789.56	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.19*	
		For Clear Anodized Finish, Add	*30.16*	
		For Color Anodized Finish, Add	*42.22*	
08 51 13 00-0073	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	25.71	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.21*	
		For Clear Anodized Finish, Add	*1.01*	
		For Color Anodized Finish, Add	*1.41*	
08 51 13 00-0074		3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0066)*		
08 51 13 00-0075	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	816.38	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.03*	
		For Clear Anodized Finish, Add	*33.36*	
		For Color Anodized Finish, Add	*46.71*	
08 51 13 00-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	920.68	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.73*	
		For Clear Anodized Finish, Add	*38.11*	
		For Color Anodized Finish, Add	*53.35*	
08 51 13 00-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,003.61	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.15*	
		For Clear Anodized Finish, Add	*41.79*	
		For Color Anodized Finish, Add	*58.51*	
08 51 13 00-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,084.16	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.42*	
		For Clear Anodized Finish, Add	*45.35*	
		For Color Anodized Finish, Add	*63.49*	
08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,259.71	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.40*	
		For Clear Anodized Finish, Add	*53.66*	
		For Color Anodized Finish, Add	*75.13*	
08 51 13 00-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	41.38	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.15*	
		For Clear Anodized Finish, Add	*1.79*	
		For Color Anodized Finish, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0081		Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*		
08 51 13 00-0082		3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0081)*		
08 51 13 00-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	576.56	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.64*	
		For Clear Anodized Finish, Add	*21.37*	
		For Color Anodized Finish, Add	*29.92*	
08 51 13 00-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	661.87	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.20*	
		For Clear Anodized Finish, Add	*25.17*	
		For Color Anodized Finish, Add	*35.24*	
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	718.67	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.05*	
		For Clear Anodized Finish, Add	*27.54*	
		For Color Anodized Finish, Add	*38.56*	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	765.99	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.33*	
		For Clear Anodized Finish, Add	*29.44*	
		For Color Anodized Finish, Add	*41.22*	
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	886.92	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.03*	
		For Clear Anodized Finish, Add	*35.02*	
		For Color Anodized Finish, Add	*49.03*	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	28.94	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.40*	
		For Clear Anodized Finish, Add	*1.17*	
		For Color Anodized Finish, Add	*1.63*	
08 51 13 00-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*		
08 51 13 00-0090		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0089)*		
08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,476.48	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*79.64*	
		For Clear Anodized Finish, Add	*66.37*	
		For Color Anodized Finish, Add	*92.91*	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,699.24	103.47
		For 50% Fluoropolymer Finish (Acrynar), Add	*30.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*91.61*	
		For Clear Anodized Finish, Add	*76.34*	
		For Color Anodized Finish, Add	*106.87*	
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,836.78	109.07
		For 50% Fluoropolymer Finish (Acrynar), Add	*33.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*99.30*	
		For Clear Anodized Finish, Add	*82.75*	
		For Color Anodized Finish, Add	*115.85*	
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	2,221.01	123.05
		For 50% Fluoropolymer Finish (Acrynar), Add	*40.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*120.96*	
		For Clear Anodized Finish, Add	*100.80*	
		For Color Anodized Finish, Add	*141.11*	
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	2,564.77	139.83
		For 50% Fluoropolymer Finish (Acrynar), Add	*46.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*139.90*	
		For Clear Anodized Finish, Add	*116.59*	
		For Color Anodized Finish, Add	*163.22*	
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	44.45	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.33*	
		For Clear Anodized Finish, Add	*1.94*	
		For Color Anodized Finish, Add	*2.72*	
08 51 13 00-0097		Fixed Aluminum Windows *(08 51 13 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0098		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0097)*		
08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	403.23	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.24*	
		For Clear Anodized Finish, Add	*12.70*	
		For Color Anodized Finish, Add	*17.78*	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	460.04	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.09*	
		For Clear Anodized Finish, Add	*15.08*	
		For Color Anodized Finish, Add	*21.11*	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	485.98	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.09*	
		For Clear Anodized Finish, Add	*15.91*	
		For Color Anodized Finish, Add	*22.27*	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	511.92	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.09*	
		For Clear Anodized Finish, Add	*16.74*	
		For Color Anodized Finish, Add	*23.44*	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	675.59	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.35*	
		For Clear Anodized Finish, Add	*24.46*	
		For Color Anodized Finish, Add	*34.24*	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	21.91	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.98*	
		For Clear Anodized Finish, Add	*0.82*	
		For Color Anodized Finish, Add	*1.14*	
08 51 13 00-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0097)*		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	507.70	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.51*	
		For Clear Anodized Finish, Add	*17.93*	
		For Color Anodized Finish, Add	*25.10*	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	581.13	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.36*	
		For Clear Anodized Finish, Add	*21.13*	
		For Color Anodized Finish, Add	*29.59*	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	626.07	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.50*	
		For Clear Anodized Finish, Add	*22.91*	
		For Color Anodized Finish, Add	*32.08*	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	673.38	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.78*	
		For Clear Anodized Finish, Add	*24.81*	
		For Color Anodized Finish, Add	*34.74*	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	886.92	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.03*	
		For Clear Anodized Finish, Add	*35.02*	
		For Color Anodized Finish, Add	*49.03*	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	28.94	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.40*	
		For Clear Anodized Finish, Add	*1.17*	
		For Color Anodized Finish, Add	*1.63*	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) *(08 51 13 00-0097)*		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	436.47	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.24*	
		For Clear Anodized Finish, Add	*14.37*	
		For Color Anodized Finish, Add	*20.11*	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	509.90	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.09*	
		For Clear Anodized Finish, Add	*17.57*	
		For Color Anodized Finish, Add	*24.60*	
08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	550.09	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.94*	
		For Clear Anodized Finish, Add	*19.11*	
		For Color Anodized Finish, Add	*26.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	592.65	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.93*	
		For Clear Anodized Finish, Add	*20.78*	
		For Color Anodized Finish, Add	*29.09*	
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	794.31	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.47*	
		For Clear Anodized Finish, Add	*30.39*	
		For Color Anodized Finish, Add	*42.55*	
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	25.85	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.22*	
		For Clear Anodized Finish, Add	*1.01*	
		For Color Anodized Finish, Add	*1.42*	
08 51 13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0097)*		
08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	434.10	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.10*	
		For Clear Anodized Finish, Add	*14.25*	
		For Color Anodized Finish, Add	*19.95*	
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	500.40	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.52*	
		For Clear Anodized Finish, Add	*17.10*	
		For Color Anodized Finish, Add	*23.93*	
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	540.59	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.37*	
		For Clear Anodized Finish, Add	*18.64*	
		For Color Anodized Finish, Add	*26.10*	
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	583.15	106.28
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.36*	
		For Clear Anodized Finish, Add	*20.30*	
		For Color Anodized Finish, Add	*28.42*	
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	784.81	111.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.90*	
		For Clear Anodized Finish, Add	*29.92*	
		For Color Anodized Finish, Add	*41.89*	
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	25.55	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.20*	
		For Clear Anodized Finish, Add	*1.00*	
		For Color Anodized Finish, Add	*1.40*	
08 51 13 00-0126		Projected Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0127		Single Vent, Projected Aluminum Windows *(08 51 13 00-0126)*		
08 51 13 00-0128		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0127)*		
08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	581.79	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.96*	
		For Clear Anodized Finish, Add	*21.63*	
		For Color Anodized Finish, Add	*30.28*	
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	630.76	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.34*	
		For Clear Anodized Finish, Add	*23.61*	
		For Color Anodized Finish, Add	*33.06*	
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	687.81	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.20*	
		For Clear Anodized Finish, Add	*26.00*	
		For Color Anodized Finish, Add	*36.40*	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	40.27	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.08*	
		For Clear Anodized Finish, Add	*1.73*	
		For Color Anodized Finish, Add	*2.43*	
08 51 13 00-0133		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0127)*		
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	791.71	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.55*	
		For Clear Anodized Finish, Add	*32.13*	
		For Color Anodized Finish, Add	*44.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	875.35	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.01*	
		For Clear Anodized Finish, Add	*35.84*	
		For Color Anodized Finish, Add	*50.18*	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	972.74	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*48.30*	
		For Clear Anodized Finish, Add	*40.25*	
		For Color Anodized Finish, Add	*56.35*	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	59.26	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.22*	
		For Clear Anodized Finish, Add	*2.68*	
		For Color Anodized Finish, Add	*3.76*	

08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0127)*

08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	870.45	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.28*	
		For Clear Anodized Finish, Add	*36.06*	
		For Color Anodized Finish, Add	*50.49*	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	967.05	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*48.51*	
		For Clear Anodized Finish, Add	*40.43*	
		For Color Anodized Finish, Add	*56.60*	
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,079.59	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.71*	
		For Clear Anodized Finish, Add	*45.59*	
		For Color Anodized Finish, Add	*63.83*	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	66.39	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.65*	
		For Clear Anodized Finish, Add	*3.04*	
		For Color Anodized Finish, Add	*4.26*	

08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0127)*

08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	924.68	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.53*	
		For Clear Anodized Finish, Add	*38.78*	
		For Color Anodized Finish, Add	*54.29*	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,030.24	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.31*	
		For Clear Anodized Finish, Add	*43.59*	
		For Color Anodized Finish, Add	*61.02*	
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,153.20	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.12*	
		For Clear Anodized Finish, Add	*49.27*	
		For Color Anodized Finish, Add	*68.98*	
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	71.30	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.94*	
		For Clear Anodized Finish, Add	*3.29*	
		For Color Anodized Finish, Add	*4.60*	

08 51 13 00-0148 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0127)*

08 51 13 00-0149	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	917.68	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.11*	
		For Clear Anodized Finish, Add	*38.43*	
		For Color Anodized Finish, Add	*53.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0150	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,022.09	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.82*	
		For Clear Anodized Finish, Add	*43.18*	
		For Color Anodized Finish, Add	*60.45*	
08 51 13 00-0151	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,143.70	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.55*	
		For Clear Anodized Finish, Add	*48.80*	
		For Color Anodized Finish, Add	*68.31*	
08 51 13 00-0152	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	70.66	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.90*	
		For Clear Anodized Finish, Add	*3.25*	
		For Color Anodized Finish, Add	*4.55*	

08 51 13 00-0153 Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0126)*

08 51 13 00-0154 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0153)*

08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	810.97	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.71*	
		For Clear Anodized Finish, Add	*33.09*	
		For Color Anodized Finish, Add	*46.33*	
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	897.77	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.36*	
		For Clear Anodized Finish, Add	*36.96*	
		For Color Anodized Finish, Add	*51.75*	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	998.86	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.86*	
		For Clear Anodized Finish, Add	*41.55*	
		For Color Anodized Finish, Add	*58.17*	
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	60.92	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.32*	
		For Clear Anodized Finish, Add	*2.77*	
		For Color Anodized Finish, Add	*3.87*	

08 51 13 00-0159 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0153)*

08 51 13 00-0160	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,143.37	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.65*	
		For Clear Anodized Finish, Add	*49.71*	
		For Color Anodized Finish, Add	*69.59*	
08 51 13 00-0161	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,285.02	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*67.59*	
		For Clear Anodized Finish, Add	*56.33*	
		For Color Anodized Finish, Add	*78.86*	
08 51 13 00-0162	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,450.01	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*76.93*	
		For Clear Anodized Finish, Add	*64.11*	
		For Color Anodized Finish, Add	*89.75*	
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	91.08	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.13*	
		For Clear Anodized Finish, Add	*4.27*	
		For Color Anodized Finish, Add	*5.98*	

08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0153)*

08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,213.35	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.85*	
		For Clear Anodized Finish, Add	*53.21*	
		For Color Anodized Finish, Add	*74.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,366.53	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*72.48*	
		For Clear Anodized Finish, Add	*60.40*	
		For Color Anodized Finish, Add	*84.56*	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,544.99	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*82.63*	
		For Clear Anodized Finish, Add	*68.86*	
		For Color Anodized Finish, Add	*96.40*	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	97.25	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.50*	
		For Clear Anodized Finish, Add	*4.58*	
		For Color Anodized Finish, Add	*6.42*	

08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0153)*

08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,206.36	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.43*	
		For Clear Anodized Finish, Add	*52.86*	
		For Color Anodized Finish, Add	*74.00*	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,358.39	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.99*	
		For Clear Anodized Finish, Add	*60.00*	
		For Color Anodized Finish, Add	*83.99*	
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,535.49	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*82.06*	
		For Clear Anodized Finish, Add	*68.38*	
		For Color Anodized Finish, Add	*95.74*	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	96.78	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.47*	
		For Clear Anodized Finish, Add	*4.56*	
		For Color Anodized Finish, Add	*6.38*	

08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0153)*

08 51 13 00-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,314.83	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.94*	
		For Clear Anodized Finish, Add	*58.28*	
		For Color Anodized Finish, Add	*81.60*	
08 51 13 00-0176	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,484.76	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*79.58*	
		For Clear Anodized Finish, Add	*66.31*	
		For Color Anodized Finish, Add	*92.84*	
08 51 13 00-0177	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,682.71	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*30.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*90.89*	
		For Clear Anodized Finish, Add	*75.75*	
		For Color Anodized Finish, Add	*106.04*	
08 51 13 00-0178	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	106.51	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.05*	
		For Clear Anodized Finish, Add	*5.05*	
		For Color Anodized Finish, Add	*7.06*	

08 51 13 00-0179 Casement Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0180 Single Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0180)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0182	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	667.50	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.10*	
		For Clear Anodized Finish, Add	*25.92*	
		For Color Anodized Finish, Add	*36.28*	
08 51 13 00-0183	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	730.63	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.33*	
		For Clear Anodized Finish, Add	*28.61*	
		For Color Anodized Finish, Add	*40.05*	
08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	804.16	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.18*	
		For Clear Anodized Finish, Add	*31.82*	
		For Color Anodized Finish, Add	*44.55*	
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	48.03	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.55*	
		For Clear Anodized Finish, Add	*2.12*	
		For Color Anodized Finish, Add	*2.97*	

08 51 13 00-0186 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0180)*

08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	985.92	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.21*	
		For Clear Anodized Finish, Add	*41.84*	
		For Color Anodized Finish, Add	*58.57*	
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,101.57	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*56.59*	
		For Clear Anodized Finish, Add	*47.15*	
		For Color Anodized Finish, Add	*66.02*	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,236.31	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.11*	
		For Clear Anodized Finish, Add	*53.43*	
		For Color Anodized Finish, Add	*74.80*	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	76.83	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.27*	
		For Clear Anodized Finish, Add	*3.56*	
		For Color Anodized Finish, Add	*4.99*	

08 51 13 00-0191 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0180)*

08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	991.17	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.52*	
		For Clear Anodized Finish, Add	*42.10*	
		For Color Anodized Finish, Add	*58.94*	
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,107.69	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*56.95*	
		For Clear Anodized Finish, Add	*47.46*	
		For Color Anodized Finish, Add	*66.44*	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,243.43	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.54*	
		For Clear Anodized Finish, Add	*53.78*	
		For Color Anodized Finish, Add	*75.29*	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	77.31	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.30*	
		For Clear Anodized Finish, Add	*3.59*	
		For Color Anodized Finish, Add	*5.02*	

08 51 13 00-0196 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0180)*

08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,045.40	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.77*	
		For Clear Anodized Finish, Add	*44.81*	
		For Color Anodized Finish, Add	*62.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,170.88	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*60.74*	
		For Clear Anodized Finish, Add	*50.62*	
		For Color Anodized Finish, Add	*70.87*	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,317.04	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.95*	
		For Clear Anodized Finish, Add	*57.46*	
		For Color Anodized Finish, Add	*80.45*	
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	82.22	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.60*	
		For Clear Anodized Finish, Add	*3.83*	
		For Color Anodized Finish, Add	*5.36*	
08 51 13 00-0201		Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0179)*		
08 51 13 00-0202		2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*		
08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	763.73	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.87*	
		For Clear Anodized Finish, Add	*30.73*	
		For Color Anodized Finish, Add	*43.02*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	842.73	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.06*	
		For Clear Anodized Finish, Add	*34.21*	
		For Color Anodized Finish, Add	*47.90*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	934.75	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.02*	
		For Clear Anodized Finish, Add	*38.35*	
		For Color Anodized Finish, Add	*53.69*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	56.72	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.07*	
		For Clear Anodized Finish, Add	*2.56*	
		For Color Anodized Finish, Add	*3.58*	
08 51 13 00-0207		2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*		
08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,082.13	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*55.98*	
		For Clear Anodized Finish, Add	*46.65*	
		For Color Anodized Finish, Add	*65.31*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,213.67	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.31*	
		For Clear Anodized Finish, Add	*52.76*	
		For Color Anodized Finish, Add	*73.86*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,366.90	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.95*	
		For Clear Anodized Finish, Add	*59.96*	
		For Color Anodized Finish, Add	*83.94*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	85.55	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.80*	
		For Clear Anodized Finish, Add	*4.00*	
		For Color Anodized Finish, Add	*5.60*	
08 51 13 00-0212		3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*		
08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,199.36	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.01*	
		For Clear Anodized Finish, Add	*52.51*	
		For Color Anodized Finish, Add	*73.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,350.25	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.51*	
		For Clear Anodized Finish, Add	*59.59*	
		For Color Anodized Finish, Add	*83.42*	
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,525.99	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*81.49*	
		For Clear Anodized Finish, Add	*67.91*	
		For Color Anodized Finish, Add	*95.07*	
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	96.14	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.43*	
		For Clear Anodized Finish, Add	*4.53*	
		For Color Anodized Finish, Add	*6.34*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,306.07	89.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.41*	
		For Clear Anodized Finish, Add	*57.85*	
		For Color Anodized Finish, Add	*80.98*	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,474.57	95.08
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*78.97*	
		For Clear Anodized Finish, Add	*65.80*	
		For Color Anodized Finish, Add	*92.13*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,670.83	100.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*30.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*90.18*	
		For Clear Anodized Finish, Add	*75.15*	
		For Color Anodized Finish, Add	*105.21*	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	105.80	3.36
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.01*	
		For Clear Anodized Finish, Add	*5.01*	
		For Color Anodized Finish, Add	*7.01*	

08 51 13 00-0222 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0223 Aluminum Window Mullions *(08 51 13 00-0222)*

08 51 13 00-0224	LF	Integral Mullions For Aluminum Windows	22.87	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.91*	
		For Clear Anodized Finish, Add	*0.76*	
		For Color Anodized Finish, Add	*1.06*	

08 51 13 00-0225 Aluminum Window Panning *(08 51 13 00-0222)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

08 51 13 00-0226	EA	Up To 6 SF Window, Aluminum Window Panning	237.72	35.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.75*	
		For Clear Anodized Finish, Add	*8.96*	
		For Color Anodized Finish, Add	*12.54*	
08 51 13 00-0227	EA	>6 To 10 SF Window, Aluminum Window Panning	328.57	58.56
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.86*	
		For Clear Anodized Finish, Add	*11.55*	
		For Color Anodized Finish, Add	*16.17*	
08 51 13 00-0228	EA	>10 To 15 SF Window, Aluminum Window Panning	398.96	87.85
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.15*	
		For Clear Anodized Finish, Add	*12.63*	
		For Color Anodized Finish, Add	*17.68*	
08 51 13 00-0229	EA	>15 To 20 SF Window, Aluminum Window Panning	473.67	117.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.71*	
		For Clear Anodized Finish, Add	*13.92*	
		For Color Anodized Finish, Add	*19.49*	
08 51 13 00-0230	EA	>20 To 30 SF Window, Aluminum Window Panning	620.92	175.68
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.69*	
		For Clear Anodized Finish, Add	*16.41*	
		For Color Anodized Finish, Add	*22.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0231	SF	>30 SF Window, Aluminum Window Panning	22.45	7.32
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.62*	
		For Clear Anodized Finish, Add	*0.51*	
		For Color Anodized Finish, Add	*0.72*	

08 51 13 00-0232 Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0222)*

08 51 13 00-0233	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	6.57	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.06*	
		For Clear Anodized Finish, Add	*0.05*	
		For Color Anodized Finish, Add	*0.07*	
08 51 13 00-0234	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	9.38	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.23*	
		For Clear Anodized Finish, Add	*0.19*	
		For Color Anodized Finish, Add	*0.26*	
08 51 13 00-0235	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	19.39	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.32*	
		For Clear Anodized Finish, Add	*0.27*	
		For Color Anodized Finish, Add	*0.38*	
08 51 13 00-0236	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	23.41	4.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.45*	
		For Clear Anodized Finish, Add	*0.38*	
		For Color Anodized Finish, Add	*0.53*	

08 51 13 00-0237 Other Aluminum Window Accessories *(08 51 13 00-0222)*

08 51 13 00-0238	EA	Roto Operator For Casement Aluminum Windows	189.16	18.63
08 51 13 00-0239	EA	Head And Sill Automatic Locks For Hung Aluminum Windows	94.18	18.63

08 51 19 Stainless-Steel Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001 Stainless Steel Windows Types *(08 51 19)*

08 51 19 00-0002 Industrial *(08 51 19 00-0001)*

08 51 19 00-0003	SF	Stainless Steel Window With Horizontal Pivot Sash	86.15	5.60
08 51 19 00-0004	SF	Stainless Steel Window, Fixed Sash	64.47	5.60

08 51 19 00-0005 Projected Sash *(08 51 19 00-0001)*

08 51 19 00-0006	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	90.20	5.60
08 51 19 00-0007	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	99.79	5.60

08 51 19 00-0008 Other Type Sash *(08 51 19 00-0001)*

08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	109.35	5.60
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	76.78	5.60
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	63.83	5.60
08 51 19 00-0012	SF	Sliding Stainless Steel Window	112.86	5.60

08 51 19 00-0013 Casements *(08 51 19 00-0001)*

08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	97.80	5.60
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	84.32	5.60
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	58.89	5.60

08 51 23 Steel Windows *(08 51)*

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

08 51 23 00-0001 Steel Windows *(08 51 23)*

08 51 23 00-0002 Industrial *(08 51 23 00-0001)*

08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	48.97	5.60
08 51 23 00-0004	SF	Industrial Steel Window, With Fixed Sash	44.13	5.60
08 51 23 00-0005	SF	Industrial Steel Window, With Operable Security Sash	68.84	5.60
08 51 23 00-0006	SF	Industrial Steel Window, With Fixed Security Sash	59.15	5.60

08 51 23 00-0007 Projected Sash *(08 51 23 00-0001)*

08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	54.35	5.60
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	59.67	5.60

08 51 23 00-0010 Other Type Sash *(08 51 23 00-0001)*

08 51 23 00-0011	SF	Double Hung Steel Window Sash	69.08	5.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0012	SF	Steel Picture Window Sash	31.15	5.60
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	71.18	6.99
08 51 23 00-0014	SF	Single Hung Steel Window Sash	49.63	5.60
08 51 23 00-0015		Casements *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	62.19	2.79
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	54.14	2.79
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	38.94	4.19
08 51 23 00-0019		Mullions *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	23.72	4.19
08 51 23 00-0021	LF	Covered Steel Mullions	38.95	4.19
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame *(08 51 23)* Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	14.45	

08 51 69 Metal Storm Windows *(08 51)*

08 51 69 00-0001		Storm Windows *(08 51 69)*		
08 51 69 00-0002	SF	Double Hung, Aluminum, Combination Storm And Screen	30.27	2.79

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001		Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)* Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 11 00-0002		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	301.27	
		For Low-E Insulated Glass, Add	*26.46*	
		For Aluminum Clad Exterior, Add	*28.35*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	320.09	
		For Low-E Insulated Glass, Add	*28.37*	
		For Aluminum Clad Exterior, Add	*30.39*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	340.27	
		For Low-E Insulated Glass, Add	*30.46*	
		For Aluminum Clad Exterior, Add	*32.64*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	351.04	
		For Low-E Insulated Glass, Add	*31.61*	
		For Aluminum Clad Exterior, Add	*33.86*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	360.45	
		For Low-E Insulated Glass, Add	*32.56*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	372.58	
		For Low-E Insulated Glass, Add	*33.89*	
		For Aluminum Clad Exterior, Add	*36.31*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	377.96	
		For Low-E Insulated Glass, Add	*34.28*	
		For Aluminum Clad Exterior, Add	*36.73*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	402.17	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	422.35	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0012		34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	320.09	
		For Low-E Insulated Glass, Add	*28.37*	
		For Aluminum Clad Exterior, Add	*30.39*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	340.27	
		For Low-E Insulated Glass, Add	*30.46*	
		For Aluminum Clad Exterior, Add	*32.64*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	357.84	
		For Low-E Insulated Glass, Add	*32.56*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	372.58	
		For Low-E Insulated Glass, Add	*33.89*	
		For Aluminum Clad Exterior, Add	*36.31*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	381.99	
		For Low-E Insulated Glass, Add	*34.84*	
		For Aluminum Clad Exterior, Add	*37.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	392.76	
		For Low-E Insulated Glass, Add	*35.98*	
		For Aluminum Clad Exterior, Add	*38.55*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	402.17	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	422.35	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	442.54	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	329.56	
		For Low-E Insulated Glass, Add	*29.51*	
		For Aluminum Clad Exterior, Add	*31.62*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	349.73	
		For Low-E Insulated Glass, Add	*31.61*	
		For Aluminum Clad Exterior, Add	*33.86*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	371.28	
		For Low-E Insulated Glass, Add	*33.89*	
		For Aluminum Clad Exterior, Add	*36.31*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	380.69	
		For Low-E Insulated Glass, Add	*34.84*	
		For Aluminum Clad Exterior, Add	*37.33*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	391.46	
		For Low-E Insulated Glass, Add	*35.98*	
		For Aluminum Clad Exterior, Add	*38.55*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	400.87	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	411.63	
		For Low-E Insulated Glass, Add	*38.08*	
		For Aluminum Clad Exterior, Add	*40.80*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	430.45	
		For Low-E Insulated Glass, Add	*39.98*	
		For Aluminum Clad Exterior, Add	*42.84*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	450.64	
		For Low-E Insulated Glass, Add	*42.08*	
		For Aluminum Clad Exterior, Add	*45.08*	

08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	341.57	
		For Low-E Insulated Glass, Add	*30.46*	
		For Aluminum Clad Exterior, Add	*32.64*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	361.76	
		For Low-E Insulated Glass, Add	*32.56*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	383.30	
		For Low-E Insulated Glass, Add	*34.84*	
		For Aluminum Clad Exterior, Add	*37.33*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	394.07	
		For Low-E Insulated Glass, Add	*35.98*	
		For Aluminum Clad Exterior, Add	*38.55*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	403.47	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	414.24	
		For Low-E Insulated Glass, Add	*38.08*	
		For Aluminum Clad Exterior, Add	*40.80*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	423.65	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	443.84	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	

08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	381.99	
		For Low-E Insulated Glass, Add	*34.84*	
		For Aluminum Clad Exterior, Add	*37.33*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	402.17	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	422.35	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	431.77	
		For Low-E Insulated Glass, Add	*39.98*	
		For Aluminum Clad Exterior, Add	*42.84*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	442.54	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	451.94	
		For Low-E Insulated Glass, Add	*42.08*	
		For Aluminum Clad Exterior, Add	*45.08*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	462.71	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	482.89	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	504.44	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0052		48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	391.46	
		For Low-E Insulated Glass, Add	*35.98*	
		For Aluminum Clad Exterior, Add	*38.55*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	411.63	
		For Low-E Insulated Glass, Add	*38.08*	
		For Aluminum Clad Exterior, Add	*40.80*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	430.45	
		For Low-E Insulated Glass, Add	*39.98*	
		For Aluminum Clad Exterior, Add	*42.84*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	441.23	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	450.64	
		For Low-E Insulated Glass, Add	*42.08*	
		For Aluminum Clad Exterior, Add	*45.08*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	461.41	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	470.82	
		For Low-E Insulated Glass, Add	*44.17*	
		For Aluminum Clad Exterior, Add	*47.33*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	492.35	
		For Low-E Insulated Glass, Add	*46.46*	
		For Aluminum Clad Exterior, Add	*49.77*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	512.54	
		For Low-E Insulated Glass, Add	*48.55*	
		For Aluminum Clad Exterior, Add	*52.02*	
08 52 11 00-0062		50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	403.47	
		For Low-E Insulated Glass, Add	*36.94*	
		For Aluminum Clad Exterior, Add	*39.57*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	423.65	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	443.84	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	453.25	
		For Low-E Insulated Glass, Add	*42.08*	
		For Aluminum Clad Exterior, Add	*45.08*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	473.43	
		For Low-E Insulated Glass, Add	*44.17*	
		For Aluminum Clad Exterior, Add	*47.33*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	484.19	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	505.74	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	525.92	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0072		54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	423.65	
		For Low-E Insulated Glass, Add	*39.03*	
		For Aluminum Clad Exterior, Add	*41.82*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	443.84	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	473.43	
		For Low-E Insulated Glass, Add	*44.17*	
		For Aluminum Clad Exterior, Add	*47.33*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	484.19	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	494.97	
		For Low-E Insulated Glass, Add	*46.46*	
		For Aluminum Clad Exterior, Add	*49.77*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	505.74	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	525.92	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	546.10	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0082		58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	442.54	
		For Low-E Insulated Glass, Add	*41.13*	
		For Aluminum Clad Exterior, Add	*44.06*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	462.71	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	482.89	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	493.66	
		For Low-E Insulated Glass, Add	*46.46*	
		For Aluminum Clad Exterior, Add	*49.77*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	504.44	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	513.85	
		For Low-E Insulated Glass, Add	*48.55*	
		For Aluminum Clad Exterior, Add	*52.02*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	524.61	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	544.79	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	563.62	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0092		60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	450.64	
		For Low-E Insulated Glass, Add	*42.08*	
		For Aluminum Clad Exterior, Add	*45.08*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	470.82	
		For Low-E Insulated Glass, Add	*44.17*	
		For Aluminum Clad Exterior, Add	*47.33*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	492.35	
		For Low-E Insulated Glass, Add	*46.46*	
		For Aluminum Clad Exterior, Add	*49.77*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	503.13	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	512.54	
		For Low-E Insulated Glass, Add	*48.55*	
		For Aluminum Clad Exterior, Add	*52.02*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	523.31	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	532.72	
		For Low-E Insulated Glass, Add	*50.65*	
		For Aluminum Clad Exterior, Add	*54.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	552.90	
		For Low-E Insulated Glass, Add	*52.74*	
		For Aluminum Clad Exterior, Add	*56.51*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	573.08	
		For Low-E Insulated Glass, Add	*54.83*	
		For Aluminum Clad Exterior, Add	*58.75*	
08 52 11 00-0102		62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*43.22*	
		For Aluminum Clad Exterior, Add	*46.31*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	484.19	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	505.74	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	515.15	
		For Low-E Insulated Glass, Add	*48.55*	
		For Aluminum Clad Exterior, Add	*52.02*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	525.92	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	535.33	
		For Low-E Insulated Glass, Add	*50.65*	
		For Aluminum Clad Exterior, Add	*54.26*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	546.10	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	564.92	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	585.10	
		For Low-E Insulated Glass, Add	*55.79*	
		For Aluminum Clad Exterior, Add	*59.77*	
08 52 11 00-0112		66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	484.19	
		For Low-E Insulated Glass, Add	*45.31*	
		For Aluminum Clad Exterior, Add	*48.55*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	505.74	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	525.92	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	535.33	
		For Low-E Insulated Glass, Add	*50.65*	
		For Aluminum Clad Exterior, Add	*54.26*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	546.10	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	555.51	
		For Low-E Insulated Glass, Add	*52.74*	
		For Aluminum Clad Exterior, Add	*56.51*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	564.92	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	585.10	
		For Low-E Insulated Glass, Add	*55.79*	
		For Aluminum Clad Exterior, Add	*59.77*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	605.28	
		For Low-E Insulated Glass, Add	*57.88*	
		For Aluminum Clad Exterior, Add	*62.01*	
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	504.44	
		For Low-E Insulated Glass, Add	*47.60*	
		For Aluminum Clad Exterior, Add	*51.00*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	524.61	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	544.79	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	554.20	
		For Low-E Insulated Glass, Add	*52.74*	
		For Aluminum Clad Exterior, Add	*56.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	563.62	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	578.42	
		For Low-E Insulated Glass, Add	*55.40*	
		For Aluminum Clad Exterior, Add	*59.36*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	585.22	
		For Low-E Insulated Glass, Add	*55.98*	
		For Aluminum Clad Exterior, Add	*59.98*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	603.97	
		For Low-E Insulated Glass, Add	*57.88*	
		For Aluminum Clad Exterior, Add	*62.01*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	625.51	
		For Low-E Insulated Glass, Add	*60.17*	
		For Aluminum Clad Exterior, Add	*64.46*	

08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	525.92	
		For Low-E Insulated Glass, Add	*49.69*	
		For Aluminum Clad Exterior, Add	*53.24*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	546.10	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	564.92	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	575.69	
		For Low-E Insulated Glass, Add	*54.83*	
		For Aluminum Clad Exterior, Add	*58.75*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	585.10	
		For Low-E Insulated Glass, Add	*55.79*	
		For Aluminum Clad Exterior, Add	*59.77*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	595.87	
		For Low-E Insulated Glass, Add	*56.93*	
		For Aluminum Clad Exterior, Add	*60.99*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	605.28	
		For Low-E Insulated Glass, Add	*57.88*	
		For Aluminum Clad Exterior, Add	*62.01*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	626.83	
		For Low-E Insulated Glass, Add	*60.17*	
		For Aluminum Clad Exterior, Add	*64.46*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	647.00	
		For Low-E Insulated Glass, Add	*62.26*	
		For Aluminum Clad Exterior, Add	*66.71*	

08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	551.32	
		For Low-E Insulated Glass, Add	*51.79*	
		For Aluminum Clad Exterior, Add	*55.49*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	570.14	
		For Low-E Insulated Glass, Add	*53.69*	
		For Aluminum Clad Exterior, Add	*57.53*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	590.32	
		For Low-E Insulated Glass, Add	*55.79*	
		For Aluminum Clad Exterior, Add	*59.77*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	601.09	
		For Low-E Insulated Glass, Add	*56.93*	
		For Aluminum Clad Exterior, Add	*60.99*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	610.51	
		For Low-E Insulated Glass, Add	*57.88*	
		For Aluminum Clad Exterior, Add	*62.01*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	621.27	
		For Low-E Insulated Glass, Add	*59.02*	
		For Aluminum Clad Exterior, Add	*63.24*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	632.04	
		For Low-E Insulated Glass, Add	*60.17*	
		For Aluminum Clad Exterior, Add	*64.46*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	652.22	
		For Low-E Insulated Glass, Add	*62.26*	
		For Aluminum Clad Exterior, Add	*66.71*	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	672.40	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.95*	

08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	89.58	11.66
		For Insulating Glass, Add	*5.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	85.24	12.96
		For Insulating Glass, Add	*5.04*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	81.35	14.54
		For Insulating Glass, Add	*4.44*	

08 52 11 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 11)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	96.57	11.65
		For Insulating Glass, Add	*6.23*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	89.01	12.95
		For Insulating Glass, Add	*5.37*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	83.56	14.53
		For Insulating Glass, Add	*4.63*	

08 52 11 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*

Note: Includes storage, cleaning and supply materials.

08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	21.68	

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Double Hung Wood Clad Windows *(08 52 16)*

Note: Double hung windows feature two movable sashes that operate vertically and open independently.

08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	292.84	42.88
		For Low-E Insulated Glass, Add	*24.85*	
		For Tempered Clear Insulated Glass, Add	*41.41*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	310.00	44.75
		For Low-E Insulated Glass, Add	*26.46*	
		For Tempered Clear Insulated Glass, Add	*44.10*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	326.03	46.61
		For Low-E Insulated Glass, Add	*27.94*	
		For Tempered Clear Insulated Glass, Add	*46.56*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	342.08	48.48
		For Low-E Insulated Glass, Add	*29.42*	
		For Tempered Clear Insulated Glass, Add	*49.03*	

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	317.45	45.68
		For Low-E Insulated Glass, Add	*27.13*	
		For Tempered Clear Insulated Glass, Add	*45.22*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	334.61	47.54
		For Low-E Insulated Glass, Add	*28.74*	
		For Tempered Clear Insulated Glass, Add	*47.91*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	350.66	49.41
		For Low-E Insulated Glass, Add	*30.22*	
		For Tempered Clear Insulated Glass, Add	*50.37*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	366.70	51.27
		For Low-E Insulated Glass, Add	*31.70*	
		For Tempered Clear Insulated Glass, Add	*52.83*	

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	342.08	48.48
		For Low-E Insulated Glass, Add	*29.42*	
		For Tempered Clear Insulated Glass, Add	*49.03*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	358.12	50.34
		For Low-E Insulated Glass, Add	*30.89*	
		For Tempered Clear Insulated Glass, Add	*51.49*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	375.28	52.20
		For Low-E Insulated Glass, Add	*32.50*	
		For Tempered Clear Insulated Glass, Add	*54.17*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	391.32	54.07
		For Low-E Insulated Glass, Add	*33.98*	
		For Tempered Clear Insulated Glass, Add	*56.64*	

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	366.70	51.27
		For Low-E Insulated Glass, Add	*31.70*	
		For Tempered Clear Insulated Glass, Add	*52.83*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	382.75	53.14
		For Low-E Insulated Glass, Add	*33.18*	
		For Tempered Clear Insulated Glass, Add	*55.29*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	398.78	55.00
		For Low-E Insulated Glass, Add	*34.65*	
		For Tempered Clear Insulated Glass, Add	*57.76*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	415.94	56.87
		For Low-E Insulated Glass, Add	*36.27*	
		For Tempered Clear Insulated Glass, Add	*60.44*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	362.41	51.27
		For Low-E Insulated Glass, Add	*31.30*	
		For Tempered Clear Insulated Glass, Add	*52.16*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	378.45	52.67
		For Low-E Insulated Glass, Add	*32.77*	
		For Tempered Clear Insulated Glass, Add	*54.62*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	395.61	55.00
		For Low-E Insulated Glass, Add	*34.38*	
		For Tempered Clear Insulated Glass, Add	*57.31*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	411.65	56.87
		For Low-E Insulated Glass, Add	*35.86*	
		For Tempered Clear Insulated Glass, Add	*59.77*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	427.70	58.73
		For Low-E Insulated Glass, Add	*37.34*	
		For Tempered Clear Insulated Glass, Add	*62.23*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	443.73	60.59
		For Low-E Insulated Glass, Add	*38.82*	
		For Tempered Clear Insulated Glass, Add	*64.70*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	375.28	52.20
		For Low-E Insulated Glass, Add	*32.50*	
		For Tempered Clear Insulated Glass, Add	*54.17*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	391.32	54.07
		For Low-E Insulated Glass, Add	*33.98*	
		For Tempered Clear Insulated Glass, Add	*56.64*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	407.36	55.93
		For Low-E Insulated Glass, Add	*35.46*	
		For Tempered Clear Insulated Glass, Add	*59.10*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	423.40	57.80
		For Low-E Insulated Glass, Add	*36.94*	
		For Tempered Clear Insulated Glass, Add	*61.56*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	439.44	59.66
		For Low-E Insulated Glass, Add	*38.41*	
		For Tempered Clear Insulated Glass, Add	*64.02*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	456.60	61.53
		For Low-E Insulated Glass, Add	*40.03*	
		For Tempered Clear Insulated Glass, Add	*66.71*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	415.94	56.87
		For Low-E Insulated Glass, Add	*36.27*	
		For Tempered Clear Insulated Glass, Add	*60.44*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	431.98	58.73
		For Low-E Insulated Glass, Add	*37.74*	
		For Tempered Clear Insulated Glass, Add	*62.90*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	448.03	60.59
		For Low-E Insulated Glass, Add	*39.22*	
		For Tempered Clear Insulated Glass, Add	*65.37*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	464.07	62.46
		For Low-E Insulated Glass, Add	*40.70*	
		For Tempered Clear Insulated Glass, Add	*67.83*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	439.44	59.66
		For Low-E Insulated Glass, Add	*38.41*	
		For Tempered Clear Insulated Glass, Add	*64.02*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	456.60	61.53
		For Low-E Insulated Glass, Add	*40.03*	
		For Tempered Clear Insulated Glass, Add	*66.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	472.65	63.39
		For Low-E Insulated Glass, Add	*41.50*	
		For Tempered Clear Insulated Glass, Add	*69.17*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	488.69	65.26
		For Low-E Insulated Glass, Add	*42.98*	
		For Tempered Clear Insulated Glass, Add	*71.64*	

08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	359.06	42.88
		For Tempered Low-E Insulated Glass, Add	*54.85*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	380.70	44.29
		For Tempered Low-E Insulated Glass, Add	*58.43*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.46	46.14
		For Tempered Low-E Insulated Glass, Add	*62.23*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	415.40	47.54
		For Tempered Low-E Insulated Glass, Add	*64.25*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	426.21	48.48
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	437.04	49.41
		For Tempered Low-E Insulated Glass, Add	*67.83*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	448.96	49.87
		For Tempered Low-E Insulated Glass, Add	*69.84*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	51.74
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	53.60
		For Tempered Low-E Insulated Glass, Add	*77.23*	

08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	380.70	44.75
		For Tempered Low-E Insulated Glass, Add	*58.43*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.46	46.14
		For Tempered Low-E Insulated Glass, Add	*62.23*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	426.21	48.01
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	437.04	49.41
		For Tempered Low-E Insulated Glass, Add	*67.83*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	448.96	50.34
		For Tempered Low-E Insulated Glass, Add	*69.84*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	459.79	51.27
		For Tempered Low-E Insulated Glass, Add	*71.64*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	51.74
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	53.60
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.47
		For Tempered Low-E Insulated Glass, Add	*81.04*	

08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.46	46.61
		For Tempered Low-E Insulated Glass, Add	*62.23*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	426.21	48.01
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	448.96	49.87
		For Tempered Low-E Insulated Glass, Add	*69.84*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	459.79	51.27
		For Tempered Low-E Insulated Glass, Add	*71.64*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	52.20
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	482.54	53.14
		For Tempered Low-E Insulated Glass, Add	*75.44*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	53.60
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.47
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.33
		For Tempered Low-E Insulated Glass, Add	*84.84*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	426.21	48.48
		For Tempered Low-E Insulated Glass, Add	*66.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	448.96	49.87
		For Tempered Low-E Insulated Glass, Add	*69.84*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	51.74
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	482.54	53.14
		For Tempered Low-E Insulated Glass, Add	*75.44*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	54.07
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	504.18	55.00
		For Tempered Low-E Insulated Glass, Add	*79.02*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.47
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.33
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.20
		For Tempered Low-E Insulated Glass, Add	*88.42*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	448.96	50.34
		For Tempered Low-E Insulated Glass, Add	*69.84*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	51.74
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	53.60
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	504.18	55.00
		For Tempered Low-E Insulated Glass, Add	*79.02*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.93
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	526.94	56.87
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.33
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.20
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.06
		For Tempered Low-E Insulated Glass, Add	*92.23*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	470.60	52.20
		For Tempered Low-E Insulated Glass, Add	*73.43*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	53.60
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.47
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	526.94	56.87
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.80
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	549.70	58.73
		For Tempered Low-E Insulated Glass, Add	*86.63*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.20
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.06
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	62.93
		For Tempered Low-E Insulated Glass, Add	*96.04*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	493.36	54.07
		For Tempered Low-E Insulated Glass, Add	*77.23*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.47
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.33
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	549.70	58.73
		For Tempered Low-E Insulated Glass, Add	*86.63*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.66
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.45	60.59
		For Tempered Low-E Insulated Glass, Add	*90.44*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.06
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	62.93
		For Tempered Low-E Insulated Glass, Add	*96.04*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	627.67	64.79
		For Tempered Low-E Insulated Glass, Add	*99.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0118		64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	516.12	55.93
		For Tempered Low-E Insulated Glass, Add	*81.04*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.33
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.20
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.45	60.59
		For Tempered Low-E Insulated Glass, Add	*90.44*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.53
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	594.09	62.46
		For Tempered Low-E Insulated Glass, Add	*94.02*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	62.93
		For Tempered Low-E Insulated Glass, Add	*96.04*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	627.67	64.79
		For Tempered Low-E Insulated Glass, Add	*99.62*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	650.43	66.65
		For Tempered Low-E Insulated Glass, Add	*103.42*	
08 52 16 00-0128		68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.88	57.80
		For Tempered Low-E Insulated Glass, Add	*84.84*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.20
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.06
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	594.09	62.46
		For Tempered Low-E Insulated Glass, Add	*94.02*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	63.39
		For Tempered Low-E Insulated Glass, Add	*96.04*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	616.84	64.32
		For Tempered Low-E Insulated Glass, Add	*97.83*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	627.67	64.79
		For Tempered Low-E Insulated Glass, Add	*99.62*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	650.43	66.65
		For Tempered Low-E Insulated Glass, Add	*103.42*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.18	68.52
		For Tempered Low-E Insulated Glass, Add	*107.23*	
08 52 16 00-0138		72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	560.52	59.66
		For Tempered Low-E Insulated Glass, Add	*88.42*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.06
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	62.93
		For Tempered Low-E Insulated Glass, Add	*96.04*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	616.84	64.32
		For Tempered Low-E Insulated Glass, Add	*97.83*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	627.67	65.26
		For Tempered Low-E Insulated Glass, Add	*99.62*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	639.60	66.19
		For Tempered Low-E Insulated Glass, Add	*101.63*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	650.43	66.65
		For Tempered Low-E Insulated Glass, Add	*103.42*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.18	68.52
		For Tempered Low-E Insulated Glass, Add	*107.23*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	695.93	70.38
		For Tempered Low-E Insulated Glass, Add	*111.03*	
08 52 16 00-0148		76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.27	61.53
		For Tempered Low-E Insulated Glass, Add	*92.23*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	606.03	62.93
		For Tempered Low-E Insulated Glass, Add	*96.04*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	627.67	64.79
		For Tempered Low-E Insulated Glass, Add	*99.62*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	639.60	66.19
		For Tempered Low-E Insulated Glass, Add	*101.63*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	650.43	67.12
		For Tempered Low-E Insulated Glass, Add	*103.42*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	662.36	68.05
		For Tempered Low-E Insulated Glass, Add	*105.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.18	68.52
		For Tempered Low-E Insulated Glass, Add	*107.23*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	695.93	70.38
		For Tempered Low-E Insulated Glass, Add	*111.03*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	717.57	72.25
		For Tempered Low-E Insulated Glass, Add	*114.62*	

08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	894.06	65.26
		For Tempered Low-E Insulated Glass, Add	*152.90*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	925.77	66.65
		For Tempered Low-E Insulated Glass, Add	*158.49*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	957.49	68.52
		For Tempered Low-E Insulated Glass, Add	*164.09*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	972.79	69.92
		For Tempered Low-E Insulated Glass, Add	*166.78*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	989.19	70.84
		For Tempered Low-E Insulated Glass, Add	*169.69*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,004.49	71.78
		For Tempered Low-E Insulated Glass, Add	*172.37*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,019.78	72.25
		For Tempered Low-E Insulated Glass, Add	*175.06*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,051.50	74.11
		For Tempered Low-E Insulated Glass, Add	*180.66*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,083.21	75.98
		For Tempered Low-E Insulated Glass, Add	*186.25*	

08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	925.77	67.12
		For Tempered Low-E Insulated Glass, Add	*158.49*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	957.49	68.52
		For Tempered Low-E Insulated Glass, Add	*164.09*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	989.19	70.38
		For Tempered Low-E Insulated Glass, Add	*169.69*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,004.49	71.78
		For Tempered Low-E Insulated Glass, Add	*172.37*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,019.78	72.71
		For Tempered Low-E Insulated Glass, Add	*175.06*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,036.20	73.65
		For Tempered Low-E Insulated Glass, Add	*177.97*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,051.50	74.11
		For Tempered Low-E Insulated Glass, Add	*180.66*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,083.21	75.98
		For Tempered Low-E Insulated Glass, Add	*186.25*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,114.92	77.84
		For Tempered Low-E Insulated Glass, Add	*191.85*	

08 52 16 00-0178 Casement Wood Clad Windows *(08 52 16)*

Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.

08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	423.68	35.42
		For Tempered Clear Insulated Glass, Add	*70.75*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	448.41	36.36
		For Tempered Clear Insulated Glass, Add	*75.14*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	475.92	38.23
		For Tempered Clear Insulated Glass, Add	*79.90*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	501.20	40.08
		For Tempered Clear Insulated Glass, Add	*84.21*	

08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	454.84	37.29
		For Tempered Clear Insulated Glass, Add	*76.24*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	479.58	38.23
		For Tempered Clear Insulated Glass, Add	*80.63*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	507.08	40.08
		For Tempered Clear Insulated Glass, Add	*85.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	520.21	41.95
		For Tempered Clear Insulated Glass, Add	*87.26*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	552.48	43.81
		For Tempered Clear Insulated Glass, Add	*93.16*	
08 52 16 00-0192		**35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	510.74	40.08
		For Tempered Clear Insulated Glass, Add	*86.11*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	537.31	41.95
		For Tempered Clear Insulated Glass, Add	*90.87*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	564.82	43.35
		For Tempered Clear Insulated Glass, Add	*95.62*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	608.79	45.21
		For Tempered Clear Insulated Glass, Add	*103.67*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	650.84	46.61
		For Tempered Clear Insulated Glass, Add	*111.52*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	692.08	47.54
		For Tempered Clear Insulated Glass, Add	*119.40*	
08 52 16 00-0199		**40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	548.32	42.88
		For Tempered Clear Insulated Glass, Add	*92.70*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	573.07	43.81
		For Tempered Clear Insulated Glass, Add	*97.09*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	600.57	45.68
		For Tempered Clear Insulated Glass, Add	*101.84*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	664.65	47.54
		For Tempered Clear Insulated Glass, Add	*113.91*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	708.76	49.41
		For Tempered Clear Insulated Glass, Add	*122.17*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	749.82	51.27
		For Tempered Clear Insulated Glass, Add	*129.64*	
08 52 16 00-0206		**48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	601.51	46.61
		For Tempered Clear Insulated Glass, Add	*101.84*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	628.07	47.54
		For Tempered Clear Insulated Glass, Add	*106.60*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	655.59	49.41
		For Tempered Clear Insulated Glass, Add	*111.35*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	744.35	51.27
		For Tempered Clear Insulated Glass, Add	*128.36*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	778.72	53.14
		For Tempered Clear Insulated Glass, Add	*134.68*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	830.44	55.00
		For Tempered Clear Insulated Glass, Add	*144.27*	
08 52 16 00-0213		**52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	638.16	48.48
		For Tempered Clear Insulated Glass, Add	*108.43*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	662.90	49.41
		For Tempered Clear Insulated Glass, Add	*112.82*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	690.41	51.27
		For Tempered Clear Insulated Glass, Add	*117.57*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	800.22	53.14
		For Tempered Clear Insulated Glass, Add	*138.79*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	851.90	55.00
		For Tempered Clear Insulated Glass, Add	*148.57*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	885.38	56.87
		For Tempered Clear Insulated Glass, Add	*154.52*	
08 52 16 00-0220		**59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	690.41	51.27
		For Tempered Clear Insulated Glass, Add	*117.57*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	716.98	53.14
		For Tempered Clear Insulated Glass, Add	*122.33*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	744.48	54.54
		For Tempered Clear Insulated Glass, Add	*127.08*	
08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	879.89	56.40
		For Tempered Clear Insulated Glass, Add	*153.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	916.30	57.80
		For Tempered Clear Insulated Glass, Add	*160.14*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	965.06	59.66
		For Tempered Clear Insulated Glass, Add	*169.15*	

08 52 16 00-0227 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	727.98	54.07
		For Tempered Clear Insulated Glass, Add	*124.16*	
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	752.73	55.00
		For Tempered Clear Insulated Glass, Add	*128.55*	
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	780.23	56.87
		For Tempered Clear Insulated Glass, Add	*133.30*	
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	935.77	58.73
		For Tempered Clear Insulated Glass, Add	*163.66*	
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	969.58	60.59
		For Tempered Clear Insulated Glass, Add	*169.87*	
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,020.93	62.46
		For Tempered Clear Insulated Glass, Add	*179.39*	

08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	780.23	56.87
		For Tempered Clear Insulated Glass, Add	*133.30*	
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	806.81	58.73
		For Tempered Clear Insulated Glass, Add	*138.06*	
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	834.31	60.13
		For Tempered Clear Insulated Glass, Add	*142.81*	
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,015.44	61.99
		For Tempered Clear Insulated Glass, Add	*178.29*	
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,057.15	63.39
		For Tempered Clear Insulated Glass, Add	*186.07*	
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,100.62	65.26
		For Tempered Clear Insulated Glass, Add	*194.02*	

08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	768.72	45.68
		For Tempered Clear Insulated Glass, Add	*135.47*	
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	875.23	49.41
		For Tempered Clear Insulated Glass, Add	*155.28*	
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	998.95	53.14
		For Tempered Clear Insulated Glass, Add	*178.53*	

08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	830.49	47.54
		For Tempered Clear Insulated Glass, Add	*147.08*	
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	937.00	51.27
		For Tempered Clear Insulated Glass, Add	*166.89*	
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,060.71	55.00
		For Tempered Clear Insulated Glass, Add	*190.14*	

08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	822.71	47.54
		For Tempered Clear Insulated Glass, Add	*145.53*	
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	931.66	51.27
		For Tempered Clear Insulated Glass, Add	*166.01*	
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,045.20	55.00
		For Tempered Clear Insulated Glass, Add	*187.23*	
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,177.03	58.26
		For Tempered Clear Insulated Glass, Add	*212.10*	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,265.15	61.06
		For Tempered Clear Insulated Glass, Add	*228.61*	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,412.31	65.26
		For Tempered Clear Insulated Glass, Add	*256.36*	

08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	898.70	49.87
		For Tempered Clear Insulated Glass, Add	*159.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,007.66	53.14
		For Tempered Clear Insulated Glass, Add	*180.28*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,121.19	56.87
		For Tempered Clear Insulated Glass, Add	*201.49*	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,253.01	60.59
		For Tempered Clear Insulated Glass, Add	*226.36*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,350.85	63.39
		For Tempered Clear Insulated Glass, Add	*244.81*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,768.12	67.59
		For Tempered Clear Insulated Glass, Add	*326.59*	

08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,010.41	53.60
		For Tempered Clear Insulated Glass, Add	*180.64*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,121.19	56.87
		For Tempered Clear Insulated Glass, Add	*201.49*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,234.73	60.59
		For Tempered Clear Insulated Glass, Add	*222.71*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,366.55	64.32
		For Tempered Clear Insulated Glass, Add	*247.58*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,460.16	67.12
		For Tempered Clear Insulated Glass, Add	*265.18*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,601.83	71.32
		For Tempered Clear Insulated Glass, Add	*291.84*	

08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,085.47	55.47
		For Tempered Clear Insulated Glass, Add	*194.91*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,194.42	58.73
		For Tempered Clear Insulated Glass, Add	*215.39*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,294.38	62.46
		For Tempered Clear Insulated Glass, Add	*233.89*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,439.77	66.19
		For Tempered Clear Insulated Glass, Add	*261.48*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,537.98	68.99
		For Tempered Clear Insulated Glass, Add	*280.00*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,676.89	73.18
		For Tempered Clear Insulated Glass, Add	*306.11*	

08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,196.25	58.73
		For Tempered Clear Insulated Glass, Add	*215.76*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,305.19	62.46
		For Tempered Clear Insulated Glass, Add	*236.24*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,418.72	66.19
		For Tempered Clear Insulated Glass, Add	*257.46*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,550.56	69.45
		For Tempered Clear Insulated Glass, Add	*282.33*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,648.75	72.25
		For Tempered Clear Insulated Glass, Add	*300.85*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,785.83	76.44
		For Tempered Clear Insulated Glass, Add	*326.59*	

08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,272.23	61.06
		For Tempered Clear Insulated Glass, Add	*230.02*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,381.18	64.32
		For Tempered Clear Insulated Glass, Add	*250.51*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,496.54	68.05
		For Tempered Clear Insulated Glass, Add	*272.09*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,628.37	71.78
		For Tempered Clear Insulated Glass, Add	*296.96*	

08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,383.01	64.32
		For Tempered Clear Insulated Glass, Add	*250.87*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,491.95	68.05
		For Tempered Clear Insulated Glass, Add	*271.36*	
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,605.49	71.78
		For Tempered Clear Insulated Glass, Add	*292.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,737.32	75.04
		For Tempered Clear Insulated Glass, Add	*317.45*	
08 52 16 00-0295		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0296		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,226.62	60.13
		For Tempered Clear Insulated Glass, Add	*221.27*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,429.15	66.19
		For Tempered Clear Insulated Glass, Add	*259.36*	
08 52 16 00-0299		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,302.80	61.99
		For Tempered Clear Insulated Glass, Add	*235.76*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,491.75	68.05
		For Tempered Clear Insulated Glass, Add	*271.13*	
08 52 16 00-0302		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,253.39	60.59
		For Tempered Clear Insulated Glass, Add	*226.44*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,415.97	65.26
		For Tempered Clear Insulated Glass, Add	*257.09*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,616.47	71.78
		For Tempered Clear Insulated Glass, Add	*294.77*	
08 52 16 00-0306		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,325.65	63.39
		For Tempered Clear Insulated Glass, Add	*239.96*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,493.78	67.59
		For Tempered Clear Insulated Glass, Add	*271.72*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,692.45	73.65
		For Tempered Clear Insulated Glass, Add	*309.03*	
08 52 16 00-0310		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,605.49	71.32
		For Tempered Clear Insulated Glass, Add	*292.57*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,804.16	77.38
		For Tempered Clear Insulated Glass, Add	*329.88*	
08 52 16 00-0313		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,680.55	73.18
		For Tempered Clear Insulated Glass, Add	*306.84*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,879.22	79.24
		For Tempered Clear Insulated Glass, Add	*344.15*	
08 52 16 00-0316		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,789.49	76.44
		For Tempered Clear Insulated Glass, Add	*327.32*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,989.99	82.96
		For Tempered Clear Insulated Glass, Add	*365.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0319		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0321		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	508.72	35.42
		For Tempered Low-E Insulated Glass, Add	*87.76*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	538.95	36.36
		For Tempered Low-E Insulated Glass, Add	*93.25*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	572.40	38.23
		For Tempered Low-E Insulated Glass, Add	*99.19*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	603.07	40.08
		For Tempered Low-E Insulated Glass, Add	*104.58*	
08 52 16 00-0326		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	546.74	37.29
		For Tempered Low-E Insulated Glass, Add	*94.62*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	576.97	38.23
		For Tempered Low-E Insulated Glass, Add	*100.11*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	610.42	40.08
		For Tempered Low-E Insulated Glass, Add	*106.05*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	625.90	41.95
		For Tempered Low-E Insulated Glass, Add	*108.40*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	665.54	43.81
		For Tempered Low-E Insulated Glass, Add	*115.77*	
08 52 16 00-0332		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	614.99	40.08
		For Tempered Low-E Insulated Glass, Add	*106.96*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	647.50	41.95
		For Tempered Low-E Insulated Glass, Add	*112.91*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	680.96	43.35
		For Tempered Low-E Insulated Glass, Add	*118.85*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	734.99	45.21
		For Tempered Low-E Insulated Glass, Add	*128.91*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	786.86	46.61
		For Tempered Low-E Insulated Glass, Add	*138.73*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	837.94	47.54
		For Tempered Low-E Insulated Glass, Add	*148.57*	
08 52 16 00-0339		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	660.80	42.88
		For Tempered Low-E Insulated Glass, Add	*115.19*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	691.04	43.81
		For Tempered Low-E Insulated Glass, Add	*120.68*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	724.48	45.68
		For Tempered Low-E Insulated Glass, Add	*126.63*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	803.65	47.54
		For Tempered Low-E Insulated Glass, Add	*141.71*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	858.09	49.41
		For Tempered Low-E Insulated Glass, Add	*152.04*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	908.48	51.27
		For Tempered Low-E Insulated Glass, Add	*161.37*	
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	725.42	46.61
		For Tempered Low-E Insulated Glass, Add	*126.63*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	757.93	47.54
		For Tempered Low-E Insulated Glass, Add	*132.57*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	791.39	49.41
		For Tempered Low-E Insulated Glass, Add	*138.51*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	901.41	51.27
		For Tempered Low-E Insulated Glass, Add	*159.77*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	943.67	53.14
		For Tempered Low-E Insulated Glass, Add	*167.67*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,007.39	55.00
		For Tempered Low-E Insulated Glass, Add	*179.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	770.30	48.48
		For Tempered Low-E Insulated Glass, Add	*134.86*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	800.53	49.41
		For Tempered Low-E Insulated Glass, Add	*140.34*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	833.98	51.27
		For Tempered Low-E Insulated Glass, Add	*146.29*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	970.31	53.14
		For Tempered Low-E Insulated Glass, Add	*172.81*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,034.22	55.00
		For Tempered Low-E Insulated Glass, Add	*185.03*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,075.13	56.87
		For Tempered Low-E Insulated Glass, Add	*192.47*	

08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	833.98	51.27
		For Tempered Low-E Insulated Glass, Add	*146.29*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	866.49	53.14
		For Tempered Low-E Insulated Glass, Add	*152.23*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	899.94	54.54
		For Tempered Low-E Insulated Glass, Add	*158.17*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,068.28	56.40
		For Tempered Low-E Insulated Glass, Add	*191.10*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,113.08	57.80
		For Tempered Low-E Insulated Glass, Add	*199.50*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,173.10	59.66
		For Tempered Low-E Insulated Glass, Add	*210.76*	

08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	879.78	54.07
		For Tempered Low-E Insulated Glass, Add	*154.52*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	910.02	55.00
		For Tempered Low-E Insulated Glass, Add	*160.00*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	943.47	56.87
		For Tempered Low-E Insulated Glass, Add	*165.95*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,136.95	58.73
		For Tempered Low-E Insulated Glass, Add	*203.90*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,178.52	60.59
		For Tempered Low-E Insulated Glass, Add	*211.65*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,241.77	62.46
		For Tempered Low-E Insulated Glass, Add	*223.56*	

08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	943.47	56.87
		For Tempered Low-E Insulated Glass, Add	*165.95*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	975.99	58.73
		For Tempered Low-E Insulated Glass, Add	*171.89*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,009.43	60.13
		For Tempered Low-E Insulated Glass, Add	*177.84*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,234.91	61.99
		For Tempered Low-E Insulated Glass, Add	*222.19*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,286.34	63.39
		For Tempered Low-E Insulated Glass, Add	*231.91*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,339.75	65.26
		For Tempered Low-E Insulated Glass, Add	*241.85*	

08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	931.27	45.68
		For Tempered Low-E Insulated Glass, Add	*167.98*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,062.55	49.41
		For Tempered Low-E Insulated Glass, Add	*192.75*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,215.34	53.14
		For Tempered Low-E Insulated Glass, Add	*221.81*	

08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

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08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,007.55	47.54
		For Tempered Low-E Insulated Glass, Add	*182.49*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,138.82	51.27
		For Tempered Low-E Insulated Glass, Add	*207.25*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,291.61	55.00
		For Tempered Low-E Insulated Glass, Add	*236.32*	
08 52 16 00-0390		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	997.83	47.54
		For Tempered Low-E Insulated Glass, Add	*180.55*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,132.39	51.27
		For Tempered Low-E Insulated Glass, Add	*206.16*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,272.44	55.00
		For Tempered Low-E Insulated Glass, Add	*232.67*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,435.36	58.26
		For Tempered Low-E Insulated Glass, Add	*263.77*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,544.12	61.06
		For Tempered Low-E Insulated Glass, Add	*284.40*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,725.97	65.26
		For Tempered Low-E Insulated Glass, Add	*319.09*	
08 52 16 00-0397		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,091.65	49.87
		For Tempered Low-E Insulated Glass, Add	*198.38*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,226.22	53.14
		For Tempered Low-E Insulated Glass, Add	*223.99*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,366.26	56.87
		For Tempered Low-E Insulated Glass, Add	*250.51*	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,529.18	60.59
		For Tempered Low-E Insulated Glass, Add	*281.60*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,650.08	63.39
		For Tempered Low-E Insulated Glass, Add	*304.66*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,169.57	67.59
		For Tempered Low-E Insulated Glass, Add	*406.88*	
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,229.42	53.60
		For Tempered Low-E Insulated Glass, Add	*224.44*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,366.26	56.87
		For Tempered Low-E Insulated Glass, Add	*250.51*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,506.32	60.59
		For Tempered Low-E Insulated Glass, Add	*277.03*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,669.24	64.32
		For Tempered Low-E Insulated Glass, Add	*308.12*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,784.86	67.12
		For Tempered Low-E Insulated Glass, Add	*330.12*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,959.85	71.32
		For Tempered Low-E Insulated Glass, Add	*363.44*	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,322.31	55.47
		For Tempered Low-E Insulated Glass, Add	*242.28*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,456.87	58.73
		For Tempered Low-E Insulated Glass, Add	*267.88*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,583.35	62.46
		For Tempered Low-E Insulated Glass, Add	*291.69*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,759.84	66.19
		For Tempered Low-E Insulated Glass, Add	*325.49*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,881.19	68.99
		For Tempered Low-E Insulated Glass, Add	*348.64*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,052.74	73.18
		For Tempered Low-E Insulated Glass, Add	*381.28*	
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,459.15	58.73
		For Tempered Low-E Insulated Glass, Add	*268.34*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,593.70	62.46
		For Tempered Low-E Insulated Glass, Add	*293.94*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,733.76	66.19
		For Tempered Low-E Insulated Glass, Add	*320.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,896.69	69.45
		For Tempered Low-E Insulated Glass, Add	*351.56*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,018.02	72.25
		For Tempered Low-E Insulated Glass, Add	*374.71*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,187.28	76.44
		For Tempered Low-E Insulated Glass, Add	*406.88*	
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,552.98	61.06
		For Tempered Low-E Insulated Glass, Add	*286.17*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,687.53	64.32
		For Tempered Low-E Insulated Glass, Add	*311.78*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,829.86	68.05
		For Tempered Low-E Insulated Glass, Add	*338.75*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,992.78	71.78
		For Tempered Low-E Insulated Glass, Add	*369.84*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,689.82	64.32
		For Tempered Low-E Insulated Glass, Add	*312.23*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,824.36	68.05
		For Tempered Low-E Insulated Glass, Add	*337.84*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,964.42	71.78
		For Tempered Low-E Insulated Glass, Add	*364.36*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,127.34	75.04
		For Tempered Low-E Insulated Glass, Add	*395.45*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,499.82	60.13
		For Tempered Low-E Insulated Glass, Add	*275.91*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,746.55	66.19
		For Tempered Low-E Insulated Glass, Add	*322.84*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,590.72	61.99
		For Tempered Low-E Insulated Glass, Add	*293.35*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,823.87	68.05
		For Tempered Low-E Insulated Glass, Add	*337.55*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,529.65	60.59
		For Tempered Low-E Insulated Glass, Add	*281.69*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,730.54	65.26
		For Tempered Low-E Insulated Glass, Add	*320.01*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,978.14	71.78
		For Tempered Low-E Insulated Glass, Add	*367.10*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,618.81	63.39
		For Tempered Low-E Insulated Glass, Add	*298.59*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,826.65	67.59
		For Tempered Low-E Insulated Glass, Add	*338.30*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,071.96	73.65
		For Tempered Low-E Insulated Glass, Add	*384.93*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*			
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		1,964.42	71.32
		For Tempered Low-E Insulated Glass, Add		*364.36*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		2,209.73	77.38
		For Tempered Low-E Insulated Glass, Add		*411.00*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*			
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		2,057.31	73.18
		For Tempered Low-E Insulated Glass, Add		*382.19*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		2,302.62	79.24
		For Tempered Low-E Insulated Glass, Add		*428.83*	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*			
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		2,191.86	76.44
		For Tempered Low-E Insulated Glass, Add		*407.80*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)		2,439.45	82.96
		For Tempered Low-E Insulated Glass, Add		*454.89*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*			
		Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.			
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*			
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.			
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*			
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		458.48	38.23
		For Tempered Clear Insulated Glass, Add		*76.41*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		491.47	40.08
		For Tempered Clear Insulated Glass, Add		*82.26*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		518.57	41.48
		For Tempered Clear Insulated Glass, Add		*87.12*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		552.87	43.35
		For Tempered Clear Insulated Glass, Add		*93.23*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		592.27	45.68
		For Tempered Clear Insulated Glass, Add		*100.18*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		652.78	49.41
		For Tempered Clear Insulated Glass, Add		*110.79*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		691.26	51.27
		For Tempered Clear Insulated Glass, Add		*117.74*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		747.16	55.00
		For Tempered Clear Insulated Glass, Add		*127.62*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		767.47	56.87
		For Tempered Clear Insulated Glass, Add		*130.75*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)		822.75	60.13
		For Tempered Clear Insulated Glass, Add		*140.50*	
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		484.13	40.08
		For Tempered Clear Insulated Glass, Add		*80.98*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		519.87	41.95
		For Tempered Clear Insulated Glass, Add		*87.38*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		543.10	42.88
		For Tempered Clear Insulated Glass, Add		*91.47*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		581.27	44.75
		For Tempered Clear Insulated Glass, Add		*98.35*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		620.68	47.54
		For Tempered Clear Insulated Glass, Add		*105.30*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		679.34	50.81
		For Tempered Clear Insulated Glass, Add		*115.55*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		717.82	53.14
		For Tempered Clear Insulated Glass, Add		*122.50*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		775.55	55.93
		For Tempered Clear Insulated Glass, Add		*132.74*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)		793.74	58.73
		For Tempered Clear Insulated Glass, Add		*135.44*	

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08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	850.83	61.53
		For Tempered Clear Insulated Glass, Add	*145.56*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,327.43	68.05
		For Tempered Clear Insulated Glass, Add	*238.45*	

08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	516.21	41.95
		For Tempered Clear Insulated Glass, Add	*86.65*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	549.21	43.81
		For Tempered Clear Insulated Glass, Add	*92.50*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	571.64	44.75
		For Tempered Clear Insulated Glass, Add	*96.43*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	610.60	46.61
		For Tempered Clear Insulated Glass, Add	*103.48*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	650.02	49.41
		For Tempered Clear Insulated Glass, Add	*110.43*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	710.51	52.67
		For Tempered Clear Insulated Glass, Add	*121.03*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	748.99	55.00
		For Tempered Clear Insulated Glass, Add	*127.98*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	806.72	57.80
		For Tempered Clear Insulated Glass, Add	*138.23*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	822.75	60.59
		For Tempered Clear Insulated Glass, Add	*140.50*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	877.97	63.39
		For Tempered Clear Insulated Glass, Add	*150.24*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,397.86	69.92
		For Tempered Clear Insulated Glass, Add	*251.79*	

08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	514.46	43.81
		For Tempered Clear Insulated Glass, Add	*85.55*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	565.74	45.68
		For Tempered Clear Insulated Glass, Add	*95.06*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	598.63	46.61
		For Tempered Clear Insulated Glass, Add	*101.08*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	660.05	48.48
		For Tempered Clear Insulated Glass, Add	*112.62*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	721.41	51.27
		For Tempered Clear Insulated Glass, Add	*123.96*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	811.17	54.54
		For Tempered Clear Insulated Glass, Add	*140.42*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	869.77	56.87
		For Tempered Clear Insulated Glass, Add	*151.39*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	958.59	59.66
		For Tempered Clear Insulated Glass, Add	*167.85*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	990.80	62.46
		For Tempered Clear Insulated Glass, Add	*173.36*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,076.79	65.26
		For Tempered Clear Insulated Glass, Add	*189.26*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,435.85	71.78
		For Tempered Clear Insulated Glass, Add	*258.64*	

08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	598.63	46.61
		For Tempered Clear Insulated Glass, Add	*101.08*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	634.00	48.01
		For Tempered Clear Insulated Glass, Add	*107.60*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	682.71	49.87
		For Tempered Clear Insulated Glass, Add	*116.59*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	737.01	52.20
		For Tempered Clear Insulated Glass, Add	*126.52*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	815.81	55.93
		For Tempered Clear Insulated Glass, Add	*140.79*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	870.73	57.80
		For Tempered Clear Insulated Glass, Add	*151.03*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	948.61	61.53
		For Tempered Clear Insulated Glass, Add	*165.30*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,002.92	63.39
		For Tempered Clear Insulated Glass, Add	*175.23*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,082.34	66.65
		For Tempered Clear Insulated Glass, Add	*189.81*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,532.96	72.71
		For Tempered Clear Insulated Glass, Add	*277.51*	

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08 52 16 00-0520		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		682.71	49.87
		For Tempered Clear Insulated Glass, Add		*116.59*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		752.53	51.74
		For Tempered Clear Insulated Glass, Add		*129.81*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		813.90	54.07
		For Tempered Clear Insulated Glass, Add		*141.15*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		903.65	57.80
		For Tempered Clear Insulated Glass, Add		*157.61*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		964.08	59.66
		For Tempered Clear Insulated Glass, Add		*168.95*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,051.08	63.39
		For Tempered Clear Insulated Glass, Add		*185.05*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		912.46	65.26
		For Tempered Clear Insulated Glass, Add		*156.39*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		980.39	68.52
		For Tempered Clear Insulated Glass, Add		*168.67*	
08 52 16 00-0529		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)		802.93	54.07
		For Tempered Clear Insulated Glass, Add		*138.96*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)		906.35	56.87
		For Tempered Clear Insulated Glass, Add		*158.71*	
08 52 16 00-0532		48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)		958.52	57.80
		For Tempered Clear Insulated Glass, Add		*168.59*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,063.77	60.59
		For Tempered Clear Insulated Glass, Add		*188.70*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,217.55	63.86
		For Tempered Clear Insulated Glass, Add		*217.97*	
08 52 16 00-0536		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,191.52	62.93
		For Tempered Clear Insulated Glass, Add		*213.13*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,283.52	65.26
		For Tempered Clear Insulated Glass, Add		*230.60*	
08 52 16 00-0539		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*			
08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,306.01	63.39
		For Tempered Clear Insulated Glass, Add		*235.84*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,349.60	68.52
		For Tempered Clear Insulated Glass, Add		*242.51*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,496.36	70.84
		For Tempered Clear Insulated Glass, Add		*270.93*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)		1,645.57	74.58
		For Tempered Clear Insulated Glass, Add		*299.28*	
08 52 16 00-0544		Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*			
08 52 16 00-0545		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*			
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		401.78	38.23
		For Tempered Clear Insulated Glass, Add		*65.07*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		432.95	40.08
		For Tempered Clear Insulated Glass, Add		*70.56*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		453.42	41.48
		For Tempered Clear Insulated Glass, Add		*74.09*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		487.03	43.35
		For Tempered Clear Insulated Glass, Add		*80.07*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		522.77	45.68
		For Tempered Clear Insulated Glass, Add		*86.28*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		577.79	49.41
		For Tempered Clear Insulated Glass, Add		*95.79*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		610.78	51.27
		For Tempered Clear Insulated Glass, Add		*101.65*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		663.03	55.00
		For Tempered Clear Insulated Glass, Add		*110.79*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		698.78	56.87
		For Tempered Clear Insulated Glass, Add		*117.01*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)		751.02	60.13
		For Tempered Clear Insulated Glass, Add		*126.15*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0556		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	426.53	40.08
		For Tempered Clear Insulated Glass, Add	*69.46*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	457.68	41.95
		For Tempered Clear Insulated Glass, Add	*74.94*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	476.40	42.88
		For Tempered Clear Insulated Glass, Add	*78.13*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	513.60	44.75
		For Tempered Clear Insulated Glass, Add	*84.82*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	549.36	47.54
		For Tempered Clear Insulated Glass, Add	*91.04*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	602.53	50.81
		For Tempered Clear Insulated Glass, Add	*100.18*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	637.35	53.14
		For Tempered Clear Insulated Glass, Add	*106.40*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	687.77	55.93
		For Tempered Clear Insulated Glass, Add	*115.18*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	725.36	58.73
		For Tempered Clear Insulated Glass, Add	*121.77*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	775.77	61.53
		For Tempered Clear Insulated Glass, Add	*130.54*	
08 52 16 00-0567		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	454.02	41.95
		For Tempered Clear Insulated Glass, Add	*74.21*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	485.20	43.81
		For Tempered Clear Insulated Glass, Add	*79.70*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	501.84	44.75
		For Tempered Clear Insulated Glass, Add	*82.47*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	539.27	46.61
		For Tempered Clear Insulated Glass, Add	*89.21*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	575.03	49.41
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.21	52.67
		For Tempered Clear Insulated Glass, Add	*104.57*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	663.03	55.00
		For Tempered Clear Insulated Glass, Add	*110.79*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	715.27	57.80
		For Tempered Clear Insulated Glass, Add	*119.94*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	751.02	60.59
		For Tempered Clear Insulated Glass, Add	*126.15*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	803.29	63.39
		For Tempered Clear Insulated Glass, Add	*135.30*	
08 52 16 00-0578		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	455.94	43.81
		For Tempered Clear Insulated Glass, Add	*73.85*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	498.07	45.68
		For Tempered Clear Insulated Glass, Add	*81.53*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	521.07	46.61
		For Tempered Clear Insulated Glass, Add	*85.57*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	543.00	48.48
		For Tempered Clear Insulated Glass, Add	*89.21*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	622.65	51.27
		For Tempered Clear Insulated Glass, Add	*104.21*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	694.12	54.54
		For Tempered Clear Insulated Glass, Add	*117.01*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	741.74	56.87
		For Tempered Clear Insulated Glass, Add	*125.79*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	812.28	59.66
		For Tempered Clear Insulated Glass, Add	*138.59*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	862.66	62.46
		For Tempered Clear Insulated Glass, Add	*147.74*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	933.20	65.26
		For Tempered Clear Insulated Glass, Add	*160.54*	
08 52 16 00-0589		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	521.07	46.61
		For Tempered Clear Insulated Glass, Add	*85.57*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	550.24	48.01
		For Tempered Clear Insulated Glass, Add	*90.84*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	589.64	49.87
		For Tempered Clear Insulated Glass, Add	*97.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	634.64	52.20
		For Tempered Clear Insulated Glass, Add	*106.05*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	699.48	55.93
		For Tempered Clear Insulated Glass, Add	*117.52*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	743.54	57.80
		For Tempered Clear Insulated Glass, Add	*125.59*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	807.46	61.53
		For Tempered Clear Insulated Glass, Add	*137.07*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	850.91	63.39
		For Tempered Clear Insulated Glass, Add	*144.82*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	914.82	66.65
		For Tempered Clear Insulated Glass, Add	*156.30*	
08 52 16 00-0599		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	589.64	49.87
		For Tempered Clear Insulated Glass, Add	*97.98*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	648.28	51.74
		For Tempered Clear Insulated Glass, Add	*108.96*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	696.85	54.07
		For Tempered Clear Insulated Glass, Add	*117.74*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	770.14	57.80
		For Tempered Clear Insulated Glass, Add	*130.91*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	817.76	59.66
		For Tempered Clear Insulated Glass, Add	*139.69*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	888.31	63.39
		For Tempered Clear Insulated Glass, Add	*152.49*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	936.86	65.26
		For Tempered Clear Insulated Glass, Add	*161.27*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	1,007.40	68.52
		For Tempered Clear Insulated Glass, Add	*174.07*	
08 52 16 00-0608		Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609		Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0610		17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	549.01	38.23
		For Tempered Low-E Insulated Glass, Add	*94.51*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	589.32	40.08
		For Tempered Low-E Insulated Glass, Add	*101.83*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	622.50	41.48
		For Tempered Low-E Insulated Glass, Add	*107.91*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	664.43	43.35
		For Tempered Low-E Insulated Glass, Add	*115.55*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	712.52	45.68
		For Tempered Low-E Insulated Glass, Add	*124.23*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	786.29	49.41
		For Tempered Low-E Insulated Glass, Add	*137.49*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	833.46	51.27
		For Tempered Low-E Insulated Glass, Add	*146.18*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	901.70	55.00
		For Tempered Low-E Insulated Glass, Add	*158.53*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	925.93	56.87
		For Tempered Low-E Insulated Glass, Add	*162.44*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	993.39	60.13
		For Tempered Low-E Insulated Glass, Add	*174.63*	
08 52 16 00-0621		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	580.37	40.08
		For Tempered Low-E Insulated Glass, Add	*100.23*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	624.12	41.95
		For Tempered Low-E Insulated Glass, Add	*108.23*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	652.45	42.88
		For Tempered Low-E Insulated Glass, Add	*113.34*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	699.24	44.75
		For Tempered Low-E Insulated Glass, Add	*121.95*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	747.34	47.54
		For Tempered Low-E Insulated Glass, Add	*130.64*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	818.80	50.81
		For Tempered Low-E Insulated Glass, Add	*143.44*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	865.97	53.14
		For Tempered Low-E Insulated Glass, Add	*152.13*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	936.50	55.93
		For Tempered Low-E Insulated Glass, Add	*164.93*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	958.07	58.73
		For Tempered Low-E Insulated Glass, Add	*168.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,027.79	61.53
		For Tempered Low-E Insulated Glass, Add	*180.95*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,620.51	68.05
		For Tempered Low-E Insulated Glass, Add	*297.07*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	619.54	41.95
		For Tempered Low-E Insulated Glass, Add	*107.32*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	659.86	43.81
		For Tempered Low-E Insulated Glass, Add	*114.63*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	687.20	44.75
		For Tempered Low-E Insulated Glass, Add	*119.54*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	734.97	46.61
		For Tempered Low-E Insulated Glass, Add	*128.35*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	783.07	49.41
		For Tempered Low-E Insulated Glass, Add	*137.04*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	856.82	52.67
		For Tempered Low-E Insulated Glass, Add	*150.30*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	903.99	55.00
		For Tempered Low-E Insulated Glass, Add	*158.98*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	974.52	57.80
		For Tempered Low-E Insulated Glass, Add	*171.79*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	993.39	60.59
		For Tempered Low-E Insulated Glass, Add	*174.63*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,060.79	63.39
		For Tempered Low-E Insulated Glass, Add	*186.80*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,707.62	69.92
		For Tempered Low-E Insulated Glass, Add	*313.74*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	616.42	43.81
		For Tempered Low-E Insulated Glass, Add	*105.94*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	679.59	45.68
		For Tempered Low-E Insulated Glass, Add	*117.83*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	720.01	46.61
		For Tempered Low-E Insulated Glass, Add	*125.36*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	795.85	48.48
		For Tempered Low-E Insulated Glass, Add	*139.78*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	871.38	51.27
		For Tempered Low-E Insulated Glass, Add	*153.95*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	981.72	54.54
		For Tempered Low-E Insulated Glass, Add	*174.53*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,054.03	56.87
		For Tempered Low-E Insulated Glass, Add	*188.25*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,163.43	59.66
		For Tempered Low-E Insulated Glass, Add	*208.82*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,202.53	62.46
		For Tempered Low-E Insulated Glass, Add	*215.71*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,507.48	65.26
		For Tempered Low-E Insulated Glass, Add	*275.39*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,754.17	71.78
		For Tempered Low-E Insulated Glass, Add	*322.31*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	720.01	46.61
		For Tempered Low-E Insulated Glass, Add	*125.36*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	763.52	48.01
		For Tempered Low-E Insulated Glass, Add	*133.50*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	823.47	49.87
		For Tempered Low-E Insulated Glass, Add	*144.75*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	890.19	52.20
		For Tempered Low-E Insulated Glass, Add	*157.16*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	986.82	55.93
		For Tempered Low-E Insulated Glass, Add	*174.99*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,054.54	57.80
		For Tempered Low-E Insulated Glass, Add	*187.79*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,150.26	61.53
		For Tempered Low-E Insulated Glass, Add	*205.63*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,216.97	63.39
		For Tempered Low-E Insulated Glass, Add	*218.04*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,314.62	66.65
		For Tempered Low-E Insulated Glass, Add	*236.26*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,874.87	72.71
		For Tempered Low-E Insulated Glass, Add	*345.89*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0668		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*			
08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		823.47	49.87
		For Tempered Low-E Insulated Glass, Add		*144.75*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		909.82	51.74
		For Tempered Low-E Insulated Glass, Add		*161.27*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		985.36	54.07
		For Tempered Low-E Insulated Glass, Add		*175.44*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,095.69	57.80
		For Tempered Low-E Insulated Glass, Add		*196.02*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,170.29	59.66
		For Tempered Low-E Insulated Glass, Add		*210.19*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,277.41	63.39
		For Tempered Low-E Insulated Glass, Add		*230.31*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,102.97	65.26
		For Tempered Low-E Insulated Glass, Add		*194.49*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,186.25	68.52
		For Tempered Low-E Insulated Glass, Add		*209.84*	
08 52 16 00-0677		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*			
08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)		966.97	54.07
		For Tempered Low-E Insulated Glass, Add		*172.70*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,102.55	57.80
		For Tempered Low-E Insulated Glass, Add		*197.39*	
08 52 16 00-0680		48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*			
08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,164.27	57.80
		For Tempered Low-E Insulated Glass, Add		*209.74*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,294.67	60.59
		For Tempered Low-E Insulated Glass, Add		*234.88*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,485.03	63.86
		For Tempered Low-E Insulated Glass, Add		*271.46*	
08 52 16 00-0684		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*			
08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,452.95	62.93
		For Tempered Low-E Insulated Glass, Add		*265.42*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,566.80	65.26
		For Tempered Low-E Insulated Glass, Add		*287.26*	
08 52 16 00-0687		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*			
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,595.84	63.39
		For Tempered Low-E Insulated Glass, Add		*293.81*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,647.76	68.52
		For Tempered Low-E Insulated Glass, Add		*302.14*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)		1,830.05	70.84
		For Tempered Low-E Insulated Glass, Add		*337.67*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)		2,014.70	74.58
		For Tempered Low-E Insulated Glass, Add		*373.11*	
08 52 16 00-0692		Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*			
08 52 16 00-0693		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*			
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		478.14	38.23
		For Tempered Low-E Insulated Glass, Add		*80.34*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		516.16	40.08
		For Tempered Low-E Insulated Glass, Add		*87.20*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		541.06	41.48
		For Tempered Low-E Insulated Glass, Add		*91.62*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		582.13	43.35
		For Tempered Low-E Insulated Glass, Add		*99.09*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		625.65	45.68
		For Tempered Low-E Insulated Glass, Add		*106.86*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		692.56	49.41
		For Tempered Low-E Insulated Glass, Add		*118.75*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		732.87	51.27
		For Tempered Low-E Insulated Glass, Add		*126.06*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		796.54	55.00
		For Tempered Low-E Insulated Glass, Add		*137.49*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		840.06	56.87
		For Tempered Low-E Insulated Glass, Add		*145.27*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)		903.74	60.13
		For Tempered Low-E Insulated Glass, Add		*156.70*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0704		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.37	40.08
		For Tempered Low-E Insulated Glass, Add	*85.83*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	546.39	41.95
		For Tempered Low-E Insulated Glass, Add	*92.69*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	569.08	42.88
		For Tempered Low-E Insulated Glass, Add	*96.66*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	614.65	44.75
		For Tempered Low-E Insulated Glass, Add	*105.03*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	658.18	47.54
		For Tempered Low-E Insulated Glass, Add	*112.80*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	722.78	50.81
		For Tempered Low-E Insulated Glass, Add	*124.23*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	765.38	53.14
		For Tempered Low-E Insulated Glass, Add	*132.01*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	826.76	55.93
		For Tempered Low-E Insulated Glass, Add	*142.98*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	872.59	58.73
		For Tempered Low-E Insulated Glass, Add	*151.21*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	933.97	61.53
		For Tempered Low-E Insulated Glass, Add	*162.18*	
08 52 16 00-0715		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	541.81	41.95
		For Tempered Low-E Insulated Glass, Add	*91.77*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	579.85	43.81
		For Tempered Low-E Insulated Glass, Add	*98.63*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	599.95	44.75
		For Tempered Low-E Insulated Glass, Add	*102.09*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	645.81	46.61
		For Tempered Low-E Insulated Glass, Add	*110.52*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	689.34	49.41
		For Tempered Low-E Insulated Glass, Add	*118.29*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	753.95	52.67
		For Tempered Low-E Insulated Glass, Add	*129.72*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	796.54	55.00
		For Tempered Low-E Insulated Glass, Add	*137.49*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	860.21	57.80
		For Tempered Low-E Insulated Glass, Add	*148.92*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	903.74	60.59
		For Tempered Low-E Insulated Glass, Add	*156.70*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	967.43	63.39
		For Tempered Low-E Insulated Glass, Add	*168.13*	
08 52 16 00-0726		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	543.27	43.81
		For Tempered Low-E Insulated Glass, Add	*91.31*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	595.01	45.68
		For Tempered Low-E Insulated Glass, Add	*100.92*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	623.06	46.61
		For Tempered Low-E Insulated Glass, Add	*105.97*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	649.54	48.48
		For Tempered Low-E Insulated Glass, Add	*110.52*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	747.93	51.27
		For Tempered Low-E Insulated Glass, Add	*129.26*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	835.40	54.54
		For Tempered Low-E Insulated Glass, Add	*145.27*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	894.00	56.87
		For Tempered Low-E Insulated Glass, Add	*156.24*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	980.54	59.66
		For Tempered Low-E Insulated Glass, Add	*172.24*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,042.35	62.46
		For Tempered Low-E Insulated Glass, Add	*183.67*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,128.90	65.26
		For Tempered Low-E Insulated Glass, Add	*199.68*	
08 52 16 00-0737		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	623.06	46.61
		For Tempered Low-E Insulated Glass, Add	*105.97*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	658.82	48.01
		For Tempered Low-E Insulated Glass, Add	*112.56*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	707.14	49.87
		For Tempered Low-E Insulated Glass, Add	*121.48*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	762.22	52.20
		For Tempered Low-E Insulated Glass, Add	*131.56*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	841.41	55.93
		For Tempered Low-E Insulated Glass, Add	*145.91*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	895.55	57.80
		For Tempered Low-E Insulated Glass, Add	*155.99*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	973.82	61.53
		For Tempered Low-E Insulated Glass, Add	*170.34*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,026.96	63.39
		For Tempered Low-E Insulated Glass, Add	*180.03*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,105.22	66.65
		For Tempered Low-E Insulated Glass, Add	*194.38*	

08 52 16 00-0747 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	707.14	49.87
		For Tempered Low-E Insulated Glass, Add	*121.48*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	779.51	51.74
		For Tempered Low-E Insulated Glass, Add	*135.21*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	839.05	54.07
		For Tempered Low-E Insulated Glass, Add	*146.18*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	928.80	57.80
		For Tempered Low-E Insulated Glass, Add	*162.64*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	987.40	59.66
		For Tempered Low-E Insulated Glass, Add	*173.62*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,073.94	63.39
		For Tempered Low-E Insulated Glass, Add	*189.62*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,133.47	65.26
		For Tempered Low-E Insulated Glass, Add	*200.59*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,220.02	68.52
		For Tempered Low-E Insulated Glass, Add	*216.60*	

08 52 16 00-0756 Horizontal Sliding Wood Clad Windows *(08 52 16)*

Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes

08 52 16 00-0757 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0758 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	567.39	49.41
		For Tempered Clear Insulated Glass, Add	*93.90*	

08 52 16 00-0760 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	521.16	45.68
		For Tempered Clear Insulated Glass, Add	*85.77*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	611.35	52.20
		For Tempered Clear Insulated Glass, Add	*101.58*	

08 52 16 00-0763 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	611.35	52.20
		For Tempered Clear Insulated Glass, Add	*101.58*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	701.55	57.80
		For Tempered Clear Insulated Glass, Add	*117.38*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	791.73	62.93
		For Tempered Clear Insulated Glass, Add	*133.18*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	881.92	68.52
		For Tempered Clear Insulated Glass, Add	*148.98*	

08 52 16 00-0768 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	657.58	55.00
		For Tempered Clear Insulated Glass, Add	*109.70*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	745.50	60.59
		For Tempered Clear Insulated Glass, Add	*125.05*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	835.69	65.72
		For Tempered Clear Insulated Glass, Add	*140.85*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,004.89	71.32
		For Tempered Clear Insulated Glass, Add	*172.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0773		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	701.55	57.80
		For Tempered Clear Insulated Glass, Add	*117.38*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	791.73	63.39
		For Tempered Clear Insulated Glass, Add	*133.18*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	881.92	68.52
		For Tempered Clear Insulated Glass, Add	*148.98*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	972.11	74.11
		For Tempered Clear Insulated Glass, Add	*164.78*	
08 52 16 00-0778		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	835.69	66.19
		For Tempered Clear Insulated Glass, Add	*140.85*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	925.89	71.32
		For Tempered Clear Insulated Glass, Add	*156.65*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,016.08	76.90
		For Tempered Clear Insulated Glass, Add	*172.45*	
08 52 16 00-0782		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	881.92	68.99
		For Tempered Clear Insulated Glass, Add	*148.98*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	972.11	74.11
		For Tempered Clear Insulated Glass, Add	*164.78*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,062.47	79.71
		For Tempered Clear Insulated Glass, Add	*180.61*	
08 52 16 00-0786		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,313.22	45.68
		For Tempered Low-E Insulated Glass, Add	*244.19*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,565.92	52.20
		For Tempered Low-E Insulated Glass, Add	*292.49*	
08 52 16 00-0790		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,586.24	52.20
		For Tempered Low-E Insulated Glass, Add	*296.55*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,841.22	57.80
		For Tempered Low-E Insulated Glass, Add	*345.31*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,093.92	62.93
		For Tempered Low-E Insulated Glass, Add	*393.61*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,346.63	68.52
		For Tempered Low-E Insulated Glass, Add	*441.92*	
08 52 16 00-0795		41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,713.73	55.00
		For Tempered Low-E Insulated Glass, Add	*320.93*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,966.43	60.59
		For Tempered Low-E Insulated Glass, Add	*369.24*	
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,221.40	65.72
		For Tempered Low-E Insulated Glass, Add	*417.99*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,474.11	71.32
		For Tempered Low-E Insulated Glass, Add	*466.30*	
08 52 16 00-0800		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,841.22	57.80
		For Tempered Low-E Insulated Glass, Add	*345.31*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,093.92	63.39
		For Tempered Low-E Insulated Glass, Add	*393.61*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,346.63	68.52
		For Tempered Low-E Insulated Glass, Add	*441.92*	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,601.59	74.11
		For Tempered Low-E Insulated Glass, Add	*490.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,093.92	63.39
		For Tempered Low-E Insulated Glass, Add	*393.61*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,346.63	68.99
		For Tempered Low-E Insulated Glass, Add	*441.92*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,601.59	74.11
		For Tempered Low-E Insulated Glass, Add	*490.67*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,854.31	79.71
		For Tempered Low-E Insulated Glass, Add	*538.98*	
08 52 16 00-0810		Picture Wood Clad Windows *(08 52 16)* Note: Picture windows are fixed windows.		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*		
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	447.05	37.29
		For Tempered Clear Insulated Glass, Add	*74.49*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	525.06	41.02
		For Tempered Clear Insulated Glass, Add	*88.60*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	558.33	42.88
		For Tempered Clear Insulated Glass, Add	*94.51*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	605.87	46.61
		For Tempered Clear Insulated Glass, Add	*102.72*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	638.42	48.48
		For Tempered Clear Insulated Glass, Add	*108.29*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	685.96	52.20
		For Tempered Clear Insulated Glass, Add	*116.50*	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	493.19	45.68
		For Tempered Clear Insulated Glass, Add	*80.37*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	573.78	48.48
		For Tempered Clear Insulated Glass, Add	*95.55*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	692.34	51.74
		For Tempered Clear Insulated Glass, Add	*117.77*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	770.14	53.60
		For Tempered Clear Insulated Glass, Add	*132.59*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	885.93	56.87
		For Tempered Clear Insulated Glass, Add	*154.44*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	966.52	59.20
		For Tempered Clear Insulated Glass, Add	*169.62*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,452.66	62.46
		For Tempered Clear Insulated Glass, Add	*265.55*	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	573.78	48.48
		For Tempered Clear Insulated Glass, Add	*95.55*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	654.37	50.34
		For Tempered Clear Insulated Glass, Add	*110.74*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	772.93	54.07
		For Tempered Clear Insulated Glass, Add	*132.96*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	850.73	55.93
		For Tempered Clear Insulated Glass, Add	*147.77*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	966.52	59.66
		For Tempered Clear Insulated Glass, Add	*169.62*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,047.10	61.53
		For Tempered Clear Insulated Glass, Add	*184.81*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,162.88	65.26
		For Tempered Clear Insulated Glass, Add	*206.66*	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	692.34	52.20
		For Tempered Clear Insulated Glass, Add	*117.77*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	772.93	54.07
		For Tempered Clear Insulated Glass, Add	*132.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	891.49	57.80
		For Tempered Clear Insulated Glass, Add	*155.18*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	969.29	59.66
		For Tempered Clear Insulated Glass, Add	*169.99*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,085.08	63.39
		For Tempered Clear Insulated Glass, Add	*191.85*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,165.66	65.26
		For Tempered Clear Insulated Glass, Add	*207.03*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,281.45	68.99
		For Tempered Clear Insulated Glass, Add	*228.88*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	770.14	54.07
		For Tempered Clear Insulated Glass, Add	*132.59*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	850.73	55.93
		For Tempered Clear Insulated Glass, Add	*147.77*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	969.29	59.66
		For Tempered Clear Insulated Glass, Add	*169.99*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,047.10	61.53
		For Tempered Clear Insulated Glass, Add	*184.81*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,162.88	65.26
		For Tempered Clear Insulated Glass, Add	*206.66*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,243.46	67.12
		For Tempered Clear Insulated Glass, Add	*221.84*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,468.50	70.84
		For Tempered Clear Insulated Glass, Add	*265.55*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	885.93	56.87
		For Tempered Clear Insulated Glass, Add	*154.44*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	966.52	59.66
		For Tempered Clear Insulated Glass, Add	*169.62*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,085.08	62.93
		For Tempered Clear Insulated Glass, Add	*191.85*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,162.88	64.79
		For Tempered Clear Insulated Glass, Add	*206.66*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,278.66	68.05
		For Tempered Clear Insulated Glass, Add	*228.51*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,359.24	70.38
		For Tempered Clear Insulated Glass, Add	*243.70*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,475.03	73.65
		For Tempered Clear Insulated Glass, Add	*265.55*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	966.52	59.66
		For Tempered Clear Insulated Glass, Add	*169.62*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,047.10	61.53
		For Tempered Clear Insulated Glass, Add	*184.81*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,165.66	65.26
		For Tempered Clear Insulated Glass, Add	*207.03*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,243.46	67.12
		For Tempered Clear Insulated Glass, Add	*221.84*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,468.50	70.84
		For Tempered Clear Insulated Glass, Add	*265.55*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,082.30	62.46
		For Tempered Clear Insulated Glass, Add	*191.48*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,162.88	65.26
		For Tempered Clear Insulated Glass, Add	*206.66*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,281.45	68.52
		For Tempered Clear Insulated Glass, Add	*228.88*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,359.24	70.38
		For Tempered Clear Insulated Glass, Add	*243.70*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,475.03	73.65
		For Tempered Clear Insulated Glass, Add	*265.55*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0873		**12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	534.42	37.29
		For Tempered Low-E Insulated Glass, Add	*91.97*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	628.98	41.02
		For Tempered Low-E Insulated Glass, Add	*109.39*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	669.18	42.88
		For Tempered Low-E Insulated Glass, Add	*116.68*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	726.34	46.61
		For Tempered Low-E Insulated Glass, Add	*126.81*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	765.44	48.48
		For Tempered Low-E Insulated Glass, Add	*133.70*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	822.60	52.20
		For Tempered Low-E Insulated Glass, Add	*143.83*	
08 52 16 00-0880		**35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	587.45	45.68
		For Tempered Low-E Insulated Glass, Add	*99.22*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	685.85	48.48
		For Tempered Low-E Insulated Glass, Add	*117.97*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	830.47	51.74
		For Tempered Low-E Insulated Glass, Add	*145.40*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	925.65	53.60
		For Tempered Low-E Insulated Glass, Add	*163.69*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,067.06	56.87
		For Tempered Low-E Insulated Glass, Add	*190.67*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,165.46	59.20
		For Tempered Low-E Insulated Glass, Add	*209.41*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,764.10	62.46
		For Tempered Low-E Insulated Glass, Add	*327.84*	
08 52 16 00-0888		**40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	685.85	48.48
		For Tempered Low-E Insulated Glass, Add	*117.97*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	784.24	50.34
		For Tempered Low-E Insulated Glass, Add	*136.71*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	928.87	54.07
		For Tempered Low-E Insulated Glass, Add	*164.15*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,024.04	55.93
		For Tempered Low-E Insulated Glass, Add	*182.44*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,165.46	59.66
		For Tempered Low-E Insulated Glass, Add	*209.41*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,263.85	61.53
		For Tempered Low-E Insulated Glass, Add	*228.16*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,405.26	65.26
		For Tempered Low-E Insulated Glass, Add	*255.14*	
08 52 16 00-0896		**48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	830.47	52.20
		For Tempered Low-E Insulated Glass, Add	*145.40*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	928.87	54.07
		For Tempered Low-E Insulated Glass, Add	*164.15*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,073.49	57.80
		For Tempered Low-E Insulated Glass, Add	*191.58*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,168.67	59.66
		For Tempered Low-E Insulated Glass, Add	*209.87*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,310.08	63.39
		For Tempered Low-E Insulated Glass, Add	*236.85*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,408.48	65.26
		For Tempered Low-E Insulated Glass, Add	*255.59*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,549.89	68.99
		For Tempered Low-E Insulated Glass, Add	*282.57*	
08 52 16 00-0904		**52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	925.65	54.07
		For Tempered Low-E Insulated Glass, Add	*163.69*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,024.04	55.93
		For Tempered Low-E Insulated Glass, Add	*182.44*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,168.67	59.66
		For Tempered Low-E Insulated Glass, Add	*209.87*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,263.85	61.53
		For Tempered Low-E Insulated Glass, Add	*228.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,405.26	65.26
		For Tempered Low-E Insulated Glass, Add	*255.14*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,503.65	67.12
		For Tempered Low-E Insulated Glass, Add	*273.88*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,779.94	70.84
		For Tempered Low-E Insulated Glass, Add	*327.84*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,067.06	56.87
		For Tempered Low-E Insulated Glass, Add	*190.67*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,165.46	59.66
		For Tempered Low-E Insulated Glass, Add	*209.41*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,310.08	62.93
		For Tempered Low-E Insulated Glass, Add	*236.85*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,405.26	64.79
		For Tempered Low-E Insulated Glass, Add	*255.14*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,546.66	68.05
		For Tempered Low-E Insulated Glass, Add	*282.11*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,645.06	70.38
		For Tempered Low-E Insulated Glass, Add	*300.86*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,786.47	73.65
		For Tempered Low-E Insulated Glass, Add	*327.84*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,165.46	59.66
		For Tempered Low-E Insulated Glass, Add	*209.41*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,263.85	61.53
		For Tempered Low-E Insulated Glass, Add	*228.16*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,408.48	65.26
		For Tempered Low-E Insulated Glass, Add	*255.59*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,503.65	67.12
		For Tempered Low-E Insulated Glass, Add	*273.88*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,779.94	70.84
		For Tempered Low-E Insulated Glass, Add	*327.84*	

08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,306.87	62.46
		For Tempered Low-E Insulated Glass, Add	*236.39*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,405.26	65.26
		For Tempered Low-E Insulated Glass, Add	*255.14*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,549.89	68.52
		For Tempered Low-E Insulated Glass, Add	*282.57*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,645.06	70.38
		For Tempered Low-E Insulated Glass, Add	*300.86*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,786.47	73.65
		For Tempered Low-E Insulated Glass, Add	*327.84*	

08 52 16 00-0932 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*

08 52 16 00-0933 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0934 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	633.09	58.26
		For Tempered Clear Insulated Glass, Add	*103.31*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	

08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	

08 52 16 00-0940 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	739.00	66.65
		For Tempered Clear Insulated Glass, Add	*121.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	755.97	68.05
		For Tempered Clear Insulated Glass, Add	*123.97*	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	633.09	58.73
		For Tempered Clear Insulated Glass, Add	*103.31*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	739.00	66.65
		For Tempered Clear Insulated Glass, Add	*121.14*	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	755.97	68.05
		For Tempered Clear Insulated Glass, Add	*123.97*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	825.90	73.65
		For Tempered Clear Insulated Glass, Add	*135.72*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	825.90	73.65
		For Tempered Clear Insulated Glass, Add	*135.72*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	721.68	43.81
		For Tempered Low-E Insulated Glass, Add	*126.81*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,012.37	55.93
		For Tempered Low-E Insulated Glass, Add	*180.29*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,056.63	57.33
		For Tempered Low-E Insulated Glass, Add	*188.39*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,122.98	60.13
		For Tempered Low-E Insulated Glass, Add	*200.55*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,167.22	62.46
		For Tempered Low-E Insulated Glass, Add	*208.65*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,257.74	65.72
		For Tempered Low-E Insulated Glass, Add	*225.26*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,348.26	69.92
		For Tempered Low-E Insulated Glass, Add	*241.87*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	767.94	45.68
		For Tempered Low-E Insulated Glass, Add	*135.32*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,056.63	57.80
		For Tempered Low-E Insulated Glass, Add	*188.39*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,102.90	59.20
		For Tempered Low-E Insulated Glass, Add	*196.90*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,167.22	61.99
		For Tempered Low-E Insulated Glass, Add	*208.65*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,213.49	64.32
		For Tempered Low-E Insulated Glass, Add	*217.16*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,304.01	67.59
		For Tempered Low-E Insulated Glass, Add	*233.77*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.52	71.78
		For Tempered Low-E Insulated Glass, Add	*250.38*	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0973		EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	812.18	47.54
			For Tempered Low-E Insulated Glass, Add	*143.42*	
08 52 16 00-0974		EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,102.90	59.66
			For Tempered Low-E Insulated Glass, Add	*196.90*	
08 52 16 00-0975		EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,147.13	61.06
			For Tempered Low-E Insulated Glass, Add	*205.00*	
08 52 16 00-0976		EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,213.49	63.86
			For Tempered Low-E Insulated Glass, Add	*217.16*	
08 52 16 00-0977		EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,257.74	66.19
			For Tempered Low-E Insulated Glass, Add	*225.26*	
08 52 16 00-0978		EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,348.26	69.45
			For Tempered Low-E Insulated Glass, Add	*241.87*	
08 52 16 00-0979		EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,440.79	73.65
			For Tempered Low-E Insulated Glass, Add	*258.89*	
08 52 16 00-0980			60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0981		EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	858.46	49.41
			For Tempered Low-E Insulated Glass, Add	*151.93*	
08 52 16 00-0982		EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,147.13	61.53
			For Tempered Low-E Insulated Glass, Add	*205.00*	
08 52 16 00-0983		EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,193.40	62.93
			For Tempered Low-E Insulated Glass, Add	*213.51*	
08 52 16 00-0984		EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,257.74	65.72
			For Tempered Low-E Insulated Glass, Add	*225.26*	
08 52 16 00-0985		EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,304.01	68.05
			For Tempered Low-E Insulated Glass, Add	*233.77*	
08 52 16 00-0986		EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.52	71.32
			For Tempered Low-E Insulated Glass, Add	*250.38*	
08 52 16 00-0987		EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,485.04	75.51
			For Tempered Low-E Insulated Glass, Add	*266.99*	
08 52 16 00-0988			64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0989		EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	902.71	51.27
			For Tempered Low-E Insulated Glass, Add	*160.03*	
08 52 16 00-0990		EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,193.40	63.39
			For Tempered Low-E Insulated Glass, Add	*213.51*	
08 52 16 00-0991		EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,239.67	64.79
			For Tempered Low-E Insulated Glass, Add	*222.02*	
08 52 16 00-0992		EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,304.01	67.59
			For Tempered Low-E Insulated Glass, Add	*233.77*	
08 52 16 00-0993		EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,348.26	69.92
			For Tempered Low-E Insulated Glass, Add	*241.87*	
08 52 16 00-0994		EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,440.79	73.18
			For Tempered Low-E Insulated Glass, Add	*258.89*	
08 52 16 00-0995		EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,531.31	77.38
			For Tempered Low-E Insulated Glass, Add	*275.50*	
08 52 16 00-0996			68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0997		EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	948.98	53.14
			For Tempered Low-E Insulated Glass, Add	*168.54*	
08 52 16 00-0998		EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,239.67	65.26
			For Tempered Low-E Insulated Glass, Add	*222.02*	
08 52 16 00-0999		EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,283.92	66.65
			For Tempered Low-E Insulated Glass, Add	*230.12*	
08 52 16 00-1000		EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,348.26	69.45
			For Tempered Low-E Insulated Glass, Add	*241.87*	
08 52 16 00-1001		EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.52	71.78
			For Tempered Low-E Insulated Glass, Add	*250.38*	
08 52 16 00-1002		EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,485.04	75.04
			For Tempered Low-E Insulated Glass, Add	*266.99*	
08 52 16 00-1003		EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,575.55	79.24
			For Tempered Low-E Insulated Glass, Add	*283.60*	
08 52 16 00-1004			72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-1005		EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	993.21	55.00
			For Tempered Low-E Insulated Glass, Add	*176.64*	
08 52 16 00-1006		EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,283.92	67.12
			For Tempered Low-E Insulated Glass, Add	*230.12*	
08 52 16 00-1007		EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,330.19	68.52
			For Tempered Low-E Insulated Glass, Add	*238.63*	
08 52 16 00-1008		EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,394.52	71.32
			For Tempered Low-E Insulated Glass, Add	*250.38*	
08 52 16 00-1009		EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,440.79	73.65
			For Tempered Low-E Insulated Glass, Add	*258.89*	

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08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,531.31	76.90
		For Tempered Low-E Insulated Glass, Add	*275.50*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,621.81	81.10
		For Tempered Low-E Insulated Glass, Add	*292.11*	
08 52 16 00-1012		76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,039.48	56.87
		For Tempered Low-E Insulated Glass, Add	*185.15*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,330.19	68.99
		For Tempered Low-E Insulated Glass, Add	*238.63*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,374.42	70.38
		For Tempered Low-E Insulated Glass, Add	*246.73*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,440.79	73.18
		For Tempered Low-E Insulated Glass, Add	*258.89*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,485.04	75.51
		For Tempered Low-E Insulated Glass, Add	*266.99*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,575.55	78.77
		For Tempered Low-E Insulated Glass, Add	*283.60*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,666.06	82.96
		For Tempered Low-E Insulated Glass, Add	*300.21*	
08 52 16 00-1020		Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*		
08 52 16 00-1021		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	633.09	58.26
		For Tempered Clear Insulated Glass, Add	*103.31*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-1025		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	739.00	66.65
		For Tempered Clear Insulated Glass, Add	*121.14*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	755.97	68.05
		For Tempered Clear Insulated Glass, Add	*123.97*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	633.09	58.73
		For Tempered Clear Insulated Glass, Add	*103.31*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	739.00	66.65
		For Tempered Clear Insulated Glass, Add	*121.14*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	650.06	59.66
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	755.97	68.05
		For Tempered Clear Insulated Glass, Add	*123.97*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	825.90	73.65
		For Tempered Clear Insulated Glass, Add	*135.72*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	825.90	73.65
		For Tempered Clear Insulated Glass, Add	*135.72*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.93	70.84
		For Tempered Clear Insulated Glass, Add	*129.65*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	330.40	37.29
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	349.61	37.29
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	366.51	37.29
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	49.99	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	73.66	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	99.97	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	126.28	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	178.89	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	79.98	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	117.86	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	159.95	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	202.05	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	286.23	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	95.97	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	141.43	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	191.94	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	242.45	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	343.48	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	115.18	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	169.71	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	230.33	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	290.94	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	412.17	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		Insect Screens For Wood Clad Windows *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	36.10	8.25
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	41.69	8.25
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	44.49	8.25
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	50.09	8.25
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	61.28	8.25
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	66.88	8.25
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	72.47	8.25
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	78.07	8.25
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.33	0.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	200.44	42.88
		For Colored Vinyl, Add	*11.47*	
		For Tinted Glass, Add	*13.76*	
		For Low-E Insulated Glass, Add	*28.67*	
		For Obscure Glass, Add	*31.53*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	210.56	44.75
		For Colored Vinyl, Add	*12.11*	
		For Tinted Glass, Add	*14.53*	
		For Low-E Insulated Glass, Add	*30.27*	
		For Obscure Glass, Add	*33.29*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.88	45.68
		For Colored Vinyl, Add	*12.35*	
		For Tinted Glass, Add	*14.82*	
		For Low-E Insulated Glass, Add	*30.88*	
		For Obscure Glass, Add	*33.97*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.54	46.61
		For Colored Vinyl, Add	*12.63*	
		For Tinted Glass, Add	*15.16*	
		For Low-E Insulated Glass, Add	*31.58*	
		For Obscure Glass, Add	*34.74*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	231.09	48.48
		For Colored Vinyl, Add	*13.41*	
		For Tinted Glass, Add	*16.10*	
		For Low-E Insulated Glass, Add	*33.54*	
		For Obscure Glass, Add	*36.89*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	250.36	52.20
		For Colored Vinyl, Add	*14.60*	
		For Tinted Glass, Add	*17.51*	
		For Low-E Insulated Glass, Add	*36.49*	
		For Obscure Glass, Add	*40.14*	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	204.55	43.81
		For Colored Vinyl, Add	*11.69*	
		For Tinted Glass, Add	*14.03*	
		For Low-E Insulated Glass, Add	*29.23*	
		For Obscure Glass, Add	*32.15*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.66	44.75
		For Colored Vinyl, Add	*12.33*	
		For Tinted Glass, Add	*14.80*	
		For Low-E Insulated Glass, Add	*30.83*	
		For Obscure Glass, Add	*33.91*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.00	46.61
		For Colored Vinyl, Add	*12.58*	
		For Tinted Glass, Add	*15.09*	
		For Low-E Insulated Glass, Add	*31.45*	
		For Obscure Glass, Add	*34.59*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	223.65	47.54
		For Colored Vinyl, Add	*12.86*	
		For Tinted Glass, Add	*15.43*	
		For Low-E Insulated Glass, Add	*32.14*	
		For Obscure Glass, Add	*35.36*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.21	49.41
		For Colored Vinyl, Add	*13.64*	
		For Tinted Glass, Add	*16.37*	
		For Low-E Insulated Glass, Add	*34.10*	
		For Obscure Glass, Add	*37.51*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.48	53.14
		For Colored Vinyl, Add	*14.82*	
		For Tinted Glass, Add	*17.78*	
		For Low-E Insulated Glass, Add	*37.05*	
		For Obscure Glass, Add	*40.76*	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

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08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	208.57	44.75
		For Colored Vinyl, Add	*11.91*	
		For Tinted Glass, Add	*14.29*	
		For Low-E Insulated Glass, Add	*29.77*	
		For Obscure Glass, Add	*32.74*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	218.68	46.61
		For Colored Vinyl, Add	*12.55*	
		For Tinted Glass, Add	*15.06*	
		For Low-E Insulated Glass, Add	*31.37*	
		For Obscure Glass, Add	*34.50*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	223.15	47.54
		For Colored Vinyl, Add	*12.81*	
		For Tinted Glass, Add	*15.37*	
		For Low-E Insulated Glass, Add	*32.02*	
		For Obscure Glass, Add	*35.22*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	227.81	48.48
		For Colored Vinyl, Add	*13.09*	
		For Tinted Glass, Add	*15.70*	
		For Low-E Insulated Glass, Add	*32.72*	
		For Obscure Glass, Add	*35.99*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.52	50.34
		For Colored Vinyl, Add	*13.88*	
		For Tinted Glass, Add	*16.66*	
		For Low-E Insulated Glass, Add	*34.71*	
		For Obscure Glass, Add	*38.18*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	259.00	54.07
		For Colored Vinyl, Add	*15.09*	
		For Tinted Glass, Add	*18.10*	
		For Low-E Insulated Glass, Add	*37.72*	
		For Obscure Glass, Add	*41.49*	

08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	220.77	47.54
		For Colored Vinyl, Add	*12.57*	
		For Tinted Glass, Add	*15.08*	
		For Low-E Insulated Glass, Add	*31.42*	
		For Obscure Glass, Add	*34.56*	
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	230.90	49.41
		For Colored Vinyl, Add	*13.21*	
		For Tinted Glass, Add	*15.85*	
		For Low-E Insulated Glass, Add	*33.02*	
		For Obscure Glass, Add	*36.32*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.84	50.34
		For Colored Vinyl, Add	*13.52*	
		For Tinted Glass, Add	*16.22*	
		For Low-E Insulated Glass, Add	*33.79*	
		For Obscure Glass, Add	*37.17*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	240.50	51.27
		For Colored Vinyl, Add	*13.80*	
		For Tinted Glass, Add	*16.55*	
		For Low-E Insulated Glass, Add	*34.49*	
		For Obscure Glass, Add	*37.94*	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	252.68	53.14
		For Colored Vinyl, Add	*14.64*	
		For Tinted Glass, Add	*17.57*	
		For Low-E Insulated Glass, Add	*36.60*	
		For Obscure Glass, Add	*40.26*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	272.75	56.87
		For Colored Vinyl, Add	*15.90*	
		For Tinted Glass, Add	*19.08*	
		For Low-E Insulated Glass, Add	*39.76*	
		For Obscure Glass, Add	*43.73*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	224.89	48.48
		For Colored Vinyl, Add	*12.79*	
		For Tinted Glass, Add	*15.35*	
		For Low-E Insulated Glass, Add	*31.99*	
		For Obscure Glass, Add	*35.18*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.01	50.34
		For Colored Vinyl, Add	*13.43*	
		For Tinted Glass, Add	*16.12*	
		For Low-E Insulated Glass, Add	*33.58*	
		For Obscure Glass, Add	*36.94*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	240.11	51.27
		For Colored Vinyl, Add	*13.76*	
		For Tinted Glass, Add	*16.51*	
		For Low-E Insulated Glass, Add	*34.39*	
		For Obscure Glass, Add	*37.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	244.76	52.20
		For Colored Vinyl, Add	*14.04*	
		For Tinted Glass, Add	*16.84*	
		For Low-E Insulated Glass, Add	*35.09*	
		For Obscure Glass, Add	*38.60*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	257.08	54.07
		For Colored Vinyl, Add	*14.89*	
		For Tinted Glass, Add	*17.87*	
		For Low-E Insulated Glass, Add	*37.24*	
		For Obscure Glass, Add	*40.96*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	277.36	57.80
		For Colored Vinyl, Add	*16.18*	
		For Tinted Glass, Add	*19.41*	
		For Low-E Insulated Glass, Add	*40.44*	
		For Obscure Glass, Add	*44.49*	
08 53 13 00-0038		48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	229.05	49.41
		For Colored Vinyl, Add	*13.02*	
		For Tinted Glass, Add	*15.63*	
		For Low-E Insulated Glass, Add	*32.56*	
		For Obscure Glass, Add	*35.81*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.17	51.27
		For Colored Vinyl, Add	*13.66*	
		For Tinted Glass, Add	*16.39*	
		For Low-E Insulated Glass, Add	*34.16*	
		For Obscure Glass, Add	*37.57*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	244.40	52.20
		For Colored Vinyl, Add	*14.00*	
		For Tinted Glass, Add	*16.80*	
		For Low-E Insulated Glass, Add	*35.00*	
		For Obscure Glass, Add	*38.50*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	249.06	53.14
		For Colored Vinyl, Add	*14.28*	
		For Tinted Glass, Add	*17.13*	
		For Low-E Insulated Glass, Add	*35.70*	
		For Obscure Glass, Add	*39.26*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	261.53	55.00
		For Colored Vinyl, Add	*15.15*	
		For Tinted Glass, Add	*18.18*	
		For Low-E Insulated Glass, Add	*37.88*	
		For Obscure Glass, Add	*41.67*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	282.02	58.73
		For Colored Vinyl, Add	*16.46*	
		For Tinted Glass, Add	*19.75*	
		For Low-E Insulated Glass, Add	*41.14*	
		For Obscure Glass, Add	*45.25*	
08 53 13 00-0045		50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.05	50.34
		For Colored Vinyl, Add	*13.24*	
		For Tinted Glass, Add	*15.88*	
		For Low-E Insulated Glass, Add	*33.09*	
		For Obscure Glass, Add	*36.40*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	243.17	52.20
		For Colored Vinyl, Add	*13.88*	
		For Tinted Glass, Add	*16.65*	
		For Low-E Insulated Glass, Add	*34.69*	
		For Obscure Glass, Add	*38.16*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	248.57	53.14
		For Colored Vinyl, Add	*14.23*	
		For Tinted Glass, Add	*17.07*	
		For Low-E Insulated Glass, Add	*35.57*	
		For Obscure Glass, Add	*39.13*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	253.22	54.07
		For Colored Vinyl, Add	*14.51*	
		For Tinted Glass, Add	*17.41*	
		For Low-E Insulated Glass, Add	*36.27*	
		For Obscure Glass, Add	*39.90*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	265.84	55.93
		For Colored Vinyl, Add	*15.40*	
		For Tinted Glass, Add	*18.48*	
		For Low-E Insulated Glass, Add	*38.50*	
		For Obscure Glass, Add	*42.34*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	286.53	59.66
		For Colored Vinyl, Add	*16.72*	
		For Tinted Glass, Add	*20.07*	
		For Low-E Insulated Glass, Add	*41.80*	
		For Obscure Glass, Add	*45.98*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	237.08	51.27
		For Colored Vinyl, Add	*13.45*	
		For Tinted Glass, Add	*16.14*	
		For Low-E Insulated Glass, Add	*33.63*	
		For Obscure Glass, Add	*37.00*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.20	53.14
		For Colored Vinyl, Add	*14.09*	
		For Tinted Glass, Add	*16.91*	
		For Low-E Insulated Glass, Add	*35.23*	
		For Obscure Glass, Add	*38.75*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	252.75	54.07
		For Colored Vinyl, Add	*14.46*	
		For Tinted Glass, Add	*17.35*	
		For Low-E Insulated Glass, Add	*36.15*	
		For Obscure Glass, Add	*39.77*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	257.41	55.00
		For Colored Vinyl, Add	*14.74*	
		For Tinted Glass, Add	*17.69*	
		For Low-E Insulated Glass, Add	*36.85*	
		For Obscure Glass, Add	*40.54*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	270.19	56.87
		For Colored Vinyl, Add	*15.65*	
		For Tinted Glass, Add	*18.78*	
		For Low-E Insulated Glass, Add	*39.12*	
		For Obscure Glass, Add	*43.03*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	291.08	60.59
		For Colored Vinyl, Add	*16.99*	
		For Tinted Glass, Add	*20.39*	
		For Low-E Insulated Glass, Add	*42.47*	
		For Obscure Glass, Add	*46.72*	

08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	241.10	52.20
		For Colored Vinyl, Add	*13.67*	
		For Tinted Glass, Add	*16.40*	
		For Low-E Insulated Glass, Add	*34.17*	
		For Obscure Glass, Add	*37.59*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	251.22	54.07
		For Colored Vinyl, Add	*14.31*	
		For Tinted Glass, Add	*17.17*	
		For Low-E Insulated Glass, Add	*35.77*	
		For Obscure Glass, Add	*39.35*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	256.92	55.00
		For Colored Vinyl, Add	*14.69*	
		For Tinted Glass, Add	*17.63*	
		For Low-E Insulated Glass, Add	*36.73*	
		For Obscure Glass, Add	*40.40*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	261.57	55.93
		For Colored Vinyl, Add	*14.97*	
		For Tinted Glass, Add	*17.97*	
		For Low-E Insulated Glass, Add	*37.43*	
		For Obscure Glass, Add	*41.17*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	274.50	57.80
		For Colored Vinyl, Add	*15.89*	
		For Tinted Glass, Add	*19.07*	
		For Low-E Insulated Glass, Add	*39.73*	
		For Obscure Glass, Add	*43.70*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	295.59	61.53
		For Colored Vinyl, Add	*17.25*	
		For Tinted Glass, Add	*20.70*	
		For Low-E Insulated Glass, Add	*43.14*	
		For Obscure Glass, Add	*47.45*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	253.44	55.00
		For Colored Vinyl, Add	*14.34*	
		For Tinted Glass, Add	*17.21*	
		For Low-E Insulated Glass, Add	*35.86*	
		For Obscure Glass, Add	*39.45*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	263.57	56.87
		For Colored Vinyl, Add	*14.98*	
		For Tinted Glass, Add	*17.98*	
		For Low-E Insulated Glass, Add	*37.46*	
		For Obscure Glass, Add	*41.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	269.69	57.80
		For Colored Vinyl, Add	*15.41*	
		For Tinted Glass, Add	*18.49*	
		For Low-E Insulated Glass, Add	*38.53*	
		For Obscure Glass, Add	*42.38*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	274.35	58.73
		For Colored Vinyl, Add	*15.69*	
		For Tinted Glass, Add	*18.83*	
		For Low-E Insulated Glass, Add	*39.22*	
		For Obscure Glass, Add	*43.14*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	287.75	60.59
		For Colored Vinyl, Add	*16.66*	
		For Tinted Glass, Add	*19.99*	
		For Low-E Insulated Glass, Add	*41.64*	
		For Obscure Glass, Add	*45.80*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	309.45	64.32
		For Colored Vinyl, Add	*18.08*	
		For Tinted Glass, Add	*21.70*	
		For Low-E Insulated Glass, Add	*45.20*	
		For Obscure Glass, Add	*49.72*	
08 53 13 00-0073		62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	257.46	55.93
		For Colored Vinyl, Add	*14.56*	
		For Tinted Glass, Add	*17.47*	
		For Low-E Insulated Glass, Add	*36.40*	
		For Obscure Glass, Add	*40.04*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	267.59	57.80
		For Colored Vinyl, Add	*15.20*	
		For Tinted Glass, Add	*18.24*	
		For Low-E Insulated Glass, Add	*38.00*	
		For Obscure Glass, Add	*41.80*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	273.90	58.73
		For Colored Vinyl, Add	*15.64*	
		For Tinted Glass, Add	*18.77*	
		For Low-E Insulated Glass, Add	*39.11*	
		For Obscure Glass, Add	*43.02*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	278.55	59.66
		For Colored Vinyl, Add	*15.92*	
		For Tinted Glass, Add	*19.11*	
		For Low-E Insulated Glass, Add	*39.81*	
		For Obscure Glass, Add	*43.79*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	292.10	61.53
		For Colored Vinyl, Add	*16.91*	
		For Tinted Glass, Add	*20.29*	
		For Low-E Insulated Glass, Add	*42.26*	
		For Obscure Glass, Add	*46.49*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	314.01	65.26
		For Colored Vinyl, Add	*18.35*	
		For Tinted Glass, Add	*22.02*	
		For Low-E Insulated Glass, Add	*45.88*	
		For Obscure Glass, Add	*50.46*	
08 53 13 00-0080		66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	265.62	57.80
		For Colored Vinyl, Add	*15.00*	
		For Tinted Glass, Add	*18.00*	
		For Low-E Insulated Glass, Add	*37.51*	
		For Obscure Glass, Add	*41.26*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	275.75	59.66
		For Colored Vinyl, Add	*15.64*	
		For Tinted Glass, Add	*18.77*	
		For Low-E Insulated Glass, Add	*39.11*	
		For Obscure Glass, Add	*43.02*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	282.35	60.59
		For Colored Vinyl, Add	*16.12*	
		For Tinted Glass, Add	*19.34*	
		For Low-E Insulated Glass, Add	*40.29*	
		For Obscure Glass, Add	*44.32*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	287.00	61.53
		For Colored Vinyl, Add	*16.40*	
		For Tinted Glass, Add	*19.67*	
		For Low-E Insulated Glass, Add	*40.99*	
		For Obscure Glass, Add	*45.09*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	300.88	63.39
		For Colored Vinyl, Add	*17.41*	
		For Tinted Glass, Add	*20.89*	
		For Low-E Insulated Glass, Add	*43.52*	
		For Obscure Glass, Add	*47.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	323.16	67.12
		For Colored Vinyl, Add	*18.89*	
		For Tinted Glass, Add	*22.67*	
		For Low-E Insulated Glass, Add	*47.23*	
		For Obscure Glass, Add	*51.95*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	277.98	60.59
		For Colored Vinyl, Add	*15.68*	
		For Tinted Glass, Add	*18.81*	
		For Low-E Insulated Glass, Add	*39.20*	
		For Obscure Glass, Add	*43.12*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	288.10	62.46
		For Colored Vinyl, Add	*16.32*	
		For Tinted Glass, Add	*19.58*	
		For Low-E Insulated Glass, Add	*40.80*	
		For Obscure Glass, Add	*44.87*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	294.70	63.39
		For Colored Vinyl, Add	*16.79*	
		For Tinted Glass, Add	*20.15*	
		For Low-E Insulated Glass, Add	*41.98*	
		For Obscure Glass, Add	*46.18*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	299.35	64.32
		For Colored Vinyl, Add	*17.07*	
		For Tinted Glass, Add	*20.48*	
		For Low-E Insulated Glass, Add	*42.68*	
		For Obscure Glass, Add	*46.94*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	313.21	66.19
		For Colored Vinyl, Add	*18.08*	
		For Tinted Glass, Add	*21.70*	
		For Low-E Insulated Glass, Add	*45.21*	
		For Obscure Glass, Add	*49.73*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	335.51	69.92
		For Colored Vinyl, Add	*19.57*	
		For Tinted Glass, Add	*23.48*	
		For Low-E Insulated Glass, Add	*48.92*	
		For Obscure Glass, Add	*53.81*	

08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	281.90	48.94
		For Colored Vinyl, Add	*18.40*	
		For Tinted Glass, Add	*22.08*	
		For Low-E Insulated Glass, Add	*46.00*	
		For Obscure Glass, Add	*50.60*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	308.94	53.60
		For Colored Vinyl, Add	*20.17*	
		For Tinted Glass, Add	*24.21*	
		For Low-E Insulated Glass, Add	*50.44*	
		For Obscure Glass, Add	*55.48*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	334.21	58.26
		For Colored Vinyl, Add	*21.77*	
		For Tinted Glass, Add	*26.12*	
		For Low-E Insulated Glass, Add	*54.42*	
		For Obscure Glass, Add	*59.86*	
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	353.16	62.93
		For Colored Vinyl, Add	*22.73*	
		For Tinted Glass, Add	*27.28*	
		For Low-E Insulated Glass, Add	*56.83*	
		For Obscure Glass, Add	*62.51*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	372.83	67.59
		For Colored Vinyl, Add	*23.77*	
		For Tinted Glass, Add	*28.52*	
		For Low-E Insulated Glass, Add	*59.42*	
		For Obscure Glass, Add	*65.36*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	403.76	72.25
		For Colored Vinyl, Add	*25.93*	
		For Tinted Glass, Add	*31.11*	
		For Low-E Insulated Glass, Add	*64.82*	
		For Obscure Glass, Add	*71.30*	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	3.37	0.60
		For Colored Vinyl, Add	*0.22*	
		For Tinted Glass, Add	*0.26*	
		For Low-E Insulated Glass, Add	*0.54*	
		For Obscure Glass, Add	*0.59*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0104		34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	269.71	42.88
		For Colored Vinyl, Add	*18.39*	
		For Tinted Glass, Add	*22.07*	
		For Low-E Insulated Glass, Add	*45.99*	
		For Obscure Glass, Add	*50.58*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	279.83	44.75
		For Colored Vinyl, Add	*19.03*	
		For Tinted Glass, Add	*22.84*	
		For Low-E Insulated Glass, Add	*47.58*	
		For Obscure Glass, Add	*52.34*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	284.74	45.68
		For Colored Vinyl, Add	*19.34*	
		For Tinted Glass, Add	*23.21*	
		For Low-E Insulated Glass, Add	*48.35*	
		For Obscure Glass, Add	*53.18*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	289.40	46.61
		For Colored Vinyl, Add	*19.62*	
		For Tinted Glass, Add	*23.54*	
		For Low-E Insulated Glass, Add	*49.05*	
		For Obscure Glass, Add	*53.95*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	300.35	48.48
		For Colored Vinyl, Add	*20.34*	
		For Tinted Glass, Add	*24.41*	
		For Low-E Insulated Glass, Add	*50.85*	
		For Obscure Glass, Add	*55.94*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	318.85	52.20
		For Colored Vinyl, Add	*21.44*	
		For Tinted Glass, Add	*25.73*	
		For Low-E Insulated Glass, Add	*53.61*	
		For Obscure Glass, Add	*58.97*	
08 53 13 00-0111		36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	273.82	43.81
		For Colored Vinyl, Add	*18.62*	
		For Tinted Glass, Add	*22.34*	
		For Low-E Insulated Glass, Add	*46.55*	
		For Obscure Glass, Add	*51.20*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	283.93	45.68
		For Colored Vinyl, Add	*19.26*	
		For Tinted Glass, Add	*23.11*	
		For Low-E Insulated Glass, Add	*48.15*	
		For Obscure Glass, Add	*52.96*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.86	46.61
		For Colored Vinyl, Add	*19.56*	
		For Tinted Glass, Add	*23.48*	
		For Low-E Insulated Glass, Add	*48.91*	
		For Obscure Glass, Add	*53.80*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	293.51	47.54
		For Colored Vinyl, Add	*19.84*	
		For Tinted Glass, Add	*23.81*	
		For Low-E Insulated Glass, Add	*49.61*	
		For Obscure Glass, Add	*54.57*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.47	49.41
		For Colored Vinyl, Add	*20.57*	
		For Tinted Glass, Add	*24.68*	
		For Low-E Insulated Glass, Add	*51.41*	
		For Obscure Glass, Add	*56.55*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	322.97	53.14
		For Colored Vinyl, Add	*21.67*	
		For Tinted Glass, Add	*26.00*	
		For Low-E Insulated Glass, Add	*54.17*	
		For Obscure Glass, Add	*59.59*	
08 53 13 00-0118		38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.61	44.75
		For Colored Vinyl, Add	*18.81*	
		For Tinted Glass, Add	*22.57*	
		For Low-E Insulated Glass, Add	*47.03*	
		For Obscure Glass, Add	*51.73*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	287.73	46.61
		For Colored Vinyl, Add	*19.45*	
		For Tinted Glass, Add	*23.34*	
		For Low-E Insulated Glass, Add	*48.63*	
		For Obscure Glass, Add	*53.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	292.77	47.54
		For Colored Vinyl, Add	*19.77*	
		For Tinted Glass, Add	*23.72*	
		For Low-E Insulated Glass, Add	*49.42*	
		For Obscure Glass, Add	*54.36*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	297.43	48.48
		For Colored Vinyl, Add	*20.05*	
		For Tinted Glass, Add	*24.06*	
		For Low-E Insulated Glass, Add	*50.12*	
		For Obscure Glass, Add	*55.13*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	308.56	50.34
		For Colored Vinyl, Add	*20.79*	
		For Tinted Glass, Add	*24.95*	
		For Low-E Insulated Glass, Add	*51.97*	
		For Obscure Glass, Add	*57.17*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	327.24	54.07
		For Colored Vinyl, Add	*21.91*	
		For Tinted Glass, Add	*26.29*	
		For Low-E Insulated Glass, Add	*54.78*	
		For Obscure Glass, Add	*60.25*	
08 53 13 00-0125		44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	290.20	47.54
		For Colored Vinyl, Add	*19.51*	
		For Tinted Glass, Add	*23.41*	
		For Low-E Insulated Glass, Add	*48.78*	
		For Obscure Glass, Add	*53.66*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	300.33	49.41
		For Colored Vinyl, Add	*20.15*	
		For Tinted Glass, Add	*24.18*	
		For Low-E Insulated Glass, Add	*50.38*	
		For Obscure Glass, Add	*55.42*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.64	50.34
		For Colored Vinyl, Add	*20.40*	
		For Tinted Glass, Add	*24.48*	
		For Low-E Insulated Glass, Add	*50.99*	
		For Obscure Glass, Add	*56.09*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	309.30	51.27
		For Colored Vinyl, Add	*20.68*	
		For Tinted Glass, Add	*24.81*	
		For Low-E Insulated Glass, Add	*51.69*	
		For Obscure Glass, Add	*56.86*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.83	53.14
		For Colored Vinyl, Add	*21.46*	
		For Tinted Glass, Add	*25.75*	
		For Low-E Insulated Glass, Add	*53.64*	
		For Obscure Glass, Add	*59.00*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	340.39	56.87
		For Colored Vinyl, Add	*22.67*	
		For Tinted Glass, Add	*27.20*	
		For Low-E Insulated Glass, Add	*56.67*	
		For Obscure Glass, Add	*62.33*	
08 53 13 00-0132		46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	293.98	48.48
		For Colored Vinyl, Add	*19.70*	
		For Tinted Glass, Add	*23.64*	
		For Low-E Insulated Glass, Add	*49.26*	
		For Obscure Glass, Add	*54.18*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.10	50.34
		For Colored Vinyl, Add	*20.34*	
		For Tinted Glass, Add	*24.41*	
		For Low-E Insulated Glass, Add	*50.86*	
		For Obscure Glass, Add	*55.94*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	308.61	51.27
		For Colored Vinyl, Add	*20.61*	
		For Tinted Glass, Add	*24.73*	
		For Low-E Insulated Glass, Add	*51.52*	
		For Obscure Glass, Add	*56.67*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	313.27	52.20
		For Colored Vinyl, Add	*20.89*	
		For Tinted Glass, Add	*25.06*	
		For Low-E Insulated Glass, Add	*52.22*	
		For Obscure Glass, Add	*57.44*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.92	54.07
		For Colored Vinyl, Add	*21.68*	
		For Tinted Glass, Add	*26.01*	
		For Low-E Insulated Glass, Add	*54.20*	
		For Obscure Glass, Add	*59.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	345.03	57.80
		For Colored Vinyl, Add	*22.94*	
		For Tinted Glass, Add	*27.53*	
		For Low-E Insulated Glass, Add	*57.36*	
		For Obscure Glass, Add	*63.10*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	297.79	49.41
		For Colored Vinyl, Add	*19.90*	
		For Tinted Glass, Add	*23.88*	
		For Low-E Insulated Glass, Add	*49.74*	
		For Obscure Glass, Add	*54.72*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	307.91	51.27
		For Colored Vinyl, Add	*20.54*	
		For Tinted Glass, Add	*24.64*	
		For Low-E Insulated Glass, Add	*51.34*	
		For Obscure Glass, Add	*56.47*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	312.53	52.20
		For Colored Vinyl, Add	*20.81*	
		For Tinted Glass, Add	*24.97*	
		For Low-E Insulated Glass, Add	*52.03*	
		For Obscure Glass, Add	*57.23*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	317.19	53.14
		For Colored Vinyl, Add	*21.09*	
		For Tinted Glass, Add	*25.31*	
		For Low-E Insulated Glass, Add	*52.73*	
		For Obscure Glass, Add	*58.00*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	329.01	55.00
		For Colored Vinyl, Add	*21.90*	
		For Tinted Glass, Add	*26.28*	
		For Low-E Insulated Glass, Add	*54.75*	
		For Obscure Glass, Add	*60.23*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	349.60	58.73
		For Colored Vinyl, Add	*23.21*	
		For Tinted Glass, Add	*27.86*	
		For Low-E Insulated Glass, Add	*58.04*	
		For Obscure Glass, Add	*63.84*	

08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	301.56	50.34
		For Colored Vinyl, Add	*20.09*	
		For Tinted Glass, Add	*24.11*	
		For Low-E Insulated Glass, Add	*50.22*	
		For Obscure Glass, Add	*55.24*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.68	52.20
		For Colored Vinyl, Add	*20.73*	
		For Tinted Glass, Add	*24.87*	
		For Low-E Insulated Glass, Add	*51.82*	
		For Obscure Glass, Add	*57.00*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.49	53.14
		For Colored Vinyl, Add	*21.02*	
		For Tinted Glass, Add	*25.23*	
		For Low-E Insulated Glass, Add	*52.55*	
		For Obscure Glass, Add	*57.81*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.14	54.07
		For Colored Vinyl, Add	*21.30*	
		For Tinted Glass, Add	*25.56*	
		For Low-E Insulated Glass, Add	*53.25*	
		For Obscure Glass, Add	*58.58*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	333.10	55.93
		For Colored Vinyl, Add	*22.12*	
		For Tinted Glass, Add	*26.55*	
		For Low-E Insulated Glass, Add	*55.31*	
		For Obscure Glass, Add	*60.84*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.21	59.66
		For Colored Vinyl, Add	*23.49*	
		For Tinted Glass, Add	*28.19*	
		For Low-E Insulated Glass, Add	*58.72*	
		For Obscure Glass, Add	*64.59*	

08 53 13 00-0153 52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	305.36	51.27
		For Colored Vinyl, Add	*20.28*	
		For Tinted Glass, Add	*24.34*	
		For Low-E Insulated Glass, Add	*50.70*	
		For Obscure Glass, Add	*55.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	315.48	53.14
		For Colored Vinyl, Add	*20.92*	
		For Tinted Glass, Add	*25.10*	
		For Low-E Insulated Glass, Add	*52.30*	
		For Obscure Glass, Add	*57.53*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.40	54.07
		For Colored Vinyl, Add	*21.23*	
		For Tinted Glass, Add	*25.47*	
		For Low-E Insulated Glass, Add	*53.07*	
		For Obscure Glass, Add	*58.37*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	325.05	55.00
		For Colored Vinyl, Add	*21.51*	
		For Tinted Glass, Add	*25.81*	
		For Low-E Insulated Glass, Add	*53.76*	
		For Obscure Glass, Add	*59.14*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	337.51	56.87
		For Colored Vinyl, Add	*22.38*	
		For Tinted Glass, Add	*26.85*	
		For Low-E Insulated Glass, Add	*55.95*	
		For Obscure Glass, Add	*61.54*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	358.76	60.59
		For Colored Vinyl, Add	*23.76*	
		For Tinted Glass, Add	*28.51*	
		For Low-E Insulated Glass, Add	*59.39*	
		For Obscure Glass, Add	*65.33*	

08 53 13 00-0160 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	309.16	52.20
		For Colored Vinyl, Add	*20.48*	
		For Tinted Glass, Add	*24.57*	
		For Low-E Insulated Glass, Add	*51.19*	
		For Obscure Glass, Add	*56.31*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	319.28	54.07
		For Colored Vinyl, Add	*21.11*	
		For Tinted Glass, Add	*25.34*	
		For Low-E Insulated Glass, Add	*52.79*	
		For Obscure Glass, Add	*58.06*	
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.37	55.00
		For Colored Vinyl, Add	*21.44*	
		For Tinted Glass, Add	*25.72*	
		For Low-E Insulated Glass, Add	*53.59*	
		For Obscure Glass, Add	*58.95*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	329.02	55.93
		For Colored Vinyl, Add	*21.72*	
		For Tinted Glass, Add	*26.06*	
		For Low-E Insulated Glass, Add	*54.29*	
		For Obscure Glass, Add	*59.72*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.91	57.80
		For Colored Vinyl, Add	*22.63*	
		For Tinted Glass, Add	*27.16*	
		For Low-E Insulated Glass, Add	*56.58*	
		For Obscure Glass, Add	*62.24*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	363.32	61.53
		For Colored Vinyl, Add	*24.03*	
		For Tinted Glass, Add	*28.83*	
		For Low-E Insulated Glass, Add	*60.07*	
		For Obscure Glass, Add	*66.07*	

08 53 13 00-0167 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.57	55.00
		For Colored Vinyl, Add	*21.06*	
		For Tinted Glass, Add	*25.27*	
		For Low-E Insulated Glass, Add	*52.64*	
		For Obscure Glass, Add	*57.91*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	330.69	56.87
		For Colored Vinyl, Add	*21.70*	
		For Tinted Glass, Add	*26.04*	
		For Low-E Insulated Glass, Add	*54.24*	
		For Obscure Glass, Add	*59.66*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	336.83	57.80
		For Colored Vinyl, Add	*22.12*	
		For Tinted Glass, Add	*26.55*	
		For Low-E Insulated Glass, Add	*55.31*	
		For Obscure Glass, Add	*60.84*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.49	58.73
		For Colored Vinyl, Add	*22.40*	
		For Tinted Glass, Add	*26.88*	
		For Low-E Insulated Glass, Add	*56.01*	
		For Obscure Glass, Add	*61.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	355.07	60.59
		For Colored Vinyl, Add	*23.39*	
		For Tinted Glass, Add	*28.07*	
		For Low-E Insulated Glass, Add	*58.47*	
		For Obscure Glass, Add	*64.32*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	377.06	64.32
		For Colored Vinyl, Add	*24.84*	
		For Tinted Glass, Add	*29.81*	
		For Low-E Insulated Glass, Add	*62.10*	
		For Obscure Glass, Add	*68.31*	

08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.35	55.93
		For Colored Vinyl, Add	*21.25*	
		For Tinted Glass, Add	*25.50*	
		For Low-E Insulated Glass, Add	*53.12*	
		For Obscure Glass, Add	*58.43*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	334.47	57.80
		For Colored Vinyl, Add	*21.89*	
		For Tinted Glass, Add	*26.27*	
		For Low-E Insulated Glass, Add	*54.72*	
		For Obscure Glass, Add	*60.19*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.06	58.73
		For Colored Vinyl, Add	*22.36*	
		For Tinted Glass, Add	*26.83*	
		For Low-E Insulated Glass, Add	*55.90*	
		For Obscure Glass, Add	*61.49*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	345.71	59.66
		For Colored Vinyl, Add	*22.64*	
		For Tinted Glass, Add	*27.17*	
		For Low-E Insulated Glass, Add	*56.60*	
		For Obscure Glass, Add	*62.26*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	359.43	61.53
		For Colored Vinyl, Add	*23.64*	
		For Tinted Glass, Add	*28.37*	
		For Low-E Insulated Glass, Add	*59.10*	
		For Obscure Glass, Add	*65.00*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	381.98	65.26
		For Colored Vinyl, Add	*25.15*	
		For Tinted Glass, Add	*30.18*	
		For Low-E Insulated Glass, Add	*62.87*	
		For Obscure Glass, Add	*69.15*	

08 53 13 00-0181 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	332.58	57.80
		For Colored Vinyl, Add	*21.70*	
		For Tinted Glass, Add	*26.04*	
		For Low-E Insulated Glass, Add	*54.25*	
		For Obscure Glass, Add	*59.67*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	342.71	59.66
		For Colored Vinyl, Add	*22.34*	
		For Tinted Glass, Add	*26.81*	
		For Low-E Insulated Glass, Add	*55.85*	
		For Obscure Glass, Add	*61.43*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	349.53	60.59
		For Colored Vinyl, Add	*22.83*	
		For Tinted Glass, Add	*27.40*	
		For Low-E Insulated Glass, Add	*57.09*	
		For Obscure Glass, Add	*62.79*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.18	61.53
		For Colored Vinyl, Add	*23.11*	
		For Tinted Glass, Add	*27.74*	
		For Low-E Insulated Glass, Add	*57.78*	
		For Obscure Glass, Add	*63.56*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	368.25	63.39
		For Colored Vinyl, Add	*24.15*	
		For Tinted Glass, Add	*28.98*	
		For Low-E Insulated Glass, Add	*60.37*	
		For Obscure Glass, Add	*66.40*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	391.55	67.12
		For Colored Vinyl, Add	*25.73*	
		For Tinted Glass, Add	*30.88*	
		For Low-E Insulated Glass, Add	*64.33*	
		For Obscure Glass, Add	*70.76*	

08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	344.94	60.59
		For Colored Vinyl, Add	*22.38*	
		For Tinted Glass, Add	*26.85*	
		For Low-E Insulated Glass, Add	*55.94*	
		For Obscure Glass, Add	*61.53*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	355.06	62.46
		For Colored Vinyl, Add	*23.01*	
		For Tinted Glass, Add	*27.62*	
		For Low-E Insulated Glass, Add	*57.54*	
		For Obscure Glass, Add	*63.29*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	361.88	63.39
		For Colored Vinyl, Add	*23.51*	
		For Tinted Glass, Add	*28.21*	
		For Low-E Insulated Glass, Add	*58.77*	
		For Obscure Glass, Add	*64.65*	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	366.53	64.32
		For Colored Vinyl, Add	*23.79*	
		For Tinted Glass, Add	*28.55*	
		For Low-E Insulated Glass, Add	*59.47*	
		For Obscure Glass, Add	*65.42*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	380.58	66.19
		For Colored Vinyl, Add	*24.82*	
		For Tinted Glass, Add	*29.79*	
		For Low-E Insulated Glass, Add	*62.05*	
		For Obscure Glass, Add	*68.26*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	403.89	69.92
		For Colored Vinyl, Add	*26.41*	
		For Tinted Glass, Add	*31.69*	
		For Low-E Insulated Glass, Add	*66.02*	
		For Obscure Glass, Add	*72.62*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	327.90	48.94
		For Colored Vinyl, Add	*23.00*	
		For Tinted Glass, Add	*27.60*	
		For Low-E Insulated Glass, Add	*57.50*	
		For Obscure Glass, Add	*63.25*	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	361.25	53.60
		For Colored Vinyl, Add	*25.41*	
		For Tinted Glass, Add	*30.49*	
		For Low-E Insulated Glass, Add	*63.51*	
		For Obscure Glass, Add	*69.86*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	392.81	58.26
		For Colored Vinyl, Add	*27.63*	
		For Tinted Glass, Add	*33.15*	
		For Low-E Insulated Glass, Add	*69.07*	
		For Obscure Glass, Add	*75.98*	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	416.81	62.93
		For Colored Vinyl, Add	*29.10*	
		For Tinted Glass, Add	*34.92*	
		For Low-E Insulated Glass, Add	*72.74*	
		For Obscure Glass, Add	*80.01*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	442.15	67.59
		For Colored Vinyl, Add	*30.70*	
		For Tinted Glass, Add	*36.84*	
		For Low-E Insulated Glass, Add	*76.75*	
		For Obscure Glass, Add	*84.42*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	479.38	72.25
		For Colored Vinyl, Add	*33.49*	
		For Tinted Glass, Add	*40.19*	
		For Low-E Insulated Glass, Add	*83.72*	
		For Obscure Glass, Add	*92.09*	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	4.00	0.60
		For Colored Vinyl, Add	*0.28*	
		For Tinted Glass, Add	*0.33*	
		For Low-E Insulated Glass, Add	*0.70*	
		For Obscure Glass, Add	*0.77*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	243.23	35.42
		For Colored Vinyl, Add	*17.33*	
		For Tinted Glass, Add	*20.80*	
		For Low-E Insulated Glass, Add	*43.33*	
		For Obscure Glass, Add	*47.66*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	251.88	36.36
		For Colored Vinyl, Add	*17.92*	
		For Tinted Glass, Add	*21.50*	
		For Low-E Insulated Glass, Add	*44.79*	
		For Obscure Glass, Add	*49.27*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	261.46	38.23
		For Colored Vinyl, Add	*18.50*	
		For Tinted Glass, Add	*22.20*	
		For Low-E Insulated Glass, Add	*46.26*	
		For Obscure Glass, Add	*50.88*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	277.48	40.08
		For Colored Vinyl, Add	*19.73*	
		For Tinted Glass, Add	*23.68*	
		For Low-E Insulated Glass, Add	*49.33*	
		For Obscure Glass, Add	*54.26*	
08 53 13 00-0211		28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	257.86	37.29
		For Colored Vinyl, Add	*18.42*	
		For Tinted Glass, Add	*22.11*	
		For Low-E Insulated Glass, Add	*46.05*	
		For Obscure Glass, Add	*50.66*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	267.16	38.23
		For Colored Vinyl, Add	*19.07*	
		For Tinted Glass, Add	*22.89*	
		For Low-E Insulated Glass, Add	*47.68*	
		For Obscure Glass, Add	*52.45*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	277.39	40.08
		For Colored Vinyl, Add	*19.72*	
		For Tinted Glass, Add	*23.67*	
		For Low-E Insulated Glass, Add	*49.31*	
		For Obscure Glass, Add	*54.24*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	294.21	41.95
		For Colored Vinyl, Add	*21.03*	
		For Tinted Glass, Add	*25.24*	
		For Low-E Insulated Glass, Add	*52.58*	
		For Obscure Glass, Add	*57.84*	
08 53 13 00-0216		36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	276.08	40.08
		For Colored Vinyl, Add	*19.59*	
		For Tinted Glass, Add	*23.51*	
		For Low-E Insulated Glass, Add	*48.98*	
		For Obscure Glass, Add	*53.88*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	285.71	41.95
		For Colored Vinyl, Add	*20.28*	
		For Tinted Glass, Add	*24.33*	
		For Low-E Insulated Glass, Add	*50.69*	
		For Obscure Glass, Add	*55.76*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	296.31	43.35
		For Colored Vinyl, Add	*20.96*	
		For Tinted Glass, Add	*25.15*	
		For Low-E Insulated Glass, Add	*52.40*	
		For Obscure Glass, Add	*57.64*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	313.76	45.21
		For Colored Vinyl, Add	*22.33*	
		For Tinted Glass, Add	*26.80*	
		For Low-E Insulated Glass, Add	*55.83*	
		For Obscure Glass, Add	*61.42*	
08 53 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	292.03	42.88
		For Colored Vinyl, Add	*20.72*	
		For Tinted Glass, Add	*24.86*	
		For Low-E Insulated Glass, Add	*51.80*	
		For Obscure Glass, Add	*56.98*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	302.14	43.81
		For Colored Vinyl, Add	*21.45*	
		For Tinted Glass, Add	*25.74*	
		For Low-E Insulated Glass, Add	*53.63*	
		For Obscure Glass, Add	*58.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	313.17	45.68
		For Colored Vinyl, Add	*22.18*	
		For Tinted Glass, Add	*26.62*	
		For Low-E Insulated Glass, Add	*55.46*	
		For Obscure Glass, Add	*61.00*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	331.92	47.54
		For Colored Vinyl, Add	*23.68*	
		For Tinted Glass, Add	*28.42*	
		For Low-E Insulated Glass, Add	*59.21*	
		For Obscure Glass, Add	*65.13*	
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	310.89	46.61
		For Colored Vinyl, Add	*21.86*	
		For Tinted Glass, Add	*26.23*	
		For Low-E Insulated Glass, Add	*54.65*	
		For Obscure Glass, Add	*60.12*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	321.38	47.54
		For Colored Vinyl, Add	*22.63*	
		For Tinted Glass, Add	*27.16*	
		For Low-E Insulated Glass, Add	*56.58*	
		For Obscure Glass, Add	*62.23*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	332.85	49.41
		For Colored Vinyl, Add	*23.40*	
		For Tinted Glass, Add	*28.08*	
		For Low-E Insulated Glass, Add	*58.51*	
		For Obscure Glass, Add	*64.36*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	353.30	51.27
		For Colored Vinyl, Add	*25.08*	
		For Tinted Glass, Add	*30.09*	
		For Low-E Insulated Glass, Add	*62.69*	
		For Obscure Glass, Add	*68.96*	
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	325.96	48.48
		For Colored Vinyl, Add	*22.99*	
		For Tinted Glass, Add	*27.59*	
		For Low-E Insulated Glass, Add	*57.49*	
		For Obscure Glass, Add	*63.23*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	337.01	49.41
		For Colored Vinyl, Add	*23.82*	
		For Tinted Glass, Add	*28.58*	
		For Low-E Insulated Glass, Add	*59.55*	
		For Obscure Glass, Add	*65.50*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	348.96	51.27
		For Colored Vinyl, Add	*24.64*	
		For Tinted Glass, Add	*29.57*	
		For Low-E Insulated Glass, Add	*61.60*	
		For Obscure Glass, Add	*67.76*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	369.74	53.14
		For Colored Vinyl, Add	*26.35*	
		For Tinted Glass, Add	*31.62*	
		For Low-E Insulated Glass, Add	*65.87*	
		For Obscure Glass, Add	*72.45*	
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	343.83	51.27
		For Colored Vinyl, Add	*24.13*	
		For Tinted Glass, Add	*28.95*	
		For Low-E Insulated Glass, Add	*60.32*	
		For Obscure Glass, Add	*66.35*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	355.39	53.14
		For Colored Vinyl, Add	*25.01*	
		For Tinted Glass, Add	*30.01*	
		For Low-E Insulated Glass, Add	*62.51*	
		For Obscure Glass, Add	*68.76*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	367.89	54.54
		For Colored Vinyl, Add	*25.88*	
		For Tinted Glass, Add	*31.06*	
		For Low-E Insulated Glass, Add	*64.71*	
		For Obscure Glass, Add	*71.18*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	388.98	56.40
		For Colored Vinyl, Add	*27.62*	
		For Tinted Glass, Add	*33.14*	
		For Low-E Insulated Glass, Add	*69.05*	
		For Obscure Glass, Add	*75.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	359.56	54.07
		For Colored Vinyl, Add	*25.24*	
		For Tinted Glass, Add	*30.28*	
		For Low-E Insulated Glass, Add	*63.09*	
		For Obscure Glass, Add	*69.40*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	371.39	55.00
		For Colored Vinyl, Add	*26.14*	
		For Tinted Glass, Add	*31.37*	
		For Low-E Insulated Glass, Add	*65.35*	
		For Obscure Glass, Add	*71.88*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	384.61	56.87
		For Colored Vinyl, Add	*27.09*	
		For Tinted Glass, Add	*32.51*	
		For Low-E Insulated Glass, Add	*67.72*	
		For Obscure Glass, Add	*74.49*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	405.25	58.73
		For Colored Vinyl, Add	*28.78*	
		For Tinted Glass, Add	*34.53*	
		For Low-E Insulated Glass, Add	*71.95*	
		For Obscure Glass, Add	*79.14*	
08 53 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	379.17	56.87
		For Colored Vinyl, Add	*26.54*	
		For Tinted Glass, Add	*31.85*	
		For Low-E Insulated Glass, Add	*66.36*	
		For Obscure Glass, Add	*73.00*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	391.57	58.73
		For Colored Vinyl, Add	*27.50*	
		For Tinted Glass, Add	*33.00*	
		For Low-E Insulated Glass, Add	*68.76*	
		For Obscure Glass, Add	*75.64*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	404.28	60.13
		For Colored Vinyl, Add	*28.40*	
		For Tinted Glass, Add	*34.08*	
		For Low-E Insulated Glass, Add	*71.01*	
		For Obscure Glass, Add	*78.11*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	424.68	61.99
		For Colored Vinyl, Add	*30.07*	
		For Tinted Glass, Add	*36.08*	
		For Low-E Insulated Glass, Add	*75.18*	
		For Obscure Glass, Add	*82.69*	
08 53 13 00-0251		Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	471.36	47.54
		For Colored Vinyl, Add	*37.63*	
		For Tinted Glass, Add	*45.15*	
		For Low-E Insulated Glass, Add	*94.07*	
		For Obscure Glass, Add	*103.48*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	489.70	51.27
		For Colored Vinyl, Add	*38.81*	
		For Tinted Glass, Add	*46.57*	
		For Low-E Insulated Glass, Add	*97.02*	
		For Obscure Glass, Add	*106.72*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	508.99	55.00
		For Colored Vinyl, Add	*39.99*	
		For Tinted Glass, Add	*47.99*	
		For Low-E Insulated Glass, Add	*99.98*	
		For Obscure Glass, Add	*109.98*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	530.48	58.26
		For Colored Vinyl, Add	*41.40*	
		For Tinted Glass, Add	*49.67*	
		For Low-E Insulated Glass, Add	*103.49*	
		For Obscure Glass, Add	*113.84*	
08 53 13 00-0257		40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	498.78	49.87
		For Colored Vinyl, Add	*39.90*	
		For Tinted Glass, Add	*47.88*	
		For Low-E Insulated Glass, Add	*99.76*	
		For Obscure Glass, Add	*109.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	518.10	53.14
		For Colored Vinyl, Add	*41.18*	
		For Tinted Glass, Add	*49.42*	
		For Low-E Insulated Glass, Add	*102.96*	
		For Obscure Glass, Add	*113.25*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	538.36	56.87
		For Colored Vinyl, Add	*42.46*	
		For Tinted Glass, Add	*50.96*	
		For Low-E Insulated Glass, Add	*106.16*	
		For Obscure Glass, Add	*116.77*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	559.25	60.59
		For Colored Vinyl, Add	*43.81*	
		For Tinted Glass, Add	*52.57*	
		For Low-E Insulated Glass, Add	*109.52*	
		For Obscure Glass, Add	*120.47*	

08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	529.45	53.60
		For Colored Vinyl, Add	*42.23*	
		For Tinted Glass, Add	*50.67*	
		For Low-E Insulated Glass, Add	*105.56*	
		For Obscure Glass, Add	*116.12*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	549.46	56.87
		For Colored Vinyl, Add	*43.57*	
		For Tinted Glass, Add	*52.29*	
		For Low-E Insulated Glass, Add	*108.93*	
		For Obscure Glass, Add	*119.83*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	570.43	60.59
		For Colored Vinyl, Add	*44.92*	
		For Tinted Glass, Add	*53.91*	
		For Low-E Insulated Glass, Add	*112.31*	
		For Obscure Glass, Add	*123.54*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	592.96	64.32
		For Colored Vinyl, Add	*46.43*	
		For Tinted Glass, Add	*55.72*	
		For Low-E Insulated Glass, Add	*116.08*	
		For Obscure Glass, Add	*127.69*	

08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	556.33	55.47
		For Colored Vinyl, Add	*44.54*	
		For Tinted Glass, Add	*53.45*	
		For Low-E Insulated Glass, Add	*111.35*	
		For Obscure Glass, Add	*122.49*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	577.28	58.73
		For Colored Vinyl, Add	*45.98*	
		For Tinted Glass, Add	*55.18*	
		For Low-E Insulated Glass, Add	*114.96*	
		For Obscure Glass, Add	*126.45*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	599.17	62.46
		For Colored Vinyl, Add	*47.43*	
		For Tinted Glass, Add	*56.91*	
		For Low-E Insulated Glass, Add	*118.56*	
		For Obscure Glass, Add	*130.42*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	622.01	66.19
		For Colored Vinyl, Add	*48.96*	
		For Tinted Glass, Add	*58.76*	
		For Low-E Insulated Glass, Add	*122.41*	
		For Obscure Glass, Add	*134.65*	

08 53 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	586.02	58.73
		For Colored Vinyl, Add	*46.86*	
		For Tinted Glass, Add	*56.23*	
		For Low-E Insulated Glass, Add	*117.14*	
		For Obscure Glass, Add	*128.85*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	607.90	62.46
		For Colored Vinyl, Add	*48.39*	
		For Tinted Glass, Add	*58.07*	
		For Low-E Insulated Glass, Add	*120.98*	
		For Obscure Glass, Add	*133.08*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	630.70	66.19
		For Colored Vinyl, Add	*49.93*	
		For Tinted Glass, Add	*59.91*	
		For Low-E Insulated Glass, Add	*124.82*	
		For Obscure Glass, Add	*137.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	653.87	69.45
		For Colored Vinyl, Add	*51.50*	
		For Tinted Glass, Add	*61.80*	
		For Low-E Insulated Glass, Add	*128.74*	
		For Obscure Glass, Add	*141.61*	
08 53 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	614.59	61.06
		For Colored Vinyl, Add	*49.25*	
		For Tinted Glass, Add	*59.10*	
		For Low-E Insulated Glass, Add	*123.12*	
		For Obscure Glass, Add	*135.43*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	636.48	64.32
		For Colored Vinyl, Add	*50.78*	
		For Tinted Glass, Add	*60.94*	
		For Low-E Insulated Glass, Add	*126.96*	
		For Obscure Glass, Add	*139.65*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	659.19	68.05
		For Colored Vinyl, Add	*52.31*	
		For Tinted Glass, Add	*62.77*	
		For Low-E Insulated Glass, Add	*130.77*	
		For Obscure Glass, Add	*143.85*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	682.43	71.78
		For Colored Vinyl, Add	*53.89*	
		For Tinted Glass, Add	*64.66*	
		For Low-E Insulated Glass, Add	*134.72*	
		For Obscure Glass, Add	*148.19*	
08 53 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	646.58	64.32
		For Colored Vinyl, Add	*51.79*	
		For Tinted Glass, Add	*62.15*	
		For Low-E Insulated Glass, Add	*129.48*	
		For Obscure Glass, Add	*142.43*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	668.45	68.05
		For Colored Vinyl, Add	*53.33*	
		For Tinted Glass, Add	*63.99*	
		For Low-E Insulated Glass, Add	*133.32*	
		For Obscure Glass, Add	*146.65*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	691.27	71.78
		For Colored Vinyl, Add	*54.86*	
		For Tinted Glass, Add	*65.84*	
		For Low-E Insulated Glass, Add	*137.16*	
		For Obscure Glass, Add	*150.88*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	714.43	75.04
		For Colored Vinyl, Add	*56.43*	
		For Tinted Glass, Add	*67.72*	
		For Low-E Insulated Glass, Add	*141.09*	
		For Obscure Glass, Add	*155.19*	
08 53 13 00-0287		Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0288		36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	583.25	60.59
		For Colored Vinyl, Add	*46.21*	
		For Tinted Glass, Add	*55.45*	
		For Low-E Insulated Glass, Add	*115.52*	
		For Obscure Glass, Add	*127.07*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	612.03	65.26
		For Colored Vinyl, Add	*48.15*	
		For Tinted Glass, Add	*57.78*	
		For Low-E Insulated Glass, Add	*120.38*	
		For Obscure Glass, Add	*132.42*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	662.63	72.25
		For Colored Vinyl, Add	*51.81*	
		For Tinted Glass, Add	*62.18*	
		For Low-E Insulated Glass, Add	*129.54*	
		For Obscure Glass, Add	*142.49*	
08 53 13 00-0292		40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	620.37	63.39
		For Colored Vinyl, Add	*49.45*	
		For Tinted Glass, Add	*59.34*	
		For Low-E Insulated Glass, Add	*123.63*	
		For Obscure Glass, Add	*135.99*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	649.35	67.59
		For Colored Vinyl, Add	*51.42*	
		For Tinted Glass, Add	*61.70*	
		For Low-E Insulated Glass, Add	*128.55*	
		For Obscure Glass, Add	*141.40*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	702.59	74.58
		For Colored Vinyl, Add	*55.34*	
		For Tinted Glass, Add	*66.41*	
		For Low-E Insulated Glass, Add	*138.36*	
		For Obscure Glass, Add	*152.19*	
08 53 13 00-0296		48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	656.58	67.12
		For Colored Vinyl, Add	*52.23*	
		For Tinted Glass, Add	*62.68*	
		For Low-E Insulated Glass, Add	*130.59*	
		For Obscure Glass, Add	*143.64*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	689.94	71.32
		For Colored Vinyl, Add	*54.73*	
		For Tinted Glass, Add	*65.68*	
		For Low-E Insulated Glass, Add	*136.83*	
		For Obscure Glass, Add	*150.51*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	745.42	78.31
		For Colored Vinyl, Add	*58.88*	
		For Tinted Glass, Add	*70.66*	
		For Low-E Insulated Glass, Add	*147.20*	
		For Obscure Glass, Add	*161.92*	
08 53 13 00-0300		52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	691.65	68.99
		For Colored Vinyl, Add	*55.37*	
		For Tinted Glass, Add	*66.44*	
		For Low-E Insulated Glass, Add	*138.42*	
		For Obscure Glass, Add	*152.26*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	727.31	73.65
		For Colored Vinyl, Add	*58.00*	
		For Tinted Glass, Add	*69.60*	
		For Low-E Insulated Glass, Add	*145.01*	
		For Obscure Glass, Add	*159.51*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	789.73	80.17
		For Colored Vinyl, Add	*62.94*	
		For Tinted Glass, Add	*75.53*	
		For Low-E Insulated Glass, Add	*157.35*	
		For Obscure Glass, Add	*173.08*	
08 53 13 00-0304		60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	729.50	72.25
		For Colored Vinyl, Add	*58.50*	
		For Tinted Glass, Add	*70.20*	
		For Low-E Insulated Glass, Add	*146.25*	
		For Obscure Glass, Add	*160.88*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	766.54	76.90
		For Colored Vinyl, Add	*61.27*	
		For Tinted Glass, Add	*73.53*	
		For Low-E Insulated Glass, Add	*153.18*	
		For Obscure Glass, Add	*168.50*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	836.85	83.44
		For Colored Vinyl, Add	*67.00*	
		For Tinted Glass, Add	*80.40*	
		For Low-E Insulated Glass, Add	*167.50*	
		For Obscure Glass, Add	*184.24*	
08 53 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	769.57	74.58
		For Colored Vinyl, Add	*62.04*	
		For Tinted Glass, Add	*74.45*	
		For Low-E Insulated Glass, Add	*155.10*	
		For Obscure Glass, Add	*170.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	806.58	79.24
		For Colored Vinyl, Add	*64.81*	
		For Tinted Glass, Add	*77.77*	
		For Low-E Insulated Glass, Add	*162.03*	
		For Obscure Glass, Add	*178.23*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	876.88	85.77
		For Colored Vinyl, Add	*70.54*	
		For Tinted Glass, Add	*84.64*	
		For Low-E Insulated Glass, Add	*176.34*	
		For Obscure Glass, Add	*193.97*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	811.56	77.84
		For Colored Vinyl, Add	*65.59*	
		For Tinted Glass, Add	*78.71*	
		For Low-E Insulated Glass, Add	*163.97*	
		For Obscure Glass, Add	*180.37*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	848.57	82.50
		For Colored Vinyl, Add	*68.36*	
		For Tinted Glass, Add	*82.03*	
		For Low-E Insulated Glass, Add	*170.89*	
		For Obscure Glass, Add	*187.98*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	918.89	89.02
		For Colored Vinyl, Add	*74.08*	
		For Tinted Glass, Add	*88.90*	
		For Low-E Insulated Glass, Add	*185.21*	
		For Obscure Glass, Add	*203.73*	

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	308.26	39.62
		For Colored Vinyl, Add	*22.90*	
		For Tinted Glass, Add	*27.48*	
		For Low-E Insulated Glass, Add	*57.26*	
		For Obscure Glass, Add	*62.98*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	349.45	44.29
		For Colored Vinyl, Add	*26.09*	
		For Tinted Glass, Add	*31.31*	
		For Low-E Insulated Glass, Add	*65.22*	
		For Obscure Glass, Add	*71.74*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	387.05	48.94
		For Colored Vinyl, Add	*28.92*	
		For Tinted Glass, Add	*34.70*	
		For Low-E Insulated Glass, Add	*72.29*	
		For Obscure Glass, Add	*79.52*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	421.02	53.60
		For Colored Vinyl, Add	*31.38*	
		For Tinted Glass, Add	*37.66*	
		For Low-E Insulated Glass, Add	*78.46*	
		For Obscure Glass, Add	*86.30*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	451.42	58.26
		For Colored Vinyl, Add	*33.49*	
		For Tinted Glass, Add	*40.19*	
		For Low-E Insulated Glass, Add	*83.72*	
		For Obscure Glass, Add	*92.09*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	471.36	62.93
		For Colored Vinyl, Add	*34.55*	
		For Tinted Glass, Add	*41.46*	
		For Low-E Insulated Glass, Add	*86.38*	
		For Obscure Glass, Add	*95.02*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	4.63	0.60
		For Colored Vinyl, Add	*0.34*	
		For Tinted Glass, Add	*0.41*	
		For Low-E Insulated Glass, Add	*0.86*	
		For Obscure Glass, Add	*0.94*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	498.77	48.94
		For Colored Vinyl, Add	*40.09*	
		For Tinted Glass, Add	*48.11*	
		For Low-E Insulated Glass, Add	*100.22*	
		For Obscure Glass, Add	*110.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	548.05	53.60
		For Colored Vinyl, Add	*44.09*	
		For Tinted Glass, Add	*52.90*	
		For Low-E Insulated Glass, Add	*110.21*	
		For Obscure Glass, Add	*121.23*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	593.75	58.26
		For Colored Vinyl, Add	*47.72*	
		For Tinted Glass, Add	*57.27*	
		For Low-E Insulated Glass, Add	*119.31*	
		For Obscure Glass, Add	*131.24*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	625.93	62.93
		For Colored Vinyl, Add	*50.01*	
		For Tinted Glass, Add	*60.01*	
		For Low-E Insulated Glass, Add	*125.02*	
		For Obscure Glass, Add	*137.52*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	660.01	67.59
		For Colored Vinyl, Add	*52.48*	
		For Tinted Glass, Add	*62.98*	
		For Low-E Insulated Glass, Add	*131.21*	
		For Obscure Glass, Add	*144.33*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	695.44	72.25
		For Colored Vinyl, Add	*55.10*	
		For Tinted Glass, Add	*66.11*	
		For Low-E Insulated Glass, Add	*137.74*	
		For Obscure Glass, Add	*151.51*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	5.80	0.60
		For Colored Vinyl, Add	*0.46*	
		For Tinted Glass, Add	*0.55*	
		For Low-E Insulated Glass, Add	*1.15*	
		For Obscure Glass, Add	*1.26*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	518.48	48.94
		For Colored Vinyl, Add	*42.06*	
		For Tinted Glass, Add	*50.47*	
		For Low-E Insulated Glass, Add	*105.15*	
		For Obscure Glass, Add	*115.66*	
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	569.92	53.60
		For Colored Vinyl, Add	*46.27*	
		For Tinted Glass, Add	*55.53*	
		For Low-E Insulated Glass, Add	*115.68*	
		For Obscure Glass, Add	*127.25*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	618.86	58.26
		For Colored Vinyl, Add	*50.23*	
		For Tinted Glass, Add	*60.28*	
		For Low-E Insulated Glass, Add	*125.58*	
		For Obscure Glass, Add	*138.14*	
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	653.21	62.93
		For Colored Vinyl, Add	*52.74*	
		For Tinted Glass, Add	*63.28*	
		For Low-E Insulated Glass, Add	*131.84*	
		For Obscure Glass, Add	*145.02*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	689.72	67.59
		For Colored Vinyl, Add	*55.46*	
		For Tinted Glass, Add	*66.55*	
		For Low-E Insulated Glass, Add	*138.64*	
		For Obscure Glass, Add	*152.50*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	727.85	72.25
		For Colored Vinyl, Add	*58.34*	
		For Tinted Glass, Add	*70.00*	
		For Low-E Insulated Glass, Add	*145.84*	
		For Obscure Glass, Add	*160.42*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	6.07	0.60
		For Colored Vinyl, Add	*0.49*	
		For Tinted Glass, Add	*0.58*	
		For Low-E Insulated Glass, Add	*1.22*	
		For Obscure Glass, Add	*1.34*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	309.01	38.23
		For Colored Vinyl, Add	*23.26*	
		For Tinted Glass, Add	*27.91*	
		For Low-E Insulated Glass, Add	*58.14*	
		For Obscure Glass, Add	*63.96*	
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	323.54	40.08
		For Colored Vinyl, Add	*24.34*	
		For Tinted Glass, Add	*29.20*	
		For Low-E Insulated Glass, Add	*60.84*	
		For Obscure Glass, Add	*66.93*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	346.28	43.35
		For Colored Vinyl, Add	*25.96*	
		For Tinted Glass, Add	*31.15*	
		For Low-E Insulated Glass, Add	*64.90*	
		For Obscure Glass, Add	*71.39*	
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	361.12	45.68
		For Colored Vinyl, Add	*26.98*	
		For Tinted Glass, Add	*32.37*	
		For Low-E Insulated Glass, Add	*67.44*	
		For Obscure Glass, Add	*74.19*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	385.40	49.41
		For Colored Vinyl, Add	*28.66*	
		For Tinted Glass, Add	*34.39*	
		For Low-E Insulated Glass, Add	*71.65*	
		For Obscure Glass, Add	*78.81*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	325.31	40.08
		For Colored Vinyl, Add	*24.61*	
		For Tinted Glass, Add	*29.53*	
		For Low-E Insulated Glass, Add	*61.52*	
		For Obscure Glass, Add	*67.67*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	339.83	41.95
		For Colored Vinyl, Add	*25.69*	
		For Tinted Glass, Add	*30.82*	
		For Low-E Insulated Glass, Add	*64.22*	
		For Obscure Glass, Add	*70.64*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	364.07	44.75
		For Colored Vinyl, Add	*27.46*	
		For Tinted Glass, Add	*32.95*	
		For Low-E Insulated Glass, Add	*68.64*	
		For Obscure Glass, Add	*75.51*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	378.94	47.54
		For Colored Vinyl, Add	*28.48*	
		For Tinted Glass, Add	*34.17*	
		For Low-E Insulated Glass, Add	*71.20*	
		For Obscure Glass, Add	*78.31*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	404.68	50.81
		For Colored Vinyl, Add	*30.31*	
		For Tinted Glass, Add	*36.37*	
		For Low-E Insulated Glass, Add	*75.77*	
		For Obscure Glass, Add	*83.34*	

08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	336.52	41.95
		For Colored Vinyl, Add	*25.36*	
		For Tinted Glass, Add	*30.43*	
		For Low-E Insulated Glass, Add	*63.39*	
		For Obscure Glass, Add	*69.73*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	351.06	43.81
		For Colored Vinyl, Add	*26.44*	
		For Tinted Glass, Add	*31.72*	
		For Low-E Insulated Glass, Add	*66.09*	
		For Obscure Glass, Add	*72.70*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	376.04	46.61
		For Colored Vinyl, Add	*28.28*	
		For Tinted Glass, Add	*33.94*	
		For Low-E Insulated Glass, Add	*70.71*	
		For Obscure Glass, Add	*77.78*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	392.12	49.41
		For Colored Vinyl, Add	*29.42*	
		For Tinted Glass, Add	*35.31*	
		For Low-E Insulated Glass, Add	*73.56*	
		For Obscure Glass, Add	*80.91*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	418.17	52.67
		For Colored Vinyl, Add	*31.28*	
		For Tinted Glass, Add	*37.54*	
		For Low-E Insulated Glass, Add	*78.21*	
		For Obscure Glass, Add	*86.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0362		28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	347.77	43.81
		For Colored Vinyl, Add	*26.11*	
		For Tinted Glass, Add	*31.33*	
		For Low-E Insulated Glass, Add	*65.27*	
		For Obscure Glass, Add	*71.79*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	362.30	45.68
		For Colored Vinyl, Add	*27.19*	
		For Tinted Glass, Add	*32.62*	
		For Low-E Insulated Glass, Add	*67.97*	
		For Obscure Glass, Add	*74.76*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	388.03	48.48
		For Colored Vinyl, Add	*29.11*	
		For Tinted Glass, Add	*34.93*	
		For Low-E Insulated Glass, Add	*72.77*	
		For Obscure Glass, Add	*80.05*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	405.22	51.27
		For Colored Vinyl, Add	*30.36*	
		For Tinted Glass, Add	*36.43*	
		For Low-E Insulated Glass, Add	*75.90*	
		For Obscure Glass, Add	*83.49*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	431.66	54.54
		For Colored Vinyl, Add	*32.26*	
		For Tinted Glass, Add	*38.71*	
		For Low-E Insulated Glass, Add	*80.65*	
		For Obscure Glass, Add	*88.71*	
08 53 13 00-0368		36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	411.05	51.74
		For Colored Vinyl, Add	*30.76*	
		For Tinted Glass, Add	*36.91*	
		For Low-E Insulated Glass, Add	*76.90*	
		For Obscure Glass, Add	*84.58*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	428.27	54.07
		For Colored Vinyl, Add	*32.01*	
		For Tinted Glass, Add	*38.42*	
		For Low-E Insulated Glass, Add	*80.03*	
		For Obscure Glass, Add	*88.04*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	456.19	57.80
		For Colored Vinyl, Add	*34.06*	
		For Tinted Glass, Add	*40.87*	
		For Low-E Insulated Glass, Add	*85.15*	
		For Obscure Glass, Add	*93.67*	
08 53 13 00-0372		Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	322.57	39.62
		For Colored Vinyl, Add	*24.33*	
		For Tinted Glass, Add	*29.20*	
		For Low-E Insulated Glass, Add	*60.83*	
		For Obscure Glass, Add	*66.92*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	372.14	44.29
		For Colored Vinyl, Add	*28.36*	
		For Tinted Glass, Add	*34.03*	
		For Low-E Insulated Glass, Add	*70.90*	
		For Obscure Glass, Add	*77.98*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	419.91	48.94
		For Colored Vinyl, Add	*32.20*	
		For Tinted Glass, Add	*38.64*	
		For Low-E Insulated Glass, Add	*80.51*	
		For Obscure Glass, Add	*88.56*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	465.86	53.60
		For Colored Vinyl, Add	*35.87*	
		For Tinted Glass, Add	*43.04*	
		For Low-E Insulated Glass, Add	*89.67*	
		For Obscure Glass, Add	*98.63*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	510.02	58.26
		For Colored Vinyl, Add	*39.35*	
		For Tinted Glass, Add	*47.22*	
		For Low-E Insulated Glass, Add	*98.37*	
		For Obscure Glass, Add	*108.21*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	535.01	62.93
		For Colored Vinyl, Add	*40.92*	
		For Tinted Glass, Add	*49.10*	
		For Low-E Insulated Glass, Add	*102.29*	
		For Obscure Glass, Add	*112.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	5.26	0.60
		For Colored Vinyl, Add	*0.41*	
		For Tinted Glass, Add	*0.49*	
		For Low-E Insulated Glass, Add	*1.01*	
		For Obscure Glass, Add	*1.11*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	199.13	45.68
		For Colored Vinyl, Add	*10.87*	
		For Tinted Glass, Add	*13.04*	
		For Low-E Insulated Glass, Add	*27.18*	
		For Obscure Glass, Add	*29.89*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	220.96	51.27
		For Colored Vinyl, Add	*11.94*	
		For Tinted Glass, Add	*14.32*	
		For Low-E Insulated Glass, Add	*29.84*	
		For Obscure Glass, Add	*32.82*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	231.88	53.60
		For Colored Vinyl, Add	*12.47*	
		For Tinted Glass, Add	*14.96*	
		For Low-E Insulated Glass, Add	*31.17*	
		For Obscure Glass, Add	*34.29*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	242.81	56.40
		For Colored Vinyl, Add	*13.00*	
		For Tinted Glass, Add	*15.60*	
		For Low-E Insulated Glass, Add	*32.50*	
		For Obscure Glass, Add	*35.75*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	250.09	58.73
		For Colored Vinyl, Add	*13.36*	
		For Tinted Glass, Add	*16.03*	
		For Low-E Insulated Glass, Add	*33.39*	
		For Obscure Glass, Add	*36.73*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	264.65	61.99
		For Colored Vinyl, Add	*14.07*	
		For Tinted Glass, Add	*16.88*	
		For Low-E Insulated Glass, Add	*35.17*	
		For Obscure Glass, Add	*38.68*	

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	208.85	47.54
		For Colored Vinyl, Add	*11.47*	
		For Tinted Glass, Add	*13.76*	
		For Low-E Insulated Glass, Add	*28.67*	
		For Obscure Glass, Add	*31.54*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	231.18	53.14
		For Colored Vinyl, Add	*12.58*	
		For Tinted Glass, Add	*15.10*	
		For Low-E Insulated Glass, Add	*31.46*	
		For Obscure Glass, Add	*34.61*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	242.40	55.47
		For Colored Vinyl, Add	*13.15*	
		For Tinted Glass, Add	*15.78*	
		For Low-E Insulated Glass, Add	*32.87*	
		For Obscure Glass, Add	*36.15*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	253.53	58.26
		For Colored Vinyl, Add	*13.70*	
		For Tinted Glass, Add	*16.44*	
		For Low-E Insulated Glass, Add	*34.25*	
		For Obscure Glass, Add	*37.68*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	260.96	60.59
		For Colored Vinyl, Add	*14.07*	
		For Tinted Glass, Add	*16.89*	
		For Low-E Insulated Glass, Add	*35.18*	
		For Obscure Glass, Add	*38.70*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	275.85	63.86
		For Colored Vinyl, Add	*14.81*	
		For Tinted Glass, Add	*17.78*	
		For Low-E Insulated Glass, Add	*37.04*	
		For Obscure Glass, Add	*40.74*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	238.18	53.14
		For Colored Vinyl, Add	*13.28*	
		For Tinted Glass, Add	*15.94*	
		For Low-E Insulated Glass, Add	*33.21*	
		For Obscure Glass, Add	*36.53*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	262.08	58.73
		For Colored Vinyl, Add	*14.56*	
		For Tinted Glass, Add	*17.47*	
		For Low-E Insulated Glass, Add	*36.39*	
		For Obscure Glass, Add	*40.03*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.04	61.06
		For Colored Vinyl, Add	*15.19*	
		For Tinted Glass, Add	*18.23*	
		For Low-E Insulated Glass, Add	*37.98*	
		For Obscure Glass, Add	*41.78*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.99	63.86
		For Colored Vinyl, Add	*15.83*	
		For Tinted Glass, Add	*18.99*	
		For Low-E Insulated Glass, Add	*39.57*	
		For Obscure Glass, Add	*43.53*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	293.97	65.26
		For Colored Vinyl, Add	*16.25*	
		For Tinted Glass, Add	*19.50*	
		For Low-E Insulated Glass, Add	*40.63*	
		For Obscure Glass, Add	*44.70*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	309.92	69.45
		For Colored Vinyl, Add	*17.10*	
		For Tinted Glass, Add	*20.52*	
		For Low-E Insulated Glass, Add	*42.75*	
		For Obscure Glass, Add	*47.03*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	252.84	55.93
		For Colored Vinyl, Add	*14.19*	
		For Tinted Glass, Add	*17.03*	
		For Low-E Insulated Glass, Add	*35.48*	
		For Obscure Glass, Add	*39.03*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.54	61.53
		For Colored Vinyl, Add	*15.54*	
		For Tinted Glass, Add	*18.65*	
		For Low-E Insulated Glass, Add	*38.86*	
		For Obscure Glass, Add	*42.74*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	289.90	63.86
		For Colored Vinyl, Add	*16.22*	
		For Tinted Glass, Add	*19.46*	
		For Low-E Insulated Glass, Add	*40.55*	
		For Obscure Glass, Add	*44.60*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.25	66.65
		For Colored Vinyl, Add	*16.89*	
		For Tinted Glass, Add	*20.27*	
		For Low-E Insulated Glass, Add	*42.24*	
		For Obscure Glass, Add	*46.46*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	310.46	68.99
		For Colored Vinyl, Add	*17.34*	
		For Tinted Glass, Add	*20.81*	
		For Low-E Insulated Glass, Add	*43.36*	
		For Obscure Glass, Add	*47.69*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	326.93	72.25
		For Colored Vinyl, Add	*18.24*	
		For Tinted Glass, Add	*21.89*	
		For Low-E Insulated Glass, Add	*45.61*	
		For Obscure Glass, Add	*50.17*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.74	56.87
		For Colored Vinyl, Add	*14.49*	
		For Tinted Glass, Add	*17.39*	
		For Low-E Insulated Glass, Add	*36.24*	
		For Obscure Glass, Add	*39.86*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	282.69	62.46
		For Colored Vinyl, Add	*15.87*	
		For Tinted Glass, Add	*19.05*	
		For Low-E Insulated Glass, Add	*39.68*	
		For Obscure Glass, Add	*43.65*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.17	64.79
		For Colored Vinyl, Add	*16.56*	
		For Tinted Glass, Add	*19.87*	
		For Low-E Insulated Glass, Add	*41.40*	
		For Obscure Glass, Add	*45.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.66	67.59
		For Colored Vinyl, Add	*17.25*	
		For Tinted Glass, Add	*20.70*	
		For Low-E Insulated Glass, Add	*43.12*	
		For Obscure Glass, Add	*47.43*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	315.99	69.92
		For Colored Vinyl, Add	*17.71*	
		For Tinted Glass, Add	*21.25*	
		For Low-E Insulated Glass, Add	*44.27*	
		For Obscure Glass, Add	*48.70*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	332.60	73.18
		For Colored Vinyl, Add	*18.62*	
		For Tinted Glass, Add	*22.35*	
		For Low-E Insulated Glass, Add	*46.56*	
		For Obscure Glass, Add	*51.22*	
08 53 13 00-0417		46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	262.63	57.80
		For Colored Vinyl, Add	*14.80*	
		For Tinted Glass, Add	*17.76*	
		For Low-E Insulated Glass, Add	*36.99*	
		For Obscure Glass, Add	*40.69*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	287.84	63.39
		For Colored Vinyl, Add	*16.20*	
		For Tinted Glass, Add	*19.44*	
		For Low-E Insulated Glass, Add	*40.50*	
		For Obscure Glass, Add	*44.55*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	300.45	65.72
		For Colored Vinyl, Add	*16.90*	
		For Tinted Glass, Add	*20.28*	
		For Low-E Insulated Glass, Add	*42.25*	
		For Obscure Glass, Add	*46.48*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	313.05	68.52
		For Colored Vinyl, Add	*17.60*	
		For Tinted Glass, Add	*21.12*	
		For Low-E Insulated Glass, Add	*44.00*	
		For Obscure Glass, Add	*48.40*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	321.46	70.84
		For Colored Vinyl, Add	*18.07*	
		For Tinted Glass, Add	*21.68*	
		For Low-E Insulated Glass, Add	*45.18*	
		For Obscure Glass, Add	*49.69*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	338.28	74.11
		For Colored Vinyl, Add	*19.01*	
		For Tinted Glass, Add	*22.81*	
		For Low-E Insulated Glass, Add	*47.52*	
		For Obscure Glass, Add	*52.27*	
08 53 13 00-0424		48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	267.52	58.73
		For Colored Vinyl, Add	*15.10*	
		For Tinted Glass, Add	*18.12*	
		For Low-E Insulated Glass, Add	*37.75*	
		For Obscure Glass, Add	*41.52*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	292.99	64.32
		For Colored Vinyl, Add	*16.53*	
		For Tinted Glass, Add	*19.83*	
		For Low-E Insulated Glass, Add	*41.32*	
		For Obscure Glass, Add	*45.45*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	305.74	66.65
		For Colored Vinyl, Add	*17.24*	
		For Tinted Glass, Add	*20.69*	
		For Low-E Insulated Glass, Add	*43.11*	
		For Obscure Glass, Add	*47.42*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	318.47	69.45
		For Colored Vinyl, Add	*17.96*	
		For Tinted Glass, Add	*21.55*	
		For Low-E Insulated Glass, Add	*44.89*	
		For Obscure Glass, Add	*49.38*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	326.96	71.78
		For Colored Vinyl, Add	*18.43*	
		For Tinted Glass, Add	*22.12*	
		For Low-E Insulated Glass, Add	*46.08*	
		For Obscure Glass, Add	*50.69*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	343.97	75.04
		For Colored Vinyl, Add	*19.39*	
		For Tinted Glass, Add	*23.27*	
		For Low-E Insulated Glass, Add	*48.47*	
		For Obscure Glass, Add	*53.32*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	272.41	59.66
		For Colored Vinyl, Add	*15.40*	
		For Tinted Glass, Add	*18.48*	
		For Low-E Insulated Glass, Add	*38.50*	
		For Obscure Glass, Add	*42.35*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	298.14	65.26
		For Colored Vinyl, Add	*16.86*	
		For Tinted Glass, Add	*20.23*	
		For Low-E Insulated Glass, Add	*42.14*	
		For Obscure Glass, Add	*46.35*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	311.00	67.59
		For Colored Vinyl, Add	*17.58*	
		For Tinted Glass, Add	*21.10*	
		For Low-E Insulated Glass, Add	*43.96*	
		For Obscure Glass, Add	*48.35*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.87	70.38
		For Colored Vinyl, Add	*18.31*	
		For Tinted Glass, Add	*21.97*	
		For Low-E Insulated Glass, Add	*45.78*	
		For Obscure Glass, Add	*50.36*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	332.46	72.71
		For Colored Vinyl, Add	*18.80*	
		For Tinted Glass, Add	*22.56*	
		For Low-E Insulated Glass, Add	*46.99*	
		For Obscure Glass, Add	*51.69*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	349.62	75.98
		For Colored Vinyl, Add	*19.77*	
		For Tinted Glass, Add	*23.72*	
		For Low-E Insulated Glass, Add	*49.42*	
		For Obscure Glass, Add	*54.36*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.29	60.59
		For Colored Vinyl, Add	*15.70*	
		For Tinted Glass, Add	*18.84*	
		For Low-E Insulated Glass, Add	*39.26*	
		For Obscure Glass, Add	*43.19*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	303.30	66.19
		For Colored Vinyl, Add	*17.19*	
		For Tinted Glass, Add	*20.62*	
		For Low-E Insulated Glass, Add	*42.97*	
		For Obscure Glass, Add	*47.26*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	316.30	68.52
		For Colored Vinyl, Add	*17.93*	
		For Tinted Glass, Add	*21.51*	
		For Low-E Insulated Glass, Add	*44.82*	
		For Obscure Glass, Add	*49.30*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	329.30	71.32
		For Colored Vinyl, Add	*18.67*	
		For Tinted Glass, Add	*22.40*	
		For Low-E Insulated Glass, Add	*46.67*	
		For Obscure Glass, Add	*51.33*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	337.97	73.65
		For Colored Vinyl, Add	*19.16*	
		For Tinted Glass, Add	*22.99*	
		For Low-E Insulated Glass, Add	*47.90*	
		For Obscure Glass, Add	*52.69*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	355.31	76.90
		For Colored Vinyl, Add	*20.15*	
		For Tinted Glass, Add	*24.18*	
		For Low-E Insulated Glass, Add	*50.37*	
		For Obscure Glass, Add	*55.41*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	282.18	61.53
		For Colored Vinyl, Add	*16.01*	
		For Tinted Glass, Add	*19.21*	
		For Low-E Insulated Glass, Add	*40.02*	
		For Obscure Glass, Add	*44.02*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	308.44	67.12
		For Colored Vinyl, Add	*17.51*	
		For Tinted Glass, Add	*21.02*	
		For Low-E Insulated Glass, Add	*43.78*	
		For Obscure Glass, Add	*48.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	321.59	69.45
		For Colored Vinyl, Add	*18.27*	
		For Tinted Glass, Add	*21.92*	
		For Low-E Insulated Glass, Add	*45.67*	
		For Obscure Glass, Add	*50.24*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	334.71	72.25
		For Colored Vinyl, Add	*19.02*	
		For Tinted Glass, Add	*22.83*	
		For Low-E Insulated Glass, Add	*47.56*	
		For Obscure Glass, Add	*52.31*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	343.46	74.58
		For Colored Vinyl, Add	*19.52*	
		For Tinted Glass, Add	*23.43*	
		For Low-E Insulated Glass, Add	*48.81*	
		For Obscure Glass, Add	*53.69*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	360.97	77.84
		For Colored Vinyl, Add	*20.53*	
		For Tinted Glass, Add	*24.63*	
		For Low-E Insulated Glass, Add	*51.32*	
		For Obscure Glass, Add	*56.45*	

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	304.82	64.32
		For Colored Vinyl, Add	*17.71*	
		For Tinted Glass, Add	*21.25*	
		For Low-E Insulated Glass, Add	*44.28*	
		For Obscure Glass, Add	*48.71*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.91	69.92
		For Colored Vinyl, Add	*18.50*	
		For Tinted Glass, Add	*22.20*	
		For Low-E Insulated Glass, Add	*46.25*	
		For Obscure Glass, Add	*50.88*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	337.43	72.25
		For Colored Vinyl, Add	*19.29*	
		For Tinted Glass, Add	*23.15*	
		For Low-E Insulated Glass, Add	*48.24*	
		For Obscure Glass, Add	*53.06*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	350.95	75.04
		For Colored Vinyl, Add	*20.09*	
		For Tinted Glass, Add	*24.10*	
		For Low-E Insulated Glass, Add	*50.22*	
		For Obscure Glass, Add	*55.24*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	359.98	77.38
		For Colored Vinyl, Add	*20.62*	
		For Tinted Glass, Add	*24.74*	
		For Low-E Insulated Glass, Add	*51.54*	
		For Obscure Glass, Add	*56.69*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	377.99	80.63
		For Colored Vinyl, Add	*21.67*	
		For Tinted Glass, Add	*26.01*	
		For Low-E Insulated Glass, Add	*54.18*	
		For Obscure Glass, Add	*59.60*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	301.61	48.94
		For Colored Vinyl, Add	*20.37*	
		For Tinted Glass, Add	*24.45*	
		For Low-E Insulated Glass, Add	*50.93*	
		For Obscure Glass, Add	*56.02*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	331.36	53.60
		For Colored Vinyl, Add	*22.42*	
		For Tinted Glass, Add	*26.90*	
		For Low-E Insulated Glass, Add	*56.04*	
		For Obscure Glass, Add	*61.64*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	359.32	58.26
		For Colored Vinyl, Add	*24.28*	
		For Tinted Glass, Add	*29.13*	
		For Low-E Insulated Glass, Add	*60.70*	
		For Obscure Glass, Add	*66.77*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	380.44	62.93
		For Colored Vinyl, Add	*25.46*	
		For Tinted Glass, Add	*30.55*	
		For Low-E Insulated Glass, Add	*63.65*	
		For Obscure Glass, Add	*70.01*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	402.54	67.59
		For Colored Vinyl, Add	*26.74*	
		For Tinted Glass, Add	*32.08*	
		For Low-E Insulated Glass, Add	*66.84*	
		For Obscure Glass, Add	*73.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	436.17	72.25
		For Colored Vinyl, Add	*29.17*	
		For Tinted Glass, Add	*35.00*	
		For Low-E Insulated Glass, Add	*72.92*	
		For Obscure Glass, Add	*80.21*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	3.64	0.60
		For Colored Vinyl, Add	*0.24*	
		For Tinted Glass, Add	*0.29*	
		For Low-E Insulated Glass, Add	*0.61*	
		For Obscure Glass, Add	*0.67*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	182.61	37.29
		For Colored Vinyl, Add	*10.80*	
		For Tinted Glass, Add	*12.96*	
		For Low-E Insulated Glass, Add	*27.01*	
		For Obscure Glass, Add	*29.71*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	195.21	37.29
		For Colored Vinyl, Add	*12.06*	
		For Tinted Glass, Add	*14.48*	
		For Low-E Insulated Glass, Add	*30.16*	
		For Obscure Glass, Add	*33.17*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	202.41	37.29
		For Colored Vinyl, Add	*12.78*	
		For Tinted Glass, Add	*15.34*	
		For Low-E Insulated Glass, Add	*31.96*	
		For Obscure Glass, Add	*35.15*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	225.75	36.36
		For Colored Vinyl, Add	*15.30*	
		For Tinted Glass, Add	*18.36*	
		For Low-E Insulated Glass, Add	*38.26*	
		For Obscure Glass, Add	*42.09*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	252.24	41.95
		For Colored Vinyl, Add	*16.83*	
		For Tinted Glass, Add	*20.20*	
		For Low-E Insulated Glass, Add	*42.09*	
		For Obscure Glass, Add	*46.29*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	4.27	0.60
		For Colored Vinyl, Add	*0.31*	
		For Tinted Glass, Add	*0.37*	
		For Low-E Insulated Glass, Add	*0.77*	
		For Obscure Glass, Add	*0.84*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	25.21
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	32.41
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	41.74
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	49.27
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	60.56

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	57.29	
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	68.75	
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	86.75	
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	108.03	
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	129.31	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	32.88	8.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	42.70	8.25
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	45.97	8.25
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	52.52	8.25
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	67.25	8.25
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	73.80	8.25
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	83.62	8.25
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	90.17	8.25
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	2.70	0.16

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,562.79	610.04
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,034.98	660.88
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,291.36	711.72
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	6,632.36	813.39
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	8,919.84	1,220.09
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 56 Security Window Screens *(08 56)*

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	21.82	4.58
		For Painted Steel, Add	*1.57*	
		For Galvanized Steel, Add	*3.14*	
		For Aluminum, Add	*6.29*	
		For Stainless Steel, Add	*27.51*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	22.27	4.58
		For Painted Steel, Add	*1.62*	
		For Galvanized Steel, Add	*3.23*	
		For Aluminum, Add	*6.47*	
		For Stainless Steel, Add	*28.30*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	24.34	4.58
		For Painted Steel, Add	*1.82*	
		For Galvanized Steel, Add	*3.65*	
		For Aluminum, Add	*7.30*	
		For Stainless Steel, Add	*31.92*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	28.77	4.58
		For Painted Steel, Add	*2.27*	
		For Galvanized Steel, Add	*4.53*	
		For Aluminum, Add	*9.07*	
		For Stainless Steel, Add	*39.67*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	30.52	5.59
		For Painted Steel, Add	*2.24*	
		For Galvanized Steel, Add	*4.48*	
		For Aluminum, Add	*8.96*	
		For Stainless Steel, Add	*39.18*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	31.20	5.59
		For Painted Steel, Add	*2.31*	
		For Galvanized Steel, Add	*4.61*	
		For Aluminum, Add	*9.23*	
		For Stainless Steel, Add	*40.37*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	34.17	5.59
		For Painted Steel, Add	*2.60*	
		For Galvanized Steel, Add	*5.21*	
		For Aluminum, Add	*10.42*	
		For Stainless Steel, Add	*45.57*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	40.39	5.59
		For Painted Steel, Add	*3.23*	
		For Galvanized Steel, Add	*6.45*	
		For Aluminum, Add	*12.90*	
		For Stainless Steel, Add	*56.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0012		**Wire Cloth Security Screen** *(08 56 56)* Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013		**Wire Cloth, Inoperable, Security Window Screens** *(08 56 56 00-0012)*		
08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	14.45	3.05
		For Painted Steel, Add	*0.47*	
		For Galvanized Steel, Add	*1.41*	
		For Aluminum, Add	*2.81*	
		For Stainless Steel, Add	*11.71*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.08	3.05
		For Painted Steel, Add	*0.50*	
		For Galvanized Steel, Add	*1.50*	
		For Aluminum, Add	*3.00*	
		For Stainless Steel, Add	*12.50*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	16.07	3.05
		For Painted Steel, Add	*0.55*	
		For Galvanized Steel, Add	*1.65*	
		For Aluminum, Add	*3.30*	
		For Stainless Steel, Add	*13.74*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	17.97	3.05
		For Painted Steel, Add	*0.64*	
		For Galvanized Steel, Add	*1.93*	
		For Aluminum, Add	*3.87*	
		For Stainless Steel, Add	*16.11*	
08 56 56 00-0018		**Wire Cloth, Operable, Security Window Screens** *(08 56 56 00-0012)*		
08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	19.46	4.06
		For Painted Steel, Add	*0.67*	
		For Galvanized Steel, Add	*2.00*	
		For Aluminum, Add	*4.01*	
		For Stainless Steel, Add	*16.70*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	20.43	4.06
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.15*	
		For Aluminum, Add	*4.30*	
		For Stainless Steel, Add	*17.91*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	21.78	4.06
		For Painted Steel, Add	*0.78*	
		For Galvanized Steel, Add	*2.35*	
		For Aluminum, Add	*4.70*	
		For Stainless Steel, Add	*19.60*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	24.48	4.06
		For Painted Steel, Add	*0.92*	
		For Galvanized Steel, Add	*2.76*	
		For Aluminum, Add	*5.51*	
		For Stainless Steel, Add	*22.98*	
08 56 56 00-0023		**Expanded Metal Security Screen** *(08 56 56)* Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024		**Expanded Metal, Inoperable, Security Screen** *(08 56 56 00-0023)*		
08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	27.44	7.63
		For Painted Steel, Add	*0.91*	
		For Galvanized Steel, Add	*2.74*	
		For Aluminum, Add	*5.49*	
		For Stainless Steel, Add	*22.86*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	32.10	9.15
		For Painted Steel, Add	*1.05*	
		For Galvanized Steel, Add	*3.14*	
		For Aluminum, Add	*6.27*	
		For Stainless Steel, Add	*26.14*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	36.01	11.19
		For Painted Steel, Add	*1.14*	
		For Galvanized Steel, Add	*3.42*	
		For Aluminum, Add	*6.84*	
		For Stainless Steel, Add	*28.50*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	42.31	13.21
		For Painted Steel, Add	*1.30*	
		For Galvanized Steel, Add	*3.91*	
		For Aluminum, Add	*7.81*	
		For Stainless Steel, Add	*32.55*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	39.40	12.71
		For Painted Steel, Add	*1.21*	
		For Galvanized Steel, Add	*3.62*	
		For Aluminum, Add	*7.25*	
		For Stainless Steel, Add	*30.19*	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	49.69	16.27
		For Painted Steel, Add	*1.52*	
		For Galvanized Steel, Add	*4.56*	
		For Aluminum, Add	*9.11*	
		For Stainless Steel, Add	*37.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0031		Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*		
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	29.42	9.15
		For Painted Steel, Add	*0.91*	
		For Galvanized Steel, Add	*2.73*	
		For Aluminum, Add	*5.47*	
		For Stainless Steel, Add	*22.79*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	43.04	11.19
		For Painted Steel, Add	*1.49*	
		For Galvanized Steel, Add	*4.47*	
		For Aluminum, Add	*8.95*	
		For Stainless Steel, Add	*37.29*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	47.78	12.71
		For Painted Steel, Add	*1.63*	
		For Galvanized Steel, Add	*4.88*	
		For Aluminum, Add	*9.76*	
		For Stainless Steel, Add	*40.66*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	51.72	14.23
		For Painted Steel, Add	*1.72*	
		For Galvanized Steel, Add	*5.16*	
		For Aluminum, Add	*10.33*	
		For Stainless Steel, Add	*43.04*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	56.43	16.27
		For Painted Steel, Add	*1.86*	
		For Galvanized Steel, Add	*5.57*	
		For Aluminum, Add	*11.13*	
		For Stainless Steel, Add	*46.39*	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	64.61	17.79
		For Painted Steel, Add	*2.16*	
		For Galvanized Steel, Add	*6.49*	
		For Aluminum, Add	*12.98*	
		For Stainless Steel, Add	*54.08*	
08 56 56 00-0038		Perforated Metal Security Screen *(08 56 56)*		
08 56 56 00-0039		Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*		
08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	24.30	4.58
		For Painted Steel, Add	*0.91*	
		For Galvanized Steel, Add	*2.73*	
		For Aluminum, Add	*5.46*	
		For Stainless Steel, Add	*18.20*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	25.03	4.58
		For Painted Steel, Add	*0.95*	
		For Galvanized Steel, Add	*2.84*	
		For Aluminum, Add	*5.68*	
		For Stainless Steel, Add	*18.93*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	27.46	4.58
		For Painted Steel, Add	*1.07*	
		For Galvanized Steel, Add	*3.20*	
		For Aluminum, Add	*6.41*	
		For Stainless Steel, Add	*21.36*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	32.05	4.58
		For Painted Steel, Add	*1.30*	
		For Galvanized Steel, Add	*3.89*	
		For Aluminum, Add	*7.79*	
		For Stainless Steel, Add	*25.95*	
08 56 56 00-0044		Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	33.99	5.59
		For Painted Steel, Add	*1.29*	
		For Galvanized Steel, Add	*3.88*	
		For Aluminum, Add	*7.76*	
		For Stainless Steel, Add	*25.86*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	35.26	5.59
		For Painted Steel, Add	*1.36*	
		For Galvanized Steel, Add	*4.07*	
		For Aluminum, Add	*8.14*	
		For Stainless Steel, Add	*27.13*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	38.41	5.59
		For Painted Steel, Add	*1.51*	
		For Galvanized Steel, Add	*4.54*	
		For Aluminum, Add	*9.08*	
		For Stainless Steel, Add	*30.28*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	44.99	5.59
		For Painted Steel, Add	*1.84*	
		For Galvanized Steel, Add	*5.53*	
		For Aluminum, Add	*11.06*	
		For Stainless Steel, Add	*36.86*	
08 56 56 00-0049		Removal And Reinstallation Of Security Screens And Guards *(08 56 56)*		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	12.78	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 59		**Service and Teller Window Units** *(08 56)*		
08 56 59 00-0001		Communicator For Window *(08 56 59)*		
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,431.97	203.35
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,114.75	203.35
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	1,918.97	203.35
08 56 59 00-0005		Speak-Thru Communicator For Window *(08 56 59)*		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	134.17	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	203.22	
08 56 59 00-0008		Counter Drop-In Deal Tray *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	388.97	35.25
08 60		Roof Windows and Skylights *(08)* Note: Includes hardware, caulk, sealant and necessary anchors.		
08 62		Unit Skylights *(08 60)*		
08 62 23		**Tubular Skylights** *(08 62)*		
08 62 23 00-0001		Aluminum Framed Solar Tube Skylights *(08 62 23)* Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.		
08 62 23 00-0002		31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*		
08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,217.83	180.28
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*951.00*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,286.52	184.79
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*951.90*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,353.21	189.29
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*952.80*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,447.75	193.81
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*953.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,530.36	198.32
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*954.60*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,597.05	202.82
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*955.50*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,663.75	207.33
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*956.41*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,774.20	211.84
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*957.31*	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,840.90	216.34
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*958.21*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,909.58	220.85
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*959.11*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,976.27	225.36
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*960.01*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,086.72	229.86
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*960.91*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,153.43	234.37
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*961.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,220.12	238.87
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*962.72*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,286.81	243.38
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*963.62*	
08 62 23 00-0018		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*		
08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,486.34	180.28
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*951.00*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,580.89	184.79
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*951.90*	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,675.43	189.29
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*952.80*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,769.97	193.81
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*953.70*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,924.18	198.32
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*954.60*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,018.72	202.82
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*955.50*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,113.27	207.33
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*956.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,267.47	211.84
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*957.31*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,362.02	216.34
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*958.21*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,456.56	220.85
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*959.11*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,551.09	225.36
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*960.01*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,705.30	229.86
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*960.91*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,799.86	234.37
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*961.82*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,894.40	238.87
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*962.72*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,988.93	243.38
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*963.62*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,994.85	202.82
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*955.50*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,127.19	207.33
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*956.41*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,261.51	211.84
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*957.31*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,393.84	216.34
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*958.21*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,605.73	220.85
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*959.11*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,738.06	225.36
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*960.01*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,870.39	229.86
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*960.91*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,084.29	234.37
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*961.82*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,216.61	238.87
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*962.72*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,348.94	243.38
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*963.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,481.27	247.90
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*964.52*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,693.17	252.40
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*965.42*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,825.49	256.91
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*966.32*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,959.82	261.42
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*967.22*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,092.15	265.92
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*968.12*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	420.67	90.15
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	489.08	90.15
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	673.83	101.41
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	762.82	112.68
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	524.25	90.15
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	648.42	101.41
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	691.42	101.41
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	798.00	112.68
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	933.89	123.95
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	656.24	101.41
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	725.69	112.68
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	807.77	112.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	888.94	123.95
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	985.74	135.21
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,111.85	146.48
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	784.32	112.68
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	863.54	123.95
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	987.69	135.21
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,038.51	135.21
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,203.71	146.48

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.39	90.15
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	584.84	90.15
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	750.05	101.41
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	841.00	112.68
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	594.61	90.15
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	703.15	101.41
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	750.05	101.41
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	864.45	112.68
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	972.98	123.95
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	710.96	101.41
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	788.23	112.68
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	841.00	112.68
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	926.08	123.95
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,005.28	135.21
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,133.35	146.48
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	848.81	112.68
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	933.89	123.95
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,028.74	135.21
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,083.46	135.21
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,233.03	146.48

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	526.21	90.15
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	600.48	90.15
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	771.55	101.41
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	614.16	90.15
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	730.51	101.41
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	771.55	101.41
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	887.90	112.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	728.55	101.41
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	803.86	112.68
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	866.40	112.68
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	951.48	123.95
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,036.55	135.21
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	872.27	112.68
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	965.16	123.95
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,060.01	135.21
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,114.73	135.21
08 63 13 00-0063		FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	539.89	90.15
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	621.97	90.15
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	791.09	101.41
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	911.35	112.68
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	633.70	90.15
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	748.10	101.41
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	791.09	101.41
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	917.22	112.68
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	750.05	101.41
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	825.36	112.68
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	893.76	112.68
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	980.80	123.95
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,067.83	135.21
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	901.58	112.68
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	994.48	123.95
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,091.28	135.21
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,149.91	135.21
08 63 13 00-0081		Curb Top Inserts *(08 63 13 00-0003)*		
		Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	161.75	45.07
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	230.69	50.70
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	397.76	67.60
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	368.60	61.97
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	453.45	67.60
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	243.30	45.07
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	387.83	50.70
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	682.19	67.60
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	670.93	61.97
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	847.27	67.60
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	322.86	45.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	537.00	50.70
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,032.25	67.60
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	953.36	61.97
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,213.25	67.60
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	385.49	90.15
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	469.53	90.15
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	601.52	101.41
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	762.82	112.68
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	537.94	90.15
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	625.88	90.15
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	744.19	101.41
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	893.76	112.68
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	457.80	90.15
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	615.20	101.41
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	731.55	112.68
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	574.16	101.41
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	615.20	101.41
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	755.00	112.68
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	892.85	123.95
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	672.92	112.68
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	731.55	112.68
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	818.58	123.95
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	899.75	135.21
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,068.86	146.48
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	842.04	123.95
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	958.38	135.21
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,018.97	135.21
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,182.21	146.48
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	524.25	90.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	594.61	90.15
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	759.82	101.41
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	608.29	90.15
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	681.65	101.41
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	718.78	101.41
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	759.82	101.41
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	878.13	112.68
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	720.74	101.41
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	796.04	112.68
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	854.68	112.68
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	937.80	123.95
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,020.92	135.21
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	858.59	112.68
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	951.48	123.95
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,044.37	135.21
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,097.14	135.21
08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	588.75	90.15
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	785.23	101.41
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	740.28	101.41
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	785.23	101.41
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	909.40	112.68
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	819.50	112.68
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	883.99	112.68
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	972.98	123.95
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,052.19	135.21
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	986.66	123.95
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,083.46	135.21
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,140.14	135.21
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*		
		Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,553.17	135.21
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,375.32	135.21
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,684.11	135.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,332.97	135.21
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,162.94	135.21
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,510.83	135.21
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,557.73	135.21
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,383.79	135.21
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,731.67	135.21
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,564.90	135.21
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,387.05	135.21
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,701.70	135.21
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,348.61	135.21
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,174.67	135.21
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,530.37	135.21
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,569.46	135.21
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,395.52	135.21
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,751.22	135.21

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	681.14	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*112.02*	
		For Aluminum Shingle Flashing, Add	*89.62*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	699.43	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*116.60*	
		For Aluminum Shingle Flashing, Add	*93.28*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	655.99	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*105.74*	
		For Aluminum Shingle Flashing, Add	*84.59*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	713.14	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*120.02*	
		For Aluminum Shingle Flashing, Add	*96.02*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	761.15	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*132.03*	
		For Aluminum Shingle Flashing, Add	*105.62*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	838.88	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*151.46*	
		For Aluminum Shingle Flashing, Add	*121.17*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	937.19	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*176.04*	
		For Aluminum Shingle Flashing, Add	*140.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	655.99	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*105.74*	
		For Aluminum Shingle Flashing, Add	*84.59*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	772.59	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*134.89*	
		For Aluminum Shingle Flashing, Add	*107.91*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	838.88	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*151.46*	
		For Aluminum Shingle Flashing, Add	*121.17*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	914.33	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*170.32*	
		For Aluminum Shingle Flashing, Add	*136.26*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,014.92	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*195.47*	
		For Aluminum Shingle Flashing, Add	*156.37*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	681.14	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*112.02*	
		For Aluminum Shingle Flashing, Add	*89.62*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	713.14	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*120.02*	
		For Aluminum Shingle Flashing, Add	*96.02*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	772.59	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*134.89*	
		For Aluminum Shingle Flashing, Add	*107.91*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	982.91	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*187.47*	
		For Aluminum Shingle Flashing, Add	*149.97*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	699.43	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*116.60*	
		For Aluminum Shingle Flashing, Add	*93.28*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	761.15	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*132.03*	
		For Aluminum Shingle Flashing, Add	*105.62*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	838.88	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*151.46*	
		For Aluminum Shingle Flashing, Add	*121.17*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	982.91	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*187.47*	
		For Aluminum Shingle Flashing, Add	*149.97*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	838.88	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*151.46*	
		For Aluminum Shingle Flashing, Add	*121.17*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	914.33	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*170.32*	
		For Aluminum Shingle Flashing, Add	*136.26*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	937.19	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*176.04*	
		For Aluminum Shingle Flashing, Add	*140.83*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,014.92	116.53
		For Tempered Laminated Low-E Insulated Glass, Add	*195.47*	
		For Aluminum Shingle Flashing, Add	*156.37*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	73.93	6.52
		For Clear Coated Bright Brass, Add	*5.52*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	81.17	9.33
		For Clear Coated Bright Brass, Add	*6.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	89.96	10.25
		For Clear Coated Bright Brass, Add	*5.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	85.76	6.52
		For Clear Coated Bright Brass, Add	*7.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	97.19	9.33
		For Clear Coated Bright Brass, Add	*7.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	97.96	10.25
		For Clear Coated Bright Brass, Add	*6.26*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	114.45	12.12
		For Clear Coated Bright Brass, Add	*7.32*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	115.24	12.12
		For Clear Coated Bright Brass, Add	*7.43*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	124.34	15.57
		For Clear Coated Bright Brass, Add	*8.71*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	97.94	6.52
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	109.37	9.33
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	111.22	10.25
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	129.07	12.12

08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	124.55	10.25
		For Clear Coated Bright Brass, Add	*9.98*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	141.26	12.12
		For Clear Coated Bright Brass, Add	*11.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	158.01	12.12
		For Clear Coated Bright Brass, Add	*13.42*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into mortised edge of the door and surface applied to the face of the frame.

08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	127.87	10.25
		For Clear Coated Bright Brass, Add	*10.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	150.69	12.12
		For Clear Coated Bright Brass, Add	*12.40*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0026 Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	123.86	10.25
		For Clear Coated Bright Brass, Add	*9.88*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	143.09	15.57
		For Clear Coated Bright Brass, Add	*11.33*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	171.86	15.57
		For Clear Coated Bright Brass, Add	*15.36*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0030 Mortised, Wrought Steel Hinges *(08 71 11 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

08 71 11 00-0031 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	44.42	6.52
		For Primed For Paint Finish, Deduct	*-1.85*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.16*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.11*	
		For Stainless Steel, Add	*5.08*	
		For Heavy Duty, Add	*1.39*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	56.81	9.33
		For Primed For Paint Finish, Deduct	*-2.04*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.28*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.22*	
		For Stainless Steel, Add	*5.61*	
		For Heavy Duty, Add	*1.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	65.70	10.25
		For Primed For Paint Finish, Deduct	*-2.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.55*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.49*	
		For Stainless Steel, Add	*6.84*	
		For Heavy Duty, Add	*1.86*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0035		**Full Mortise, Ball Bearing, Wrought Steel Hinges** *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	68.86	6.52
		For Primed For Paint Finish, Deduct	*-6.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.21*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.04*	
		For Stainless Steel, Add	*18.52*	
		For Heavy Duty, Add	*5.05*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	84.75	9.33
		For Primed For Paint Finish, Deduct	*-7.63*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.77*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.58*	
		For Stainless Steel, Add	*20.98*	
		For Heavy Duty, Add	*5.72*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	130.76	10.25
		For Primed For Paint Finish, Deduct	*-15.50*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.69*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.30*	
		For Stainless Steel, Add	*42.62*	
		For Heavy Duty, Add	*11.62*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	117.91	12.12
		For Primed For Paint Finish, Deduct	*-11.15*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.97*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.69*	
		For Stainless Steel, Add	*30.67*	
		For Heavy Duty, Add	*8.36*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	125.78	12.12
		For Primed For Paint Finish, Deduct	*-12.73*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.95*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.64*	
		For Stainless Steel, Add	*35.00*	
		For Heavy Duty, Add	*9.54*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	149.77	12.12
		For Primed For Paint Finish, Deduct	*-17.52*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.95*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.51*	
		For Stainless Steel, Add	*48.19*	
		For Heavy Duty, Add	*13.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0042		**Half Surface, Plain Bearing, Wrought Steel Hinges** *(08 71 11 00-0030)*		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	82.97	6.52
		For Primed For Paint Finish, Deduct	*-9.56*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.97*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.73*	
		For Stainless Steel, Add	*26.28*	
		For Heavy Duty, Add	*7.17*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	100.77	9.33
		For Primed For Paint Finish, Deduct	*-10.83*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.77*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.50*	
		For Stainless Steel, Add	*29.79*	
		For Heavy Duty, Add	*8.12*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	113.80	10.25
		For Primed For Paint Finish, Deduct	*-12.11*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.57*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.26*	
		For Stainless Steel, Add	*33.29*	
		For Heavy Duty, Add	*9.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	129.06	12.12
		For Primed For Paint Finish, Deduct	*-13.38*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.03*	
		For Stainless Steel, Add	*36.80*	
		For Heavy Duty, Add	*10.04*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0047		Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	115.11	10.25
		For Primed For Paint Finish, Deduct	*-13.70*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.56*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.22*	
		For Stainless Steel, Add	*37.68*	
		For Heavy Duty, Add	*10.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	129.07	10.25
		For Primed For Paint Finish, Deduct	*-15.16*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.48*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.10*	
		For Stainless Steel, Add	*41.69*	
		For Heavy Duty, Add	*11.37*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	149.77	12.12
		For Primed For Paint Finish, Deduct	*-17.52*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.95*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.51*	
		For Stainless Steel, Add	*48.19*	
		For Heavy Duty, Add	*13.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0051		Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*		
		Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	133.28	10.25
		For Primed For Paint Finish, Deduct	*-16.00*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.00*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.60*	
		For Stainless Steel, Add	*44.01*	
		For Heavy Duty, Add	*12.00*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0053		Blank Butt Hinges *(08 71 11 00-0030)*		
08 71 11 00-0054	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	26.86	4.19
		For Primed For Paint Finish, Deduct	*-2.04*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.27*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.22*	
		For Stainless Steel, Add	*5.60*	
		For Heavy Duty, Add	*1.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0055		Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	111.60	6.52
		For Primed For Paint Finish, Deduct	*-15.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.55*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.17*	
		For Stainless Steel, Add	*42.03*	
08 71 11 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	146.57	9.33
		For Primed For Paint Finish, Deduct	*-19.99*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.50*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.00*	
		For Stainless Steel, Add	*54.98*	
08 71 11 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	200.31	10.25
		For Primed For Paint Finish, Deduct	*-29.41*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*18.38*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-17.64*	
		For Stainless Steel, Add	*80.87*	
08 71 11 00-0059		Offset And Pivot Hinges *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0060		Offset Swing Clear Hinges *(08 71 11 00-0059)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges	197.35	2.90
08 71 11 00-0062		Offset Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0063		3/4" Offset Pivot Hinges *(08 71 11 00-0062)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0064		3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0065		Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0066		200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0067	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	119.36	9.33
08 71 11 00-0068	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	160.57	9.33
08 71 11 00-0069	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	183.46	9.33
08 71 11 00-0070	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	183.46	9.33
08 71 11 00-0071	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	183.46	9.33
08 71 11 00-0072	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	183.46	9.33
08 71 11 00-0073	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	183.46	9.33
08 71 11 00-0074	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	131.26	9.33
08 71 11 00-0075	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	166.99	9.33
08 71 11 00-0076	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	190.79	9.33
08 71 11 00-0077	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	190.79	9.33
08 71 11 00-0078	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	190.79	9.33
08 71 11 00-0079	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	190.79	9.33
08 71 11 00-0080	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	190.79	9.33
08 71 11 00-0081	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	119.36	9.33
08 71 11 00-0082	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	160.57	9.33
08 71 11 00-0083	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	183.46	9.33
08 71 11 00-0084	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	183.46	9.33
08 71 11 00-0085	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	183.46	9.33
08 71 11 00-0086	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	183.46	9.33
08 71 11 00-0087	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	183.46	9.33
08 71 11 00-0088		500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0089	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	124.02	11.66
08 71 11 00-0090	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	165.23	11.66
08 71 11 00-0091	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	188.12	11.66
08 71 11 00-0092	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	188.12	11.66
08 71 11 00-0093	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	188.12	11.66
08 71 11 00-0094	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	188.12	11.66
08 71 11 00-0095	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	188.12	11.66
08 71 11 00-0096		600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0097	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	124.02	11.66
08 71 11 00-0098	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	165.23	11.66
08 71 11 00-0099	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	188.12	11.66
08 71 11 00-0100	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	188.12	11.66
08 71 11 00-0101	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	188.12	11.66
08 71 11 00-0102	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	188.12	11.66
08 71 11 00-0103	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	188.12	11.66
08 71 11 00-0104		700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0105	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	124.02	11.66
08 71 11 00-0106	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	165.23	11.66
08 71 11 00-0107	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	188.12	11.66
08 71 11 00-0108	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	188.12	11.66
08 71 11 00-0109	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	188.12	11.66
08 71 11 00-0110	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	188.12	11.66
08 71 11 00-0111	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	188.12	11.66
08 71 11 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0113		200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0114	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	148.66	9.33
08 71 11 00-0115	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	183.46	9.33
08 71 11 00-0116	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	208.18	9.33
08 71 11 00-0117	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	208.18	9.33
08 71 11 00-0118	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	208.18	9.33
08 71 11 00-0119	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	208.18	9.33
08 71 11 00-0120	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	208.18	9.33
08 71 11 00-0121		500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0122	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	165.23	11.66
08 71 11 00-0123	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	176.21	11.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	195.45	11.66
08 71 11 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	195.45	11.66
08 71 11 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	195.45	11.66
08 71 11 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	195.45	11.66
08 71 11 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	195.45	11.66
08 71 11 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	165.23	11.66
08 71 11 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	176.21	11.66
08 71 11 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	195.45	11.66
08 71 11 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	195.45	11.66
08 71 11 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	195.45	11.66
08 71 11 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	195.45	11.66
08 71 11 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	195.45	11.66
08 71 11 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	165.23	11.66
08 71 11 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	176.21	11.66
08 71 11 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	195.45	11.66
08 71 11 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	195.45	11.66
08 71 11 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	195.45	11.66
08 71 11 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	195.45	11.66
08 71 11 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	195.45	11.66
08 71 11 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	131.26	9.33
08 71 11 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	166.99	9.33
08 71 11 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	190.79	9.33
08 71 11 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	190.79	9.33
08 71 11 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	190.79	9.33
08 71 11 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	240.01	9.33
08 71 11 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	190.79	9.33
08 71 11 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	131.26	9.33
08 71 11 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	166.99	9.33
08 71 11 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	190.79	9.33
08 71 11 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	190.79	9.33
08 71 11 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	190.79	9.33
08 71 11 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	190.79	9.33
08 71 11 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	190.79	9.33
08 71 11 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	113.87	9.33
08 71 11 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	155.08	9.33
08 71 11 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	178.88	9.33
08 71 11 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	178.88	9.33
08 71 11 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	178.88	9.33
08 71 11 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	178.88	9.33
08 71 11 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	178.88	9.33
08 71 11 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	200.03	11.66
08 71 11 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	212.84	11.66
08 71 11 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	212.84	11.66
08 71 11 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	212.84	11.66
08 71 11 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	212.84	11.66
08 71 11 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	212.84	11.66
08 71 11 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	216.50	11.66
08 71 11 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	171.65	11.66
08 71 11 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	188.12	11.66
08 71 11 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	200.03	11.66
08 71 11 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	200.03	11.66
08 71 11 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	200.03	11.66
08 71 11 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	200.03	11.66
08 71 11 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	200.03	11.66
08 71 11 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	395.06	11.66
08 71 11 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	424.36	11.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	471.07	11.66
08 71 11 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	471.07	11.66
08 71 11 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	471.07	11.66
08 71 11 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	471.07	11.66
08 71 11 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	471.07	11.66
08 71 11 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	234.84	11.66
08 71 11 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	277.85	11.66
08 71 11 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	312.66	11.66
08 71 11 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	312.66	11.66
08 71 11 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	312.66	11.66
08 71 11 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	234.84	11.66
08 71 11 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	277.85	11.66
08 71 11 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	312.66	11.66
08 71 11 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	312.66	11.66
08 71 11 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	312.66	11.66
08 71 11 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	234.84	11.66
08 71 11 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	277.85	11.66
08 71 11 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	312.66	11.66
08 71 11 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	312.66	11.66
08 71 11 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	312.66	11.66
08 71 11 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	246.81	13.99
08 71 11 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	282.52	13.99
08 71 11 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	299.01	13.99
08 71 11 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	299.01	13.99
08 71 11 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	299.01	13.99
08 71 11 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	246.81	13.99
08 71 11 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	282.52	13.99
08 71 11 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	299.01	13.99
08 71 11 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	299.01	13.99
08 71 11 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	299.01	13.99
08 71 11 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0225		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	242.14	11.66
08 71 11 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	282.43	11.66
08 71 11 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	294.34	11.66
08 71 11 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	294.34	11.66
08 71 11 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	294.34	11.66
08 71 11 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	242.14	11.66
08 71 11 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	282.43	11.66
08 71 11 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	294.34	11.66
08 71 11 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	294.34	11.66
08 71 11 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	294.34	11.66
08 71 11 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	242.14	11.66
08 71 11 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	282.43	11.66
08 71 11 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	294.34	11.66
08 71 11 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	294.34	11.66
08 71 11 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	294.34	11.66
08 71 11 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	270.63	13.99
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	311.82	13.99
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	322.81	13.99
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	322.81	13.99
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	322.81	13.99
08 71 11 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	270.63	13.99
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	311.82	13.99
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	322.81	13.99
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	322.81	13.99
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	322.81	13.99
08 71 11 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	270.54	11.66
08 71 11 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	335.55	11.66
08 71 11 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	360.27	11.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	360.27	11.66
08 71 11 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	360.27	11.66
08 71 11 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	265.96	11.66
08 71 11 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	282.43	11.66
08 71 11 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	324.56	11.66
08 71 11 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	324.56	11.66
08 71 11 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	324.56	11.66
08 71 11 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	305.42	13.99
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	340.22	13.99
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	353.03	13.99
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	353.03	13.99
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	353.03	13.99
08 71 11 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	434.53	13.99
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	463.83	13.99
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	475.74	13.99
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	475.74	13.99
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	475.74	13.99
08 71 11 00-0280		1-1/2" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	277.85	11.66
08 71 11 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	300.75	11.66
08 71 11 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	318.14	11.66
08 71 11 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	318.14	11.66
08 71 11 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	318.14	11.66
08 71 11 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	277.85	11.66
08 71 11 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	300.75	11.66
08 71 11 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	318.14	11.66
08 71 11 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	318.14	11.66
08 71 11 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	318.14	11.66

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	288.84	11.66
08 71 11 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	324.56	11.66
08 71 11 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	341.96	11.66
08 71 11 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	341.96	11.66
08 71 11 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	341.96	11.66
08 71 11 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	288.84	11.66
08 71 11 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	324.56	11.66
08 71 11 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	341.96	11.66
08 71 11 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	341.96	11.66
08 71 11 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	341.96	11.66
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	282.43	11.66
08 71 11 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	324.56	11.66
08 71 11 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	341.96	11.66
08 71 11 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	341.96	11.66
08 71 11 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	341.96	11.66
08 71 11 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	459.16	11.66
08 71 11 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	506.78	11.66
08 71 11 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	518.69	11.66
08 71 11 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	518.69	11.66
08 71 11 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	518.69	11.66
08 71 11 00-0321		Center Hung Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	143.17	9.33
08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	155.08	9.33
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	147.83	11.66
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.74	11.66
08 71 11 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	147.83	11.66
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.74	11.66
08 71 11 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	234.91	13.99
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	275.21	13.99
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	317.33	13.99
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	317.33	13.99
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	317.33	13.99
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	317.33	13.99
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	317.33	13.99
08 71 11 00-0355		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	108.37	9.33
08 71 11 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	125.78	9.33
08 71 11 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	143.17	9.33
08 71 11 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	143.17	9.33
08 71 11 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	143.17	9.33
08 71 11 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	143.17	9.33
08 71 11 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	143.17	9.33
08 71 11 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	159.74	11.66
08 71 11 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	165.23	11.66
08 71 11 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	159.74	11.66
08 71 11 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	165.23	11.66
08 71 11 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	324.56	11.66
08 71 11 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	341.96	11.66
08 71 11 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	360.27	11.66
08 71 11 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	360.27	11.66
08 71 11 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	360.27	11.66
08 71 11 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	360.27	11.66
08 71 11 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	360.27	11.66

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0387		1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	599.36	13.99
08 71 11 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	616.75	13.99
08 71 11 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	640.57	13.99
08 71 11 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	640.57	13.99
08 71 11 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	640.57	13.99
08 71 11 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	640.57	13.99
08 71 11 00-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	640.57	13.99
08 71 11 00-0395		Continuous Barrel-Type Hinge *(08 71 11 00-0001)*		
08 71 11 00-0396	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	25.95	3.73
		For Stainless Steel, Add	*6.07*	
		For Brass Or Nickel, Add	*6.62*	
		For Aluminum, Add	*2.16*	
		For Medium Gauge, Deduct	*-2.21*	
08 71 11 00-0397	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	26.69	3.73
		For Stainless Steel, Add	*6.48*	
		For Brass Or Nickel, Add	*7.07*	
		For Aluminum, Add	*2.31*	
		For Medium Gauge, Deduct	*-2.36*	
08 71 11 00-0398	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	28.16	3.73
		For Stainless Steel, Add	*7.29*	
		For Brass Or Nickel, Add	*7.95*	
		For Aluminum, Add	*2.60*	
		For Medium Gauge, Deduct	*-2.65*	
08 71 11 00-0399	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	29.83	3.73
		For Stainless Steel, Add	*8.21*	
		For Brass Or Nickel, Add	*8.95*	
		For Aluminum, Add	*2.92*	
		For Medium Gauge, Deduct	*-2.98*	
08 71 11 00-0400		Continuous Geared Hinges *(08 71 11 00-0001)*		
08 71 11 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	54.52	3.73
		For Bronze Finish, Add	*14.85*	
		For Heavy Duty, Add	*10.58*	
08 71 11 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	59.15	3.73
		For Bronze Finish, Add	*16.59*	
		For Heavy Duty, Add	*11.82*	
08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	35.96	3.73
		For Bronze Finish, Add	*7.89*	
08 71 11 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	42.67	3.73
		For Bronze Finish, Add	*10.41*	
08 71 11 00-0405		Mortised, Primed Steel, Double Acting Spring Hinges *(08 71 11 00-0001)*		
08 71 11 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	105.62	6.52
		For Satin Brass, Add	*17.52*	
08 71 11 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	114.97	8.39
		For Satin Brass, Add	*17.52*	
08 71 11 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	128.27	10.25
		For Satin Brass, Add	*18.48*	
08 71 11 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	167.12	12.12
		For Satin Brass, Add	*25.57*	
08 71 11 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	187.25	13.99
		For Satin Brass, Add	*28.16*	
08 71 11 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	224.58	15.85
		For Satin Brass, Add	*34.88*	
08 71 11 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	302.33	44.29
		For Satin Brass, Add	*51.30*	
08 71 11 00-0413		Security Hinges *(08 71 11 00-0001)*		
08 71 11 00-0414	EA	4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	36.88	6.52
08 71 11 00-0415		Concealed Circuit Electric Hinge Option *(08 71 11 00-0001)*		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 11 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option	283.82	
08 71 11 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option	335.10	
08 71 11 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option	386.38	
08 71 11 00-0419		Hinge Filler Plates For Door Frames *(08 71 11 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames	18.62	4.66
08 71 11 00-0421		**Door Trim** *(08 71 11)*		
08 71 11 00-0422		**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0423		**Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0424		**Aluminum Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	26.29	11.66
08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	29.26	11.66
08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	30.40	11.66
08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	47.66	11.66
08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	49.73	11.66
08 71 11 00-0430		**Brass Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	29.68	11.66
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	30.82	11.66
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	30.82	11.66
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	31.26	11.66
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	31.84	11.66
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	31.84	11.66
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	31.84	11.66
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	30.40	11.66
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	32.12	11.66
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	32.12	11.66
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	32.79	11.66
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	33.37	11.66
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	33.37	11.66
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	36.08	11.66
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	32.23	11.66
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	32.23	11.66
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	34.11	11.66
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	34.11	11.66
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	34.11	11.66
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	34.11	11.66
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	33.53	11.66
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	33.53	11.66
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	35.36	11.66
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	35.36	11.66
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	35.36	11.66
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	35.36	11.66
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	49.33	11.66
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	50.14	11.66
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	52.12	11.66
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	53.72	11.66
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	53.72	11.66
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	60.24	11.66
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	60.24	11.66
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	57.82	11.66
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	58.98	11.66
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	58.98	11.66
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	58.98	11.66
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	58.98	11.66
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	67.92	11.66
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	67.92	11.66
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	39.61	11.66
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	41.10	11.66
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	44.46	11.66
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	44.46	11.66
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	44.46	11.66
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	45.46	11.66
08 71 11 00-0477		**Steel Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	33.81	11.66
08 71 11 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	89.08	11.66
08 71 11 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	93.79	11.66
08 71 11 00-0481		**Wall Stops** *(08 71 11 00-0422)*		
08 71 11 00-0482		**Aluminum Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	13.44	4.66
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	19.56	6.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0485		**Brass Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	23.55	4.66
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	23.55	4.66
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	23.55	4.66
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	27.96	4.66
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	28.38	4.66
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	28.38	4.66
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	28.38	4.66
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	66.57	6.99
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	68.12	6.99
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	68.12	6.99
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	68.12	6.99
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	68.12	6.99
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	68.12	6.99
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	55.61	6.99
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	64.01	6.99
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	64.01	6.99
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	64.01	6.99
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	64.01	6.99
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	66.01	6.99
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	66.01	6.99
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	107.49	6.99
08 71 11 00-0507		**Steel Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	10.19	4.66
08 71 11 00-0509		**Hinge Pin Door Stops** *(08 71 11 00-0422)*		
08 71 11 00-0510		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0509)*		
08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	21.19	9.33
08 71 11 00-0512		**Brass Hinge Pin Door Stops** *(08 71 11 00-0509)*		
08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	21.68	9.33
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	24.74	9.33
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	32.12	9.33
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	32.12	9.33
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	32.12	9.33
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	35.58	9.33
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	35.58	9.33
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	35.58	9.33
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	35.58	9.33
08 71 11 00-0522		**Wall Bumpers** *(08 71 11 00-0422)*		
08 71 11 00-0523		**Brass Wall Bumpers** *(08 71 11 00-0522)*		
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.13	11.66
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.13	11.66
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.13	11.66
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.54	11.66
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.54	11.66
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.54	11.66
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	28.54	11.66
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	42.74	11.66
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	46.59	11.66
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	46.59	11.66
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	46.59	11.66
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	46.59	11.66
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	46.59	11.66
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	47.45	11.66
08 71 11 00-0538		**Rubber Wall Bumpers** *(08 71 11 00-0522)*		
08 71 11 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	26.59	11.66

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0540		**Holders** *(08 71 11 00-0421)*		
08 71 11 00-0541		**Plunger Type Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0542		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0541)*		
08 71 11 00-0543	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	70.39	6.99
08 71 11 00-0544		**Brass Plunger Type Door Holders** *(08 71 11 00-0541)*		
08 71 11 00-0545	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0546	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0547	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0548	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0549	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0550	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0551	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	115.73	6.99
08 71 11 00-0552		**Kick Down Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0553		**Aluminum Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0554	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	23.20	6.99
08 71 11 00-0555		**Brass Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0556	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	51.39	6.99
08 71 11 00-0557	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	51.39	6.99
08 71 11 00-0558	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	51.39	6.99
08 71 11 00-0559	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	58.75	6.99
08 71 11 00-0560	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	58.75	6.99
08 71 11 00-0561	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	58.75	6.99
08 71 11 00-0562	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	60.60	6.99
08 71 11 00-0563		**Steel Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0564	EA	Steel Kick Down Door Holder (Ives FS544)	28.89	6.99
08 71 11 00-0565		**Floor Mounted Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0566		**Brass Floor Mounted Door Holders** *(08 71 11 00-0565)*		
08 71 11 00-0567	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	100.57	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0568	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	100.57	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0569	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	125.00	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0570	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	125.00	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0571	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	125.00	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0572	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	125.00	13.99
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0573		**Wall Mounted Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0574		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0573)*		
08 71 11 00-0575	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	89.77	8.16
08 71 11 00-0576	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	131.43	13.99
08 71 11 00-0577		**Brass Wall Mounted Door Holders** *(08 71 11 00-0573)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0578	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	82.37	8.16
08 71 11 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	95.61	8.16
08 71 11 00-0580	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	95.61	8.16
08 71 11 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	95.61	8.16
08 71 11 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	95.61	8.16
08 71 11 00-0583	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	95.61	8.16
08 71 11 00-0584	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	98.72	8.16
08 71 11 00-0585	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	93.46	8.16
08 71 11 00-0586	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	111.53	8.16
08 71 11 00-0587	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	111.53	8.16
08 71 11 00-0588	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	111.53	8.16
08 71 11 00-0589	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	111.53	8.16
08 71 11 00-0590	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	111.53	8.16
08 71 11 00-0591	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	149.46	13.99
08 71 11 00-0592	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	157.58	13.99
08 71 11 00-0593	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	157.58	13.99
08 71 11 00-0594	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	157.58	13.99
08 71 11 00-0595	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	157.58	13.99
08 71 11 00-0596	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	157.58	13.99

08 71 11 00-0597 Overhead Door Holders *(08 71 11 00-0540)*

08 71 11 00-0598 Surface Mounted, Overhead Door Holders *(08 71 11 00-0597)*

08 71 11 00-0599	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	463.52	23.30
		For Hold Open, Add	*53.43*	
08 71 11 00-0600	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	531.74	23.30
		For Hold Open, Add	*63.28*	
08 71 11 00-0601	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	531.74	23.30
		For Hold Open, Add	*63.28*	
08 71 11 00-0602	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	531.74	23.30
		For Hold Open, Add	*63.28*	
08 71 11 00-0603	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	529.42	23.30
		For Hold Open, Add	*62.94*	

08 71 11 00-0604 Heavy Duty, Surface Mounted, Overhead Door Holders *(08 71 11 00-0597)*

Note: With or without hold open feature.

08 71 11 00-0605	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	360.51	23.30
08 71 11 00-0606	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	523.39	23.30
08 71 11 00-0607	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	594.38	23.30
08 71 11 00-0608	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	594.38	23.30
08 71 11 00-0609	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	594.38	23.30

08 71 11 00-0610 Concealed Mounted, Overhead Door Holders *(08 71 11 00-0597)*

Note: With or without hold open feature.

08 71 11 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	506.22	23.30
08 71 11 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	506.22	23.30
08 71 11 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	534.06	23.30
08 71 11 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	557.72	23.30
08 71 11 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	557.72	23.30

08 71 11 00-0616 Silencers *(08 71 11 00-0421)*

08 71 11 00-0617	EA	Replacement Of Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.46

08 71 11 00-0618 Bolts *(08 71 11 00-0421)*

08 71 11 00-0619 Brass Surface Bolts *(08 71 11 00-0618)*

08 71 11 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	151.93	11.66
08 71 11 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	162.65	11.66
08 71 11 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	162.65	11.66

08 71 11 00-0623 Steel Surface Bolts *(08 71 11 00-0618)*

08 71 11 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	68.87	11.66
08 71 11 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	68.87	11.66
08 71 11 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	68.87	11.66
08 71 11 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	78.24	11.66
08 71 11 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	79.59	11.66
08 71 11 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	82.26	11.66
08 71 11 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	80.91	11.66
08 71 11 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	84.95	11.66
08 71 11 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	90.31	11.66
08 71 11 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	94.32	11.66
08 71 11 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	147.92	11.66

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0635		**Door Viewer** *(08 71 11 00-0421)*		
08 71 11 00-0636		**Brass Door Viewer** *(08 71 11 00-0635)*		
08 71 11 00-0637	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	36.08	11.66
08 71 11 00-0638	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	36.08	11.66
08 71 11 00-0639	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	36.08	11.66
08 71 11 00-0640	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	42.07	11.66
08 71 11 00-0641	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	42.07	11.66
08 71 11 00-0642	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	42.07	11.66
08 71 11 00-0643	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	49.45	11.66
08 71 11 00-0644	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	49.45	11.66
08 71 11 00-0645		**Door Knockers** *(08 71 11 00-0421)*		
08 71 11 00-0646		**Brass Door Knockers** *(08 71 11 00-0645)*		
08 71 11 00-0647	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	54.55	11.66
08 71 11 00-0648	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	60.24	11.66
08 71 11 00-0649	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	60.24	11.66
08 71 11 00-0650	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	60.24	11.66
08 71 11 00-0651	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	81.82	11.66
08 71 11 00-0652	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	95.53	11.66
08 71 11 00-0653		**Hasps** *(08 71 11 00-0421)*		
08 71 11 00-0654	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	25.34	8.79
08 71 11 00-0655	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	27.02	9.33
08 71 11 00-0656	EA	6", Zinc Plated Finish, Steel Hasp Assembly	34.57	10.49
08 71 11 00-0657	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	143.04	12.58
08 71 11 00-0658		**Flush Bolts** *(08 71 11 00-0421)*		
08 71 11 00-0659		**Flush Bolts For Metal Doors** *(08 71 11 00-0658)*		
08 71 11 00-0660		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0659)*		
08 71 11 00-0661		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0662	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	52.79	11.66
08 71 11 00-0663		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0664	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	130.21	11.66
08 71 11 00-0665	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	130.21	11.66
08 71 11 00-0666	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	239.89	18.64
08 71 11 00-0667	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	235.23	16.31
08 71 11 00-0668	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	244.27	17.48
08 71 11 00-0669		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0670	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	129.03	11.66
08 71 11 00-0671	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	239.89	18.64
08 71 11 00-0672	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	235.23	16.31
08 71 11 00-0673	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	244.27	17.48
08 71 11 00-0674		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0659)*		
08 71 11 00-0675		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0676	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	130.21	11.66
08 71 11 00-0677	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	130.21	11.66
08 71 11 00-0678	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	239.89	18.64
08 71 11 00-0679	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	235.23	16.31
08 71 11 00-0680	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	244.27	17.48
08 71 11 00-0681		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0682	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	129.03	11.66
08 71 11 00-0683	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	239.89	18.64
08 71 11 00-0684	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	235.23	16.31
08 71 11 00-0685	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	244.27	17.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0686		Flush Bolts For Wood Doors *(08 71 11 00-0658)*		
08 71 11 00-0687		Brass Flush Bolts For Wood Doors *(08 71 11 00-0686)*		
08 71 11 00-0688		Manual, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	62.81	11.66
08 71 11 00-0690		Automatic, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	135.44	11.66
08 71 11 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	135.44	11.66
08 71 11 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	251.14	18.64
08 71 11 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	246.48	16.31
08 71 11 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	134.39	11.66
08 71 11 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	251.14	18.64
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	246.48	16.31
08 71 11 00-0699		Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0686)*		
08 71 11 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	135.44	11.66
08 71 11 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	135.44	11.66
08 71 11 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	251.14	18.64
08 71 11 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	246.48	16.31
08 71 11 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	134.39	11.66
08 71 11 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	251.14	18.64
08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	246.48	16.31
08 71 11 00-0709		Dust Proof Strikes *(08 71 11 00-0658)*		
08 71 11 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	47.32	9.33
08 71 11 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	47.32	9.33
08 71 11 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	47.32	9.33
08 71 11 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	47.32	9.33
08 71 11 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	47.32	9.33
08 71 11 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	54.81	9.33
08 71 11 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	54.81	9.33
08 71 11 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	54.81	9.33
08 71 11 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	54.81	9.33
08 71 11 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	54.81	9.33
08 71 11 00-0720		Roller Bumpers *(08 71 11 00-0421)*		
08 71 11 00-0721		Brass Roller Bumpers *(08 71 11 00-0720)*		
08 71 11 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	49.95	6.99
08 71 11 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	58.91	6.99
08 71 11 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	58.91	6.99
08 71 11 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	47.93	6.99
08 71 11 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	54.76	6.99
08 71 11 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	54.76	6.99
08 71 11 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	54.76	6.99
08 71 11 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	50.09	6.99
08 71 11 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	54.92	6.99
08 71 11 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.19	6.99
08 71 11 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.19	6.99
08 71 11 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.19	6.99
08 71 11 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.19	6.99
08 71 11 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.19	6.99
08 71 11 00-0736		Other Door Trim *(08 71 11 00-0421)*		
08 71 11 00-0737		Coat And Hat Hooks *(08 71 11 00-0736)*		
08 71 11 00-0738		Aluminum Coat And Hat Hooks *(08 71 11 00-0737)*		
08 71 11 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	16.40	6.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0740	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	16.40	6.99
08 71 11 00-0741	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	16.57	6.99
08 71 11 00-0742	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	16.29	6.99
08 71 11 00-0743	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	16.29	6.99
08 71 11 00-0744	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	16.29	6.99
08 71 11 00-0745	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	16.57	6.99
08 71 11 00-0746	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.40	6.99
08 71 11 00-0747	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.40	6.99
08 71 11 00-0748	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	17.40	6.99
08 71 11 00-0749	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	17.40	6.99
08 71 11 00-0750	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	17.40	6.99
08 71 11 00-0751		Brass Coat And Hat Hooks *(08 71 11 00-0737)*		
08 71 11 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	20.95	6.99
08 71 11 00-0753	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	21.39	6.99
08 71 11 00-0754	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	22.09	6.99
08 71 11 00-0755	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	22.09	6.99
08 71 11 00-0756	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	22.53	6.99
08 71 11 00-0757	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	23.94	6.99
08 71 11 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	25.94	6.99
08 71 11 00-0759	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	25.94	6.99
08 71 11 00-0760	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	25.94	6.99
08 71 11 00-0761	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	26.38	6.99
08 71 11 00-0762		Door Plates And Pulls *(08 71 11)*		
08 71 11 00-0763		Kick Plate *(08 71 11 00-0762)* Note: Ives 8400.		
08 71 11 00-0764		Aluminum Base Material Kick Plate *(08 71 11 00-0763)*		
08 71 11 00-0765		Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0764)*		
08 71 11 00-0766	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.14	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0767	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.19	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0768	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.18	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0769	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.20	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0770	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.11	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0771	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.08	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0772	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.10	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0773	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.12	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0774	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.00	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0775	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.02	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0776	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.02	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0777	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.93	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0778	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.95	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0779	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.95	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0780	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.72	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0781	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.25	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0782	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.73	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0783	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.26	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0784	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.65	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0785	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.16	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0786	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.69	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0787	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.20	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0788	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.59	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0789	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.10	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0790	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.63	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0791	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.03	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0792	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.51	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0793	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.04	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0794	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.26	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0795	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.26	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0796	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.32	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0797	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.30	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0798	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.20	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0799	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.22	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0800	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.23	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0801	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.28	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0802	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.15	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0803	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.17	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0804	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.21	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0805	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.10	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0806	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.12	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0807	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.16	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0808	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.63	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0809	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.16	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.73	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0811	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.26	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.63	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.16	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.69	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.21	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.61	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.12	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.65	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.04	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.59	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.12	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.20	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.22	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.28	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.30	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.16	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.24	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.28	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.29	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.18	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.24	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.26	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.14	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.18	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.24	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.93	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.76	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.59	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0839	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.42	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.08	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.91	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.74	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.57	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	125.27	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.10	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	134.93	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	141.62	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.45	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	151.28	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.69	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.05	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.41	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.78	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.01	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	119.37	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.74	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.10	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.32	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0859	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	142.69	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	148.05	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	155.28	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	160.65	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	166.01	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.58	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.48	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.38	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0867	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.28	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.07	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.96	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.86	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	139.76	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	147.52	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.41	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.31	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.08	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	172.98	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	178.87	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.48	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.91	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.37	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.80	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.10	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.53	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	142.96	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	149.42	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.71	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.14	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.57	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	178.87	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	185.33	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	191.76	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0892 Brass Base Material Kick Plate *(08 71 11 00-0763)*

08 71 11 00-0893 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0892)*

08 71 11 00-0894	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	101.79	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0895	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	108.49	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	115.21	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	121.92	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	130.48	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.23	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	143.93	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	150.63	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	159.19	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	165.89	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	172.60	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	181.17	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	187.92	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	194.62	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	120.26	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	128.62	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.02	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	145.41	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	155.63	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	164.03	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	172.44	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	180.82	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.04	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	199.45	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	218.09	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	226.49	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	234.88	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	138.66	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0923	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	148.77	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	158.81	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	168.88	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	180.82	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	190.89	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.95	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	210.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.97	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.01	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.07	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	255.01	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	265.05	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0935	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	275.16	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0936	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	159.01	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0937	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	170.74	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	182.48	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	194.25	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	219.60	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.33	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.07	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	256.69	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.43	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.16	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	293.76	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	305.53	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	317.28	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	224.33	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0951	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	242.05	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	259.73	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	277.38	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	296.92	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.62	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	332.32	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	349.95	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	369.55	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	387.25	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	404.93	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	424.44	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	442.12	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	459.82	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	248.26	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.11	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	287.94	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	307.84	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	329.54	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	349.37	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	369.27	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	389.09	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	410.86	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	430.71	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	450.53	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	472.29	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	492.12	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	511.96	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	274.39	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0979	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	296.43	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	318.52	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	340.54	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	364.50	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	386.57	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	408.62	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	430.71	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	454.59	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	476.68	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	498.75	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	522.66	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	544.75	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	566.77	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	298.67	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	322.91	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.18	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	371.46	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	397.59	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	421.88	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	446.14	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	470.43	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	496.53	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	520.79	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	545.08	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	571.21	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	595.50	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	619.71	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	322.91	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1007	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	349.37	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	375.88	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	402.36	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	430.71	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	457.17	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	483.65	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	511.58	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	538.45	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	564.90	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	591.38	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1017	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	619.71	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	646.24	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	672.70	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1020 Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-0892)*

08 71 11 00-1021	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	109.60	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	117.02	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	124.45	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	131.87	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	141.15	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	148.55	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	155.98	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	163.40	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	172.68	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	180.13	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	187.55	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	196.85	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	204.27	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	211.69	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1035	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	130.02	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	139.29	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	148.57	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	157.84	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	169.00	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	178.27	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	187.54	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	196.82	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	207.95	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	217.22	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	226.50	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	237.64	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	246.91	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	256.19	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	150.42	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	161.54	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	172.71	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	183.83	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	196.82	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	207.96	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	219.09	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	230.21	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	243.19	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.32	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	265.46	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	278.46	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	289.62	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	300.75	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	172.67	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	185.69	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	198.69	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	211.66	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	226.50	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	239.49	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	252.47	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	265.46	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	280.35	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	293.32	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	306.30	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	297.74	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	334.13	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	347.12	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	247.51	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	267.33	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	287.11	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	306.90	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	328.55	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	348.33	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	368.15	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	387.93	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	409.59	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	429.38	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	449.16	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	470.81	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	490.60	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	510.39	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1091	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	274.02	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	296.25	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	318.42	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	340.64	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	364.68	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	386.88	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	409.08	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	431.28	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	455.32	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.55	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	499.77	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	523.80	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	546.03	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	568.20	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	303.00	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	327.70	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	352.34	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	377.04	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	403.55	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	428.21	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	452.89	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.55	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	504.11	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	528.75	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	553.40	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	579.96	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	604.61	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	629.30	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1119	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	330.14	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	357.30	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	384.42	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	411.54	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	440.57	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	467.69	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	494.83	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	521.94	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	550.97	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	578.09	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1129	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	605.23	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	634.21	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	661.33	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	688.49	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	357.30	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	386.88	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	416.48	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	446.08	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.55	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	507.15	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	536.79	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	566.34	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	597.80	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	627.43	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	657.02	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	688.49	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	718.09	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	747.69	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1147		Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0892)*		
08 71 11 00-1148	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	110.85	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	118.35	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	125.92	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	133.42	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.85	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	150.37	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	157.92	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	165.44	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	174.80	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	182.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.89	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	199.31	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	206.83	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	214.37	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	131.55	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	140.99	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	150.38	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	159.80	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	171.07	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.51	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.90	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	199.31	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.61	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	220.03	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	229.42	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	240.75	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	250.14	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	259.55	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1176	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	152.27	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	163.58	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	174.86	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	186.17	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	199.31	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.64	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	221.95	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	233.23	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	246.40	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.68	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.97	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	282.14	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	293.47	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	304.76	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1190	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	174.83	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	188.03	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.21	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	214.38	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	229.42	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	242.62	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	255.79	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.97	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	284.04	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	297.21	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.39	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	325.45	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	338.67	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	351.84	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1204	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	246.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	266.76	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	286.50	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	306.24	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	327.84	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	347.58	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	367.34	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	387.08	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	408.69	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	428.43	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	448.17	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	469.77	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	489.51	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	509.25	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	273.44	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1219	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	295.61	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	317.73	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	339.90	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	363.88	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	386.03	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	408.18	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	430.32	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	454.32	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.48	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	498.65	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	522.64	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	544.81	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	566.93	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1232	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	302.35	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	327.00	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	351.57	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	376.22	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	402.66	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	427.26	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	451.89	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.48	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	502.99	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	527.57	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	552.17	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	578.66	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	603.26	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	627.88	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	329.43	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	356.52	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	383.58	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	410.63	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	439.60	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	466.65	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	493.72	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	520.78	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	549.74	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	576.79	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	603.86	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	632.79	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	659.84	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	686.94	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1260	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	356.52	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	386.03	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	415.56	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	445.09	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.48	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	506.01	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	535.59	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	565.07	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	596.46	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	626.01	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	655.54	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	686.94	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	716.46	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	745.99	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1274		**Satin Nickel Finish, Stainless Kick Plate** *(08 71 11 00-0892)*		
08 71 11 00-1275	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	112.63	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	120.29	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	128.02	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	135.68	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1279	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	145.27	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	152.95	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	160.66	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	168.34	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	177.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	185.59	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	193.28	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	202.85	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	210.54	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1288		EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	218.24	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289		EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	133.77	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290		EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	143.41	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291		EA	10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate	153.00	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292		EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	162.62	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293		EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	174.09	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294		EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	183.73	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295		EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	193.33	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296		EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	202.94	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297		EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	214.44	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298		EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.06	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299		EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	233.65	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300		EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	245.18	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301		EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	254.78	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302		EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	264.39	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303		EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	154.93	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304		EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	166.48	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305		EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	178.01	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306		EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	189.56	6.99
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1307		EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	202.94	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308		EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	214.51	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309		EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	226.06	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310		EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	237.59	7.46
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311		EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	251.00	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312		EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.52	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313		EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	274.05	7.93
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314		EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	287.46	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315		EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	299.04	8.39
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1316	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	310.56	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	177.94	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1318	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	191.42	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1319	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	204.87	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	218.38	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	233.65	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	247.13	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	260.59	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	274.05	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	289.40	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	302.86	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	316.31	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	331.65	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	345.16	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	358.62	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	251.64	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	271.83	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	291.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	312.15	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	334.18	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	354.34	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	374.52	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	394.69	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	416.72	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	436.88	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	457.04	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	479.07	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	499.23	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1344	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	519.39	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	278.65	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	301.30	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	323.89	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	346.54	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	370.99	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	393.61	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	416.23	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	438.85	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	463.32	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.96	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	508.61	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	533.06	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	555.71	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	578.31	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	308.14	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	333.32	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	358.42	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	383.59	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1363	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	410.56	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	435.69	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	460.84	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.96	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	513.00	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	538.10	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	563.23	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	590.24	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	615.37	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1372	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	640.52	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	335.80	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	363.48	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	391.11	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	418.74	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	448.29	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	475.92	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	503.57	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	531.20	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	560.74	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	588.37	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	616.03	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	645.53	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	673.16	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	700.84	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	363.48	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	393.61	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	423.77	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	453.93	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.96	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	516.12	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	546.33	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	576.45	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	608.47	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	638.65	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	668.81	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	700.84	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1399	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	731.00	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1400	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	761.16	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1401		Stainless Base Material Kick Plate *(08 71 11 00-0763)*		
08 71 11 00-1402		Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*		
08 71 11 00-1403	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.35	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.69	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.95	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.32	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.47	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.74	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.10	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.39	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.57	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.88	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.17	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.36	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.67	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.97	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.70	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.61	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.50	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.36	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.13	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.02	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.89	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.75	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.55	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.41	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.28	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1428	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.06	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.95	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.81	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.07	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.58	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.99	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.45	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.75	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.24	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.68	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.16	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.46	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.94	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.43	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.74	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.22	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.66	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.28	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1446	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.31	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.37	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.41	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.28	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.34	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.43	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.36	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.34	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.40	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.32	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.35	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.41	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.95	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.11	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.06	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.78	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.73	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	115.68	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.61	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.41	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.39	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	137.34	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	144.54	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.05	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	154.01	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.59	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.05	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.46	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.89	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.21	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.62	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.05	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	129.46	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	136.79	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.22	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	147.63	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1484	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	154.95	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	160.40	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.81	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.10	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.13	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.18	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.19	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.11	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	130.16	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	136.17	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.22	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.11	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	156.16	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	162.21	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	170.09	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.14	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.17	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.73	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.40	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.00	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.67	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.14	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.81	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.44	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	153.09	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	161.57	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	168.22	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	174.89	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.36	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.03	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	196.63	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.40	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.62	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.88	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.11	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.22	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.46	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	156.71	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	163.95	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	173.06	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	180.30	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	187.54	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	196.63	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	203.90	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	211.17	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1529 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*

08 71 11 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	87.75	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	93.20	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	98.62	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.05	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	111.33	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.79	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.20	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.66	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.91	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1540	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.83	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.11	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.55	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	163.96	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	102.69	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.47	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.29	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.08	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.71	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1549	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.51	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.33	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	152.12	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.75	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	167.55	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	174.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.99	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	189.80	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.60	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.62	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	125.80	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.95	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.11	6.99
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	152.12	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.23	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	168.41	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.56	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	186.58	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	194.73	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	212.91	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	221.04	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	229.19	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.45	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1573	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	143.97	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.48	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	174.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	183.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	193.37	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.86	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	214.27	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	223.78	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	233.29	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	244.67	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	254.13	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	263.65	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.38	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.23	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.15	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.00	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	194.73	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	205.60	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	216.45	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	227.32	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	240.07	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	250.92	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1596	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	261.79	8.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	274.52	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	285.42	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.29	8.85
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	165.92	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.34	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	190.67	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	203.09	7.46
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	217.32	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	229.64	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	242.06	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	261.46	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	268.68	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	281.05	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	293.42	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	307.65	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	320.03	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	332.40	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.94	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.67	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.43	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.16	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	239.78	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	253.56	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	267.27	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	281.05	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.62	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	310.39	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1624	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	324.15	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	339.75	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	353.50	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	367.24	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.06	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	213.17	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	228.28	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	243.40	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	260.41	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.54	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	290.68	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	305.79	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	322.77	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	337.88	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	352.99	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	369.98	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	385.14	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	400.25	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	213.17	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	229.64	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	246.16	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.66	7.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	281.05	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	297.52	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	314.02	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	330.54	8.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	348.89	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1651	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	365.37	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1652	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	381.89	8.85
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	400.25	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	416.77	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	433.24	9.33
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1656 Plastic Kick Plate *(08 71 11 00-0763)*

08 71 11 00-1657 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1656)*

Note: With four beveled edges.

08 71 11 00-1658	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	46.81	6.99
08 71 11 00-1659	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.49	6.99
08 71 11 00-1660	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.24	6.99
08 71 11 00-1661	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.95	6.99
08 71 11 00-1662	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.53	7.46
08 71 11 00-1663	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.24	7.46
08 71 11 00-1664	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.92	7.46
08 71 11 00-1665	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.67	7.46
08 71 11 00-1666	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.31	7.93
08 71 11 00-1667	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.92	7.93
08 71 11 00-1668	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.67	7.93
08 71 11 00-1669	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.24	8.39
08 71 11 00-1670	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.97	8.39
08 71 11 00-1671	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.67	8.39
08 71 11 00-1672	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.51	6.99
08 71 11 00-1673	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.67	6.99
08 71 11 00-1674	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.79	6.99
08 71 11 00-1675	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.92	6.99
08 71 11 00-1676	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.94	7.46
08 71 11 00-1677	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.06	7.46
08 71 11 00-1678	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.22	7.46
08 71 11 00-1679	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.34	7.46
08 71 11 00-1680	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.37	7.93
08 71 11 00-1681	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.49	7.93
08 71 11 00-1682	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.65	7.93
08 71 11 00-1683	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.64	8.39
08 71 11 00-1684	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.80	8.39
08 71 11 00-1685	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.92	8.39
08 71 11 00-1686	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.23	6.99
08 71 11 00-1687	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.81	6.99
08 71 11 00-1688	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.35	6.99
08 71 11 00-1689	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.95	6.99
08 71 11 00-1690	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.34	7.46
08 71 11 00-1691	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.94	7.46
08 71 11 00-1692	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.52	7.46
08 71 11 00-1693	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.08	7.46
08 71 11 00-1694	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.48	7.93
08 71 11 00-1695	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.05	7.93
08 71 11 00-1696	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.65	7.93
08 71 11 00-1697	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.06	8.39
08 71 11 00-1698	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.66	8.39
08 71 11 00-1699	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.20	8.39
08 71 11 00-1700	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.79	7.46
08 71 11 00-1701	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.81	7.46
08 71 11 00-1702	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.78	7.46
08 71 11 00-1703	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.79	7.46
08 71 11 00-1704	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.65	7.93
08 71 11 00-1705	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.62	7.93
08 71 11 00-1706	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.64	7.93
08 71 11 00-1707	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.65	7.93
08 71 11 00-1708	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.50	8.39
08 71 11 00-1709	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.51	8.39
08 71 11 00-1710	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.51	8.39
08 71 11 00-1711	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.34	8.85
08 71 11 00-1712	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.36	8.85
08 71 11 00-1713	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.33	8.85
08 71 11 00-1714	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.15	7.46
08 71 11 00-1715	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.10	7.46
08 71 11 00-1716	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.99	7.46
08 71 11 00-1717	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.94	7.46
08 71 11 00-1718	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.75	7.93
08 71 11 00-1719	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.68	7.93
08 71 11 00-1720	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.63	7.93
08 71 11 00-1721	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.54	7.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.36	8.39
08 71 11 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.29	8.39
08 71 11 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.24	8.39
08 71 11 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.05	8.85
08 71 11 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.94	8.85
08 71 11 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.89	8.85
08 71 11 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.53	7.46
08 71 11 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.98	7.46
08 71 11 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.39	7.46
08 71 11 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.84	7.46
08 71 11 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	196.43	7.93
08 71 11 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.54	7.93
08 71 11 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.99	7.93
08 71 11 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.40	7.93
08 71 11 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.72	8.39
08 71 11 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.15	8.39
08 71 11 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.56	8.39
08 71 11 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.87	8.85
08 71 11 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.28	8.85
08 71 11 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.73	8.85
08 71 11 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.82	7.93
08 71 11 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.75	7.93
08 71 11 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.66	7.93
08 71 11 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.58	7.93
08 71 11 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.38	8.39
08 71 11 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.29	8.39
08 71 11 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.22	8.39
08 71 11 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.15	8.39
08 71 11 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.92	8.85
08 71 11 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.84	8.85
08 71 11 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.75	8.85
08 71 11 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	145.55	9.33
08 71 11 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.48	9.33
08 71 11 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	155.39	9.33
08 71 11 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.25	7.93
08 71 11 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.63	7.93
08 71 11 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.06	7.93
08 71 11 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.45	7.93
08 71 11 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.77	8.39
08 71 11 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.19	8.39
08 71 11 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.58	8.39
08 71 11 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.01	8.39
08 71 11 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.25	8.85
08 71 11 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.68	8.85
08 71 11 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.11	8.85
08 71 11 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.36	9.33
08 71 11 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.79	9.33
08 71 11 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.18	9.33
08 71 11 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.63	7.93
08 71 11 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.54	7.93
08 71 11 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.47	7.93
08 71 11 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.37	7.93
08 71 11 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.15	8.39
08 71 11 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.03	8.39
08 71 11 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.94	8.39
08 71 11 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	139.87	8.39
08 71 11 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	147.63	8.85
08 71 11 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	153.52	8.85
08 71 11 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.42	8.85
08 71 11 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.18	9.33
08 71 11 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	173.12	9.33
08 71 11 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	179.03	9.33

08 71 11 00-1784 Mop Plate *(08 71 11 00-0762)*
Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1785)*

08 71 11 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.40	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.63	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.81	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.04	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1791	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.38	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1792	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.56	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1793	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.79	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1794	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	49.97	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1795	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.79	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1796	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.99	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1797	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.19	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1798	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.26	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1799	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.48	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1800	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.66	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1801	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.04	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1802	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.85	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1803	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.68	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1804	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.48	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1805	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.43	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1806	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	57.21	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1807	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.06	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1808	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.85	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1809	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.26	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1810	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.07	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1811	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.90	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1812	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	71.56	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1813	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.39	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1814	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.17	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1815 Brass Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1816 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1817	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	66.14	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1818	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	69.72	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1819	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	73.26	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1820	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	76.82	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1821	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	81.48	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1822	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	85.02	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1823	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	88.58	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1824	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	92.12	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1825	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	97.27	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1826	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	100.81	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1827	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	104.35	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1828	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	109.77	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1829	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	113.31	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1830	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	116.89	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	85.69	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	91.00	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	96.33	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	101.64	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	108.09	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	113.44	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	118.73	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	124.08	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	130.95	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	136.31	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	141.64	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	148.81	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	154.14	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	159.45	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1845 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1846	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	70.03	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1847	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	73.92	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	77.82	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	81.73	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	86.73	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	90.68	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	94.54	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	98.42	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	103.92	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	107.85	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	111.75	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	117.52	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1858	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	121.40	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1859	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.30	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1860	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	91.48	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	97.30	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	103.17	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	109.04	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	115.98	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	121.85	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	127.68	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	133.55	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	141.01	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	146.83	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	152.70	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	160.38	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	166.25	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	172.10	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1875	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	70.73	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	74.69	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	78.66	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	82.61	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	87.71	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	91.68	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	95.66	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	99.63	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	105.15	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	109.13	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	113.10	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	118.94	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	122.91	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1888	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	126.84	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1889	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	92.53	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	98.51	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	104.45	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	121.97	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	117.45	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	123.39	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	129.33	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	135.27	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	142.85	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	148.79	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	154.73	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	162.53	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	168.47	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1902	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	174.41	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1903		Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1815)*		
08 71 11 00-1904	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	71.54	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	75.54	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	79.60	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	83.64	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	88.81	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	92.83	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	96.87	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	100.91	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	106.57	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	110.59	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	114.61	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	120.53	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	124.57	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1917	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	128.57	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1918	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	93.74	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1919	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	99.79	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	105.84	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	111.90	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	119.07	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	125.12	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	131.17	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	137.25	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	144.89	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	150.96	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	157.02	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	164.93	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	170.98	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	177.06	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1932		Stainless Base Material Mop Plate *(08 71 11 00-1784)*			
08 71 11 00-1933		Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*			
08 71 11 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		41.57	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		42.85	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		44.17	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		45.47	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		47.92	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		49.24	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		50.52	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		51.84	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		54.73	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		56.06	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		57.38	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1945	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		60.52	7.93
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1946	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		61.85	7.93
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1947	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		63.15	7.93
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1948	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		48.74	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1949	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		50.72	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1950	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		52.69	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1951	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		54.67	6.81
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1952	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		57.73	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1953	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		59.70	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1954	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		61.68	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1955	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		63.65	7.09
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1956	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		67.22	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1957	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		69.16	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1958	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		71.12	7.46
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	
08 71 11 00-1959	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate		74.97	7.93
		For Four Beveled Edges, Add		*1.76*	
		For UL Label (Fire Rated), Add		*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1960	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.91	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1961	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.90	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1962		Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*		
08 71 11 00-1963	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	58.75	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	61.65	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	64.54	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	67.38	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	71.40	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.27	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	77.16	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	80.05	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	84.49	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	87.38	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	90.27	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	95.00	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.89	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1976	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	100.74	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1977	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.57	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1978	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	78.93	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	83.25	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	87.56	6.81
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	92.98	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.29	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	101.61	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.92	7.09
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.85	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	116.17	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	120.48	7.46
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1988	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	126.66	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	130.95	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	135.27	7.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1991		Plastic Mop Plate *(08 71 11 00-1784)*		
08 71 11 00-1992		Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-1991)*		
		Note: With four beveled edges.		
08 71 11 00-1993	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	39.74	6.81
		Note: 4 sides beveled.		
08 71 11 00-1994	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.89	6.81
		Note: 4 sides beveled.		
08 71 11 00-1995	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	42.05	6.81
		Note: 4 sides beveled.		
08 71 11 00-1996	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	43.20	6.81
		Note: 4 sides beveled.		
08 71 11 00-1997	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	45.46	7.09
		Note: 4 sides beveled.		
08 71 11 00-1998	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	46.60	7.09
		Note: 4 sides beveled.		
08 71 11 00-1999	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	47.75	7.09
		Note: 4 sides beveled.		
08 71 11 00-2000	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	48.91	7.09
		Note: 4 sides beveled.		
08 71 11 00-2001	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	51.65	7.46
		Note: 4 sides beveled.		
08 71 11 00-2002	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	52.79	7.46
		Note: 4 sides beveled.		
08 71 11 00-2003	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	53.93	7.46
		Note: 4 sides beveled.		
08 71 11 00-2004	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	56.94	7.93
		Note: 4 sides beveled.		
08 71 11 00-2005	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	58.10	7.93
		Note: 4 sides beveled.		
08 71 11 00-2006	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	59.25	7.93
		Note: 4 sides beveled.		
08 71 11 00-2007	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	46.05	6.81
		Note: 4 sides beveled.		
08 71 11 00-2008	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	47.79	6.81
		Note: 4 sides beveled.		
08 71 11 00-2009	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	49.51	6.81
		Note: 4 sides beveled.		
08 71 11 00-2010	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	51.22	6.81
		Note: 4 sides beveled.		
08 71 11 00-2011	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	54.08	7.09
		Note: 4 sides beveled.		
08 71 11 00-2012	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	55.80	7.09
		Note: 4 sides beveled.		
08 71 11 00-2013	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	57.51	7.09
		Note: 4 sides beveled.		
08 71 11 00-2014	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	59.23	7.09
		Note: 4 sides beveled.		
08 71 11 00-2015	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	62.56	7.46
		Note: 4 sides beveled.		
08 71 11 00-2016	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	64.27	7.46
		Note: 4 sides beveled.		
08 71 11 00-2017	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	65.99	7.46
		Note: 4 sides beveled.		
08 71 11 00-2018	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	69.58	7.93
		Note: 4 sides beveled.		
08 71 11 00-2019	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	71.30	7.93
		Note: 4 sides beveled.		
08 71 11 00-2020	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	73.01	7.93
		Note: 4 sides beveled.		
08 71 11 00-2021		Armor Door Plate *(08 71 11 00-0762)*		
		Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2022	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	23.97	1.17
08 71 11 00-2023	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	22.95	0.91
08 71 11 00-2024	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	26.39	1.17
08 71 11 00-2025	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	25.37	0.91
08 71 11 00-2026	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	54.15	1.17
08 71 11 00-2027	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	53.13	0.91
08 71 11 00-2028		Pull Handle And Plates *(08 71 11 00-0762)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2029		**Pull Handle** *(08 71 11 00-2028)*		
08 71 11 00-2030	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	50.23	7.69
		For Stainless Steel, Add	*8.18*	
		For Brass, Add	*11.10*	
08 71 11 00-2031	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	52.76	7.69
		For Stainless Steel, Add	*9.24*	
		For Brass, Add	*12.54*	
08 71 11 00-2032	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	56.74	7.69
		For Stainless Steel, Add	*10.91*	
		For Brass, Add	*14.81*	
08 71 11 00-2033	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	58.95	7.69
		For Stainless Steel, Add	*11.84*	
		For Brass, Add	*16.07*	
08 71 11 00-2034	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	62.95	7.69
		For Stainless Steel, Add	*13.52*	
		For Brass, Add	*18.35*	
08 71 11 00-2035	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	68.12	7.69
		For Stainless Steel, Add	*15.69*	
		For Brass, Add	*21.30*	
08 71 11 00-2036	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	52.95	7.69
		For Stainless Steel, Add	*9.32*	
		For Brass, Add	*12.65*	
08 71 11 00-2037	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	58.46	7.69
		For Stainless Steel, Add	*11.63*	
		For Brass, Add	*15.79*	
08 71 11 00-2038	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	59.37	7.69
		For Stainless Steel, Add	*12.02*	
		For Brass, Add	*16.31*	
08 71 11 00-2039	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	115.05	7.69
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*15.93*	
		For Brass, Add	*14.67*	
08 71 11 00-2040	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	118.46	7.69
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*16.58*	
		For Brass, Add	*15.26*	
08 71 11 00-2041	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	125.32	7.69
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*17.87*	
		For Brass, Add	*16.45*	
08 71 11 00-2042	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	165.03	7.69
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*25.38*	
		For Brass, Add	*23.36*	
08 71 11 00-2043		**Pull Plate** *(08 71 11 00-2028)*		
08 71 11 00-2044	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	78.80	5.83
		For Stainless Steel, Add	*32.75*	
		For Brass, Add	*41.63*	
08 71 11 00-2045	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	80.73	5.83
		For Stainless Steel, Add	*33.88*	
		For Brass, Add	*43.07*	
08 71 11 00-2046	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	85.13	5.83
		For Stainless Steel, Add	*36.48*	
		For Brass, Add	*46.37*	
08 71 11 00-2047		**Push Bars And Plates** *(08 71 11 00-0762)*		
08 71 11 00-2048		**Push Bars** *(08 71 11 00-2047)*		
08 71 11 00-2049	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	207.51	5.83
08 71 11 00-2050	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	211.24	5.83
		For Brass Push Bar, Add	*32.70*	
08 71 11 00-2051	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	219.12	5.83
		For Brass Push Bar, Add	*34.07*	
08 71 11 00-2052	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	414.95	5.83
		For Brass Push Bar, Add	*68.15*	
08 71 11 00-2053		**Push Plates** *(08 71 11 00-2047)*		
08 71 11 00-2054		**Aluminum Push Plates** *(08 71 11 00-2053)*		
08 71 11 00-2055		**Clear Anodized Finish, Aluminum Push Plates** *(08 71 11 00-2054)* Note: Ives 8200 Series.		
08 71 11 00-2056	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	37.24	5.83
08 71 11 00-2057	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	37.24	5.83
08 71 11 00-2058	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	37.24	5.83
08 71 11 00-2059	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	40.77	5.83
08 71 11 00-2060		**Stainless Steel Push Plates** *(08 71 11 00-2053)*		
08 71 11 00-2061		**Satin Finish, Stainless Steel Push Plates** *(08 71 11 00-2060)* Note: Ives 8200 Series.		
08 71 11 00-2062	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	37.24	5.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2063	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	39.96	5.83
08 71 11 00-2064	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	46.15	5.83
08 71 11 00-2065	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	55.32	5.83
08 71 11 00-2066		Brass Push Plates *(08 71 11 00-2053)*		
08 71 11 00-2067		Bright/Satin Brass Finish, Brass Push Plates *(08 71 11 00-2066)* Note: Ives 8200 Series.		
08 71 11 00-2068	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	45.53	5.83
08 71 11 00-2069	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	52.49	5.83
08 71 11 00-2070	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	69.26	5.83
08 71 11 00-2071	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	80.28	5.83
08 71 11 00-2072		Bright/Satin Chrome Finish, Brass Push Plates *(08 71 11 00-2066)* Note: Ives 8200 Series.		
08 71 11 00-2073	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	51.10	5.83
08 71 11 00-2074	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	56.76	5.83
08 71 11 00-2075	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	72.12	5.83
08 71 11 00-2076	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	87.27	5.83
08 71 11 00-2077		Satin/Dark Bronze Finish, Brass Push Plates *(08 71 11 00-2066)* Note: Ives 8200 Series.		
08 71 11 00-2078	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	51.10	5.83
08 71 11 00-2079	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	56.76	5.83
08 71 11 00-2080	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	74.83	5.83
08 71 11 00-2081	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	88.78	5.83
08 71 11 00-2082		Satin Nickel Finish, Brass Push Plates *(08 71 11 00-2066)* Note: Ives 8200 Series.		
08 71 11 00-2083	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	51.10	5.83
08 71 11 00-2084	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	58.17	5.83
08 71 11 00-2085	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	79.12	5.83
08 71 11 00-2086	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	93.07	5.83
08 71 11 00-2087		Exit Devices *(08 71 11)*		
08 71 11 00-2088		Push Bar Exit Device, Von Duprin Series 22 *(08 71 11 00-2087)* Note: Grade 1, BHMA 156.3.		
08 71 11 00-2089	EA	3' Push Bar, Rim Type, Exit Device Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.	637.85	104.87
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2090	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F.	708.72	104.87
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2091	EA	3' Push Bar, Surface Vertical Rods, Exit Device Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227.	923.19	125.85
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2092	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F.	1,099.71	116.53
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2093	EA	Dummy Trim (Von Duprin Series 22, 210DT) Note: Anodized finish: aluminum or dark brown.	86.66	17.48
08 71 11 00-2094	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL) Note: Anodized finish: aluminum or dark brown.	191.93	23.30
08 71 11 00-2095	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K) Note: Anodized finish: aluminum or dark brown.	353.91	34.96
08 71 11 00-2096	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L) Note: Anodized finish: aluminum or dark brown.	350.65	34.96
08 71 11 00-2097	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP) Note: Anodized finish: aluminum or dark brown.	349.83	34.96
08 71 11 00-2098	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE) Note: Anodized finish: aluminum or dark brown.	273.82	34.96
08 71 11 00-2099	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO) Note: Anodized finish: aluminum or dark brown.	110.84	13.99
08 71 11 00-2100	EA	Dummy Trim (Von Duprin Series 22, 230DT) Note: Anodized finish: aluminum or dark brown.	128.33	17.48
08 71 11 00-2101	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL) Note: Anodized finish: aluminum or dark brown.	235.24	23.30
08 71 11 00-2102	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE) Note: Anodized finish: aluminum or dark brown.	270.56	34.96
08 71 11 00-2103	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE) Note: Anodized finish: aluminum or dark brown.	269.74	34.96
08 71 11 00-2104		Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 *(08 71 11 00-2087)* Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2105	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device	1,190.88	104.87
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*93.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*179.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*34.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*266.07*	
08 71 11 00-2106	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device	1,617.01	125.85
		Note: Aluminum anodized finish. Von Duprin Series 3327/3527.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*131.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*251.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*48.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*374.17*	
08 71 11 00-2107	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device	1,648.06	125.85
		Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*134.40*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*257.90*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*49.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*383.24*	
08 71 11 00-2108	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device	1,679.72	144.49
		Note: Aluminum anodized finish. Von Duprin Series 3347/3547.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*132.39*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*254.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*49.13*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*377.51*	
08 71 11 00-2109	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device	1,759.81	144.49
		Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*140.59*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*269.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*52.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*400.90*	
08 71 11 00-2110	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device	1,871.77	144.49
		Note: Aluminum anodized finish. Von Duprin Series 3348/3548.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*152.05*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*291.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*56.43*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*433.59*	
08 71 11 00-2111	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device	1,951.86	144.49
		Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*160.25*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*307.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*59.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*456.98*	
08 71 11 00-2112	EA	Dummy Trim (Von Duprin Series 33/35, DT)	265.62	17.48
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*43.04*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.95*	
08 71 11 00-2113	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)	334.94	23.30
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*52.99*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*78.75*	
08 71 11 00-2114	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL)	531.89	23.30
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*91.69*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*136.26*	
08 71 11 00-2115	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)	666.92	34.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*112.73*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.80*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*167.52*	
08 71 11 00-2116	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)	640.76	34.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*107.59*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*159.88*	
08 71 11 00-2117	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)	628.50	34.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*105.18*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*156.30*	
08 71 11 00-2118	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T)	634.22	34.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*106.31*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*157.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2119		Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 11 00-2087)*		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2120	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99)	1,055.22	104.87
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*47.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*75.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*120.21*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*245.85*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*77.56*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*114.01*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2121	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F)	1,190.88	104.87
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*55.58*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*141.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*288.85*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*91.12*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*133.95*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2122	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99)	1,145.93	104.87
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*52.84*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*84.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*134.27*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*274.60*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*86.63*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*127.34*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2123	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F)	1,278.32	104.87
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*60.92*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*96.87*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*154.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*316.57*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*99.87*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*146.80*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2124	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927)	1,493.61	125.85
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*70.64*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*112.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*179.49*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*367.09*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*115.80*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*170.23*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2125	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F)	1,677.49	125.85
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*81.86*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*130.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*207.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*425.38*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*134.19*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*197.26*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2126	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947)	1,575.12	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*110.51*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*115.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*184.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*376.68*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*118.83*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*174.67*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2127	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F)	1,763.08	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*127.99*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*133.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*213.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*436.26*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*137.62*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*202.30*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2128	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948)	1,767.17	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*128.37*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*133.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*213.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*437.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.03*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*202.90*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2129	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F)	1,955.13	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*145.85*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*152.12*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*243.08*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*497.14*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*156.83*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*230.53*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2130	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	1,711.59	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*123.20*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*128.50*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*205.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*419.94*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*132.47*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*194.73*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2131	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	1,923.26	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*142.88*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*149.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*238.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*487.04*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*153.64*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*225.85*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2132	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,851.56	125.85
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*92.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*147.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*234.97*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*480.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*151.60*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*222.85*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2133	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,973.33	125.85
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*99.90*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*158.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*253.85*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*519.16*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*163.77*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*240.75*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2134	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,483.08	130.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*41.94*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*109.95*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*175.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*359.32*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*113.35*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*166.62*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2135	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,621.18	130.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*47.05*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*123.35*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*197.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*403.10*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*127.16*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*186.93*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2136	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,633.14	144.49
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*115.90*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*120.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*193.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*395.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*124.63*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*183.20*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2137	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F)	1,770.43	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*128.67*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*214.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*438.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.36*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*203.38*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2138	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC)	1,775.33	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*129.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.68*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*215.21*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*440.14*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.85*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*204.10*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2139	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F)	2,020.50	144.49
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*151.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*158.46*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*253.21*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*517.86*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*163.36*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*240.14*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Cylinder Dogging Indicator (CI), Add	*144.05*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2140	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	2,290.07	121.19
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*304.39*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*622.52*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*196.38*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*73.05*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*82.09*	
		For Center Case Dogging (CD-CX), Add	*233.64*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2141	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F)	2,425.73	121.19
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*325.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*665.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*209.95*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*78.10*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*87.76*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2142	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975)	2,727.25	149.16
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*359.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*735.99*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*232.17*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*86.37*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*97.05*	
		For Center Case Dogging (CD-CX), Add	*233.64*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2143	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,865.36	149.16
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*381.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*779.77*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*245.99*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*91.51*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.82*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2144	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,489.20	121.19
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*180.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*368.65*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*116.29*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*43.26*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*66.75*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2145	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,624.86	121.19
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*201.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*411.65*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*129.86*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*48.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.54*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2146	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,926.37	149.16
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*235.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*482.11*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*152.09*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*56.58*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*87.30*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*51.69*	
		For Special Center Case Dogging (SD), Add	*216.41*	
		For Dogging Indicator (DI), Add	*132.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2147	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,064.48	149.16
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*257.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*525.89*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*165.90*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*61.71*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*95.22*	
		For Quiet Electric Latch Retraction (QEL), Add	*620.02*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*66.86*	
		For Safety Glow Touchpad, Add	*241.22*	
08 71 11 00-2148	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO) Note: Satin chrome plated US26D (BHMA 626) finish.	124.13	13.99
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*2.61*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*3.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*14.76*	
08 71 11 00-2149	EA	Dummy Trim (Von Duprin Series 98/99, 990DT) Note: Satin chrome plated US26D (BHMA 626) finish.	181.69	17.48
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*4.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*6.08*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*22.96*	
08 71 11 00-2150	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	290.08	23.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*38.22*	
08 71 11 00-2151	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	209.99	23.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*4.34*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*6.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*24.60*	
08 71 11 00-2152	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	485.51	34.96
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2153	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L)	405.43	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.05*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.08*	
08 71 11 00-2154	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE)	405.43	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.05*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.08*	
08 71 11 00-2155	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL)	416.59	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.70*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*54.97*	
08 71 11 00-2156	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL)	336.51	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*41.36*	
08 71 11 00-2157	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT))	336.51	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*41.36*	
08 71 11 00-2158	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K)	405.57	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.06*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.10*	
08 71 11 00-2159	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K)	325.49	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*39.49*	
08 71 11 00-2160	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)	325.49	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*39.49*	
08 71 11 00-2161	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)	399.37	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.18*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.05*	
08 71 11 00-2162	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)	319.28	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*38.43*	
08 71 11 00-2163	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)	319.28	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*38.43*	
08 71 11 00-2164	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)	365.59	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.17*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.26*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*46.30*	
08 71 11 00-2165	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)	285.51	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*32.69*	
08 71 11 00-2166	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)	285.51	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*32.69*	
08 71 11 00-2167	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)	307.33	34.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.42*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*36.40*	

08 71 11 00-2168 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2087)*

08 71 11 00-2169	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	805.01	34.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2170	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	688.38	34.96
		For Battery Backup (Includes Board And 2 Batteries), Add	*58.09*	
		For Fire Alarm Interface, Add	*29.05*	
		For 2 Relay Panic Device Control Board, Add	*67.39*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*79.00*	
		For 4 Relay Output Board, Add	*65.06*	
		For 4 Relay Logic Board, Add	*178.45*	
		For Fused 8 Zone Distribution Board, Add	*23.24*	
08 71 11 00-2171	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	642.17	34.96
08 71 11 00-2172	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	348.61	34.96
		For Battery Backup (Includes Board And 2 Batteries), Add	*58.09*	
		For Fire Alarm Interface, Add	*29.05*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*79.00*	
		For 4 Relay Output Board, Add	*65.06*	
		For 4 Relay Logic Board, Add	*178.45*	
		For Fused 8 Zone Distribution Board, Add	*23.24*	
08 71 11 00-2173	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	574.61	34.96
		For Battery Backup (Includes Board And 2 Batteries), Add	*58.09*	
		For Fire Alarm Interface, Add	*29.05*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*79.00*	
		For 4 Relay Output Board, Add	*65.06*	
		For 4 Relay Logic Board, Add	*178.45*	
		For Fused 8 Zone Distribution Board, Add	*23.24*	
08 71 11 00-2174	EA	Request to Exit Push Pad Monitor Switch (RX)	178.25	23.30
08 71 11 00-2175		**Removable Verticals, Mullions (Von Duprin)** *(08 71 11 00-2087)*		
08 71 11 00-2176	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices.	469.14	23.30
		For Owner Furnished Material, Deduct	*-375.92*	
08 71 11 00-2177	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices.	498.56	23.30
		For Owner Furnished Material, Deduct	*-405.34*	
08 71 11 00-2178	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices.	815.90	23.30
		For Owner Furnished Material, Deduct	*-722.68*	
08 71 11 00-2179	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices.	801.61	27.97
		For Owner Furnished Material, Deduct	*-689.74*	
08 71 11 00-2180	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	831.03	27.97
		For Owner Furnished Material, Deduct	*-719.16*	
08 71 11 00-2181	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	895.59	27.97
		For Owner Furnished Material, Deduct	*-783.72*	
08 71 11 00-2182	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	675.08	23.30
		For Owner Furnished Material, Deduct	*-581.86*	
08 71 11 00-2183	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	705.32	23.30
		For Owner Furnished Material, Deduct	*-612.10*	
08 71 11 00-2184	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	766.61	23.30
		For Owner Furnished Material, Deduct	*-673.39*	
08 71 11 00-2185	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	1,039.42	27.97
		For Owner Furnished Material, Deduct	*-927.55*	
08 71 11 00-2186	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	1,069.66	27.97
		For Owner Furnished Material, Deduct	*-957.79*	
08 71 11 00-2187	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	2,019.85	27.97
		For Owner Furnished Material, Deduct	*-1,907.98*	
08 71 11 00-2188	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	98.58	18.64
		For Owner Furnished Material, Deduct	*-61.29*	
08 71 11 00-2189		**Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55** *(08 71 11 00-2087)* Note: Grade 1, BHMA 156.3.		
08 71 11 00-2190	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	1,840.57	104.87
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*196.67*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*226.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*298.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*324.67*	
08 71 11 00-2191	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	2,370.28	144.49
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*249.91*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*287.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*378.83*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*412.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2192	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated	2,591.75	144.49
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*277.81*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*319.71*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*421.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*458.62*	
08 71 11 00-2193	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile	2,425.03	144.49
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*256.81*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*295.53*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*389.29*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*423.94*	
08 71 11 00-2194	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated	2,639.96	144.49
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*283.89*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*326.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*430.34*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*468.64*	
08 71 11 00-2195	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile	1,838.56	130.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.61*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*215.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*284.40*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*309.71*	
08 71 11 00-2196	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated	1,983.21	130.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*205.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*236.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*312.02*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*339.80*	
08 71 11 00-2197	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55	315.48	17.48
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.88*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*38.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*51.35*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*55.92*	
08 71 11 00-2198	EA	Cylinder Assembly, Von Duprin Series 55	141.26	24.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.58*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*11.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*14.52*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*15.81*	
08 71 11 00-2199	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	532.71	24.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*58.90*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*67.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*89.28*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*97.23*	
08 71 11 00-2200	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	570.48	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*60.13*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*69.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*91.16*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*99.27*	
08 71 11 00-2201	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	464.24	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*46.75*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*53.80*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*70.86*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*77.17*	
08 71 11 00-2202	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	570.48	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*60.13*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*69.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*91.16*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*99.27*	
08 71 11 00-2203	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	657.11	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.05*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*81.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*107.70*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*117.29*	

08 71 11 00-2204 Cross Bar Exit Device, Von Duprin Series 88 *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2205	EA	42" Crossbar, Rim Type, Exit Device	1,164.73	104.87
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*27.44*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*28.32*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*241.62*	
08 71 11 00-2206	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,360.05	104.87
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.49*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*34.57*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*294.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2207	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,507.51	125.85
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*36.33*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*37.50*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*319.93*	
08 71 11 00-2208	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	1,930.00	125.85
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*49.43*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*51.02*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*435.27*	
08 71 11 00-2209	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,452.45	144.49
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.03*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*34.10*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*290.90*	
08 71 11 00-2210	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	1,836.63	144.49
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*44.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*46.39*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*395.78*	
08 71 11 00-2211	EA	42" Crossbar, Mortise Lock, Exit Device	1,559.07	130.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*37.49*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*38.70*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*330.19*	
08 71 11 00-2212	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	1,658.78	130.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*40.59*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*41.89*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*357.41*	
08 71 11 00-2213	EA	Dummy Trim (Von Duprin Series 88, DT)	175.74	17.48
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*4.00*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*4.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*35.25*	
08 71 11 00-2214	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	281.82	23.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*6.71*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*6.93*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*59.12*	
08 71 11 00-2215	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)	490.40	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*12.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*12.71*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*108.43*	
08 71 11 00-2216	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L)	457.70	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*11.30*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*11.66*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*99.50*	
08 71 11 00-2217	EA	Knob Trim With Cylinder (Von Duprin Series 88, K)	347.38	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.88*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*69.39*	
08 71 11 00-2218	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP)	347.38	34.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.88*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*69.39*	
08 71 11 00-2219		**Push Bar Exit Device, Precision Hardware Apex 2000 Series** *(08 71 11 00-2087)*		
		Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2220	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	1,675.63	104.87
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-1,395.96*	
08 71 11 00-2221	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	1,771.55	104.87
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-1,491.88*	
08 71 11 00-2222	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	2,305.84	125.85
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-1,970.24*	
08 71 11 00-2223	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	2,401.76	125.85
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-2,066.16*	
08 71 11 00-2224	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	203.90	13.99
		For Owner Furnished Material, Deduct	*-166.61*	
08 71 11 00-2225	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	552.74	17.48
		For Owner Furnished Material, Deduct	*-506.13*	
08 71 11 00-2226	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	599.35	34.96
		For Owner Furnished Material, Deduct	*-506.13*	
08 71 11 00-2227	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	725.57	34.96
		For Owner Furnished Material, Deduct	*-632.35*	
08 71 11 00-2228	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	725.57	34.96
		For Owner Furnished Material, Deduct	*-632.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2229	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	725.57	34.96
		For Owner Furnished Material, Deduct	*-632.35*	
08 71 11 00-2230	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	148.35	13.99
		For Owner Furnished Material, Deduct	*-111.06*	
08 71 11 00-2231	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	321.76	17.48
		For Owner Furnished Material, Deduct	*-275.15*	
08 71 11 00-2232	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	340.41	23.30
		For Owner Furnished Material, Deduct	*-275.15*	
08 71 11 00-2233	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	479.43	34.96
		For Owner Furnished Material, Deduct	*-386.21*	
08 71 11 00-2234	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	479.43	34.96
		For Owner Furnished Material, Deduct	*-386.21*	

08 71 11 00-2235 Door Closers *(08 71 11)*

Note: Includes standard cover and arm.

08 71 11 00-2236	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	400.51	27.03
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2237	EA	Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series)	489.43	27.03
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2238	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	503.56	27.03
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2239	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	521.26	27.03
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2240	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	333.91	27.03
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2241	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	336.89	27.03
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2242	EA	Screen Door - Closer	49.42	10.15
08 71 11 00-2243	EA	Screen Door - Locking Handle	53.06	14.57

08 71 11 00-2244 Concealed Door Closers *(08 71 11)*

08 71 11 00-2245	EA	Non Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,129.14	80.17
08 71 11 00-2246	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,212.48	80.17
08 71 11 00-2247	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	578.28	32.63
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2248	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	627.03	32.63
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2249 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2250 Locksmith Services *(08 71 11 00-2249)*

08 71 11 00-2251	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	1.42	
		For >50, Deduct	*-0.28*	
08 71 11 00-2252	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	111.91	
		For >5, Deduct	*-11.19*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2253	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	111.91	
		For >5, Deduct	*-11.19*	
08 71 11 00-2254	EA	Removal And Replacement Of Cylinder With New Cylinder	127.04	
		Note: Excludes core.		
		For >5, Deduct	*-11.19*	
08 71 11 00-2255	EA	Open Locked Doors	111.91	
08 71 11 00-2256	EA	Install Owner Furnished Cores And Cylinders	47.01	

08 71 11 00-2257 Mortise Locksets And Latchsets *(08 71 11 00-2249)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 11 00-2258	EA	Passage/Closet F01 Mortise Latchset	692.22	23.30
		Note: Both sides always unlocked.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*19.77*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*17.97*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*29.95*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*211.45*	
08 71 11 00-2259	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset	825.31	23.30
		Note: Locked with thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*24.16*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*21.96*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*36.60*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*258.43*	
08 71 11 00-2260	EA	Entrance/Office F04 Mortise Lockset	919.45	23.30
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*27.27*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*24.79*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*41.31*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*291.66*	
08 71 11 00-2261	EA	Classroom F05 Mortise Lockset	857.62	23.30
		Note: Locked with key outside. Inside always unlocked.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*25.23*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*22.93*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*38.22*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*269.83*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*73.09*	
08 71 11 00-2262	EA	Storeroom/Closet F07 Mortise Lockset	857.62	23.30
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*25.23*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*22.93*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*38.22*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*269.83*	
08 71 11 00-2263	EA	Entrance F08 Mortise Lockset	958.87	23.30
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*28.57*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*25.97*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*43.28*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*305.57*	
08 71 11 00-2264	EA	Dormitory/Exit F13 Mortise Lockset	824.38	23.30
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*24.13*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*21.93*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*36.56*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*258.10*	

08 71 11 00-2265 Locks And Latches *(08 71 11 00-2249)*

08 71 11 00-2266 Preassembled Locks And Latches *(08 71 11 00-2265)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.

08 71 11 00-2267	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	1,339.35	23.30
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*38.08*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*63.47*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*448.11*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*236.11*	
		For Grade 2, Deduct	*-493.81*	
08 71 11 00-2268	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220)	1,450.33	23.30
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*41.41*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*69.02*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*487.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*256.76*	
		For Grade 2, Deduct	*-536.98*	
08 71 11 00-2269	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	1,649.33	23.30
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*47.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*78.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*557.53*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*293.77*	
		For Grade 2, Deduct	*-614.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2270	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	1,649.33	23.30
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*47.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*78.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*557.53*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*293.77*	
		For Grade 2, Deduct	*-614.39*	
08 71 11 00-2271	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	1,649.33	23.30
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*47.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*78.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*557.53*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*293.77*	
		For Grade 2, Deduct	*-614.39*	
08 71 11 00-2272		**Bored Locks And Latches** *(08 71 11 00-2265)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2273	EA	Passage/Closet F75 Bored Latchset	234.36	23.30
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.23*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*7.06*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*49.82*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*26.25*	
		For Grade 2, Deduct	*-7.06*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*2.82*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2274	EA	Bath/Bedroom Privacy F76 Bored Lockset	268.01	23.30
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*5.24*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.74*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*61.70*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*32.51*	
		For Grade 2, Deduct	*-8.74*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.50*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2275	EA	Entrance/Office F82 Bored Lockset	295.15	23.30
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.06*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*71.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*37.56*	
		For Grade 2, Deduct	*-10.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.04*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2276	EA	Classroom F84 Bored Lockset	295.15	23.30
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.06*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*71.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*37.56*	
		For Grade 2, Deduct	*-10.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.04*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2277	EA	Storeroom/Closet F86 Bored Lockset	295.15	23.30
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.06*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*71.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*37.56*	
		For Grade 2, Deduct	*-10.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.04*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2278	EA	Corridor/Dormitory F90 Bored Lockset	295.15	23.30
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.06*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*71.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*37.56*	
		For Grade 2, Deduct	*-10.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.04*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2279		**Other Locks** *(08 71 11 00-2249)*		
		Note: BHMA A156.5.		
08 71 11 00-2280	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	753.75	121.19
08 71 11 00-2281	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,699.27	242.38
08 71 11 00-2282		**Pushbutton Combination Locks** *(08 71 11 00-2249)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2283		**Mechanical Pushbutton Combination Locks** *(08 71 11 00-2282)* Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2284		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 11 00-2283)* Note: Satin chrome or antique brass finish.		
08 71 11 00-2285	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	610.37	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2286	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	654.53	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2287	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	672.19	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2288	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	716.35	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2289	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	685.44	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2290	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	729.60	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2291	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	747.26	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2292	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	791.42	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2293		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)** *(08 71 11 00-2283)* Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2294	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	674.84	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2295	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	710.17	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2296	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	780.82	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2297	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	807.32	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2298	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	807.32	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2299	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	763.16	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2300		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)** *(08 71 11 00-2283)* Note: Satin chrome or antique brass finish.		
08 71 11 00-2301	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	813.50	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2302	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	840.00	58.75
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2303		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)** *(08 71 11 00-2283)* Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2304	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	356.89	58.75
08 71 11 00-2305	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	473.47	58.75
08 71 11 00-2306		**Electrical Pushbutton Combination Locks** *(08 71 11 00-2282)* Note: Privacy option limits access to privileged users (master codes).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2307		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2308	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	632.45	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2309	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	738.43	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2310	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	764.92	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2311	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	720.76	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2312	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	676.61	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2313	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	764.92	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2314	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	782.59	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2315	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	809.08	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2316	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	764.92	58.75
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2317		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2318	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	809.08	58.75
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2319	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	809.08	58.75
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2320		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2321	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	945.98	58.75
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2322	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	945.98	58.75
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2323		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2324	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,016.63	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2325	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,104.95	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2326	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,122.62	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2327	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,149.11	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2328	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,104.95	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2329		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2330	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,436.15	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2331	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,524.47	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2332	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,542.13	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2333	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,568.63	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2334	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,524.47	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*91.25*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2335		Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2336	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	2,036.72	58.75
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	
08 71 11 00-2337		Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2338	EA	Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,281.59	58.75
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2339		Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2306)*		
08 71 11 00-2340	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	629.60	
08 71 11 00-2341	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	806.23	
08 71 11 00-2342	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,071.19	
08 71 11 00-2343	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	319.21	
08 71 11 00-2344	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series)	97.69	
		Note: Includes 4 C-cell battery pack.		
08 71 11 00-2345	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	116.24	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2346		Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2347	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	787.00	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-551.99*	
08 71 11 00-2348	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	892.99	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-657.98*	
08 71 11 00-2349	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	919.48	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-684.47*	
08 71 11 00-2350	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	875.32	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-640.31*	
08 71 11 00-2351	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	831.16	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-596.15*	
08 71 11 00-2352	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	919.48	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-684.47*	
08 71 11 00-2353	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	937.15	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-702.14*	
08 71 11 00-2354	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	963.64	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-728.63*	
08 71 11 00-2355	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	919.48	58.75
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-684.47*	
08 71 11 00-2356		Electrical Pushbutton Combination Locks (Schlage) *(08 71 11 00-2306)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2357	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	915.28	58.26
		For Owner Furnished Material, Deduct	*-682.23*	
08 71 11 00-2358	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,068.43	58.26
		For Owner Furnished Material, Deduct	*-835.38*	
08 71 11 00-2359	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,212.63	58.26
		For Owner Furnished Material, Deduct	*-979.58*	
08 71 11 00-2360	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,600.49	58.26
		For Owner Furnished Material, Deduct	*-1,367.44*	
08 71 11 00-2361	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,754.63	58.26
		For Owner Furnished Material, Deduct	*-1,521.58*	
08 71 11 00-2362	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	1,935.63	58.26
		For Owner Furnished Material, Deduct	*-1,702.58*	
08 71 11 00-2363	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,774.53	58.26
		For Owner Furnished Material, Deduct	*-1,541.48*	
08 71 11 00-2364		Residential Locks And Latchsets *(08 71 11 00-2249)*		
08 71 11 00-2365	EA	Residential Entry Lockset With Knobs (Master Keyed)	71.36	14.10
08 71 11 00-2366	EA	Residential Privacy Lockset With Knobs	69.67	14.10
08 71 11 00-2367	EA	Residential Passage Lockset With Knobs	69.45	14.10
08 71 11 00-2368	EA	Residential Dummy Lockset With Knobs	54.74	11.75
08 71 11 00-2369	EA	Residential Entry Lockset With Levers (Master Keyed)	82.97	14.10
08 71 11 00-2370	EA	Residential Privacy Lockset With Levers	79.11	14.10
08 71 11 00-2371	EA	Residential Passage Lockset With Levers	76.32	14.10
08 71 11 00-2372	EA	Residential Dummy Lockset With Levers	56.07	11.75
08 71 11 00-2373		Deadbolts *(08 71 11 00-2249)*		
08 71 11 00-2374		Cylindrical Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2373)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2375	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	151.80	23.30
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2376	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	172.24	23.30
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2377		**Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 11 00-2373)* Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2378	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	137.79	23.30
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2379	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	160.12	23.30
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2380		**Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2373)* Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2381	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	196.17	23.30
08 71 11 00-2382	EA	Small Case Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	215.10	23.30
08 71 11 00-2383	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	192.39	23.30
08 71 11 00-2384		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2373)* Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2385	EA	Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	247.65	23.30
08 71 11 00-2386	EA	Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	278.69	23.30
08 71 11 00-2387	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	221.16	23.30
08 71 11 00-2388		**Surface Mounted Deadbolts** *(08 71 11 00-2373)*		
08 71 11 00-2389	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	107.30	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2390	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	120.97	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2391	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	131.85	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2392	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	145.53	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2393		**Surface Mounted Deadlatches** *(08 71 11 00-2249)*		
08 71 11 00-2394	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	108.37	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2395	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	131.90	23.30
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2396		**Electric Strikes** *(08 71 11 00-2249)*		
08 71 11 00-2397	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	327.21	46.61
08 71 11 00-2398	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	1,012.30	46.61
08 71 11 00-2399	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	965.94	46.61
08 71 11 00-2400	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	738.16	46.61
08 71 11 00-2401	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,017.24	46.61
08 71 11 00-2402	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	997.12	46.61
08 71 11 00-2403	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,089.93	46.61
08 71 11 00-2404	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,013.14	46.61
08 71 11 00-2405	EA	12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006)	611.28	46.61
08 71 11 00-2406	EA	12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	607.52	46.61
08 71 11 00-2407	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	284.36	46.61
08 71 11 00-2408	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	284.36	46.61
08 71 11 00-2409	EA	12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	372.14	46.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2410	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	682.58	46.61
08 71 11 00-2411	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	325.02	46.61
08 71 11 00-2412	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	625.25	46.61
08 71 11 00-2413	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500)	549.56	46.61
08 71 11 00-2414	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	649.32	61.53
08 71 11 00-2415	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	743.70	61.53
08 71 11 00-2416	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	649.82	61.53

08 71 11 00-2417 Electric Hardware *(08 71 11 00-2249)*

08 71 11 00-2418	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	182.40	
08 71 11 00-2419	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	213.95	
08 71 11 00-2420	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	106.22	23.30
08 71 11 00-2421	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	357.96	23.30
08 71 11 00-2422	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	636.95	23.30
08 71 11 00-2423	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	987.26	23.30
08 71 11 00-2424	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,092.05	23.30
08 71 11 00-2425	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,307.94	23.30
08 71 11 00-2426	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,591.04	23.30
08 71 11 00-2427	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	87.85	23.30
08 71 11 00-2428	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	90.02	23.30
08 71 11 00-2429	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	103.31	23.30
08 71 11 00-2430	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	105.95	23.30
08 71 11 00-2431	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	107.29	23.30
08 71 11 00-2432	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	114.92	23.30
08 71 11 00-2433	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	89.23	23.30
08 71 11 00-2434	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	99.88	23.30
08 71 11 00-2435	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	108.32	23.30
08 71 11 00-2436	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	122.90	23.30
08 71 11 00-2437	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	126.95	23.30
08 71 11 00-2438	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	102.55	23.30
08 71 11 00-2439	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	117.46	23.30
08 71 11 00-2440	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	67.12	23.30
08 71 11 00-2441	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	78.65	23.30
08 71 11 00-2442	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	84.75	23.30
08 71 11 00-2443	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	91.28	23.30
08 71 11 00-2444	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	125.27	23.30
08 71 11 00-2445	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	139.47	23.30
08 71 11 00-2446	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	71.83	23.30
08 71 11 00-2447	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	76.28	23.30
08 71 11 00-2448	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	89.53	23.30
08 71 11 00-2449	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	110.61	23.30
08 71 11 00-2450	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	129.47	23.30
08 71 11 00-2451	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	160.44	23.30
08 71 11 00-2452	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	79.25	23.30
08 71 11 00-2453	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	86.07	23.30
08 71 11 00-2454	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	676.94	23.30
08 71 11 00-2455	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	732.77	32.63

08 71 11 00-2456 Magnetic Locks *(08 71 11 00-2249)*

08 71 11 00-2457	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	744.57	111.86
08 71 11 00-2458	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	899.50	125.85
08 71 11 00-2459	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	884.78	111.86
08 71 11 00-2460	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,039.42	125.85
08 71 11 00-2461	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	923.00	121.19
08 71 11 00-2462	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,019.16	121.19
08 71 11 00-2463	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	1,094.02	121.19
08 71 11 00-2464	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,196.95	139.83
08 71 11 00-2465	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,324.78	139.83
08 71 11 00-2466	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,382.37	139.83
08 71 11 00-2467	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	410.64	46.61
08 71 11 00-2468	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	697.83	46.61
08 71 11 00-2469	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	847.09	46.61

08 71 11 00-2470 Door Coordinators *(08 71 11)*

08 71 11 00-2471	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	462.72	29.13
		For Anodized Aluminum Finish, Deduct	*-138.48*	
08 71 11 00-2472	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	486.29	30.30
		For Anodized Aluminum Finish, Deduct	*-146.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2473	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	497.33	31.46
		For Anodized Aluminum Finish, Deduct	*-148.59*	
08 71 11 00-2474	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	519.21	32.63
		For Anodized Aluminum Finish, Deduct	*-155.48*	
08 71 11 00-2475	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	558.05	33.79
		For Anodized Aluminum Finish, Deduct	*-169.15*	
08 71 11 00-2476	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	106.04	9.33
		For Anodized Aluminum Finish, Deduct	*-27.50*	
08 71 11 00-2477	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	116.52	10.49
		For Anodized Aluminum Finish, Deduct	*-29.83*	
08 71 11 00-2478	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	134.35	11.66
		For Anodized Aluminum Finish, Deduct	*-35.10*	
08 71 11 00-2479	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	95.48	11.66
08 71 11 00-2480	EA	7" Projection COR Series Gravity Type Door Coordinator	140.82	17.48
		For Anodized Aluminum Finish, Deduct	*-28.36*	
08 71 11 00-2481	EA	9" Projection COR Series Gravity Type Door Coordinator	152.17	17.48
		For Anodized Aluminum Finish, Deduct	*-32.90*	

08 71 11 00-2482 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2483	EA	Removal And Reinstallation Of Door Lockset, Entrance	69.92	
08 71 11 00-2484	EA	Removal And Reinstallation Of Door Lockset, Mortise	111.86	
08 71 11 00-2485	EA	Removal And Reinstallation Of Deadbolt Lock	74.58	
08 71 11 00-2486	PR	Removal And Reinstallation Of Butts/Hinges	18.64	
08 71 11 00-2487	EA	Removal And Reinstallation Of Door Bumper	6.52	
08 71 11 00-2488	EA	Removal And Reinstallation Of Surface Mounted Panic Device	186.45	
08 71 11 00-2489	EA	Removal And Reinstallation Of Kick Plate	23.30	
08 71 11 00-2490	EA	Removal And Reinstallation Of Push Plate	18.64	
08 71 11 00-2491	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	93.22	
08 71 11 00-2492	EA	Removal And Reinstallation Of Door Handles	13.99	

08 71 11 00-2493 Electromagnetic Door Release *(08 71 11)*

08 71 11 00-2494	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	522.81	58.73
08 71 11 00-2495	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	508.71	58.73
08 71 11 00-2496	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	579.82	58.73
08 71 11 00-2497	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	999.59	58.73
08 71 11 00-2498	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	962.17	58.73
08 71 11 00-2499	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	962.17	58.73
08 71 11 00-2500	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	870.61	58.73
08 71 11 00-2501	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,102.09	58.73
08 71 11 00-2502	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,036.76	58.73
08 71 11 00-2503	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,297.16	58.73
08 71 11 00-2504	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	593.36	58.73
08 71 11 00-2505	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	582.43	58.73
08 71 11 00-2506	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	924.46	58.73
08 71 11 00-2507	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	628.35	58.73
08 71 11 00-2508	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	628.35	58.73
08 71 11 00-2509	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	628.35	58.73

08 71 13 Automatic Door Operators *(08 71)*

08 71 13 00-0001 Automatic Door Operators (LCN) *(08 71 13)*

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	3,726.36	116.53
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	3,726.36	116.53

08 71 13 00-0004 Automatic Door Operators (Stanley) *(08 71 13)*

08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	3,731.84	186.45
08 71 13 00-0006	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	229.64	
08 71 13 00-0007	EA	Power Supply (Stanley Precision ELR151)	800.33	
08 71 13 00-0008	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	2,864.85	93.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0009	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	443.76	62.18
08 71 13 00-0010	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	314.31	38.48
08 71 13 00-0011	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	198.06	38.48
08 71 13 00-0012	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	310.32	38.48
08 71 13 00-0013	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,048.28	57.76
08 71 13 00-0014		Miscellaneous Devices *(08 71 13)*		
08 71 13 00-0015	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	418.15	34.96
08 71 13 00-0016	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	125.22	20.97
08 71 13 00-0017	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	158.53	20.97
08 71 13 00-0018	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	89.86	20.97
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	344.66	34.96
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	483.50	34.96
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	403.96	34.96
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	526.76	34.96
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	609.02	46.61
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	105.67	46.61
08 72		Weatherstripping, Thresholds and Seals *(08 70)*		
08 72 33		**Weatherstripping and Seals** *(08 72)*		
08 72 33 00-0001		Weather-Stripping And Seals *(08 72 33)*		
08 72 33 00-0002		Astragals *(08 72 33 00-0001)* Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 72 33 00-0003		Adhesive Backed Astragals *(08 72 33 00-0002)*		
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	4.08	0.70
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	4.55	0.70
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.47	0.70
08 72 33 00-0007		Overlapping Astragals *(08 72 33 00-0002)*		
08 72 33 00-0008		Aluminum, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	16.18	4.19
		For Color Anodized Finish, Add	*2.37*	
08 72 33 00-0010		Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	32.99	4.19
08 72 33 00-0012		"T" Astragals *(08 72 33 00-0002)*		
08 72 33 00-0013		Aluminum, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	10.41	4.19
		For Color Anodized Finish, Add	*0.74*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	13.18	4.19
		For Color Anodized Finish, Add	*0.98*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	13.61	4.19
		For Color Anodized Finish, Add	*1.86*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	25.46	4.19
		For Color Anodized Finish, Add	*6.01*	
08 72 33 00-0018		Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	75.56	4.19
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0020		Locking Astragals *(08 72 33 00-0002)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0021		**Outswing Locking Astragals** *(08 72 33 00-0020)* Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0022		**Aluminum, Outswing Locking Astragals** *(08 72 33 00-0021)*		
08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	34.19	4.19
		For Color Anodized Finish, Add	*5.18*	
08 72 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	39.74	4.19
		For Color Anodized Finish, Add	*6.29*	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	38.39	4.19
		For Thermal Break, Add	*1.81*	
08 72 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	42.90	4.19
		For Thermal Break, Add	*2.08*	
08 72 33 00-0027		**Inswing Locking Astragals** *(08 72 33 00-0020)* Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0028		**Wood, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	40.08	4.19
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q) Note: Includes kerf-in foam seal.	39.88	4.19
08 72 33 00-0031		**Aluminum, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	22.55	4.19
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.85*	
08 72 33 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	27.19	4.19
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.78*	
08 72 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	24.31	4.19
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*3.20*	
08 72 33 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	28.91	4.19
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*4.12*	
08 72 33 00-0036		**Security Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	21.01	4.19
		For Color Anodized Finish, Add	*12.72*	
08 72 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	35.61	4.19
08 72 33 00-0039		**Meeting Stile Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0040		**One Piece, Meeting Stile Astragals** *(08 72 33 00-0039)* Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	13.02	4.19
		For Color Anodized Finish, Add	*1.42*	
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	20.34	6.24
		For Color Anodized Finish, Add	*3.16*	
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	27.20	6.24
		For Color Anodized Finish, Add	*1.48*	
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	28.08	6.24
		For Color Anodized Finish, Add	*3.91*	
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	42.79	6.24
08 72 33 00-0046		**Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0039)* Note: Includes one astragal for each door.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	16.08	6.24
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.63*	
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	16.08	6.24
		For Color Anodized Finish, Add	*3.63*	
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	16.08	6.24
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.63*	
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	25.70	6.24
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.65*	
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	20.97	6.24
		For Color Anodized Finish, Add	*3.41*	
08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	21.60	6.24
		For Color Anodized Finish, Add	*3.66*	
08 72 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	26.33	6.24
		For Color Anodized Finish, Add	*6.94*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	26.96	6.24
		For Color Anodized Finish, Add	*5.80*	
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	27.59	6.24
		For Color Anodized Finish, Add	*6.06*	

08 72 33 00-0056 Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0039)*

Note: Includes one astragal for each door.

08 72 33 00-0057 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	49.99	6.24
		For Color Anodized Finish, Add	*9.39*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	50.98	6.24
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*7.71*	

08 72 33 00-0060 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	240.29	6.24
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	224.35	6.24
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0063 Door Sweeps *(08 72 33 00-0001)*

08 72 33 00-0064 Tack On Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	5.77	2.33
08 72 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	5.87	2.33
08 72 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	6.14	2.33

08 72 33 00-0068 Aluminum Retainer Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0069 35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

08 72 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	13.89	4.66
		For Color Anodized Finish, Add	*1.83*	
08 72 33 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	14.37	4.66
		For Color Anodized Finish, Add	*1.77*	

08 72 33 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.

08 72 33 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	21.94	4.66
		For Color Anodized Finish, Add	*5.05*	
08 72 33 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	23.83	4.66
		For Color Anodized Finish, Add	*5.80*	
08 72 33 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	27.93	4.66
		For Color Anodized Finish, Add	*7.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0076		90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	15.47	4.66
		For Color Anodized Finish, Add	*0.62*	
08 72 33 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	15.31	4.66
		For Color Anodized Finish, Add	*0.60*	
08 72 33 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	16.42	4.66
		For Color Anodized Finish, Add	*2.49*	
08 72 33 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	16.89	4.66
		For Color Anodized Finish, Add	*3.03*	
08 72 33 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	15.00	4.66
		For Color Anodized Finish, Add	*1.42*	
08 72 33 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	19.41	4.66
		For Color Anodized Finish, Add	*2.02*	
08 72 33 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	15.94	4.66
		For Color Anodized Finish, Add	*1.32*	
08 72 33 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	11.80	4.66
		For Color Anodized Finish, Add	*1.24*	
08 72 33 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	11.92	4.66
		For Color Anodized Finish, Add	*1.30*	
08 72 33 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	13.26	4.66
		For Color Anodized Finish, Add	*1.38*	
08 72 33 00-0087		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	13.58	4.66
		For Color Anodized Finish, Add	*1.70*	
08 72 33 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	13.89	4.66
		For Color Anodized Finish, Add	*1.83*	
08 72 33 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	16.42	4.66
		For Color Anodized Finish, Add	*2.49*	
08 72 33 00-0092		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	16.57	4.66
		For Color Anodized Finish, Add	*2.90*	
08 72 33 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	16.89	4.66
		For Color Anodized Finish, Add	*3.03*	
08 72 33 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	18.22	4.66
		For Color Anodized Finish, Add	*3.56*	
08 72 33 00-0096		Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	12.16	4.66
08 72 33 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	12.16	4.66
08 72 33 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	12.32	4.66
08 72 33 00-0100		Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0063)*		
08 72 33 00-0101		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0100)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	11.84	4.66
		For Color Anodized Finish, Add	*1.76*	
08 72 33 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	13.89	4.66
		For Color Anodized Finish, Add	*1.83*	
08 72 33 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	15.43	4.66
		For Color Anodized Finish, Add	*1.22*	
08 72 33 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	15.71	4.66
		For Color Anodized Finish, Add	*1.28*	
08 72 33 00-0106		Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0107		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0106)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	18.78	4.66

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0109		Oak Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0110		90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0109)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	15.16	4.66
08 72 33 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	17.64	4.66
08 72 33 00-0113		Door Shoes And Bottoms *(08 72 33 00-0001)*		
08 72 33 00-0114		Door Shoes *(08 72 33 00-0113)*		
08 72 33 00-0115		Aluminum Retainer Door Shoes *(08 72 33 00-0114)*		
08 72 33 00-0116		Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	13.11	4.66
		For Color Anodized Finish, Add	*1.52*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	13.58	4.66
		For Color Anodized Finish, Add	*1.70*	
08 72 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	18.15	4.66
		For Color Anodized Finish, Add	*1.77*	
08 72 33 00-0120		Side Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	15.16	4.66
		For Color Anodized Finish, Add	*2.34*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0122		L Or U Shaped, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	13.89	4.66
		For Color Anodized Finish, Add	*2.29*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	14.84	4.66
		For Color Anodized Finish, Add	*2.21*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	15.16	4.66
		For Color Anodized Finish, Add	*2.34*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	21.57	4.66
		For Color Anodized Finish, Add	*2.45*	
08 72 33 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	21.88	4.66
		For Color Anodized Finish, Add	*2.51*	
08 72 33 00-0128		L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	14.21	4.66
		For Color Anodized Finish, Add	*2.45*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	15.16	4.66
		For Color Anodized Finish, Add	*2.34*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	15.31	4.66
		For Color Anodized Finish, Add	*2.40*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0132		Vinyl Door Shoes *(08 72 33 00-0114)*		
08 72 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	17.29	4.66
08 72 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	20.89	4.66
08 72 33 00-0135		Door Bottoms *(08 72 33 00-0113)*		
08 72 33 00-0136		Automatic Door Bottoms *(08 72 33 00-0135)*		
08 72 33 00-0137		Aluminum Automatic Door Bottoms *(08 72 33 00-0136)*		
08 72 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	30.09	4.66
		For Color Anodized Finish, Add	*4.15*	
08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	43.09	4.66
		For Color Anodized Finish, Add	*6.75*	
08 72 33 00-0140		Door Top Protection *(08 72 33 00-0001)*		
08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	10.92	3.73
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.95*	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	10.92	3.73
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.95*	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	17.73	3.73
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	69.37	

08 72 33 00-0145 Perimeter Gasketing Weather-Strip *(08 72 33 00-0001)*

Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.

08 72 33 00-0146 Adhesive Backed Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.45	2.33
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.49	2.33
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	5.17	2.33
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	3.79	2.33
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	5.01	2.33
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	4.64	2.33
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	6.16	2.33
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	5.69	2.33

08 72 33 00-0155 Kerf-In Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.06	2.33
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	4.61	2.33
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	3.44	2.33
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	3.39	2.33
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.45	2.33

08 72 33 00-0161 Cushion/Spring Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

08 72 33 00-0162 Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)*

08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	9.01	2.33
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	9.01	2.33
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	9.88	2.33
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	10.06	2.33

08 72 33 00-0167 Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)*

08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	8.54	2.33
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	9.88	2.33
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	11.35	2.33

08 72 33 00-0171 Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

08 72 33 00-0172 Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*

08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	6.47	2.33
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.81*	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	6.47	2.33
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.81*	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	6.47	2.33
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.81*	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	11.28	2.33
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.32*	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	11.60	2.33
		For Color Anodized Finish, Add	*3.47*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	11.60	2.33
		For Color Anodized Finish, Add	*2.43*	

08 72 33 00-0179 Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*

08 72 33 00-0180 Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*

08 72 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	11.05	2.33
		For Silicone Insert, Add	*0.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0182		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
08 72 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	12.30	2.33
08 72 33 00-0184		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	30.77	2.33
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	54.17	2.33
08 72 33 00-0188		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0189		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	46.39	2.33
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	15.85	4.66
		For Color Anodized Finish, Add	*2.61*	
08 72 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	16.40	4.66
		For Color Anodized Finish, Add	*2.83*	
08 72 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	20.21	2.33
		For Color Anodized Finish, Add	*3.11*	
08 72 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	21.31	2.33
		For Color Anodized Finish, Add	*3.33*	
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	24.62	7.46
		For Color Anodized Finish, Add	*2.40*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	27.30	7.46
		For Color Anodized Finish, Add	*3.47*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	31.81	9.32
		For Color Anodized Finish, Add	*5.96*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	34.82	9.32
		For Color Anodized Finish, Add	*5.77*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	38.43	9.32
		For Color Anodized Finish, Add	*5.30*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	43.79	9.32
		For Color Anodized Finish, Add	*5.13*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	52.56	11.18
		For Color Anodized Finish, Add	*6.15*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	56.19	11.18
		For Color Anodized Finish, Add	*7.06*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	61.97	11.18
		For Color Anodized Finish, Add	*8.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	26.83	7.46
		For Color Anodized Finish, Add	*2.87*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	26.99	7.46
		For Color Anodized Finish, Add	*4.18*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	33.07	9.32
		For Color Anodized Finish, Add	*6.85*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	36.14	9.32
		For Color Anodized Finish, Add	*6.43*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	38.75	9.32
		For Color Anodized Finish, Add	*5.41*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	43.79	9.32
		For Color Anodized Finish, Add	*5.13*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	54.46	11.18
		For Color Anodized Finish, Add	*9.28*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	57.77	11.18
		For Color Anodized Finish, Add	*11.92*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	61.08	11.18
		For Color Anodized Finish, Add	*13.25*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	89.66	7.46
08 72 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	143.98	7.46
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	173.71	9.32
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	211.31	9.32
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	247.88	9.32
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	289.66	9.32
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	372.67	11.18
08 72 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	190.42	9.32
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	232.21	9.32
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	273.99	9.32
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	326.22	9.32
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	464.94	11.18
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	440.99	11.18
08 72 43 00-0044		Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	159.09	9.32
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	169.53	9.32
08 72 43 00-0048		Half Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0049		Aluminum Half Saddle Thresholds *(08 72 43 00-0048)*		
		Note: Includes mill finish.		
08 72 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	39.11	9.32
		For Color Anodized Finish, Add	*6.33*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	50.57	9.32
		For Color Anodized Finish, Add	*2.73*	
08 72 43 00-0053		Offset Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0054		Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)*		
		Note: Includes mill finish.		
08 72 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	39.22	9.32
		For Color Anodized Finish, Add	*7.97*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	43.32	9.32
		For Color Anodized Finish, Add	*7.01*	
08 72 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	39.22	9.32
		For Color Anodized Finish, Add	*7.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	44.90	9.32
		For Color Anodized Finish, Add	*7.56*	
08 72 43 00-0062		Modular Ramp Thresholds *(08 72 43 00-0001)* Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	41.48	9.32
		For Non-Slip Surfacing, Add	*68.55*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	51.79	10.25
		For Non-Slip Surfacing, Add	*87.61*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	65.86	11.65
		For Non-Slip Surfacing, Add	*119.20*	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	83.74	12.11
		For Non-Slip Surfacing, Add	*160.68*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	97.47	13.04
		For Non-Slip Surfacing, Add	*214.14*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	120.74	14.44
		For Non-Slip Surfacing, Add	*238.84*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	134.67	15.84
		For Non-Slip Surfacing, Add	*267.77*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	142.84	16.77
		For Non-Slip Surfacing, Add	*273.25*	
08 72 43 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	70.22	11.65
		For Non-Slip Surfacing, Add	*126.71*	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	82.44	12.11
		For Non-Slip Surfacing, Add	*157.17*	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	103.11	13.98
		For Non-Slip Surfacing, Add	*195.39*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	121.17	14.91
		For Non-Slip Surfacing, Add	*237.54*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	139.18	15.84
		For Non-Slip Surfacing, Add	*279.50*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	152.17	16.77
		For Non-Slip Surfacing, Add	*308.44*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	186.44	17.71
		For Non-Slip Surfacing, Add	*392.70*	
08 72 43 00-0080		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	81.24	12.58
		For Non-Slip Surfacing, Add	*157.02*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	95.32	13.98
		For Non-Slip Surfacing, Add	*188.61*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	114.11	14.91
		For Non-Slip Surfacing, Add	*227.61*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	127.85	15.84
		For Non-Slip Surfacing, Add	*259.66*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	150.18	16.77
		For Non-Slip Surfacing, Add	*303.26*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	163.17	17.71
		For Non-Slip Surfacing, Add	*332.20*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	188.31	18.63
		For Non-Slip Surfacing, Add	*377.60*	
08 72 43 00-0088		Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0089		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	192.83	11.65
		For Non-Slip Surfacing, Add	*20.34*	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	296.66	11.65
		For Non-Slip Surfacing, Add	*32.80*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	587.24	16.31
		For Non-Slip Surfacing, Add	*66.56*	
08 72 43 00-0093		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	192.83	11.65
		For Non-Slip Surfacing, Add	*20.34*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	296.66	11.65
		For Non-Slip Surfacing, Add	*32.80*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	587.24	16.31
		For Non-Slip Surfacing, Add	*66.56*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0097		Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)* Note: Includes vinyl or pile seal.			
08 72 43 00-0098		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)* Note: Includes mill finish.			
08 72 43 00-0099		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*			
08 72 43 00-0100		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*			
08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)		47.42	9.32
		For Color Anodized Finish, Add		*8.45*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)		39.38	9.32
		For Color Anodized Finish, Add		*8.05*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)		52.47	9.32
		For Color Anodized Finish, Add		*10.21*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)		54.67	9.32
		For Color Anodized Finish, Add		*10.98*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0105		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*			
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)		37.48	9.32
		For Color Anodized Finish, Add		*7.10*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)		39.69	9.32
		For Color Anodized Finish, Add		*8.20*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0108		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*			
08 72 43 00-0109		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)*			
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)		42.06	9.32
		For Color Anodized Finish, Add		*7.51*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)		44.11	9.32
		For Color Anodized Finish, Add		*8.33*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)		47.10	9.32
		For Color Anodized Finish, Add		*8.33*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)		50.50	9.32
		For Color Anodized Finish, Add		*9.52*	
		For Thermoseal, Add		*0.63*	
08 72 43 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*			
08 72 43 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*			
08 72 43 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*			
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)		276.08	9.32
		For Thermoseal, Add		*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)		255.19	9.32
		For Thermoseal, Add		*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)		372.18	9.32
		For Thermoseal, Add		*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)		331.65	9.32
		For Thermoseal, Add		*0.63*	
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*			
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)		271.48	9.32
		For Thermoseal, Add		*0.63*	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*			
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*			
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)		277.16	10.25
		For Thermoseal, Add		*0.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0126		LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	291.58	10.25
			For Thermoseal, Add	*0.63*	
08 72 43 00-0127		LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	369.50	10.25
			For Thermoseal, Add	*0.63*	
08 72 43 00-0128		LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	334.11	10.71
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0129		Carpet Separator Thresholds *(08 72 43 00-0001)*		
	08 72 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)*		
			Note: Includes mill finish.		
	08 72 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0132		LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	28.25	7.46
			For Color Anodized Finish, Add	*3.85*	
	08 72 43 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0134		LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	22.93	6.52
			For Color Anodized Finish, Add	*2.32*	
08 72 43 00-0135		LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	35.12	7.46
			For Color Anodized Finish, Add	*4.73*	
08 72 43 00-0136		LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	41.74	7.46
			For Color Anodized Finish, Add	*7.38*	
	08 72 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0138		LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	20.88	6.52
			For Color Anodized Finish, Add	*1.14*	
	08 72 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0140		LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	22.93	6.52
			For Color Anodized Finish, Add	*1.99*	
08 72 43 00-0141		LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	35.59	9.32
			For Color Anodized Finish, Add	*4.92*	
08 72 43 00-0142		LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	37.48	9.32
			For Color Anodized Finish, Add	*4.26*	
	08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
	08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145		LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	146.28	7.46
	08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147		LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	197.28	6.52
08 72 43 00-0148		LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	174.75	9.32
	08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)*		
			Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
	08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
			Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151		LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	34.03	7.46
	08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
			Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153		LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	34.03	7.46
	08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
			Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155		LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	36.40	9.32
	08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
			Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157		LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	38.96	9.32
	08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
	08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160		LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	14.54	4.66
08 72 43 00-0161		LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	15.07	4.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	20.43	4.96
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	20.75	5.14
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	31.63	5.29
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	17.43	4.66
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	21.22	5.14
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	39.67	5.14
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	17.49	4.66
		For Color Anodized Finish, Add	*2.34*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	20.43	5.14
		For Color Anodized Finish, Add	*3.03*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	21.69	5.14
		For Color Anodized Finish, Add	*3.53*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	38.94	5.29
		For Color Anodized Finish, Add	*7.71*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	25.81	4.96
		For Color Anodized Finish, Add	*4.02*	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	23.43	5.14
		For Color Anodized Finish, Add	*5.29*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	27.27	5.29
		For Color Anodized Finish, Add	*4.21*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	29.79	5.29
		For Color Anodized Finish, Add	*8.28*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	206.48	5.29
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	153.88	5.14
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	211.70	5.29
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	306.09	5.44
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	22.22	5.29
		For Color Anodized Finish, Add	*4.50*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	23.84	5.44
		For Color Anodized Finish, Add	*4.09*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	31.85	5.29
		For Color Anodized Finish, Add	*6.52*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	32.70	5.44
		For Color Anodized Finish, Add	*6.68*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	32.23	5.14
		For Color Anodized Finish, Add	*6.78*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	32.61	5.29
		For Color Anodized Finish, Add	*4.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	34.04	5.44
		For Color Anodized Finish, Add	*5.11*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	13.26	4.66
		For Color Anodized Finish, Add	*2.76*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	14.52	4.66
		For Color Anodized Finish, Add	*2.60*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	15.79	4.66
		For Color Anodized Finish, Add	*1.62*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	17.74	6.96
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	19.43	6.96
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	21.67	6.96
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	26.75	6.96
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	32.68	6.96
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	80.31	7.73

08 75 Window Hardware *(08 70)*

08 75 13 Automatic Window Equipment *(08 75)*

08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	1,502.19	198.57

08 78 Special Function Hardware *(08 70)*

08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	20.55	4.66
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	49.29	4.66
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	45.40	4.66
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	50.23	4.66
08 78 00 00-0006	EA	Commercial U-Bar Lock	61.39	4.66
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	51.20	4.66
08 78 00 00-0008	EA	High Security Padlocks	46.04	4.66
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	23.38	4.66

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001		Key Cabinet *(08 79 13)*		
08 79 13 00-0002		Key Cabinets *(08 79 13 00-0001)*		
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	490.87	16.77
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	665.01	18.63
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,502.31	27.96
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	3,896.93	37.27
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	4,169.08	24.69
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	9,444.65	18.63
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	206.03	7.46
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	294.69	9.32
08 79 13 00-0011		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*		
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	278.55	13.99
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	316.77	13.99
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	47.54	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	107.20	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23		**Exterior Glass Glazing** *(08 81)*		
08 81 23 13		**Factory Installed Glass Glazing** *(08 81 23)*		
08 81 23 13-0001		Clear Float Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0002		Clear Float Factory Installed Glass *(08 81 23 13-0001)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	7.60	
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.46*	
		For >400, Deduct	*-0.68*	
		For Tinted Glass, Add	*1.90*	
		For Reflective Coated Glass, Add	*3.42*	
		For Low-E Coated Glass, Add	*1.90*	
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	8.15	
		For >50 To 200, Deduct	*-0.24*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.73*	
		For Tinted Glass, Add	*2.04*	
		For Reflective Coated Glass, Add	*3.67*	
		For Low-E Coated Glass, Add	*2.04*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	9.88	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.59*	
		For >400, Deduct	*-0.89*	
		For Tinted Glass, Add	*2.47*	
		For Reflective Coated Glass, Add	*4.45*	
		For Low-E Coated Glass, Add	*2.47*	
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	16.42	
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.99*	
		For >400, Deduct	*-1.48*	
		For Tinted Glass, Add	*4.11*	
		For Reflective Coated Glass, Add	*7.39*	
		For Low-E Coated Glass, Add	*4.11*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	23.89	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.15*	
		For Tinted Glass, Add	*5.97*	
		For Reflective Coated Glass, Add	*10.75*	
		For Low-E Coated Glass, Add	*5.97*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	26.26	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.58*	
		For >400, Deduct	*-2.36*	
		For Tinted Glass, Add	*6.57*	
		For Reflective Coated Glass, Add	*11.82*	
		For Low-E Coated Glass, Add	*6.57*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	31.41	
		For >50 To 200, Deduct	*-0.94*	
		For >200 To 400, Deduct	*-1.88*	
		For >400, Deduct	*-2.83*	
		For Tinted Glass, Add	*7.85*	
		For Reflective Coated Glass, Add	*14.13*	
		For Low-E Coated Glass, Add	*7.85*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	38.80	
		For >50 To 200, Deduct	*-1.16*	
		For >200 To 400, Deduct	*-2.33*	
		For >400, Deduct	*-3.49*	
		For Tinted Glass, Add	*9.70*	
		For Reflective Coated Glass, Add	*17.46*	
		For Low-E Coated Glass, Add	*9.70*	
08 81 23 13-0011		Heat Treated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0012		Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	11.30	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Tinted Glass, Add	*2.83*	
		For Reflective Coated Glass, Add	*5.09*	
		For Low-E Coated Glass, Add	*2.83*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	12.08	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.72*	
		For >400, Deduct	*-1.09*	
		For Tinted Glass, Add	*3.02*	
		For Reflective Coated Glass, Add	*5.44*	
		For Low-E Coated Glass, Add	*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	14.69	
		For >50 To 200, Deduct	*-0.44*	
		For >200 To 400, Deduct	*-0.88*	
		For >400, Deduct	*-1.32*	
		For Tinted Glass, Add	*3.67*	
		For Reflective Coated Glass, Add	*6.61*	
		For Low-E Coated Glass, Add	*3.67*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	24.46	
		For >50 To 200, Deduct	*-0.73*	
		For >200 To 400, Deduct	*-1.47*	
		For >400, Deduct	*-2.20*	
		For Tinted Glass, Add	*6.12*	
		For Reflective Coated Glass, Add	*11.01*	
		For Low-E Coated Glass, Add	*6.12*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	35.54	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.13*	
		For >400, Deduct	*-3.20*	
		For Tinted Glass, Add	*8.89*	
		For Reflective Coated Glass, Add	*15.99*	
		For Low-E Coated Glass, Add	*8.89*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	39.05	
		For >50 To 200, Deduct	*-1.17*	
		For >200 To 400, Deduct	*-2.34*	
		For >400, Deduct	*-3.51*	
		For Tinted Glass, Add	*9.76*	
		For Reflective Coated Glass, Add	*17.57*	
		For Low-E Coated Glass, Add	*9.76*	
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	46.71	
		For >50 To 200, Deduct	*-1.40*	
		For >200 To 400, Deduct	*-2.80*	
		For >400, Deduct	*-4.20*	
		For Tinted Glass, Add	*11.68*	
		For Reflective Coated Glass, Add	*21.02*	
		For Low-E Coated Glass, Add	*11.68*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	57.71	
		For >50 To 200, Deduct	*-1.73*	
		For >200 To 400, Deduct	*-3.46*	
		For >400, Deduct	*-5.19*	
		For Tinted Glass, Add	*14.43*	
		For Reflective Coated Glass, Add	*25.97*	
		For Low-E Coated Glass, Add	*14.43*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	16.16	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	9.82	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	9.82	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	25.41	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	34.85	
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	38.10	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0034		Frosted Factory Installed Glass *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	12.85	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.77*	
		For >400, Deduct	*-1.16*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	16.85	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.01*	
		For >400, Deduct	*-1.52*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	21.30	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.28*	
		For >400, Deduct	*-1.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	31.84	
		For >50 To 200, Deduct	*-0.96*	
		For >200 To 400, Deduct	*-1.91*	
		For >400, Deduct	*-2.87*	
08 81 23 13-0039		Fire Rated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0040		Fire Rated Factory Installed Glass *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	46.65	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	92.88	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	143.54	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	189.98	
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	27.68	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.66*	
		For >400, Deduct	*-2.49*	
		For Tinted Glass, Add	*6.92*	
		For Reflective Coated Glass, Add	*12.46*	
		For Low-E Coated Glass, Add	*6.92*	
		For One Piece Heat Strengthened Glass, Add	*5.54*	
		For One Piece Fully Tempered Glass, Add	*5.54*	
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	34.56	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.07*	
		For >400, Deduct	*-3.11*	
		For Tinted Glass, Add	*8.64*	
		For Reflective Coated Glass, Add	*15.55*	
		For Low-E Coated Glass, Add	*8.64*	
		For One Piece Heat Strengthened Glass, Add	*6.91*	
		For One Piece Fully Tempered Glass, Add	*6.91*	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	39.92	
		For >50 To 200, Deduct	*-1.20*	
		For >200 To 400, Deduct	*-2.40*	
		For >400, Deduct	*-3.59*	
		For Tinted Glass, Add	*9.98*	
		For Reflective Coated Glass, Add	*17.96*	
		For Low-E Coated Glass, Add	*9.98*	
		For One Piece Heat Strengthened Glass, Add	*7.98*	
		For One Piece Fully Tempered Glass, Add	*7.98*	
08 81 23 13-0050		Insulated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0051		Insulated, Factory Installed Glass *(08 81 23 13-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass	15.55	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.93*	
		For >400, Deduct	*-1.40*	
		For Tinted Glass, Add	*3.89*	
		For Reflective Coated Glass, Add	*7.00*	
		For Low-E Coated Glass, Add	*3.89*	
		For One Piece Heat Strengthened Glass, Add	*3.11*	
		For One Piece Fully Tempered Glass, Add	*3.11*	
		For One Piece Obscure Glass, Add	*6.61*	
		For Argon Gas, Add	*2.14*	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass	16.99	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Tinted Glass, Add	*4.25*	
		For Reflective Coated Glass, Add	*7.65*	
		For Low-E Coated Glass, Add	*4.25*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.22*	
		For Argon Gas, Add	*2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space.	17.02	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Tinted Glass, Add	*4.26*	
		For Reflective Coated Glass, Add	*7.66*	
		For Low-E Coated Glass, Add	*4.26*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.23*	
		For Argon Gas, Add	*2.34*	
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	16.01	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.96*	
		For >400, Deduct	*-1.44*	
		For Tinted Glass, Add	*4.00*	
		For Reflective Coated Glass, Add	*7.20*	
		For Low-E Coated Glass, Add	*4.00*	
		For One Piece Heat Strengthened Glass, Add	*3.20*	
		For One Piece Fully Tempered Glass, Add	*3.20*	
		For One Piece Obscure Glass, Add	*6.80*	
		For Argon Gas, Add	*2.20*	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	16.99	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Tinted Glass, Add	*4.25*	
		For Reflective Coated Glass, Add	*7.65*	
		For Low-E Coated Glass, Add	*4.25*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.22*	
		For Argon Gas, Add	*2.34*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	17.19	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	17.19	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	18.01	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 3/8" air space.	17.19	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/8" air space.	18.01	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 3/8" air space.	19.97	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	

08 81 23 13-0066 1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0067	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/2" air space.	18.01	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	
08 81 23 13-0068	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	19.97	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	19.97	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0070	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	21.84	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Tinted Glass, Add	*5.46*	
		For Reflective Coated Glass, Add	*9.83*	
		For Low-E Coated Glass, Add	*5.46*	
		For One Piece Heat Strengthened Glass, Add	*4.37*	
		For One Piece Fully Tempered Glass, Add	*4.37*	
		For One Piece Obscure Glass, Add	*9.28*	
		For Argon Gas, Add	*3.00*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	20.85	
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.46*	
		For >400, Deduct	*-0.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.25*	
		For Tinted Glass, Add	*1.90*	
		For Reflective Coated Glass, Add	*3.42*	
		For Low-E Coated Glass, Add	*1.90*	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	22.41	
		For >50 To 200, Deduct	*-0.24*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.73*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.26*	
		For Tinted Glass, Add	*2.04*	
		For Reflective Coated Glass, Add	*3.67*	
		For Low-E Coated Glass, Add	*2.04*	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	25.16	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.59*	
		For >400, Deduct	*-0.89*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
		For Tinted Glass, Add	*2.47*	
		For Reflective Coated Glass, Add	*4.45*	
		For Low-E Coated Glass, Add	*2.47*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	33.74	
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.99*	
		For >400, Deduct	*-1.48*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.32*	
		For Tinted Glass, Add	*4.11*	
		For Reflective Coated Glass, Add	*7.39*	
		For Low-E Coated Glass, Add	*4.11*	
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	43.24	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.15*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.35*	
		For Tinted Glass, Add	*5.97*	
		For Reflective Coated Glass, Add	*10.75*	
		For Low-E Coated Glass, Add	*5.97*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	47.65	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.58*	
		For >400, Deduct	*-2.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.39*	
		For Tinted Glass, Add	*6.57*	
		For Reflective Coated Glass, Add	*11.82*	
		For Low-E Coated Glass, Add	*6.57*	
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	57.89	
		For >50 To 200, Deduct	*-0.94*	
		For >200 To 400, Deduct	*-1.88*	
		For >400, Deduct	*-2.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*26.48*	
		For Tinted Glass, Add	*7.85*	
		For Reflective Coated Glass, Add	*14.13*	
		For Low-E Coated Glass, Add	*7.85*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	70.38	
		For >50 To 200, Deduct	*-1.16*	
		For >200 To 400, Deduct	*-2.33*	
		For >400, Deduct	*-3.49*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*31.58*	
		For Tinted Glass, Add	*9.70*	
		For Reflective Coated Glass, Add	*17.46*	
		For Low-E Coated Glass, Add	*9.70*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0012		**Tempered, Clear Float Field Installed Glass** *(08 81 23 23-0011)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	24.55	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.25*	
		For Tinted Glass, Add	*2.83*	
		For Reflective Coated Glass, Add	*5.09*	
		For Low-E Coated Glass, Add	*2.83*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	26.34	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.72*	
		For >400, Deduct	*-1.09*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.26*	
		For Tinted Glass, Add	*3.02*	
		For Reflective Coated Glass, Add	*5.44*	
		For Low-E Coated Glass, Add	*3.02*	
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	29.97	
		For >50 To 200, Deduct	*-0.44*	
		For >200 To 400, Deduct	*-0.88*	
		For >400, Deduct	*-1.32*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
		For Tinted Glass, Add	*3.67*	
		For Reflective Coated Glass, Add	*6.61*	
		For Low-E Coated Glass, Add	*3.67*	
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	41.78	
		For >50 To 200, Deduct	*-0.73*	
		For >200 To 400, Deduct	*-1.47*	
		For >400, Deduct	*-2.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.32*	
		For Tinted Glass, Add	*6.12*	
		For Reflective Coated Glass, Add	*11.01*	
		For Low-E Coated Glass, Add	*6.12*	
08 81 23 23-0017	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	54.89	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.13*	
		For >400, Deduct	*-3.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.35*	
		For Tinted Glass, Add	*8.89*	
		For Reflective Coated Glass, Add	*15.99*	
		For Low-E Coated Glass, Add	*8.89*	
08 81 23 23-0018	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	60.44	
		For >50 To 200, Deduct	*-1.17*	
		For >200 To 400, Deduct	*-2.34*	
		For >400, Deduct	*-3.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.39*	
		For Tinted Glass, Add	*9.76*	
		For Reflective Coated Glass, Add	*17.57*	
		For Low-E Coated Glass, Add	*9.76*	
08 81 23 23-0019	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	73.19	
		For >50 To 200, Deduct	*-1.40*	
		For >200 To 400, Deduct	*-2.80*	
		For >400, Deduct	*-4.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*26.48*	
		For Tinted Glass, Add	*11.68*	
		For Reflective Coated Glass, Add	*21.02*	
		For Low-E Coated Glass, Add	*11.68*	
08 81 23 23-0020	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	89.29	
		For >50 To 200, Deduct	*-1.73*	
		For >200 To 400, Deduct	*-3.46*	
		For >400, Deduct	*-5.19*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*31.58*	
		For Tinted Glass, Add	*14.43*	
		For Reflective Coated Glass, Add	*25.97*	
		For Low-E Coated Glass, Add	*14.43*	
08 81 23 23-0021		**Patterned Field Installed Glass** *(08 81 23 23)*		
08 81 23 23-0022		**Rough Obscure Field Installed Glass** *(08 81 23 23-0021)* Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	31.44	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0024		**Patterned, Figured Field Installed Glass** *(08 81 23 23-0021)* Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	23.07	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.25*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	24.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 81 23 23-0027		**Wired Field Installed Glass** *(08 81 23 23)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0028		Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	40.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	50.13	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0031		Polished, Wired Field Installed Glass *(08 81 23 23-0027)*		
08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	53.38	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0033		Frosted Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0034		Frosted Field Installed Glass *(08 81 23 23-0033)*		
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	26.10	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.77*	
		For >400, Deduct	*-1.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.25*	
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	31.11	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.01*	
		For >400, Deduct	*-1.52*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.26*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	36.58	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.28*	
		For >400, Deduct	*-1.92*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	51.19	
		For >50 To 200, Deduct	*-0.96*	
		For >200 To 400, Deduct	*-1.91*	
		For >400, Deduct	*-2.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.35*	
08 81 23 23-0039		Fire Rated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0040		Fire Rated Field Installed Glass *(08 81 23 23-0039)*		
08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	61.93	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	108.16	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	158.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	205.26	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
08 81 23 23-0045		Laminated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0046		Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	42.96	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.66*	
		For >400, Deduct	*-2.49*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.28*	
		For Tinted Glass, Add	*6.92*	
		For Reflective Coated Glass, Add	*12.46*	
		For Low-E Coated Glass, Add	*6.92*	
		For One Piece Heat Strengthened Glass, Add	*5.54*	
		For One Piece Fully Tempered Glass, Add	*5.54*	
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	53.91	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.07*	
		For >400, Deduct	*-3.11*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.35*	
		For Tinted Glass, Add	*8.64*	
		For Reflective Coated Glass, Add	*15.55*	
		For Low-E Coated Glass, Add	*8.64*	
		For One Piece Heat Strengthened Glass, Add	*6.91*	
		For One Piece Fully Tempered Glass, Add	*6.91*	
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	61.31	
		For >50 To 200, Deduct	*-1.20*	
		For >200 To 400, Deduct	*-2.40*	
		For >400, Deduct	*-3.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.39*	
		For Tinted Glass, Add	*9.98*	
		For Reflective Coated Glass, Add	*17.96*	
		For Low-E Coated Glass, Add	*9.98*	
		For One Piece Heat Strengthened Glass, Add	*7.98*	
		For One Piece Fully Tempered Glass, Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0050	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	68.85	
		For >50 To 200, Deduct	*-1.35*	
		For >200 To 400, Deduct	*-2.69*	
		For >400, Deduct	*-4.04*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.94*	
		For Tinted Glass, Add	*11.23*	
		For Reflective Coated Glass, Add	*20.21*	
		For Low-E Coated Glass, Add	*11.23*	
		For One Piece Heat Strengthened Glass, Add	*8.98*	
		For One Piece Fully Tempered Glass, Add	*8.98*	
08 81 23 23-0051		Insulated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0052		Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054	SF	3/8" Thick, Insulated Field Installed Glass	32.67	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.93*	
		For >400, Deduct	*-1.40*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.12*	
		For Tinted Glass, Add	*3.89*	
		For Reflective Coated Glass, Add	*7.00*	
		For Low-E Coated Glass, Add	*3.89*	
		For One Piece Heat Strengthened Glass, Add	*3.11*	
		For One Piece Fully Tempered Glass, Add	*3.11*	
		For One Piece Obscure Glass, Add	*6.61*	
		For Argon Gas, Add	*2.14*	
08 81 23 23-0055	SF	1/2" Thick, Insulated Field Installed Glass	34.82	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.83*	
		For Tinted Glass, Add	*4.25*	
		For Reflective Coated Glass, Add	*7.65*	
		For Low-E Coated Glass, Add	*4.25*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.22*	
		For Argon Gas, Add	*2.34*	
08 81 23 23-0056	SF	9/16" Thick, Insulated Field Installed Glass	35.15	
		Note: Two 3/16" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.13*	
		For Tinted Glass, Add	*4.26*	
		For Reflective Coated Glass, Add	*7.66*	
		For Low-E Coated Glass, Add	*4.26*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.23*	
		For Argon Gas, Add	*2.34*	
08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass	33.43	
		Note: Two 3/32" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.96*	
		For >400, Deduct	*-1.44*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.42*	
		For Tinted Glass, Add	*4.00*	
		For Reflective Coated Glass, Add	*7.20*	
		For Low-E Coated Glass, Add	*4.00*	
		For One Piece Heat Strengthened Glass, Add	*3.20*	
		For One Piece Fully Tempered Glass, Add	*3.20*	
		For One Piece Obscure Glass, Add	*6.80*	
		For Argon Gas, Add	*2.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	34.82	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.83*	
		For Tinted Glass, Add	*4.25*	
		For Reflective Coated Glass, Add	*7.65*	
		For Low-E Coated Glass, Add	*4.25*	
		For One Piece Heat Strengthened Glass, Add	*3.40*	
		For One Piece Fully Tempered Glass, Add	*3.40*	
		For One Piece Obscure Glass, Add	*7.22*	
		For Argon Gas, Add	*2.34*	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	36.21	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.02*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	36.21	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.02*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	38.76	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.75*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	
08 81 23 23-0063		3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0064	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 3/8" air space.	36.21	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.55*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.02*	
		For Tinted Glass, Add	*4.30*	
		For Reflective Coated Glass, Add	*7.74*	
		For Low-E Coated Glass, Add	*4.30*	
		For One Piece Heat Strengthened Glass, Add	*3.44*	
		For One Piece Fully Tempered Glass, Add	*3.44*	
		For One Piece Obscure Glass, Add	*7.31*	
		For Argon Gas, Add	*2.36*	
08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/8" air space.	38.76	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.75*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 3/8" air space.	41.16	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.19*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	

08 81 23 23-0067 1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*

Note: Type I, Class I, Quality Q3.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0068	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/2" air space.	38.76	
		For >50 To 200, Deduct	*-0.54*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.75*	
		For Tinted Glass, Add	*4.50*	
		For Reflective Coated Glass, Add	*8.10*	
		For Low-E Coated Glass, Add	*4.50*	
		For One Piece Heat Strengthened Glass, Add	*3.60*	
		For One Piece Fully Tempered Glass, Add	*3.60*	
		For One Piece Obscure Glass, Add	*7.65*	
		For Argon Gas, Add	*2.48*	
08 81 23 23-0069	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/2" air space.	41.16	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.19*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	41.16	
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.20*	
		For >400, Deduct	*-1.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.19*	
		For Tinted Glass, Add	*4.99*	
		For Reflective Coated Glass, Add	*8.99*	
		For Low-E Coated Glass, Add	*4.99*	
		For One Piece Heat Strengthened Glass, Add	*3.99*	
		For One Piece Fully Tempered Glass, Add	*3.99*	
		For One Piece Obscure Glass, Add	*8.49*	
		For Argon Gas, Add	*2.75*	
08 81 23 23-0071	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	43.23	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.39*	
		For Tinted Glass, Add	*5.46*	
		For Reflective Coated Glass, Add	*9.83*	
		For Low-E Coated Glass, Add	*5.46*	
		For One Piece Heat Strengthened Glass, Add	*4.37*	
		For One Piece Fully Tempered Glass, Add	*4.37*	
		For One Piece Obscure Glass, Add	*9.28*	
		For Argon Gas, Add	*3.00*	

08 81 23 23-0072 Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0073	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of .060" PVB film between two layers 1/4" thick glass.	115.37	
		For >50 To 200, Deduct	*-2.62*	
		For >200 To 400, Deduct	*-5.24*	
		For >400, Deduct	*-7.86*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*28.02*	
		For Tinted Glass, Add	*21.84*	
		For Reflective Coated Glass, Add	*39.31*	
		For Low-E Coated Glass, Add	*21.84*	
		For Argon Gas, Add	*12.01*	

08 81 23 23-0074 Spandrel Field Installed Glass *(08 81 23 23)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0075		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0074)*		
08 81 23 23-0076	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	37.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 81 23 23-0077	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	33.08	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 81 23 23-0078		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0074)*		
08 81 23 23-0079		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0078)*		
		Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0080	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	42.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 81 23 23-0081	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	37.08	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 81 23 23-0082		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0078)*		
08 81 23 23-0083	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	50.72	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 81 23 23-0084	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	40.93	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 83		**Mirrors** *(08 80)*		
		Note: Kind FT, Type I, Class I, Quality Q1.		
08 83 13		**Mirrored Glass Glazing** *(08 83)*		
08 83 13 00-0001		Mirror Glass *(08 83 13)*		
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	83.49	7.64
		For >50 To 200, Deduct	*-2.05*	
		For >200 To 400, Deduct	*-3.42*	
		For >400, Deduct	*-5.47*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	117.44	7.64
		For >50 To 200, Deduct	*-3.07*	
		For >200 To 400, Deduct	*-5.12*	
		For >400, Deduct	*-8.19*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	27.42	6.12
		For >50 To 200, Deduct	*-0.46*	
		For >200 To 400, Deduct	*-0.76*	
		For >400, Deduct	*-1.22*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	32.46	7.13
		For >50 To 200, Deduct	*-0.55*	
		For >200 To 400, Deduct	*-0.92*	
		For >400, Deduct	*-1.47*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	35.62	7.64
		For >50 To 200, Deduct	*-0.62*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.64*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	45.64	6.12
		For >50 To 200, Deduct	*-1.00*	
		For >200 To 400, Deduct	*-1.67*	
		For >400, Deduct	*-2.67*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	51.80	7.13
		For >50 To 200, Deduct	*-1.13*	
		For >200 To 400, Deduct	*-1.89*	
		For >400, Deduct	*-3.02*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	57.18	7.64
		For >50 To 200, Deduct	*-1.26*	
		For >200 To 400, Deduct	*-2.10*	
		For >400, Deduct	*-3.37*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	37.67	7.64
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.13*	
		For >400, Deduct	*-1.81*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0016		Laminated Safety Mirror Glass *(08 83 13 00-0001)* Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	72.84	7.64
		For >50 To 200, Deduct	*-1.73*	
		For >200 To 400, Deduct	*-2.89*	
		For >400, Deduct	*-4.62*	
08 83 13 00-0018		Accessories For Mirror Glass *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.41	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.53	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.14	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	9.38	
08 84		Plastic Glazing *(08 80)*		
08 84 00 00-0001		Clear Polycarbonate Glazing (GE Lexan) *(08 84)*		
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	17.59	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.61*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	18.53	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.85*	
		For >400, Deduct	*-1.28*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.99*	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	21.97	
		For >50 To 200, Deduct	*-0.58*	
		For >200 To 400, Deduct	*-1.16*	
		For >400, Deduct	*-1.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.39*	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	31.47	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.08*	
		For >400, Deduct	*-3.12*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.68*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	39.72	
		For >50 To 200, Deduct	*-1.41*	
		For >200 To 400, Deduct	*-2.83*	
		For >400, Deduct	*-4.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.46*	
08 84 00 00-0007		Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*		
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	26.01	
		For >50 To 200, Deduct	*-0.82*	
		For >200 To 400, Deduct	*-1.64*	
		For >400, Deduct	*-2.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.61*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	30.17	
		For >50 To 200, Deduct	*-1.01*	
		For >200 To 400, Deduct	*-2.02*	
		For >400, Deduct	*-3.03*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.99*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	31.86	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.15*	
		For >400, Deduct	*-3.22*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.39*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	52.16	
		For >50 To 200, Deduct	*-2.07*	
		For >200 To 400, Deduct	*-4.15*	
		For >400, Deduct	*-6.22*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.68*	
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	55.42	
		For >50 To 200, Deduct	*-2.20*	
		For >200 To 400, Deduct	*-4.40*	
		For >400, Deduct	*-6.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.46*	
08 84 00 00-0013		Clear Acrylic Glazing (Plexiglas) *(08 84)*		
08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	13.31	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.17*	
		For Colored, Add	*0.83*	
		For Shatterproof, Add	*2.48*	
		For Mirrored, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	13.80	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.42*	
		For >400, Deduct	*-0.63*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.61*	
		For Colored, Add	*0.84*	
		For Shatterproof, Add	*2.51*	
		For Mirrored, Add	*3.35*	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	16.53	
		For >50 To 200, Deduct	*-0.33*	
		For >200 To 400, Deduct	*-0.65*	
		For >400, Deduct	*-0.98*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.99*	
		For Colored, Add	*1.31*	
		For Shatterproof, Add	*3.92*	
		For Mirrored, Add	*5.23*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	19.00	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400, Deduct	*-1.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.39*	
		For Colored, Add	*1.72*	
		For Shatterproof, Add	*5.17*	
		For Mirrored, Add	*6.89*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	19.46	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.90*	
		For >400, Deduct	*-1.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.44*	
		For Colored, Add	*1.80*	
		For Shatterproof, Add	*5.41*	
		For Mirrored, Add	*7.22*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	20.11	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.94*	
		For >400, Deduct	*-1.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.68*	
		For Colored, Add	*1.89*	
		For Shatterproof, Add	*5.66*	
		For Mirrored, Add	*7.54*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	23.93	
		For >50 To 200, Deduct	*-0.62*	
		For >200 To 400, Deduct	*-1.25*	
		For >400, Deduct	*-1.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.46*	
		For Colored, Add	*2.49*	
		For Shatterproof, Add	*7.48*	
		For Mirrored, Add	*9.98*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	33.92	
		For >50 To 200, Deduct	*-0.97*	
		For >200 To 400, Deduct	*-1.94*	
		For >400, Deduct	*-2.91*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.50*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	45.62	
		For >50 To 200, Deduct	*-1.49*	
		For >200 To 400, Deduct	*-2.99*	
		For >400, Deduct	*-4.48*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.75*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	29.13	2.04
		For Bronze Anodized Aluminum, Add	*3.53*	
		For Stainless Steel, Add	*14.40*	
		For Black Anodized Finish, Add	*6.36*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	36.02	2.54
		For Bronze Anodized Aluminum, Add	*4.49*	
		For Stainless Steel, Add	*18.26*	
		For Black Anodized Finish, Add	*8.08*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	42.88	2.04
		For Bronze Anodized Aluminum, Add	*5.36*	
		For Stainless Steel, Add	*21.81*	
		For Black Anodized Finish, Add	*9.66*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	51.89	3.05
		For Bronze Anodized Aluminum, Add	*6.41*	
		For Stainless Steel, Add	*26.10*	
		For Black Anodized Finish, Add	*11.54*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	53.06	2.54
		For Bronze Anodized Aluminum, Add	*6.81*	
		For Stainless Steel, Add	*27.64*	
		For Black Anodized Finish, Add	*12.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	64.44	3.05
		For Bronze Anodized Aluminum, Add	*8.14*	
		For Stainless Steel, Add	*33.07*	
		For Black Anodized Finish, Add	*14.65*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	9.86
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	9.86
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	15.44
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.03

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	15.71
		For >1,000 To 5,000, Deduct	*-0.71*
		For >5,000, Deduct	*-1.04*
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	16.82
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-1.15*
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	18.35
		For >1,000 To 5,000, Deduct	*-0.81*
		For >5,000, Deduct	*-1.30*

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	18.04
		For >1,000 To 5,000, Deduct	*-0.80*
		For >5,000, Deduct	*-1.27*
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	18.04
		For >1,000 To 5,000, Deduct	*-0.80*
		For >5,000, Deduct	*-1.27*
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	18.04
		For >1,000 To 5,000, Deduct	*-0.80*
		For >5,000, Deduct	*-1.27*

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	14.49
		For >1,000 To 5,000, Deduct	*-0.67*
		For >5,000, Deduct	*-0.92*
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	14.79
		For >1,000 To 5,000, Deduct	*-0.68*
		For >5,000, Deduct	*-0.95*
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	17.56
		For >1,000 To 5,000, Deduct	*-0.78*
		For >5,000, Deduct	*-1.22*

08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	14.49
		For >1,000 To 5,000, Deduct	*-0.67*
		For >5,000, Deduct	*-0.92*
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	14.79
		For >1,000 To 5,000, Deduct	*-0.68*
		For >5,000, Deduct	*-0.95*

08 88 Special Function Glazing *(08 80)*

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF	130.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	*63.16*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF	153.50	
		For Glass Removal And Preparing Opening For New Glazing, Add	*63.16*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF	174.09	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.31*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF	193.19	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.31*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF	219.56	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.49*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF	234.91	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.49*	
08 88 53 00-0009		**Forced Entry Resistant Glass** *(08 88 53 00-0001)*		
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	48.28	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.91*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	54.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.98*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	62.53	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.19*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	75.68	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.59*	
08 88 53 00-0014		**Glass Clad Polycarbonate** *(08 88 53)*		
08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF	191.23	
		For Glass Removal And Preparing Opening For New Glazing, Add	*77.42*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF	213.80	
		For Glass Removal And Preparing Opening For New Glazing, Add	*89.65*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF	273.32	
		For Glass Removal And Preparing Opening For New Glazing, Add	*101.87*	
08 88 53 00-0018		**Ballistic Resistant Acrylic** *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF	328.68	
		For Glass Removal And Preparing Opening For New Glazing, Add	*77.42*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF	385.25	
		For Glass Removal And Preparing Opening For New Glazing, Add	*89.65*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF	515.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*101.87*	
08 88 53 00-0022		**Ballistic Resistant Fiberglass** *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	80.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*38.71*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	95.46	
		For Glass Removal And Preparing Opening For New Glazing, Add	*44.82*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	108.28	
		For Glass Removal And Preparing Opening For New Glazing, Add	*50.93*	
08 88 53 00-0026		**Forced Entry And/Or Ballistic Resistant Polycarbonate** *(08 88 53)*		
08 88 53 00-0027		**Forced Entry Resistant Monolithic Polycarbonate** *(08 88 53 00-0026)*		
		Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	111.61	
		Note: Level 1 or ASTM F1233, Class II (Step 5).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*61.74*	
08 88 53 00-0029		**Forced Entry Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	137.97	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.40*	
08 88 53 00-0031		**Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	170.37	
		Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.49*	
08 88 53 00-0033		**Fire Resistant, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01	186.89	
		Note: UL-9 Fire Resistant.		
		For Glass Removal And Preparing Opening For New Glazing, Add	*86.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0035		**Insulated, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	159.98	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.40*	
08 88 53 00-0037		**Ballistic And Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	369.56	
		For Glass Removal And Preparing Opening For New Glazing, Add	*169.10*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	374.30	
		For Glass Removal And Preparing Opening For New Glazing, Add	*169.10*	
08 88 53 00-0040		**Ballistic Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	245.87	
		For Glass Removal And Preparing Opening For New Glazing, Add	*114.09*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001		**Motorized Wall Louver Actuator** *(08 91 13)* See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,626.99	87.27
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	2,509.01	87.27
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	1,752.71	87.27
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	6,929.89	87.27

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		**Adjustable Intake Wall Louvers** *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	449.89	23.10
		For Flange Frame, Add	*40.37*	
		For Clear Lacquer Finish, Add	*80.74*	
		For Baked Enamel Standard Colors, Add	*121.10*	
		For Anodized Finish, Add	*161.47*	
		For Kynar® Standard Colors Finish, Add	*222.02*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	562.31	28.24
		For Flange Frame, Add	*50.58*	
		For Clear Lacquer Finish, Add	*101.17*	
		For Baked Enamel Standard Colors, Add	*151.75*	
		For Anodized Finish, Add	*202.33*	
		For Kynar® Standard Colors Finish, Add	*278.21*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	664.89	33.37
		For Flange Frame, Add	*59.82*	
		For Clear Lacquer Finish, Add	*119.63*	
		For Baked Enamel Standard Colors, Add	*179.45*	
		For Anodized Finish, Add	*239.26*	
		For Kynar® Standard Colors Finish, Add	*328.99*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	778.29	38.51
		For Flange Frame, Add	*70.13*	
		For Clear Lacquer Finish, Add	*140.26*	
		For Baked Enamel Standard Colors, Add	*210.39*	
		For Anodized Finish, Add	*280.52*	
		For Kynar® Standard Colors Finish, Add	*385.71*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	876.96	43.64
		For Flange Frame, Add	*78.97*	
		For Clear Lacquer Finish, Add	*157.94*	
		For Baked Enamel Standard Colors, Add	*236.91*	
		For Anodized Finish, Add	*315.88*	
		For Kynar® Standard Colors Finish, Add	*434.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,035.54	48.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*93.80*	
		For Clear Lacquer Finish, Add	*187.60*	
		For Baked Enamel Standard Colors, Add	*281.40*	
		For Anodized Finish, Add	*375.20*	
		For Kynar® Standard Colors Finish, Add	*515.90*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,180.37	53.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*107.26*	
		For Clear Lacquer Finish, Add	*214.51*	
		For Baked Enamel Standard Colors, Add	*321.77*	
		For Anodized Finish, Add	*429.02*	
		For Kynar® Standard Colors Finish, Add	*589.91*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,310.69	61.61
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*118.75*	
		For Clear Lacquer Finish, Add	*237.50*	
		For Baked Enamel Standard Colors, Add	*356.24*	
		For Anodized Finish, Add	*474.99*	
		For Kynar® Standard Colors Finish, Add	*653.11*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,398.55	66.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*126.51*	
		For Clear Lacquer Finish, Add	*253.01*	
		For Baked Enamel Standard Colors, Add	*379.52*	
		For Anodized Finish, Add	*506.03*	
		For Kynar® Standard Colors Finish, Add	*695.79*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,509.00	71.87
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*136.53*	
		For Clear Lacquer Finish, Add	*273.05*	
		For Baked Enamel Standard Colors, Add	*409.58*	
		For Anodized Finish, Add	*546.10*	
		For Kynar® Standard Colors Finish, Add	*750.89*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,605.70	77.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*145.17*	
		For Clear Lacquer Finish, Add	*290.34*	
		For Baked Enamel Standard Colors, Add	*435.51*	
		For Anodized Finish, Add	*580.68*	
		For Kynar® Standard Colors Finish, Add	*798.43*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,729.91	82.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*156.56*	
		For Clear Lacquer Finish, Add	*313.13*	
		For Baked Enamel Standard Colors, Add	*469.69*	
		For Anodized Finish, Add	*626.25*	
		For Kynar® Standard Colors Finish, Add	*861.10*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,849.20	87.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*167.47*	
		For Clear Lacquer Finish, Add	*334.93*	
		For Baked Enamel Standard Colors, Add	*502.40*	
		For Anodized Finish, Add	*669.86*	
		For Kynar® Standard Colors Finish, Add	*921.06*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,997.20	94.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.73*	
		For Clear Lacquer Finish, Add	*361.45*	
		For Baked Enamel Standard Colors, Add	*542.18*	
		For Anodized Finish, Add	*722.90*	
		For Kynar® Standard Colors Finish, Add	*993.99*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,105.90	102.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*190.06*	
		For Clear Lacquer Finish, Add	*380.11*	
		For Baked Enamel Standard Colors, Add	*570.17*	
		For Anodized Finish, Add	*760.22*	
		For Kynar® Standard Colors Finish, Add	*1,045.31*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	504.36	28.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*44.79*	
		For Clear Lacquer Finish, Add	*89.58*	
		For Baked Enamel Standard Colors, Add	*134.36*	
		For Anodized Finish, Add	*179.15*	
		For Kynar® Standard Colors Finish, Add	*246.33*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	636.63	35.94
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*56.48*	
		For Clear Lacquer Finish, Add	*112.95*	
		For Baked Enamel Standard Colors, Add	*169.43*	
		For Anodized Finish, Add	*225.90*	
		For Kynar® Standard Colors Finish, Add	*310.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	747.09	41.07
		For Flange Frame, Add	*66.50*	
		For Clear Lacquer Finish, Add	*132.99*	
		For Baked Enamel Standard Colors, Add	*199.49*	
		For Anodized Finish, Add	*265.98*	
		For Kynar® Standard Colors Finish, Add	*365.72*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	929.68	51.34
		For Flange Frame, Add	*82.70*	
		For Clear Lacquer Finish, Add	*165.40*	
		For Baked Enamel Standard Colors, Add	*248.10*	
		For Anodized Finish, Add	*330.80*	
		For Kynar® Standard Colors Finish, Add	*454.86*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,057.82	56.48
		For Flange Frame, Add	*94.49*	
		For Clear Lacquer Finish, Add	*188.98*	
		For Baked Enamel Standard Colors, Add	*283.46*	
		For Anodized Finish, Add	*377.95*	
		For Kynar® Standard Colors Finish, Add	*519.68*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,185.95	61.61
		For Flange Frame, Add	*106.27*	
		For Clear Lacquer Finish, Add	*212.55*	
		For Baked Enamel Standard Colors, Add	*318.82*	
		For Anodized Finish, Add	*425.10*	
		For Kynar® Standard Colors Finish, Add	*584.51*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,339.62	66.73
		For Flange Frame, Add	*120.61*	
		For Clear Lacquer Finish, Add	*241.23*	
		For Baked Enamel Standard Colors, Add	*361.84*	
		For Anodized Finish, Add	*482.46*	
		For Kynar® Standard Colors Finish, Add	*663.38*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,485.65	74.43
		For Flange Frame, Add	*133.68*	
		For Clear Lacquer Finish, Add	*267.35*	
		For Baked Enamel Standard Colors, Add	*401.03*	
		For Anodized Finish, Add	*534.71*	
		For Kynar® Standard Colors Finish, Add	*735.22*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,602.22	82.14
		For Flange Frame, Add	*143.79*	
		For Clear Lacquer Finish, Add	*287.59*	
		For Baked Enamel Standard Colors, Add	*431.38*	
		For Anodized Finish, Add	*575.18*	
		For Kynar® Standard Colors Finish, Add	*790.87*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,714.64	87.27
		For Flange Frame, Add	*154.01*	
		For Clear Lacquer Finish, Add	*308.02*	
		For Baked Enamel Standard Colors, Add	*462.03*	
		For Anodized Finish, Add	*616.04*	
		For Kynar® Standard Colors Finish, Add	*847.05*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,820.18	92.40
		For Flange Frame, Add	*163.54*	
		For Clear Lacquer Finish, Add	*327.07*	
		For Baked Enamel Standard Colors, Add	*490.61*	
		For Anodized Finish, Add	*654.14*	
		For Kynar® Standard Colors Finish, Add	*899.45*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,957.16	97.54
		For Flange Frame, Add	*176.21*	
		For Clear Lacquer Finish, Add	*352.41*	
		For Baked Enamel Standard Colors, Add	*528.62*	
		For Anodized Finish, Add	*704.83*	
		For Kynar® Standard Colors Finish, Add	*969.14*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,089.20	102.67
		For Flange Frame, Add	*188.39*	
		For Clear Lacquer Finish, Add	*376.77*	
		For Baked Enamel Standard Colors, Add	*565.16*	
		For Anodized Finish, Add	*753.54*	
		For Kynar® Standard Colors Finish, Add	*1,036.12*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,249.98	110.37
		For Flange Frame, Add	*202.92*	
		For Clear Lacquer Finish, Add	*405.85*	
		For Baked Enamel Standard Colors, Add	*608.77*	
		For Anodized Finish, Add	*811.69*	
		For Kynar® Standard Colors Finish, Add	*1,116.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,371.45	118.07
		For Flange Frame, Add	*213.53*	
		For Clear Lacquer Finish, Add	*427.06*	
		For Baked Enamel Standard Colors, Add	*640.59*	
		For Anodized Finish, Add	*854.12*	
		For Kynar® Standard Colors Finish, Add	*1,174.42*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	563.72	33.37
		For Flange Frame, Add	*49.70*	
		For Clear Lacquer Finish, Add	*99.40*	
		For Baked Enamel Standard Colors, Add	*149.10*	
		For Anodized Finish, Add	*198.80*	
		For Kynar® Standard Colors Finish, Add	*273.34*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	715.66	41.07
		For Flange Frame, Add	*63.35*	
		For Clear Lacquer Finish, Add	*126.70*	
		For Baked Enamel Standard Colors, Add	*190.06*	
		For Anodized Finish, Add	*253.41*	
		For Kynar® Standard Colors Finish, Add	*348.44*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	887.23	48.77
		For Flange Frame, Add	*78.97*	
		For Clear Lacquer Finish, Add	*157.94*	
		For Baked Enamel Standard Colors, Add	*236.91*	
		For Anodized Finish, Add	*315.88*	
		For Kynar® Standard Colors Finish, Add	*434.33*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,046.25	59.04
		For Flange Frame, Add	*92.82*	
		For Clear Lacquer Finish, Add	*185.64*	
		For Baked Enamel Standard Colors, Add	*278.45*	
		For Anodized Finish, Add	*371.27*	
		For Kynar® Standard Colors Finish, Add	*510.50*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,187.15	64.18
		For Flange Frame, Add	*105.88*	
		For Clear Lacquer Finish, Add	*211.76*	
		For Baked Enamel Standard Colors, Add	*317.64*	
		For Anodized Finish, Add	*423.52*	
		For Kynar® Standard Colors Finish, Add	*582.35*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,335.91	69.30
		For Flange Frame, Add	*119.73*	
		For Clear Lacquer Finish, Add	*239.46*	
		For Baked Enamel Standard Colors, Add	*359.19*	
		For Anodized Finish, Add	*478.92*	
		For Kynar® Standard Colors Finish, Add	*658.52*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,519.27	77.00
		For Flange Frame, Add	*136.53*	
		For Clear Lacquer Finish, Add	*273.05*	
		For Baked Enamel Standard Colors, Add	*409.58*	
		For Anodized Finish, Add	*546.10*	
		For Kynar® Standard Colors Finish, Add	*750.89*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,673.39	87.27
		For Flange Frame, Add	*149.88*	
		For Clear Lacquer Finish, Add	*299.77*	
		For Baked Enamel Standard Colors, Add	*449.65*	
		For Anodized Finish, Add	*599.54*	
		For Kynar® Standard Colors Finish, Add	*824.36*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,793.66	92.40
		For Flange Frame, Add	*160.88*	
		For Clear Lacquer Finish, Add	*321.77*	
		For Baked Enamel Standard Colors, Add	*482.65*	
		For Anodized Finish, Add	*643.54*	
		For Kynar® Standard Colors Finish, Add	*884.86*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,924.19	102.67
		For Flange Frame, Add	*171.89*	
		For Clear Lacquer Finish, Add	*343.77*	
		For Baked Enamel Standard Colors, Add	*515.66*	
		For Anodized Finish, Add	*687.54*	
		For Kynar® Standard Colors Finish, Add	*945.37*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,046.43	107.81
		For Flange Frame, Add	*183.08*	
		For Clear Lacquer Finish, Add	*366.16*	
		For Baked Enamel Standard Colors, Add	*549.25*	
		For Anodized Finish, Add	*732.33*	
		For Kynar® Standard Colors Finish, Add	*1,006.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,212.87	112.94
		For Flange Frame, Add	*198.70*	
		For Clear Lacquer Finish, Add	*397.40*	
		For Baked Enamel Standard Colors, Add	*596.10*	
		For Anodized Finish, Add	*794.80*	
		For Kynar® Standard Colors Finish, Add	*1,092.84*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,353.77	118.07
		For Flange Frame, Add	*211.76*	
		For Clear Lacquer Finish, Add	*423.52*	
		For Baked Enamel Standard Colors, Add	*635.29*	
		For Anodized Finish, Add	*847.05*	
		For Kynar® Standard Colors Finish, Add	*1,164.69*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,531.24	125.78
		For Flange Frame, Add	*227.97*	
		For Clear Lacquer Finish, Add	*455.94*	
		For Baked Enamel Standard Colors, Add	*683.91*	
		For Anodized Finish, Add	*911.88*	
		For Kynar® Standard Colors Finish, Add	*1,253.83*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,661.55	133.48
		For Flange Frame, Add	*239.46*	
		For Clear Lacquer Finish, Add	*478.92*	
		For Baked Enamel Standard Colors, Add	*718.38*	
		For Anodized Finish, Add	*957.84*	
		For Kynar® Standard Colors Finish, Add	*1,317.03*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	628.01	38.51
		For Flange Frame, Add	*55.10*	
		For Clear Lacquer Finish, Add	*110.20*	
		For Baked Enamel Standard Colors, Add	*165.30*	
		For Anodized Finish, Add	*220.40*	
		For Kynar® Standard Colors Finish, Add	*303.06*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	836.37	51.34
		For Flange Frame, Add	*73.37*	
		For Clear Lacquer Finish, Add	*146.74*	
		For Baked Enamel Standard Colors, Add	*220.11*	
		For Anodized Finish, Add	*293.48*	
		For Kynar® Standard Colors Finish, Add	*403.54*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	993.21	59.04
		For Flange Frame, Add	*87.51*	
		For Clear Lacquer Finish, Add	*175.03*	
		For Baked Enamel Standard Colors, Add	*262.54*	
		For Anodized Finish, Add	*350.06*	
		For Kynar® Standard Colors Finish, Add	*481.33*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,164.79	66.73
		For Flange Frame, Add	*103.13*	
		For Clear Lacquer Finish, Add	*206.26*	
		For Baked Enamel Standard Colors, Add	*309.39*	
		For Anodized Finish, Add	*412.52*	
		For Kynar® Standard Colors Finish, Add	*567.22*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,318.45	71.87
		For Flange Frame, Add	*117.47*	
		For Clear Lacquer Finish, Add	*234.94*	
		For Baked Enamel Standard Colors, Add	*352.41*	
		For Anodized Finish, Add	*469.88*	
		For Kynar® Standard Colors Finish, Add	*646.09*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,477.26	79.57
		For Flange Frame, Add	*131.81*	
		For Clear Lacquer Finish, Add	*263.62*	
		For Baked Enamel Standard Colors, Add	*395.43*	
		For Anodized Finish, Add	*527.24*	
		For Kynar® Standard Colors Finish, Add	*724.96*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,668.25	84.70
		For Flange Frame, Add	*149.88*	
		For Clear Lacquer Finish, Add	*299.77*	
		For Baked Enamel Standard Colors, Add	*449.65*	
		For Anodized Finish, Add	*599.54*	
		For Kynar® Standard Colors Finish, Add	*824.36*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,830.99	92.40
		For Flange Frame, Add	*164.62*	
		For Clear Lacquer Finish, Add	*329.23*	
		For Baked Enamel Standard Colors, Add	*493.85*	
		For Anodized Finish, Add	*658.47*	
		For Kynar® Standard Colors Finish, Add	*905.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,965.01	97.54
		For Flange Frame, Add	*176.99*	
		For Clear Lacquer Finish, Add	*353.98*	
		For Baked Enamel Standard Colors, Add	*530.98*	
		For Anodized Finish, Add	*707.97*	
		For Kynar® Standard Colors Finish, Add	*973.46*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,111.26	107.81
		For Flange Frame, Add	*189.57*	
		For Clear Lacquer Finish, Add	*379.13*	
		For Baked Enamel Standard Colors, Add	*568.70*	
		For Anodized Finish, Add	*758.26*	
		For Kynar® Standard Colors Finish, Add	*1,042.61*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,251.40	115.51
		For Flange Frame, Add	*202.04*	
		For Clear Lacquer Finish, Add	*404.08*	
		For Baked Enamel Standard Colors, Add	*606.12*	
		For Anodized Finish, Add	*808.16*	
		For Kynar® Standard Colors Finish, Add	*1,111.21*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,428.64	120.64
		For Flange Frame, Add	*218.74*	
		For Clear Lacquer Finish, Add	*437.47*	
		For Baked Enamel Standard Colors, Add	*656.21*	
		For Anodized Finish, Add	*874.94*	
		For Kynar® Standard Colors Finish, Add	*1,203.05*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,582.31	125.78
		For Flange Frame, Add	*233.08*	
		For Clear Lacquer Finish, Add	*466.15*	
		For Baked Enamel Standard Colors, Add	*699.23*	
		For Anodized Finish, Add	*932.30*	
		For Kynar® Standard Colors Finish, Add	*1,281.92*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,768.61	133.48
		For Flange Frame, Add	*250.17*	
		For Clear Lacquer Finish, Add	*500.33*	
		For Baked Enamel Standard Colors, Add	*750.50*	
		For Anodized Finish, Add	*1,000.66*	
		For Kynar® Standard Colors Finish, Add	*1,375.91*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,916.62	141.18
		For Flange Frame, Add	*263.43*	
		For Clear Lacquer Finish, Add	*526.85*	
		For Baked Enamel Standard Colors, Add	*790.28*	
		For Anodized Finish, Add	*1,053.70*	
		For Kynar® Standard Colors Finish, Add	*1,448.84*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	687.39	43.64
		For Flange Frame, Add	*60.01*	
		For Clear Lacquer Finish, Add	*120.02*	
		For Baked Enamel Standard Colors, Add	*180.04*	
		For Anodized Finish, Add	*240.05*	
		For Kynar® Standard Colors Finish, Add	*330.07*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	931.11	56.48
		For Flange Frame, Add	*81.82*	
		For Clear Lacquer Finish, Add	*163.63*	
		For Baked Enamel Standard Colors, Add	*245.45*	
		For Anodized Finish, Add	*327.27*	
		For Kynar® Standard Colors Finish, Add	*449.99*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,088.93	64.18
		For Flange Frame, Add	*96.06*	
		For Clear Lacquer Finish, Add	*192.12*	
		For Baked Enamel Standard Colors, Add	*288.18*	
		For Anodized Finish, Add	*384.24*	
		For Kynar® Standard Colors Finish, Add	*528.32*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,277.20	71.87
		For Flange Frame, Add	*113.35*	
		For Clear Lacquer Finish, Add	*226.69*	
		For Baked Enamel Standard Colors, Add	*340.04*	
		For Anodized Finish, Add	*453.38*	
		For Kynar® Standard Colors Finish, Add	*623.40*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,451.58	78.03
		For Flange Frame, Add	*129.55*	
		For Clear Lacquer Finish, Add	*259.10*	
		For Baked Enamel Standard Colors, Add	*388.66*	
		For Anodized Finish, Add	*518.21*	
		For Kynar® Standard Colors Finish, Add	*712.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,615.21	84.70
		For Flange Frame, Add	*144.58*	
		For Clear Lacquer Finish, Add	*289.16*	
		For Baked Enamel Standard Colors, Add	*433.74*	
		For Anodized Finish, Add	*578.32*	
		For Kynar® Standard Colors Finish, Add	*795.19*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,828.79	89.84
		For Flange Frame, Add	*164.91*	
		For Clear Lacquer Finish, Add	*329.82*	
		For Baked Enamel Standard Colors, Add	*494.73*	
		For Anodized Finish, Add	*659.64*	
		For Kynar® Standard Colors Finish, Add	*907.01*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,012.16	97.54
		For Flange Frame, Add	*181.71*	
		For Clear Lacquer Finish, Add	*363.41*	
		For Baked Enamel Standard Colors, Add	*545.12*	
		For Anodized Finish, Add	*726.83*	
		For Kynar® Standard Colors Finish, Add	*999.39*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,161.13	105.24
		For Flange Frame, Add	*195.07*	
		For Clear Lacquer Finish, Add	*390.13*	
		For Baked Enamel Standard Colors, Add	*585.20*	
		For Anodized Finish, Add	*780.26*	
		For Kynar® Standard Colors Finish, Add	*1,072.86*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,314.04	112.94
		For Flange Frame, Add	*208.82*	
		For Clear Lacquer Finish, Add	*417.63*	
		For Baked Enamel Standard Colors, Add	*626.45*	
		For Anodized Finish, Add	*835.26*	
		For Kynar® Standard Colors Finish, Add	*1,148.49*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,471.86	120.64
		For Flange Frame, Add	*223.06*	
		For Clear Lacquer Finish, Add	*446.12*	
		For Baked Enamel Standard Colors, Add	*669.17*	
		For Anodized Finish, Add	*892.23*	
		For Kynar® Standard Colors Finish, Add	*1,226.82*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,665.80	125.78
		For Flange Frame, Add	*241.43*	
		For Clear Lacquer Finish, Add	*482.85*	
		For Baked Enamel Standard Colors, Add	*724.28*	
		For Anodized Finish, Add	*965.70*	
		For Kynar® Standard Colors Finish, Add	*1,327.84*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,831.26	130.91
		For Flange Frame, Add	*256.94*	
		For Clear Lacquer Finish, Add	*513.89*	
		For Baked Enamel Standard Colors, Add	*770.83*	
		For Anodized Finish, Add	*1,027.78*	
		For Kynar® Standard Colors Finish, Add	*1,413.19*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,042.11	138.61
		For Flange Frame, Add	*276.49*	
		For Clear Lacquer Finish, Add	*552.98*	
		For Baked Enamel Standard Colors, Add	*829.47*	
		For Anodized Finish, Add	*1,105.96*	
		For Kynar® Standard Colors Finish, Add	*1,520.69*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,198.95	146.31
		For Flange Frame, Add	*290.63*	
		For Clear Lacquer Finish, Add	*581.27*	
		For Baked Enamel Standard Colors, Add	*871.90*	
		For Anodized Finish, Add	*1,162.53*	
		For Kynar® Standard Colors Finish, Add	*1,598.48*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	787.04	48.77
		For Flange Frame, Add	*68.95*	
		For Clear Lacquer Finish, Add	*137.90*	
		For Baked Enamel Standard Colors, Add	*206.85*	
		For Anodized Finish, Add	*275.80*	
		For Kynar® Standard Colors Finish, Add	*379.23*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,004.24	61.61
		For Flange Frame, Add	*88.10*	
		For Clear Lacquer Finish, Add	*176.21*	
		For Baked Enamel Standard Colors, Add	*264.31*	
		For Anodized Finish, Add	*352.41*	
		For Kynar® Standard Colors Finish, Add	*484.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,179.74	69.30
		For Flange Frame, Add	*104.11*	
		For Clear Lacquer Finish, Add	*208.23*	
		For Baked Enamel Standard Colors, Add	*312.34*	
		For Anodized Finish, Add	*416.45*	
		For Kynar® Standard Colors Finish, Add	*572.62*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,380.02	79.57
		For Flange Frame, Add	*122.09*	
		For Clear Lacquer Finish, Add	*244.17*	
		For Baked Enamel Standard Colors, Add	*366.26*	
		For Anodized Finish, Add	*488.35*	
		For Kynar® Standard Colors Finish, Add	*671.48*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,566.10	84.70
		For Flange Frame, Add	*139.67*	
		For Clear Lacquer Finish, Add	*279.34*	
		For Baked Enamel Standard Colors, Add	*419.01*	
		For Anodized Finish, Add	*558.68*	
		For Kynar® Standard Colors Finish, Add	*768.18*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,742.36	89.84
		For Flange Frame, Add	*156.27*	
		For Clear Lacquer Finish, Add	*312.54*	
		For Baked Enamel Standard Colors, Add	*468.80*	
		For Anodized Finish, Add	*625.07*	
		For Kynar® Standard Colors Finish, Add	*859.47*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,974.61	94.97
		For Flange Frame, Add	*178.47*	
		For Clear Lacquer Finish, Add	*356.93*	
		For Baked Enamel Standard Colors, Add	*535.40*	
		For Anodized Finish, Add	*713.86*	
		For Kynar® Standard Colors Finish, Add	*981.56*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,160.90	102.67
		For Flange Frame, Add	*195.56*	
		For Clear Lacquer Finish, Add	*391.11*	
		For Baked Enamel Standard Colors, Add	*586.67*	
		For Anodized Finish, Add	*782.22*	
		For Kynar® Standard Colors Finish, Add	*1,075.56*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,328.55	110.37
		For Flange Frame, Add	*210.78*	
		For Clear Lacquer Finish, Add	*421.56*	
		For Baked Enamel Standard Colors, Add	*632.34*	
		For Anodized Finish, Add	*843.12*	
		For Kynar® Standard Colors Finish, Add	*1,159.29*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,485.39	118.07
		For Flange Frame, Add	*224.92*	
		For Clear Lacquer Finish, Add	*449.85*	
		For Baked Enamel Standard Colors, Add	*674.77*	
		For Anodized Finish, Add	*899.70*	
		For Kynar® Standard Colors Finish, Add	*1,237.08*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,656.96	125.78
		For Flange Frame, Add	*240.54*	
		For Clear Lacquer Finish, Add	*481.08*	
		For Baked Enamel Standard Colors, Add	*721.62*	
		For Anodized Finish, Add	*962.16*	
		For Kynar® Standard Colors Finish, Add	*1,322.98*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,865.63	130.91
		For Flange Frame, Add	*260.38*	
		For Clear Lacquer Finish, Add	*520.76*	
		For Baked Enamel Standard Colors, Add	*781.14*	
		For Anodized Finish, Add	*1,041.52*	
		For Kynar® Standard Colors Finish, Add	*1,432.10*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,046.81	136.04
		For Flange Frame, Add	*277.47*	
		For Clear Lacquer Finish, Add	*554.94*	
		For Baked Enamel Standard Colors, Add	*832.42*	
		For Anodized Finish, Add	*1,109.89*	
		For Kynar® Standard Colors Finish, Add	*1,526.10*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,283.20	143.74
		For Flange Frame, Add	*299.57*	
		For Clear Lacquer Finish, Add	*599.14*	
		For Baked Enamel Standard Colors, Add	*898.71*	
		For Anodized Finish, Add	*1,198.28*	
		For Kynar® Standard Colors Finish, Add	*1,647.64*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,446.91	151.45
		For Flange Frame, Add	*314.40*	
		For Clear Lacquer Finish, Add	*628.80*	
		For Baked Enamel Standard Colors, Add	*943.21*	
		For Anodized Finish, Add	*1,257.61*	
		For Kynar® Standard Colors Finish, Add	*1,729.21*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	851.34	53.91
		For Flange Frame, Add	*74.35*	
		For Clear Lacquer Finish, Add	*148.71*	
		For Baked Enamel Standard Colors, Add	*223.06*	
		For Anodized Finish, Add	*297.41*	
		For Kynar® Standard Colors Finish, Add	*408.94*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,082.29	66.73
		For Flange Frame, Add	*94.88*	
		For Clear Lacquer Finish, Add	*189.76*	
		For Baked Enamel Standard Colors, Add	*284.64*	
		For Anodized Finish, Add	*379.52*	
		For Kynar® Standard Colors Finish, Add	*521.85*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,281.58	77.00
		For Flange Frame, Add	*112.76*	
		For Clear Lacquer Finish, Add	*225.51*	
		For Baked Enamel Standard Colors, Add	*338.27*	
		For Anodized Finish, Add	*451.03*	
		For Kynar® Standard Colors Finish, Add	*620.16*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,487.52	84.70
		For Flange Frame, Add	*131.81*	
		For Clear Lacquer Finish, Add	*263.62*	
		For Baked Enamel Standard Colors, Add	*395.43*	
		For Anodized Finish, Add	*527.24*	
		For Kynar® Standard Colors Finish, Add	*724.96*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,693.25	89.84
		For Flange Frame, Add	*151.36*	
		For Clear Lacquer Finish, Add	*302.71*	
		For Baked Enamel Standard Colors, Add	*454.07*	
		For Anodized Finish, Add	*605.43*	
		For Kynar® Standard Colors Finish, Add	*832.46*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,892.10	94.97
		For Flange Frame, Add	*170.22*	
		For Clear Lacquer Finish, Add	*340.43*	
		For Baked Enamel Standard Colors, Add	*510.65*	
		For Anodized Finish, Add	*680.86*	
		For Kynar® Standard Colors Finish, Add	*936.18*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,139.29	102.67
		For Flange Frame, Add	*193.40*	
		For Clear Lacquer Finish, Add	*386.79*	
		For Baked Enamel Standard Colors, Add	*580.19*	
		For Anodized Finish, Add	*773.58*	
		For Kynar® Standard Colors Finish, Add	*1,063.67*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,343.28	110.37
		For Flange Frame, Add	*212.25*	
		For Clear Lacquer Finish, Add	*424.51*	
		For Baked Enamel Standard Colors, Add	*636.76*	
		For Anodized Finish, Add	*849.01*	
		For Kynar® Standard Colors Finish, Add	*1,167.39*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,519.77	118.07
		For Flange Frame, Add	*228.36*	
		For Clear Lacquer Finish, Add	*456.72*	
		For Baked Enamel Standard Colors, Add	*685.09*	
		For Anodized Finish, Add	*913.45*	
		For Kynar® Standard Colors Finish, Add	*1,255.99*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,699.19	125.78
		For Flange Frame, Add	*244.76*	
		For Clear Lacquer Finish, Add	*489.53*	
		For Baked Enamel Standard Colors, Add	*734.29*	
		For Anodized Finish, Add	*979.06*	
		For Kynar® Standard Colors Finish, Add	*1,346.20*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,874.69	133.48
		For Flange Frame, Add	*260.77*	
		For Clear Lacquer Finish, Add	*521.55*	
		For Baked Enamel Standard Colors, Add	*782.32*	
		For Anodized Finish, Add	*1,043.10*	
		For Kynar® Standard Colors Finish, Add	*1,434.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,110.87	138.61
		For Flange Frame, Add	*283.37*	
		For Clear Lacquer Finish, Add	*566.73*	
		For Baked Enamel Standard Colors, Add	*850.10*	
		For Anodized Finish, Add	*1,133.46*	
		For Kynar® Standard Colors Finish, Add	*1,558.51*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,306.77	143.74
		For Flange Frame, Add	*301.93*	
		For Clear Lacquer Finish, Add	*603.86*	
		For Baked Enamel Standard Colors, Add	*905.78*	
		For Anodized Finish, Add	*1,207.71*	
		For Kynar® Standard Colors Finish, Add	*1,660.60*	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,548.84	148.88
		For Flange Frame, Add	*325.11*	
		For Clear Lacquer Finish, Add	*650.22*	
		For Baked Enamel Standard Colors, Add	*975.32*	
		For Anodized Finish, Add	*1,300.43*	
		For Kynar® Standard Colors Finish, Add	*1,788.09*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,729.25	156.58
		For Flange Frame, Add	*341.61*	
		For Clear Lacquer Finish, Add	*683.22*	
		For Baked Enamel Standard Colors, Add	*1,024.83*	
		For Anodized Finish, Add	*1,366.44*	
		For Kynar® Standard Colors Finish, Add	*1,878.85*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	988.53	61.61
		For Flange Frame, Add	*86.53*	
		For Clear Lacquer Finish, Add	*173.06*	
		For Baked Enamel Standard Colors, Add	*259.60*	
		For Anodized Finish, Add	*346.13*	
		For Kynar® Standard Colors Finish, Add	*475.93*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,268.59	74.43
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.91*	
		For Anodized Finish, Add	*447.88*	
		For Kynar® Standard Colors Finish, Add	*615.84*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,486.77	87.27
		For Flange Frame, Add	*131.22*	
		For Clear Lacquer Finish, Add	*262.44*	
		For Baked Enamel Standard Colors, Add	*393.67*	
		For Anodized Finish, Add	*524.89*	
		For Kynar® Standard Colors Finish, Add	*721.72*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,710.18	92.40
		For Flange Frame, Add	*152.54*	
		For Clear Lacquer Finish, Add	*305.07*	
		For Baked Enamel Standard Colors, Add	*457.61*	
		For Anodized Finish, Add	*610.14*	
		For Kynar® Standard Colors Finish, Add	*838.95*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,953.23	97.54
		For Flange Frame, Add	*175.81*	
		For Clear Lacquer Finish, Add	*351.63*	
		For Baked Enamel Standard Colors, Add	*527.44*	
		For Anodized Finish, Add	*703.26*	
		For Kynar® Standard Colors Finish, Add	*966.98*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,170.72	102.67
		For Flange Frame, Add	*196.54*	
		For Clear Lacquer Finish, Add	*393.08*	
		For Baked Enamel Standard Colors, Add	*589.61*	
		For Anodized Finish, Add	*786.15*	
		For Kynar® Standard Colors Finish, Add	*1,080.96*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,458.20	110.37
		For Flange Frame, Add	*223.75*	
		For Clear Lacquer Finish, Add	*447.49*	
		For Baked Enamel Standard Colors, Add	*671.24*	
		For Anodized Finish, Add	*894.98*	
		For Kynar® Standard Colors Finish, Add	*1,230.60*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,737.81	118.07
		For Flange Frame, Add	*250.17*	
		For Clear Lacquer Finish, Add	*500.33*	
		For Baked Enamel Standard Colors, Add	*750.50*	
		For Anodized Finish, Add	*1,000.66*	
		For Kynar® Standard Colors Finish, Add	*1,375.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,946.71	125.78
		For Flange Frame, Add	*269.52*	
		For Clear Lacquer Finish, Add	*539.03*	
		For Baked Enamel Standard Colors, Add	*808.55*	
		For Anodized Finish, Add	*1,078.06*	
		For Kynar® Standard Colors Finish, Add	*1,482.34*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,152.65	133.48
		For Flange Frame, Add	*288.57*	
		For Clear Lacquer Finish, Add	*577.14*	
		For Baked Enamel Standard Colors, Add	*865.71*	
		For Anodized Finish, Add	*1,154.28*	
		For Kynar® Standard Colors Finish, Add	*1,587.14*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,351.51	138.61
		For Flange Frame, Add	*307.43*	
		For Clear Lacquer Finish, Add	*614.86*	
		For Baked Enamel Standard Colors, Add	*922.29*	
		For Anodized Finish, Add	*1,229.72*	
		For Kynar® Standard Colors Finish, Add	*1,690.86*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,615.18	143.74
		For Flange Frame, Add	*332.77*	
		For Clear Lacquer Finish, Add	*665.54*	
		For Baked Enamel Standard Colors, Add	*998.31*	
		For Anodized Finish, Add	*1,331.08*	
		For Kynar® Standard Colors Finish, Add	*1,830.23*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,834.66	148.88
		For Flange Frame, Add	*353.69*	
		For Clear Lacquer Finish, Add	*707.38*	
		For Baked Enamel Standard Colors, Add	*1,061.07*	
		For Anodized Finish, Add	*1,414.76*	
		For Kynar® Standard Colors Finish, Add	*1,945.30*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,117.98	154.01
		For Flange Frame, Add	*381.00*	
		For Clear Lacquer Finish, Add	*761.99*	
		For Baked Enamel Standard Colors, Add	*1,142.99*	
		For Anodized Finish, Add	*1,523.98*	
		For Kynar® Standard Colors Finish, Add	*2,095.47*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,328.84	161.71
		For Flange Frame, Add	*400.54*	
		For Clear Lacquer Finish, Add	*801.08*	
		For Baked Enamel Standard Colors, Add	*1,201.62*	
		For Anodized Finish, Add	*1,602.16*	
		For Kynar® Standard Colors Finish, Add	*2,202.98*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,048.89	66.73
		For Flange Frame, Add	*91.54*	
		For Clear Lacquer Finish, Add	*183.08*	
		For Baked Enamel Standard Colors, Add	*274.62*	
		For Anodized Finish, Add	*366.16*	
		For Kynar® Standard Colors Finish, Add	*503.48*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,351.76	82.14
		For Flange Frame, Add	*118.75*	
		For Clear Lacquer Finish, Add	*237.50*	
		For Baked Enamel Standard Colors, Add	*356.24*	
		For Anodized Finish, Add	*474.99*	
		For Kynar® Standard Colors Finish, Add	*653.11*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,575.62	92.40
		For Flange Frame, Add	*139.08*	
		For Clear Lacquer Finish, Add	*278.16*	
		For Baked Enamel Standard Colors, Add	*417.24*	
		For Anodized Finish, Add	*556.32*	
		For Kynar® Standard Colors Finish, Add	*764.94*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,821.61	97.54
		For Flange Frame, Add	*162.65*	
		For Clear Lacquer Finish, Add	*325.30*	
		For Baked Enamel Standard Colors, Add	*487.96*	
		For Anodized Finish, Add	*650.61*	
		For Kynar® Standard Colors Finish, Add	*894.59*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,078.62	105.24
		For Flange Frame, Add	*186.81*	
		For Clear Lacquer Finish, Add	*373.63*	
		For Baked Enamel Standard Colors, Add	*560.44*	
		For Anodized Finish, Add	*747.26*	
		For Kynar® Standard Colors Finish, Add	*1,027.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,308.91	110.37
		For Flange Frame, Add	*208.82*	
		For Clear Lacquer Finish, Add	*417.63*	
		For Baked Enamel Standard Colors, Add	*626.45*	
		For Anodized Finish, Add	*835.26*	
		For Kynar® Standard Colors Finish, Add	*1,148.49*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,617.00	118.07
		For Flange Frame, Add	*238.09*	
		For Clear Lacquer Finish, Add	*476.17*	
		For Baked Enamel Standard Colors, Add	*714.26*	
		For Anodized Finish, Add	*952.34*	
		For Kynar® Standard Colors Finish, Add	*1,309.47*	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,904.47	125.78
		For Flange Frame, Add	*265.29*	
		For Clear Lacquer Finish, Add	*530.58*	
		For Baked Enamel Standard Colors, Add	*795.88*	
		For Anodized Finish, Add	*1,061.17*	
		For Kynar® Standard Colors Finish, Add	*1,459.11*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,128.10	133.48
		For Flange Frame, Add	*286.12*	
		For Clear Lacquer Finish, Add	*572.23*	
		For Baked Enamel Standard Colors, Add	*858.35*	
		For Anodized Finish, Add	*1,144.46*	
		For Kynar® Standard Colors Finish, Add	*1,573.63*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,347.81	141.18
		For Flange Frame, Add	*306.55*	
		For Clear Lacquer Finish, Add	*613.09*	
		For Baked Enamel Standard Colors, Add	*919.64*	
		For Anodized Finish, Add	*1,226.18*	
		For Kynar® Standard Colors Finish, Add	*1,686.00*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,559.42	146.31
		For Flange Frame, Add	*326.68*	
		For Clear Lacquer Finish, Add	*653.36*	
		For Baked Enamel Standard Colors, Add	*980.04*	
		For Anodized Finish, Add	*1,306.72*	
		For Kynar® Standard Colors Finish, Add	*1,796.74*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,845.69	151.45
		For Flange Frame, Add	*354.28*	
		For Clear Lacquer Finish, Add	*708.56*	
		For Baked Enamel Standard Colors, Add	*1,062.84*	
		For Anodized Finish, Add	*1,417.12*	
		For Kynar® Standard Colors Finish, Add	*1,948.54*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,075.97	156.58
		For Flange Frame, Add	*376.28*	
		For Clear Lacquer Finish, Add	*752.56*	
		For Baked Enamel Standard Colors, Add	*1,128.84*	
		For Anodized Finish, Add	*1,505.12*	
		For Kynar® Standard Colors Finish, Add	*2,069.55*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,374.02	161.71
		For Flange Frame, Add	*405.06*	
		For Clear Lacquer Finish, Add	*810.12*	
		For Baked Enamel Standard Colors, Add	*1,215.18*	
		For Anodized Finish, Add	*1,620.24*	
		For Kynar® Standard Colors Finish, Add	*2,227.82*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,592.51	166.85
		For Flange Frame, Add	*425.88*	
		For Clear Lacquer Finish, Add	*851.76*	
		For Baked Enamel Standard Colors, Add	*1,277.65*	
		For Anodized Finish, Add	*1,703.53*	
		For Kynar® Standard Colors Finish, Add	*2,342.35*	

08 91 16 00-0137 Adjustable Intake Wall Louvers Operators *(08 91 16)*

08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	263.50	25.67
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	588.25	10.27

08 91 19 Fixed Louvers *(08 91)*

08 91 19 00-0001 Fixed Intake Wall Louvers *(08 91 19)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	342.83	23.10
		For Flange Frame, Add	*29.66*	
		For Clear Lacquer Finish, Add	*59.32*	
		For Baked Enamel Standard Colors, Add	*88.99*	
		For Anodized Finish, Add	*118.65*	
		For Kynar® Standard Colors Finish, Add	*163.14*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	407.13	28.24
		For Flange Frame, Add	*35.07*	
		For Clear Lacquer Finish, Add	*70.13*	
		For Baked Enamel Standard Colors, Add	*105.20*	
		For Anodized Finish, Add	*140.26*	
		For Kynar® Standard Colors Finish, Add	*192.86*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	472.38	33.37
		For Flange Frame, Add	*40.57*	
		For Clear Lacquer Finish, Add	*81.13*	
		For Baked Enamel Standard Colors, Add	*121.70*	
		For Anodized Finish, Add	*162.26*	
		For Kynar® Standard Colors Finish, Add	*223.11*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	554.35	38.51
		For Flange Frame, Add	*47.74*	
		For Clear Lacquer Finish, Add	*95.47*	
		For Baked Enamel Standard Colors, Add	*143.21*	
		For Anodized Finish, Add	*190.94*	
		For Kynar® Standard Colors Finish, Add	*262.54*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	623.55	43.64
		For Flange Frame, Add	*53.63*	
		For Clear Lacquer Finish, Add	*107.26*	
		For Baked Enamel Standard Colors, Add	*160.88*	
		For Anodized Finish, Add	*214.51*	
		For Kynar® Standard Colors Finish, Add	*294.95*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	735.97	48.77
		For Flange Frame, Add	*63.84*	
		For Clear Lacquer Finish, Add	*127.69*	
		For Baked Enamel Standard Colors, Add	*191.53*	
		For Anodized Finish, Add	*255.37*	
		For Kynar® Standard Colors Finish, Add	*351.14*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	797.31	53.91
		For Flange Frame, Add	*68.95*	
		For Clear Lacquer Finish, Add	*137.90*	
		For Baked Enamel Standard Colors, Add	*206.85*	
		For Anodized Finish, Add	*275.80*	
		For Kynar® Standard Colors Finish, Add	*379.23*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	891.29	61.61
		For Flange Frame, Add	*76.81*	
		For Clear Lacquer Finish, Add	*153.62*	
		For Baked Enamel Standard Colors, Add	*230.42*	
		For Anodized Finish, Add	*307.23*	
		For Kynar® Standard Colors Finish, Add	*422.44*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	947.72	66.73
		For Flange Frame, Add	*81.42*	
		For Clear Lacquer Finish, Add	*162.85*	
		For Baked Enamel Standard Colors, Add	*244.27*	
		For Anodized Finish, Add	*325.70*	
		For Kynar® Standard Colors Finish, Add	*447.83*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,024.77	71.87
		For Flange Frame, Add	*88.10*	
		For Clear Lacquer Finish, Add	*176.21*	
		For Baked Enamel Standard Colors, Add	*264.31*	
		For Anodized Finish, Add	*352.41*	
		For Kynar® Standard Colors Finish, Add	*484.57*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,092.01	77.00
		For Flange Frame, Add	*93.80*	
		For Clear Lacquer Finish, Add	*187.60*	
		For Baked Enamel Standard Colors, Add	*281.40*	
		For Anodized Finish, Add	*375.20*	
		For Kynar® Standard Colors Finish, Add	*515.90*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,172.02	82.14
		For Flange Frame, Add	*100.77*	
		For Clear Lacquer Finish, Add	*201.55*	
		For Baked Enamel Standard Colors, Add	*302.32*	
		For Anodized Finish, Add	*403.10*	
		For Kynar® Standard Colors Finish, Add	*554.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,247.11	87.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*107.26*	
		For Clear Lacquer Finish, Add	*214.51*	
		For Baked Enamel Standard Colors, Add	*321.77*	
		For Anodized Finish, Add	*429.02*	
		For Kynar® Standard Colors Finish, Add	*589.91*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,313.59	94.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*112.36*	
		For Clear Lacquer Finish, Add	*224.73*	
		For Baked Enamel Standard Colors, Add	*337.09*	
		For Anodized Finish, Add	*449.46*	
		For Kynar® Standard Colors Finish, Add	*618.00*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,402.64	102.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*119.73*	
		For Clear Lacquer Finish, Add	*239.46*	
		For Baked Enamel Standard Colors, Add	*359.19*	
		For Anodized Finish, Add	*478.92*	
		For Kynar® Standard Colors Finish, Add	*658.52*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	398.29	28.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*34.18*	
		For Clear Lacquer Finish, Add	*68.36*	
		For Baked Enamel Standard Colors, Add	*102.54*	
		For Anodized Finish, Add	*136.72*	
		For Kynar® Standard Colors Finish, Add	*188.00*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	477.52	35.94
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*40.57*	
		For Clear Lacquer Finish, Add	*81.13*	
		For Baked Enamel Standard Colors, Add	*121.70*	
		For Anodized Finish, Add	*162.26*	
		For Kynar® Standard Colors Finish, Add	*223.11*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	553.60	41.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*47.15*	
		For Clear Lacquer Finish, Add	*94.29*	
		For Baked Enamel Standard Colors, Add	*141.44*	
		For Anodized Finish, Add	*188.58*	
		For Kynar® Standard Colors Finish, Add	*259.30*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	693.95	51.34
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*59.13*	
		For Clear Lacquer Finish, Add	*118.26*	
		For Baked Enamel Standard Colors, Add	*177.38*	
		For Anodized Finish, Add	*236.51*	
		For Kynar® Standard Colors Finish, Add	*325.20*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	796.55	56.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.36*	
		For Clear Lacquer Finish, Add	*136.72*	
		For Baked Enamel Standard Colors, Add	*205.08*	
		For Anodized Finish, Add	*273.44*	
		For Kynar® Standard Colors Finish, Add	*375.99*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	887.36	61.61
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.42*	
		For Clear Lacquer Finish, Add	*152.83*	
		For Baked Enamel Standard Colors, Add	*229.25*	
		For Anodized Finish, Add	*305.66*	
		For Kynar® Standard Colors Finish, Add	*420.28*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	951.65	66.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.82*	
		For Clear Lacquer Finish, Add	*163.63*	
		For Baked Enamel Standard Colors, Add	*245.45*	
		For Anodized Finish, Add	*327.27*	
		For Kynar® Standard Colors Finish, Add	*449.99*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,059.38	74.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.05*	
		For Clear Lacquer Finish, Add	*182.10*	
		For Baked Enamel Standard Colors, Add	*273.15*	
		For Anodized Finish, Add	*364.20*	
		For Kynar® Standard Colors Finish, Add	*500.78*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,134.69	82.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*97.04*	
		For Clear Lacquer Finish, Add	*194.08*	
		For Baked Enamel Standard Colors, Add	*291.12*	
		For Anodized Finish, Add	*388.16*	
		For Kynar® Standard Colors Finish, Add	*533.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,233.36	87.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*105.88*	
		For Clear Lacquer Finish, Add	*211.76*	
		For Baked Enamel Standard Colors, Add	*317.64*	
		For Anodized Finish, Add	*423.52*	
		For Kynar® Standard Colors Finish, Add	*582.35*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,308.46	92.40
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*112.36*	
		For Clear Lacquer Finish, Add	*224.73*	
		For Baked Enamel Standard Colors, Add	*337.09*	
		For Anodized Finish, Add	*449.46*	
		For Kynar® Standard Colors Finish, Add	*618.00*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,392.39	97.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*119.73*	
		For Clear Lacquer Finish, Add	*239.46*	
		For Baked Enamel Standard Colors, Add	*359.19*	
		For Anodized Finish, Add	*478.92*	
		For Kynar® Standard Colors Finish, Add	*658.52*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,480.24	102.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*127.49*	
		For Clear Lacquer Finish, Add	*254.98*	
		For Baked Enamel Standard Colors, Add	*382.47*	
		For Anodized Finish, Add	*509.96*	
		For Kynar® Standard Colors Finish, Add	*701.20*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,557.52	110.37
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*133.68*	
		For Clear Lacquer Finish, Add	*267.35*	
		For Baked Enamel Standard Colors, Add	*401.03*	
		For Anodized Finish, Add	*534.71*	
		For Kynar® Standard Colors Finish, Add	*735.22*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,665.25	118.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*142.91*	
		For Clear Lacquer Finish, Add	*285.82*	
		For Baked Enamel Standard Colors, Add	*428.73*	
		For Anodized Finish, Add	*571.64*	
		For Kynar® Standard Colors Finish, Add	*786.01*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	460.59	33.37
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*39.39*	
		For Clear Lacquer Finish, Add	*78.77*	
		For Baked Enamel Standard Colors, Add	*118.16*	
		For Anodized Finish, Add	*157.54*	
		For Kynar® Standard Colors Finish, Add	*216.62*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	548.68	41.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.65*	
		For Clear Lacquer Finish, Add	*93.31*	
		For Baked Enamel Standard Colors, Add	*139.96*	
		For Anodized Finish, Add	*186.62*	
		For Kynar® Standard Colors Finish, Add	*256.60*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	679.98	48.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*58.24*	
		For Clear Lacquer Finish, Add	*116.49*	
		For Baked Enamel Standard Colors, Add	*174.73*	
		For Anodized Finish, Add	*232.98*	
		For Kynar® Standard Colors Finish, Add	*320.34*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	801.68	59.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.36*	
		For Clear Lacquer Finish, Add	*136.72*	
		For Baked Enamel Standard Colors, Add	*205.08*	
		For Anodized Finish, Add	*273.44*	
		For Kynar® Standard Colors Finish, Add	*375.99*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	918.03	64.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.97*	
		For Clear Lacquer Finish, Add	*157.94*	
		For Baked Enamel Standard Colors, Add	*236.91*	
		For Anodized Finish, Add	*315.88*	
		For Kynar® Standard Colors Finish, Add	*434.33*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,025.54	69.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.69*	
		For Clear Lacquer Finish, Add	*177.39*	
		For Baked Enamel Standard Colors, Add	*266.08*	
		For Anodized Finish, Add	*354.77*	
		For Kynar® Standard Colors Finish, Add	*487.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,114.60	77.00
		For Flange Frame, Add	*96.06*	
		For Clear Lacquer Finish, Add	*192.12*	
		For Baked Enamel Standard Colors, Add	*288.18*	
		For Anodized Finish, Add	*384.24*	
		For Kynar® Standard Colors Finish, Add	*528.32*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,233.36	87.27
		For Flange Frame, Add	*105.88*	
		For Clear Lacquer Finish, Add	*211.76*	
		For Baked Enamel Standard Colors, Add	*317.64*	
		For Anodized Finish, Add	*423.52*	
		For Kynar® Standard Colors Finish, Add	*582.35*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,312.39	92.40
		For Flange Frame, Add	*112.76*	
		For Clear Lacquer Finish, Add	*225.51*	
		For Baked Enamel Standard Colors, Add	*338.27*	
		For Anodized Finish, Add	*451.03*	
		For Kynar® Standard Colors Finish, Add	*620.16*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,441.93	102.67
		For Flange Frame, Add	*123.66*	
		For Clear Lacquer Finish, Add	*247.32*	
		For Baked Enamel Standard Colors, Add	*370.98*	
		For Anodized Finish, Add	*494.64*	
		For Kynar® Standard Colors Finish, Add	*680.12*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,523.90	107.81
		For Flange Frame, Add	*130.83*	
		For Clear Lacquer Finish, Add	*261.66*	
		For Baked Enamel Standard Colors, Add	*392.49*	
		For Anodized Finish, Add	*523.32*	
		For Kynar® Standard Colors Finish, Add	*719.56*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,630.43	112.94
		For Flange Frame, Add	*140.46*	
		For Clear Lacquer Finish, Add	*280.91*	
		For Baked Enamel Standard Colors, Add	*421.37*	
		For Anodized Finish, Add	*561.82*	
		For Kynar® Standard Colors Finish, Add	*772.50*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,734.99	118.07
		For Flange Frame, Add	*149.88*	
		For Clear Lacquer Finish, Add	*299.77*	
		For Baked Enamel Standard Colors, Add	*449.65*	
		For Anodized Finish, Add	*599.54*	
		For Kynar® Standard Colors Finish, Add	*824.36*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,814.23	125.78
		For Flange Frame, Add	*156.27*	
		For Clear Lacquer Finish, Add	*312.54*	
		For Baked Enamel Standard Colors, Add	*468.80*	
		For Anodized Finish, Add	*625.07*	
		For Kynar® Standard Colors Finish, Add	*859.47*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,945.53	133.48
		For Flange Frame, Add	*167.86*	
		For Clear Lacquer Finish, Add	*335.72*	
		For Baked Enamel Standard Colors, Add	*503.57*	
		For Anodized Finish, Add	*671.43*	
		For Kynar® Standard Colors Finish, Add	*923.22*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	516.04	38.51
		For Flange Frame, Add	*43.90*	
		For Clear Lacquer Finish, Add	*87.81*	
		For Baked Enamel Standard Colors, Add	*131.71*	
		For Anodized Finish, Add	*175.62*	
		For Kynar® Standard Colors Finish, Add	*241.47*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	667.43	51.34
		For Flange Frame, Add	*56.48*	
		For Clear Lacquer Finish, Add	*112.95*	
		For Baked Enamel Standard Colors, Add	*169.43*	
		For Anodized Finish, Add	*225.90*	
		For Kynar® Standard Colors Finish, Add	*310.62*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	779.09	59.04
		For Flange Frame, Add	*66.10*	
		For Clear Lacquer Finish, Add	*132.20*	
		For Baked Enamel Standard Colors, Add	*198.31*	
		For Anodized Finish, Add	*264.41*	
		For Kynar® Standard Colors Finish, Add	*363.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	909.42	66.73
		For Flange Frame, Add	*77.59*	
		For Clear Lacquer Finish, Add	*155.19*	
		For Baked Enamel Standard Colors, Add	*232.78*	
		For Anodized Finish, Add	*310.38*	
		For Kynar® Standard Colors Finish, Add	*426.77*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,049.33	71.87
		For Flange Frame, Add	*90.56*	
		For Clear Lacquer Finish, Add	*181.12*	
		For Baked Enamel Standard Colors, Add	*271.68*	
		For Anodized Finish, Add	*362.24*	
		For Kynar® Standard Colors Finish, Add	*498.07*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,166.89	79.57
		For Flange Frame, Add	*100.77*	
		For Clear Lacquer Finish, Add	*201.55*	
		For Baked Enamel Standard Colors, Add	*302.32*	
		For Anodized Finish, Add	*403.10*	
		For Kynar® Standard Colors Finish, Add	*554.26*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,254.74	84.70
		For Flange Frame, Add	*108.53*	
		For Clear Lacquer Finish, Add	*217.07*	
		For Baked Enamel Standard Colors, Add	*325.60*	
		For Anodized Finish, Add	*434.13*	
		For Kynar® Standard Colors Finish, Add	*596.93*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,378.19	92.40
		For Flange Frame, Add	*119.34*	
		For Clear Lacquer Finish, Add	*238.67*	
		For Baked Enamel Standard Colors, Add	*358.01*	
		For Anodized Finish, Add	*477.35*	
		For Kynar® Standard Colors Finish, Add	*656.35*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,476.86	97.54
		For Flange Frame, Add	*128.18*	
		For Clear Lacquer Finish, Add	*256.35*	
		For Baked Enamel Standard Colors, Add	*384.53*	
		For Anodized Finish, Add	*512.71*	
		For Kynar® Standard Colors Finish, Add	*704.97*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,627.03	107.81
		For Flange Frame, Add	*141.14*	
		For Clear Lacquer Finish, Add	*282.28*	
		For Baked Enamel Standard Colors, Add	*423.43*	
		For Anodized Finish, Add	*564.57*	
		For Kynar® Standard Colors Finish, Add	*776.28*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,722.97	115.51
		For Flange Frame, Add	*149.20*	
		For Clear Lacquer Finish, Add	*298.39*	
		For Baked Enamel Standard Colors, Add	*447.59*	
		For Anodized Finish, Add	*596.78*	
		For Kynar® Standard Colors Finish, Add	*820.58*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,836.37	120.64
		For Flange Frame, Add	*159.51*	
		For Clear Lacquer Finish, Add	*319.02*	
		For Baked Enamel Standard Colors, Add	*478.53*	
		For Anodized Finish, Add	*638.04*	
		For Kynar® Standard Colors Finish, Add	*877.30*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,948.79	125.78
		For Flange Frame, Add	*169.72*	
		For Clear Lacquer Finish, Add	*339.45*	
		For Baked Enamel Standard Colors, Add	*509.17*	
		For Anodized Finish, Add	*678.90*	
		For Kynar® Standard Colors Finish, Add	*933.48*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,042.77	133.48
		For Flange Frame, Add	*177.58*	
		For Clear Lacquer Finish, Add	*355.16*	
		For Baked Enamel Standard Colors, Add	*532.75*	
		For Anodized Finish, Add	*710.33*	
		For Kynar® Standard Colors Finish, Add	*976.70*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,191.76	141.18
		For Flange Frame, Add	*190.94*	
		For Clear Lacquer Finish, Add	*381.88*	
		For Baked Enamel Standard Colors, Add	*572.82*	
		For Anodized Finish, Add	*763.76*	
		For Kynar® Standard Colors Finish, Add	*1,050.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	572.48	43.64
		For Flange Frame, Add	*48.52*	
		For Clear Lacquer Finish, Add	*97.04*	
		For Baked Enamel Standard Colors, Add	*145.56*	
		For Anodized Finish, Add	*194.08*	
		For Kynar® Standard Colors Finish, Add	*266.87*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	751.37	56.48
		For Flange Frame, Add	*63.84*	
		For Clear Lacquer Finish, Add	*127.69*	
		For Baked Enamel Standard Colors, Add	*191.53*	
		For Anodized Finish, Add	*255.37*	
		For Kynar® Standard Colors Finish, Add	*351.14*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	868.92	64.18
		For Flange Frame, Add	*74.06*	
		For Clear Lacquer Finish, Add	*148.12*	
		For Baked Enamel Standard Colors, Add	*222.17*	
		For Anodized Finish, Add	*296.23*	
		For Kynar® Standard Colors Finish, Add	*407.32*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,009.06	71.87
		For Flange Frame, Add	*86.53*	
		For Clear Lacquer Finish, Add	*173.06*	
		For Baked Enamel Standard Colors, Add	*259.60*	
		For Anodized Finish, Add	*346.13*	
		For Kynar® Standard Colors Finish, Add	*475.93*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,166.74	78.03
		For Flange Frame, Add	*101.07*	
		For Clear Lacquer Finish, Add	*202.14*	
		For Baked Enamel Standard Colors, Add	*303.20*	
		For Anodized Finish, Add	*404.27*	
		For Kynar® Standard Colors Finish, Add	*555.87*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,289.12	84.70
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.91*	
		For Anodized Finish, Add	*447.88*	
		For Kynar® Standard Colors Finish, Add	*615.84*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,394.66	89.84
		For Flange Frame, Add	*121.50*	
		For Clear Lacquer Finish, Add	*243.00*	
		For Baked Enamel Standard Colors, Add	*364.49*	
		For Anodized Finish, Add	*485.99*	
		For Kynar® Standard Colors Finish, Add	*668.24*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,535.79	97.54
		For Flange Frame, Add	*134.07*	
		For Clear Lacquer Finish, Add	*268.14*	
		For Baked Enamel Standard Colors, Add	*402.21*	
		For Anodized Finish, Add	*536.28*	
		For Kynar® Standard Colors Finish, Add	*737.39*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,642.53	105.24
		For Flange Frame, Add	*143.21*	
		For Clear Lacquer Finish, Add	*286.41*	
		For Baked Enamel Standard Colors, Add	*429.62*	
		For Anodized Finish, Add	*572.82*	
		For Kynar® Standard Colors Finish, Add	*787.63*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,812.13	112.94
		For Flange Frame, Add	*158.63*	
		For Clear Lacquer Finish, Add	*317.25*	
		For Baked Enamel Standard Colors, Add	*475.88*	
		For Anodized Finish, Add	*634.50*	
		For Kynar® Standard Colors Finish, Add	*872.44*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,923.79	120.64
		For Flange Frame, Add	*168.25*	
		For Clear Lacquer Finish, Add	*336.50*	
		For Baked Enamel Standard Colors, Add	*504.75*	
		For Anodized Finish, Add	*673.00*	
		For Kynar® Standard Colors Finish, Add	*925.38*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,045.05	125.78
		For Flange Frame, Add	*179.35*	
		For Clear Lacquer Finish, Add	*358.70*	
		For Baked Enamel Standard Colors, Add	*538.05*	
		For Anodized Finish, Add	*717.40*	
		For Kynar® Standard Colors Finish, Add	*986.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,171.22	130.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*190.94*	
		For Clear Lacquer Finish, Add	*381.88*	
		For Baked Enamel Standard Colors, Add	*572.82*	
		For Anodized Finish, Add	*763.76*	
		For Kynar® Standard Colors Finish, Add	*1,050.17*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,278.94	138.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.17*	
		For Clear Lacquer Finish, Add	*400.34*	
		For Baked Enamel Standard Colors, Add	*600.52*	
		For Anodized Finish, Add	*800.69*	
		For Kynar® Standard Colors Finish, Add	*1,100.95*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,447.57	146.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.50*	
		For Clear Lacquer Finish, Add	*430.99*	
		For Baked Enamel Standard Colors, Add	*646.49*	
		For Anodized Finish, Add	*861.98*	
		For Kynar® Standard Colors Finish, Add	*1,185.22*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	666.23	48.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*56.87*	
		For Clear Lacquer Finish, Add	*113.74*	
		For Baked Enamel Standard Colors, Add	*170.61*	
		For Anodized Finish, Add	*227.48*	
		For Kynar® Standard Colors Finish, Add	*312.78*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	816.64	61.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*69.34*	
		For Clear Lacquer Finish, Add	*138.69*	
		For Baked Enamel Standard Colors, Add	*208.03*	
		For Anodized Finish, Add	*277.37*	
		For Kynar® Standard Colors Finish, Add	*381.39*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	946.96	69.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*80.84*	
		For Clear Lacquer Finish, Add	*161.67*	
		For Baked Enamel Standard Colors, Add	*242.51*	
		For Anodized Finish, Add	*323.34*	
		For Kynar® Standard Colors Finish, Add	*444.59*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,107.96	79.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*94.88*	
		For Clear Lacquer Finish, Add	*189.76*	
		For Baked Enamel Standard Colors, Add	*284.64*	
		For Anodized Finish, Add	*379.52*	
		For Kynar® Standard Colors Finish, Add	*521.85*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,279.30	84.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.99*	
		For Clear Lacquer Finish, Add	*221.98*	
		For Baked Enamel Standard Colors, Add	*332.97*	
		For Anodized Finish, Add	*443.96*	
		For Kynar® Standard Colors Finish, Add	*610.44*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,416.27	89.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.66*	
		For Clear Lacquer Finish, Add	*247.32*	
		For Baked Enamel Standard Colors, Add	*370.98*	
		For Anodized Finish, Add	*494.64*	
		For Kynar® Standard Colors Finish, Add	*680.12*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,534.58	94.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.46*	
		For Clear Lacquer Finish, Add	*268.93*	
		For Baked Enamel Standard Colors, Add	*403.39*	
		For Anodized Finish, Add	*537.85*	
		For Kynar® Standard Colors Finish, Add	*739.55*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,675.69	102.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*147.04*	
		For Clear Lacquer Finish, Add	*294.07*	
		For Baked Enamel Standard Colors, Add	*441.11*	
		For Anodized Finish, Add	*588.14*	
		For Kynar® Standard Colors Finish, Add	*808.69*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,796.20	110.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.55*	
		For Clear Lacquer Finish, Add	*315.09*	
		For Baked Enamel Standard Colors, Add	*472.64*	
		For Anodized Finish, Add	*630.18*	
		For Kynar® Standard Colors Finish, Add	*866.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,984.47	118.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*174.83*	
		For Clear Lacquer Finish, Add	*349.66*	
		For Baked Enamel Standard Colors, Add	*524.50*	
		For Anodized Finish, Add	*699.33*	
		For Kynar® Standard Colors Finish, Add	*961.58*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,104.96	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.34*	
		For Clear Lacquer Finish, Add	*370.68*	
		For Baked Enamel Standard Colors, Add	*556.02*	
		For Anodized Finish, Add	*741.36*	
		For Kynar® Standard Colors Finish, Add	*1,019.38*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,241.94	130.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*198.01*	
		For Clear Lacquer Finish, Add	*396.02*	
		For Baked Enamel Standard Colors, Add	*594.04*	
		For Anodized Finish, Add	*792.05*	
		For Kynar® Standard Colors Finish, Add	*1,089.07*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,379.89	136.04
		Note: Includes bird screen.		
		For Flange Frame, Add	*210.78*	
		For Clear Lacquer Finish, Add	*421.56*	
		For Baked Enamel Standard Colors, Add	*632.34*	
		For Anodized Finish, Add	*843.12*	
		For Kynar® Standard Colors Finish, Add	*1,159.29*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,507.26	143.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.98*	
		For Clear Lacquer Finish, Add	*443.95*	
		For Baked Enamel Standard Colors, Add	*665.93*	
		For Anodized Finish, Add	*887.91*	
		For Kynar® Standard Colors Finish, Add	*1,220.87*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,688.65	151.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*238.58*	
		For Clear Lacquer Finish, Add	*477.15*	
		For Baked Enamel Standard Colors, Add	*715.73*	
		For Anodized Finish, Add	*954.30*	
		For Kynar® Standard Colors Finish, Add	*1,312.17*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	728.56	53.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*62.08*	
		For Clear Lacquer Finish, Add	*124.15*	
		For Baked Enamel Standard Colors, Add	*186.23*	
		For Anodized Finish, Add	*248.30*	
		For Kynar® Standard Colors Finish, Add	*341.41*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	892.72	66.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*75.92*	
		For Clear Lacquer Finish, Add	*151.85*	
		For Baked Enamel Standard Colors, Add	*227.77*	
		For Anodized Finish, Add	*303.70*	
		For Kynar® Standard Colors Finish, Add	*417.58*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,045.85	77.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.18*	
		For Clear Lacquer Finish, Add	*178.37*	
		For Baked Enamel Standard Colors, Add	*267.55*	
		For Anodized Finish, Add	*356.74*	
		For Kynar® Standard Colors Finish, Add	*490.51*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,204.65	84.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*103.52*	
		For Clear Lacquer Finish, Add	*207.05*	
		For Baked Enamel Standard Colors, Add	*310.57*	
		For Anodized Finish, Add	*414.10*	
		For Kynar® Standard Colors Finish, Add	*569.38*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,400.55	89.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.09*	
		For Clear Lacquer Finish, Add	*244.17*	
		For Baked Enamel Standard Colors, Add	*366.26*	
		For Anodized Finish, Add	*488.35*	
		For Kynar® Standard Colors Finish, Add	*671.48*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,559.14	94.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.92*	
		For Clear Lacquer Finish, Add	*273.84*	
		For Baked Enamel Standard Colors, Add	*410.76*	
		For Anodized Finish, Add	*547.68*	
		For Kynar® Standard Colors Finish, Add	*753.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,689.44	102.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*148.41*	
		For Clear Lacquer Finish, Add	*296.82*	
		For Baked Enamel Standard Colors, Add	*445.23*	
		For Anodized Finish, Add	*593.64*	
		For Kynar® Standard Colors Finish, Add	*816.26*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,895.40	110.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.47*	
		For Clear Lacquer Finish, Add	*334.93*	
		For Baked Enamel Standard Colors, Add	*502.40*	
		For Anodized Finish, Add	*669.86*	
		For Kynar® Standard Colors Finish, Add	*921.06*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,984.47	118.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*174.83*	
		For Clear Lacquer Finish, Add	*349.66*	
		For Baked Enamel Standard Colors, Add	*524.50*	
		For Anodized Finish, Add	*699.33*	
		For Kynar® Standard Colors Finish, Add	*961.58*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,185.50	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*193.40*	
		For Clear Lacquer Finish, Add	*386.79*	
		For Baked Enamel Standard Colors, Add	*580.19*	
		For Anodized Finish, Add	*773.58*	
		For Kynar® Standard Colors Finish, Add	*1,063.67*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,324.66	133.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*205.77*	
		For Clear Lacquer Finish, Add	*411.54*	
		For Baked Enamel Standard Colors, Add	*617.31*	
		For Anodized Finish, Add	*823.08*	
		For Kynar® Standard Colors Finish, Add	*1,131.74*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,477.35	138.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.01*	
		For Clear Lacquer Finish, Add	*440.03*	
		For Baked Enamel Standard Colors, Add	*660.04*	
		For Anodized Finish, Add	*880.05*	
		For Kynar® Standard Colors Finish, Add	*1,210.07*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,630.04	143.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*234.26*	
		For Clear Lacquer Finish, Add	*468.51*	
		For Baked Enamel Standard Colors, Add	*702.77*	
		For Anodized Finish, Add	*937.02*	
		For Kynar® Standard Colors Finish, Add	*1,288.40*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,757.19	148.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.94*	
		For Clear Lacquer Finish, Add	*491.89*	
		For Baked Enamel Standard Colors, Add	*737.83*	
		For Anodized Finish, Add	*983.77*	
		For Kynar® Standard Colors Finish, Add	*1,352.69*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,966.08	156.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*265.29*	
		For Clear Lacquer Finish, Add	*530.58*	
		For Baked Enamel Standard Colors, Add	*795.88*	
		For Anodized Finish, Add	*1,061.17*	
		For Kynar® Standard Colors Finish, Add	*1,459.11*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	806.82	61.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*68.36*	
		For Clear Lacquer Finish, Add	*136.72*	
		For Baked Enamel Standard Colors, Add	*205.08*	
		For Anodized Finish, Add	*273.44*	
		For Kynar® Standard Colors Finish, Add	*375.99*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	990.63	74.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*84.18*	
		For Clear Lacquer Finish, Add	*168.35*	
		For Baked Enamel Standard Colors, Add	*252.53*	
		For Anodized Finish, Add	*336.70*	
		For Kynar® Standard Colors Finish, Add	*462.96*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,159.70	87.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.52*	
		For Clear Lacquer Finish, Add	*197.03*	
		For Baked Enamel Standard Colors, Add	*295.55*	
		For Anodized Finish, Add	*394.06*	
		For Kynar® Standard Colors Finish, Add	*541.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,330.07	92.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*114.53*	
		For Clear Lacquer Finish, Add	*229.05*	
		For Baked Enamel Standard Colors, Add	*343.58*	
		For Anodized Finish, Add	*458.10*	
		For Kynar® Standard Colors Finish, Add	*629.89*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,564.28	97.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.92*	
		For Clear Lacquer Finish, Add	*273.84*	
		For Baked Enamel Standard Colors, Add	*410.76*	
		For Anodized Finish, Add	*547.68*	
		For Kynar® Standard Colors Finish, Add	*753.05*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,726.77	102.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*152.14*	
		For Clear Lacquer Finish, Add	*304.29*	
		For Baked Enamel Standard Colors, Add	*456.43*	
		For Anodized Finish, Add	*608.57*	
		For Kynar® Standard Colors Finish, Add	*836.79*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,879.69	110.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.89*	
		For Clear Lacquer Finish, Add	*331.79*	
		For Baked Enamel Standard Colors, Add	*497.68*	
		For Anodized Finish, Add	*663.58*	
		For Kynar® Standard Colors Finish, Add	*912.42*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,104.29	118.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*186.81*	
		For Clear Lacquer Finish, Add	*373.63*	
		For Baked Enamel Standard Colors, Add	*560.44*	
		For Anodized Finish, Add	*747.26*	
		For Kynar® Standard Colors Finish, Add	*1,027.48*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,262.11	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.06*	
		For Clear Lacquer Finish, Add	*402.11*	
		For Baked Enamel Standard Colors, Add	*603.17*	
		For Anodized Finish, Add	*804.22*	
		For Kynar® Standard Colors Finish, Add	*1,105.81*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,497.53	133.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.06*	
		For Clear Lacquer Finish, Add	*446.12*	
		For Baked Enamel Standard Colors, Add	*669.17*	
		For Anodized Finish, Add	*892.23*	
		For Kynar® Standard Colors Finish, Add	*1,226.82*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,649.23	138.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.20*	
		For Clear Lacquer Finish, Add	*474.40*	
		For Baked Enamel Standard Colors, Add	*711.60*	
		For Anodized Finish, Add	*948.80*	
		For Kynar® Standard Colors Finish, Add	*1,304.61*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,822.55	143.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.51*	
		For Clear Lacquer Finish, Add	*507.01*	
		For Baked Enamel Standard Colors, Add	*760.52*	
		For Anodized Finish, Add	*1,014.02*	
		For Kynar® Standard Colors Finish, Add	*1,394.28*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,988.99	148.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*269.12*	
		For Clear Lacquer Finish, Add	*538.25*	
		For Baked Enamel Standard Colors, Add	*807.37*	
		For Anodized Finish, Add	*1,076.49*	
		For Kynar® Standard Colors Finish, Add	*1,480.18*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,126.94	154.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*281.89*	
		For Clear Lacquer Finish, Add	*563.78*	
		For Baked Enamel Standard Colors, Add	*845.67*	
		For Anodized Finish, Add	*1,127.56*	
		For Kynar® Standard Colors Finish, Add	*1,550.40*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,370.21	161.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*304.68*	
		For Clear Lacquer Finish, Add	*609.36*	
		For Baked Enamel Standard Colors, Add	*914.03*	
		For Anodized Finish, Add	*1,218.71*	
		For Kynar® Standard Colors Finish, Add	*1,675.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	867.18	66.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*73.37*	
		For Clear Lacquer Finish, Add	*146.74*	
		For Baked Enamel Standard Colors, Add	*220.11*	
		For Anodized Finish, Add	*293.48*	
		For Kynar® Standard Colors Finish, Add	*403.54*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,069.87	82.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*90.56*	
		For Clear Lacquer Finish, Add	*181.12*	
		For Baked Enamel Standard Colors, Add	*271.68*	
		For Anodized Finish, Add	*362.24*	
		For Kynar® Standard Colors Finish, Add	*498.07*	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,243.63	92.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*105.88*	
		For Clear Lacquer Finish, Add	*211.76*	
		For Baked Enamel Standard Colors, Add	*317.64*	
		For Anodized Finish, Add	*423.52*	
		For Kynar® Standard Colors Finish, Add	*582.35*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,440.52	97.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*124.54*	
		For Clear Lacquer Finish, Add	*249.09*	
		For Baked Enamel Standard Colors, Add	*373.63*	
		For Anodized Finish, Add	*498.17*	
		For Kynar® Standard Colors Finish, Add	*684.99*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,684.76	105.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*147.43*	
		For Clear Lacquer Finish, Add	*294.86*	
		For Baked Enamel Standard Colors, Add	*442.28*	
		For Anodized Finish, Add	*589.71*	
		For Kynar® Standard Colors Finish, Add	*810.85*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,866.92	110.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*164.62*	
		For Clear Lacquer Finish, Add	*329.23*	
		For Baked Enamel Standard Colors, Add	*493.85*	
		For Anodized Finish, Add	*658.47*	
		For Kynar® Standard Colors Finish, Add	*905.39*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,026.70	118.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*179.06*	
		For Clear Lacquer Finish, Add	*358.11*	
		For Baked Enamel Standard Colors, Add	*537.17*	
		For Anodized Finish, Add	*716.22*	
		For Kynar® Standard Colors Finish, Add	*984.80*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,267.02	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.55*	
		For Clear Lacquer Finish, Add	*403.09*	
		For Baked Enamel Standard Colors, Add	*604.64*	
		For Anodized Finish, Add	*806.19*	
		For Kynar® Standard Colors Finish, Add	*1,108.51*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,436.63	133.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*216.97*	
		For Clear Lacquer Finish, Add	*433.94*	
		For Baked Enamel Standard Colors, Add	*650.90*	
		For Anodized Finish, Add	*867.87*	
		For Kynar® Standard Colors Finish, Add	*1,193.32*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,691.70	141.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.93*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.80*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,853.22	146.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.06*	
		For Clear Lacquer Finish, Add	*512.12*	
		For Baked Enamel Standard Colors, Add	*768.18*	
		For Anodized Finish, Add	*1,024.24*	
		For Kynar® Standard Colors Finish, Add	*1,408.33*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,037.33	151.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.44*	
		For Clear Lacquer Finish, Add	*546.89*	
		For Baked Enamel Standard Colors, Add	*820.33*	
		For Anodized Finish, Add	*1,093.78*	
		For Kynar® Standard Colors Finish, Add	*1,503.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,217.53	156.58
		For Flange Frame, Add	*290.44*	
		For Clear Lacquer Finish, Add	*580.87*	
		For Baked Enamel Standard Colors, Add	*871.31*	
		For Anodized Finish, Add	*1,161.75*	
		For Kynar® Standard Colors Finish, Add	*1,597.40*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,370.21	161.71
		For Flange Frame, Add	*304.68*	
		For Clear Lacquer Finish, Add	*609.36*	
		For Baked Enamel Standard Colors, Add	*914.03*	
		For Anodized Finish, Add	*1,218.71*	
		For Kynar® Standard Colors Finish, Add	*1,675.73*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,625.04	166.85
		For Flange Frame, Add	*329.14*	
		For Clear Lacquer Finish, Add	*658.27*	
		For Baked Enamel Standard Colors, Add	*987.41*	
		For Anodized Finish, Add	*1,316.54*	
		For Kynar® Standard Colors Finish, Add	*1,810.24*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,000.22	71.87
		For Flange Frame, Add	*85.65*	
		For Clear Lacquer Finish, Add	*171.30*	
		For Baked Enamel Standard Colors, Add	*256.94*	
		For Anodized Finish, Add	*342.59*	
		For Kynar® Standard Colors Finish, Add	*471.06*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,237.29	87.27
		For Flange Frame, Add	*106.27*	
		For Clear Lacquer Finish, Add	*212.55*	
		For Baked Enamel Standard Colors, Add	*318.82*	
		For Anodized Finish, Add	*425.10*	
		For Kynar® Standard Colors Finish, Add	*584.51*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,441.93	102.67
		For Flange Frame, Add	*123.66*	
		For Clear Lacquer Finish, Add	*247.32*	
		For Baked Enamel Standard Colors, Add	*370.98*	
		For Anodized Finish, Add	*494.64*	
		For Kynar® Standard Colors Finish, Add	*680.12*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,656.50	107.81
		For Flange Frame, Add	*144.09*	
		For Clear Lacquer Finish, Add	*288.18*	
		For Baked Enamel Standard Colors, Add	*432.27*	
		For Anodized Finish, Add	*576.36*	
		For Kynar® Standard Colors Finish, Add	*792.49*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,941.78	112.94
		For Flange Frame, Add	*171.59*	
		For Clear Lacquer Finish, Add	*343.18*	
		For Baked Enamel Standard Colors, Add	*514.77*	
		For Anodized Finish, Add	*686.36*	
		For Kynar® Standard Colors Finish, Add	*943.75*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,140.64	118.07
		For Flange Frame, Add	*190.45*	
		For Clear Lacquer Finish, Add	*380.90*	
		For Baked Enamel Standard Colors, Add	*571.35*	
		For Anodized Finish, Add	*761.80*	
		For Kynar® Standard Colors Finish, Add	*1,047.47*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,331.85	125.78
		For Flange Frame, Add	*208.03*	
		For Clear Lacquer Finish, Add	*416.06*	
		For Baked Enamel Standard Colors, Add	*624.09*	
		For Anodized Finish, Add	*832.12*	
		For Kynar® Standard Colors Finish, Add	*1,144.17*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,556.46	133.48
		For Flange Frame, Add	*228.95*	
		For Clear Lacquer Finish, Add	*457.90*	
		For Baked Enamel Standard Colors, Add	*686.85*	
		For Anodized Finish, Add	*915.80*	
		For Kynar® Standard Colors Finish, Add	*1,259.23*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,746.70	141.18
		For Flange Frame, Add	*246.43*	
		For Clear Lacquer Finish, Add	*492.87*	
		For Baked Enamel Standard Colors, Add	*739.30*	
		For Anodized Finish, Add	*985.74*	
		For Kynar® Standard Colors Finish, Add	*1,355.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,039.30	151.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.64*	
		For Clear Lacquer Finish, Add	*547.28*	
		For Baked Enamel Standard Colors, Add	*820.92*	
		For Anodized Finish, Add	*1,094.56*	
		For Kynar® Standard Colors Finish, Add	*1,505.03*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,222.66	159.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*290.44*	
		For Clear Lacquer Finish, Add	*580.87*	
		For Baked Enamel Standard Colors, Add	*871.31*	
		For Anodized Finish, Add	*1,161.75*	
		For Kynar® Standard Colors Finish, Add	*1,597.40*	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,417.57	164.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*308.90*	
		For Clear Lacquer Finish, Add	*617.80*	
		For Baked Enamel Standard Colors, Add	*926.71*	
		For Anodized Finish, Add	*1,235.61*	
		For Kynar® Standard Colors Finish, Add	*1,698.96*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,616.42	169.41
		Note: Includes bird screen.		
		For Flange Frame, Add	*327.76*	
		For Clear Lacquer Finish, Add	*655.52*	
		For Baked Enamel Standard Colors, Add	*983.28*	
		For Anodized Finish, Add	*1,311.04*	
		For Kynar® Standard Colors Finish, Add	*1,802.68*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,788.75	174.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*343.97*	
		For Clear Lacquer Finish, Add	*687.93*	
		For Baked Enamel Standard Colors, Add	*1,031.90*	
		For Anodized Finish, Add	*1,375.86*	
		For Kynar® Standard Colors Finish, Add	*1,891.81*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,073.06	179.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*371.37*	
		For Clear Lacquer Finish, Add	*742.74*	
		For Baked Enamel Standard Colors, Add	*1,114.11*	
		For Anodized Finish, Add	*1,485.48*	
		For Kynar® Standard Colors Finish, Add	*2,042.54*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,055.67	77.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*90.17*	
		For Clear Lacquer Finish, Add	*180.33*	
		For Baked Enamel Standard Colors, Add	*270.50*	
		For Anodized Finish, Add	*360.66*	
		For Kynar® Standard Colors Finish, Add	*495.91*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,304.53	92.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.91*	
		For Anodized Finish, Add	*447.88*	
		For Kynar® Standard Colors Finish, Add	*615.84*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,519.97	107.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*130.44*	
		For Clear Lacquer Finish, Add	*260.87*	
		For Baked Enamel Standard Colors, Add	*391.31*	
		For Anodized Finish, Add	*521.74*	
		For Kynar® Standard Colors Finish, Add	*717.40*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,752.44	115.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*152.14*	
		For Clear Lacquer Finish, Add	*304.29*	
		For Baked Enamel Standard Colors, Add	*456.43*	
		For Anodized Finish, Add	*608.57*	
		For Kynar® Standard Colors Finish, Add	*836.79*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,058.35	120.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*181.71*	
		For Clear Lacquer Finish, Add	*363.41*	
		For Baked Enamel Standard Colors, Add	*545.12*	
		For Anodized Finish, Add	*726.83*	
		For Kynar® Standard Colors Finish, Add	*999.39*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,268.01	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.65*	
		For Clear Lacquer Finish, Add	*403.29*	
		For Baked Enamel Standard Colors, Add	*604.94*	
		For Anodized Finish, Add	*806.58*	
		For Kynar® Standard Colors Finish, Add	*1,109.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,471.99	133.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.50*	
		For Clear Lacquer Finish, Add	*441.01*	
		For Baked Enamel Standard Colors, Add	*661.51*	
		For Anodized Finish, Add	*882.02*	
		For Kynar® Standard Colors Finish, Add	*1,212.77*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,704.24	138.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*242.70*	
		For Clear Lacquer Finish, Add	*485.40*	
		For Baked Enamel Standard Colors, Add	*728.11*	
		For Anodized Finish, Add	*970.81*	
		For Kynar® Standard Colors Finish, Add	*1,334.86*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,903.31	146.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*261.07*	
		For Clear Lacquer Finish, Add	*522.14*	
		For Baked Enamel Standard Colors, Add	*783.21*	
		For Anodized Finish, Add	*1,044.28*	
		For Kynar® Standard Colors Finish, Add	*1,435.88*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,222.66	159.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*290.44*	
		For Clear Lacquer Finish, Add	*580.87*	
		For Baked Enamel Standard Colors, Add	*871.31*	
		For Anodized Finish, Add	*1,161.75*	
		For Kynar® Standard Colors Finish, Add	*1,597.40*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,424.67	166.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*309.10*	
		For Clear Lacquer Finish, Add	*618.20*	
		For Baked Enamel Standard Colors, Add	*927.29*	
		For Anodized Finish, Add	*1,236.39*	
		For Kynar® Standard Colors Finish, Add	*1,700.04*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,625.48	171.98
		Note: Includes bird screen.		
		For Flange Frame, Add	*328.15*	
		For Clear Lacquer Finish, Add	*656.31*	
		For Baked Enamel Standard Colors, Add	*984.46*	
		For Anodized Finish, Add	*1,312.61*	
		For Kynar® Standard Colors Finish, Add	*1,804.84*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,829.24	177.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*347.50*	
		For Clear Lacquer Finish, Add	*695.00*	
		For Baked Enamel Standard Colors, Add	*1,042.51*	
		For Anodized Finish, Add	*1,390.01*	
		For Kynar® Standard Colors Finish, Add	*1,911.26*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,020.24	182.25
		Note: Includes bird screen.		
		For Flange Frame, Add	*365.58*	
		For Clear Lacquer Finish, Add	*731.15*	
		For Baked Enamel Standard Colors, Add	*1,096.73*	
		For Anodized Finish, Add	*1,462.30*	
		For Kynar® Standard Colors Finish, Add	*2,010.66*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,323.20	187.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*394.84*	
		For Clear Lacquer Finish, Add	*789.69*	
		For Baked Enamel Standard Colors, Add	*1,184.53*	
		For Anodized Finish, Add	*1,579.38*	
		For Kynar® Standard Colors Finish, Add	*2,171.64*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,122.91	82.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*95.86*	
		For Clear Lacquer Finish, Add	*191.73*	
		For Baked Enamel Standard Colors, Add	*287.59*	
		For Anodized Finish, Add	*383.45*	
		For Kynar® Standard Colors Finish, Add	*527.25*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,378.64	97.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*118.36*	
		For Clear Lacquer Finish, Add	*236.71*	
		For Baked Enamel Standard Colors, Add	*355.07*	
		For Anodized Finish, Add	*473.42*	
		For Kynar® Standard Colors Finish, Add	*650.95*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,599.00	112.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*137.31*	
		For Clear Lacquer Finish, Add	*274.62*	
		For Baked Enamel Standard Colors, Add	*411.94*	
		For Anodized Finish, Add	*549.25*	
		For Kynar® Standard Colors Finish, Add	*755.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,847.18	120.64
		For Flange Frame, Add	*160.59*	
		For Clear Lacquer Finish, Add	*321.18*	
		For Baked Enamel Standard Colors, Add	*481.77*	
		For Anodized Finish, Add	*642.36*	
		For Kynar® Standard Colors Finish, Add	*883.25*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,170.77	125.78
		For Flange Frame, Add	*191.92*	
		For Clear Lacquer Finish, Add	*383.84*	
		For Baked Enamel Standard Colors, Add	*575.77*	
		For Anodized Finish, Add	*767.69*	
		For Kynar® Standard Colors Finish, Add	*1,055.57*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,389.27	130.91
		For Flange Frame, Add	*212.75*	
		For Clear Lacquer Finish, Add	*425.49*	
		For Baked Enamel Standard Colors, Add	*638.24*	
		For Anodized Finish, Add	*850.98*	
		For Kynar® Standard Colors Finish, Add	*1,170.10*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,607.98	138.61
		For Flange Frame, Add	*233.08*	
		For Clear Lacquer Finish, Add	*466.15*	
		For Baked Enamel Standard Colors, Add	*699.23*	
		For Anodized Finish, Add	*932.30*	
		For Kynar® Standard Colors Finish, Add	*1,281.92*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,853.98	143.74
		For Flange Frame, Add	*256.65*	
		For Clear Lacquer Finish, Add	*513.30*	
		For Baked Enamel Standard Colors, Add	*769.95*	
		For Anodized Finish, Add	*1,026.60*	
		For Kynar® Standard Colors Finish, Add	*1,411.57*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,067.78	151.45
		For Flange Frame, Add	*276.49*	
		For Clear Lacquer Finish, Add	*552.98*	
		For Baked Enamel Standard Colors, Add	*829.47*	
		For Anodized Finish, Add	*1,105.96*	
		For Kynar® Standard Colors Finish, Add	*1,520.69*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,407.75	164.28
		For Flange Frame, Add	*307.92*	
		For Clear Lacquer Finish, Add	*615.84*	
		For Baked Enamel Standard Colors, Add	*923.76*	
		For Anodized Finish, Add	*1,231.68*	
		For Kynar® Standard Colors Finish, Add	*1,693.56*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,619.59	171.98
		For Flange Frame, Add	*327.56*	
		For Clear Lacquer Finish, Add	*655.13*	
		For Baked Enamel Standard Colors, Add	*982.69*	
		For Anodized Finish, Add	*1,310.26*	
		For Kynar® Standard Colors Finish, Add	*1,801.60*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,841.26	179.68
		For Flange Frame, Add	*348.19*	
		For Clear Lacquer Finish, Add	*696.38*	
		For Baked Enamel Standard Colors, Add	*1,044.57*	
		For Anodized Finish, Add	*1,392.76*	
		For Kynar® Standard Colors Finish, Add	*1,915.05*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,045.01	184.82
		For Flange Frame, Add	*367.54*	
		For Clear Lacquer Finish, Add	*735.08*	
		For Baked Enamel Standard Colors, Add	*1,102.62*	
		For Anodized Finish, Add	*1,470.16*	
		For Kynar® Standard Colors Finish, Add	*2,021.46*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,248.78	189.95
		For Flange Frame, Add	*386.89*	
		For Clear Lacquer Finish, Add	*773.78*	
		For Baked Enamel Standard Colors, Add	*1,160.67*	
		For Anodized Finish, Add	*1,547.56*	
		For Kynar® Standard Colors Finish, Add	*2,127.89*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,571.39	195.09
		For Flange Frame, Add	*418.12*	
		For Clear Lacquer Finish, Add	*836.25*	
		For Baked Enamel Standard Colors, Add	*1,254.37*	
		For Anodized Finish, Add	*1,672.49*	
		For Kynar® Standard Colors Finish, Add	*2,299.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,177.38	87.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*100.28*	
		For Clear Lacquer Finish, Add	*200.57*	
		For Baked Enamel Standard Colors, Add	*300.85*	
		For Anodized Finish, Add	*401.13*	
		For Kynar® Standard Colors Finish, Add	*551.56*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,443.89	102.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.86*	
		For Clear Lacquer Finish, Add	*247.71*	
		For Baked Enamel Standard Colors, Add	*371.57*	
		For Anodized Finish, Add	*495.42*	
		For Kynar® Standard Colors Finish, Add	*681.20*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,687.84	118.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*145.17*	
		For Clear Lacquer Finish, Add	*290.34*	
		For Baked Enamel Standard Colors, Add	*435.51*	
		For Anodized Finish, Add	*580.68*	
		For Kynar® Standard Colors Finish, Add	*798.43*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,943.88	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.23*	
		For Clear Lacquer Finish, Add	*338.47*	
		For Baked Enamel Standard Colors, Add	*507.70*	
		For Anodized Finish, Add	*676.93*	
		For Kynar® Standard Colors Finish, Add	*930.78*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,288.10	130.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*202.63*	
		For Clear Lacquer Finish, Add	*405.26*	
		For Baked Enamel Standard Colors, Add	*607.88*	
		For Anodized Finish, Add	*810.51*	
		For Kynar® Standard Colors Finish, Add	*1,114.45*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,519.36	136.04
		Note: Includes bird screen.		
		For Flange Frame, Add	*224.73*	
		For Clear Lacquer Finish, Add	*449.45*	
		For Baked Enamel Standard Colors, Add	*674.18*	
		For Anodized Finish, Add	*898.91*	
		For Kynar® Standard Colors Finish, Add	*1,236.00*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,742.99	143.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.55*	
		For Clear Lacquer Finish, Add	*491.10*	
		For Baked Enamel Standard Colors, Add	*736.65*	
		For Anodized Finish, Add	*982.20*	
		For Kynar® Standard Colors Finish, Add	*1,350.53*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,008.63	148.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*271.09*	
		For Clear Lacquer Finish, Add	*542.17*	
		For Baked Enamel Standard Colors, Add	*813.26*	
		For Anodized Finish, Add	*1,084.35*	
		For Kynar® Standard Colors Finish, Add	*1,490.98*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,233.24	156.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*292.01*	
		For Clear Lacquer Finish, Add	*584.02*	
		For Baked Enamel Standard Colors, Add	*876.02*	
		For Anodized Finish, Add	*1,168.03*	
		For Kynar® Standard Colors Finish, Add	*1,606.04*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,593.83	169.41
		Note: Includes bird screen.		
		For Flange Frame, Add	*325.50*	
		For Clear Lacquer Finish, Add	*651.00*	
		For Baked Enamel Standard Colors, Add	*976.50*	
		For Anodized Finish, Add	*1,302.00*	
		For Kynar® Standard Colors Finish, Add	*1,790.26*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,813.53	177.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*345.93*	
		For Clear Lacquer Finish, Add	*691.86*	
		For Baked Enamel Standard Colors, Add	*1,037.79*	
		For Anodized Finish, Add	*1,383.72*	
		For Kynar® Standard Colors Finish, Add	*1,902.62*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,054.83	184.82
		Note: Includes bird screen.		
		For Flange Frame, Add	*368.52*	
		For Clear Lacquer Finish, Add	*737.04*	
		For Baked Enamel Standard Colors, Add	*1,105.56*	
		For Anodized Finish, Add	*1,474.08*	
		For Kynar® Standard Colors Finish, Add	*2,026.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,313.60	189.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*393.37*	
		For Clear Lacquer Finish, Add	*786.74*	
		For Baked Enamel Standard Colors, Add	*1,180.11*	
		For Anodized Finish, Add	*1,573.48*	
		For Kynar® Standard Colors Finish, Add	*2,163.54*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,546.83	195.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*415.67*	
		For Clear Lacquer Finish, Add	*831.33*	
		For Baked Enamel Standard Colors, Add	*1,247.00*	
		For Anodized Finish, Add	*1,662.67*	
		For Kynar® Standard Colors Finish, Add	*2,286.17*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,893.99	200.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*449.36*	
		For Clear Lacquer Finish, Add	*898.71*	
		For Baked Enamel Standard Colors, Add	*1,348.07*	
		For Anodized Finish, Add	*1,797.42*	
		For Kynar® Standard Colors Finish, Add	*2,471.46*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,248.76	94.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*105.88*	
		For Clear Lacquer Finish, Add	*211.76*	
		For Baked Enamel Standard Colors, Add	*317.64*	
		For Anodized Finish, Add	*423.52*	
		For Kynar® Standard Colors Finish, Add	*582.35*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,519.22	110.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.85*	
		For Clear Lacquer Finish, Add	*259.69*	
		For Baked Enamel Standard Colors, Add	*389.54*	
		For Anodized Finish, Add	*519.39*	
		For Kynar® Standard Colors Finish, Add	*714.16*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,772.98	125.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*152.14*	
		For Clear Lacquer Finish, Add	*304.29*	
		For Baked Enamel Standard Colors, Add	*456.43*	
		For Anodized Finish, Add	*608.57*	
		For Kynar® Standard Colors Finish, Add	*836.79*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,036.87	133.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*176.99*	
		For Clear Lacquer Finish, Add	*353.98*	
		For Baked Enamel Standard Colors, Add	*530.98*	
		For Anodized Finish, Add	*707.97*	
		For Kynar® Standard Colors Finish, Add	*973.46*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,404.67	138.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*212.75*	
		For Clear Lacquer Finish, Add	*425.49*	
		For Baked Enamel Standard Colors, Add	*638.24*	
		For Anodized Finish, Add	*850.98*	
		For Kynar® Standard Colors Finish, Add	*1,170.10*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,643.79	143.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*235.63*	
		For Clear Lacquer Finish, Add	*471.26*	
		For Baked Enamel Standard Colors, Add	*706.89*	
		For Anodized Finish, Add	*942.52*	
		For Kynar® Standard Colors Finish, Add	*1,295.97*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,872.11	148.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*257.44*	
		For Clear Lacquer Finish, Add	*514.87*	
		For Baked Enamel Standard Colors, Add	*772.31*	
		For Anodized Finish, Add	*1,029.74*	
		For Kynar® Standard Colors Finish, Add	*1,415.89*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,152.48	154.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.45*	
		For Clear Lacquer Finish, Add	*568.89*	
		For Baked Enamel Standard Colors, Add	*853.34*	
		For Anodized Finish, Add	*1,137.78*	
		For Kynar® Standard Colors Finish, Add	*1,564.45*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,388.88	161.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*306.55*	
		For Clear Lacquer Finish, Add	*613.09*	
		For Baked Enamel Standard Colors, Add	*919.64*	
		For Anodized Finish, Add	*1,226.18*	
		For Kynar® Standard Colors Finish, Add	*1,686.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,770.09	174.55
		For Flange Frame, Add	*342.10*	
		For Clear Lacquer Finish, Add	*684.20*	
		For Baked Enamel Standard Colors, Add	*1,026.30*	
		For Anodized Finish, Add	*1,368.40*	
		For Kynar® Standard Colors Finish, Add	*1,881.55*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,999.61	182.25
		For Flange Frame, Add	*363.51*	
		For Clear Lacquer Finish, Add	*727.02*	
		For Baked Enamel Standard Colors, Add	*1,090.54*	
		For Anodized Finish, Add	*1,454.05*	
		For Kynar® Standard Colors Finish, Add	*1,999.32*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,262.53	189.95
		For Flange Frame, Add	*388.26*	
		For Clear Lacquer Finish, Add	*776.53*	
		For Baked Enamel Standard Colors, Add	*1,164.79*	
		For Anodized Finish, Add	*1,553.06*	
		For Kynar® Standard Colors Finish, Add	*2,135.45*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,537.01	195.09
		For Flange Frame, Add	*414.69*	
		For Clear Lacquer Finish, Add	*829.37*	
		For Baked Enamel Standard Colors, Add	*1,244.06*	
		For Anodized Finish, Add	*1,658.74*	
		For Kynar® Standard Colors Finish, Add	*2,280.77*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,769.47	202.78
		For Flange Frame, Add	*436.39*	
		For Clear Lacquer Finish, Add	*872.78*	
		For Baked Enamel Standard Colors, Add	*1,309.17*	
		For Anodized Finish, Add	*1,745.56*	
		For Kynar® Standard Colors Finish, Add	*2,400.15*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,137.27	207.91
		For Flange Frame, Add	*472.14*	
		For Clear Lacquer Finish, Add	*944.29*	
		For Baked Enamel Standard Colors, Add	*1,416.43*	
		For Anodized Finish, Add	*1,888.58*	
		For Kynar® Standard Colors Finish, Add	*2,596.79*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,310.32	102.67
		For Flange Frame, Add	*110.50*	
		For Clear Lacquer Finish, Add	*221.00*	
		For Baked Enamel Standard Colors, Add	*331.49*	
		For Anodized Finish, Add	*441.99*	
		For Kynar® Standard Colors Finish, Add	*607.74*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,590.60	118.07
		For Flange Frame, Add	*135.45*	
		For Clear Lacquer Finish, Add	*270.89*	
		For Baked Enamel Standard Colors, Add	*406.34*	
		For Anodized Finish, Add	*541.78*	
		For Kynar® Standard Colors Finish, Add	*744.95*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,857.13	133.48
		For Flange Frame, Add	*159.02*	
		For Clear Lacquer Finish, Add	*318.04*	
		For Baked Enamel Standard Colors, Add	*477.05*	
		For Anodized Finish, Add	*636.07*	
		For Kynar® Standard Colors Finish, Add	*874.60*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,135.77	141.18
		For Flange Frame, Add	*185.34*	
		For Clear Lacquer Finish, Add	*370.68*	
		For Baked Enamel Standard Colors, Add	*556.02*	
		For Anodized Finish, Add	*741.36*	
		For Kynar® Standard Colors Finish, Add	*1,019.38*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,515.34	146.31
		For Flange Frame, Add	*222.27*	
		For Clear Lacquer Finish, Add	*444.54*	
		For Baked Enamel Standard Colors, Add	*666.82*	
		For Anodized Finish, Add	*889.09*	
		For Kynar® Standard Colors Finish, Add	*1,222.50*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,794.73	151.45
		For Flange Frame, Add	*249.18*	
		For Clear Lacquer Finish, Add	*498.37*	
		For Baked Enamel Standard Colors, Add	*747.55*	
		For Anodized Finish, Add	*996.74*	
		For Kynar® Standard Colors Finish, Add	*1,370.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,037.78	156.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*272.46*	
		For Clear Lacquer Finish, Add	*544.92*	
		For Baked Enamel Standard Colors, Add	*817.39*	
		For Anodized Finish, Add	*1,089.85*	
		For Kynar® Standard Colors Finish, Add	*1,498.54*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,304.41	161.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*298.10*	
		For Clear Lacquer Finish, Add	*596.20*	
		For Baked Enamel Standard Colors, Add	*894.29*	
		For Anodized Finish, Add	*1,192.39*	
		For Kynar® Standard Colors Finish, Add	*1,639.54*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,551.38	166.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*321.77*	
		For Clear Lacquer Finish, Add	*643.54*	
		For Baked Enamel Standard Colors, Add	*965.31*	
		For Anodized Finish, Add	*1,287.08*	
		For Kynar® Standard Colors Finish, Add	*1,769.73*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,961.09	179.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*360.17*	
		For Clear Lacquer Finish, Add	*720.35*	
		For Baked Enamel Standard Colors, Add	*1,080.52*	
		For Anodized Finish, Add	*1,440.69*	
		For Kynar® Standard Colors Finish, Add	*1,980.95*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,141.62	187.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*276.69*	
		For Clear Lacquer Finish, Add	*553.37*	
		For Baked Enamel Standard Colors, Add	*830.06*	
		For Anodized Finish, Add	*1,106.74*	
		For Kynar® Standard Colors Finish, Add	*1,521.77*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,467.27	195.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*407.71*	
		For Clear Lacquer Finish, Add	*815.42*	
		For Baked Enamel Standard Colors, Add	*1,223.13*	
		For Anodized Finish, Add	*1,630.84*	
		For Kynar® Standard Colors Finish, Add	*2,242.41*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,751.58	200.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*435.12*	
		For Clear Lacquer Finish, Add	*870.23*	
		For Baked Enamel Standard Colors, Add	*1,305.35*	
		For Anodized Finish, Add	*1,740.46*	
		For Kynar® Standard Colors Finish, Add	*2,393.13*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,995.83	207.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*458.00*	
		For Clear Lacquer Finish, Add	*916.00*	
		For Baked Enamel Standard Colors, Add	*1,374.00*	
		For Anodized Finish, Add	*1,832.00*	
		For Kynar® Standard Colors Finish, Add	*2,519.00*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,391.34	215.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*496.01*	
		For Clear Lacquer Finish, Add	*992.02*	
		For Baked Enamel Standard Colors, Add	*1,488.03*	
		For Anodized Finish, Add	*1,984.04*	
		For Kynar® Standard Colors Finish, Add	*2,728.06*	
08 91 19 00-0227		Gable Louver Vents *(08 91 19)*		
		Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228		Aluminum Gable Louver Vents *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0229		Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	245.92	8.86
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	268.63	10.18
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	310.13	11.49
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	340.46	12.21
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	389.55	12.93
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	434.86	15.51
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	502.83	19.39
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	559.48	22.63
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	638.77	27.15
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	797.37	36.20
08 91 19 00-0240		Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*		
		Note: Includes screen.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	225.04	8.16
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	278.51	10.34
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	349.83	12.20
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	446.19	16.16
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	570.80	23.27
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	718.00	31.66
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	888.00	41.37
08 91 19 00-0248		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	225.04	8.16
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	278.51	10.34
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	349.83	12.20
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	446.19	16.16
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	570.80	23.27
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	718.08	31.67
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	225.04	8.16
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	245.92	8.86
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	268.63	10.18
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	278.51	10.34
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	310.13	11.49
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	340.46	12.21
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	349.83	12.20
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	389.55	12.93
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	434.86	15.51
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	446.19	16.16
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	502.83	19.39
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	559.48	22.63
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	570.80	23.27
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	638.77	27.15
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	706.74	31.03
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	718.08	31.67
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	797.37	36.20
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	888.00	41.37
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	225.04	8.16
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	245.92	8.86
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	268.63	10.18
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	278.51	10.34
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	310.13	11.49
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	340.46	12.21
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	349.83	12.20
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	389.55	12.93
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	434.86	15.51
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	446.19	16.16
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	502.83	19.39
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	559.48	22.63
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	570.80	23.27
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	638.77	27.15
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	706.74	31.03
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	718.08	31.67
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	797.37	36.20
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	888.00	41.37
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	475.16	10.18
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	537.58	12.20
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	577.30	12.93
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	660.16	15.51
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	737.20	16.16
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	596.70	19.39
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	700.29	22.63
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	796.10	23.27
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	901.62	27.15
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	706.74	31.03
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	821.34	31.67
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	947.56	36.20
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	1,075.74	41.37
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	1,206.91	47.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0308		**Vinyl Gable Louver Vents** *(08 91 19 00-0227)* Note: Includes screen.		
08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	67.85	8.16
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	82.99	8.86
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	113.82	11.49
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	158.69	12.93
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	110.97	10.34
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	127.99	12.20
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	181.52	16.16
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	265.62	23.27
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	110.97	10.34
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	125.84	11.49
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	164.23	12.93
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	232.20	19.39
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	566.71	31.03
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	108.72	10.18
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	152.76	12.93
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	156.20	15.51
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	374.38	19.39
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	374.38	19.39
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	374.38	19.39
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	374.38	19.39
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	374.38	19.39
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	409.32	31.03
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	409.32	31.03
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	409.32	31.03
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	409.32	31.03

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001		**Aluminum Soffit Vents** *(08 95 13)*		
08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	6.31	2.36
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	11.51	4.62
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	18.29	6.16
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	18.88	6.16
08 95 13 00-0006		**Vinyl Soffit Vents** *(08 95 13)*		
08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	6.19	2.56
		For Colors, Add	*0.11*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	5.88	2.56
		For Colors, Add	*0.08*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001		**Foundation Vents** *(08 95 16)*		
08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.46	0.17
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.68	0.17
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	0.84	0.17
08 95 16 00-0005	SI	Plastic Foundation Vent	0.50	0.17

END OF SECTION 08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002 SF Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing 17.74
Note: Per location.
09 01 20 91-0003 SF >2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing 14.33
Note: Per location.
09 01 20 91-0004 SF >4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing 12.87
Note: Per location.
09 01 20 91-0005 SF >8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing 11.34
Note: Per location.
09 01 20 91-0006 SF >16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing 10.15
Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and inistalled.

09 01 20 91-0008 EA Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops 1.58
For ASTM C840 Level 1 Finish, Deduct *-0.77*
For ASTM C840 Level 2 Finish, Deduct *-0.38*
For ASTM C840 Level 3 Finish, Deduct *-0.15*
For ASTM C840 Level 5 High Quality Finish, Add *1.17*

09 01 20 91-0009 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0010 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0011 LF Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco 17.34
09 01 20 91-0012 LF >10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco 13.92
09 01 20 91-0013 LF >50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco 11.36
09 01 20 91-0014 LF >100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco 8.80
09 01 20 91-0015 LF >250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco 7.09
09 01 20 91-0016 LF >500', Chip, Clean And Repair Crack In Plaster/Stucco 5.37

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0018 SF Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing 16.71
09 01 20 91-0019 SF >10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing 14.83
09 01 20 91-0020 SF >50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing 13.67
09 01 20 91-0021 SF >100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing 12.72
09 01 20 91-0022 SF >250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing 11.88
09 01 20 91-0023 SF >500 SF, Cut And Patch Hole In Plaster To Match Existing 10.95

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0025 SF Up To 10 SF, Chip, Clean And Repair Plaster/Stucco 31.37
09 01 20 91-0026 SF >10 To 50 SF, Chip, Clean And Repair Plaster/Stucco 22.82
09 01 20 91-0027 SF >50 To 250 SF, Chip, Clean And Repair Plaster/Stucco 16.84
09 01 20 91-0028 SF >250 SF, Chip, Clean And Repair Plaster/Stucco 13.42

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001 SF Regrout Floor Tile Including Removal Of Loose Grout 6.39
09 01 30 91-0002 SF Regrout Wall Tile Including Removal Of Loose Grout 7.96
09 01 30 91-0003 SF Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing 44.05
Note: Per location.

09 01 60 Maintenance of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002 CSF Grinding, Polishing And Sealing Existing Terrazzo 278.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	4.21	
09 01 60 91-0004	SF	Repair Existing Terrazzo	19.85	
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	4.39	

09 01 60 91-0006 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0007	CSF	Steam Clean Carpet	42.60	
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	47.17	
		For Additional Coat, Add	*39.57*	
		For Stripping Existing Wax From Floor, Add	*45.10*	
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	29.18	
		For Additional Coat, Add	*25.80*	
		For Stripping Existing Wax From Floor, Add	*45.10*	
09 01 60 91-0010	MSF	Vacuum Floors	23.54	

09 01 60 91-0011 Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*

09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	8.71	
09 01 60 91-0013	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	7.40	

09 01 60 91-0014 Floor Sealants *(09 01 60 91)*

09 01 60 91-0015	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.17	
09 01 60 91-0016	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.33	
09 01 60 91-0017	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.27	
09 01 60 91-0018	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	44.11	

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.03	

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 01 90 52-0002 Concrete And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.39	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.65	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0007	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation	0.78	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0008	SF	Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.51	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.40	
		For Up To 100, Add	*2.42*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.30*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 30,000, Deduct	*-0.20*	
		For >30,000, Deduct	*-0.27*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	2.31	
		For Up To 100, Add	*4.24*	
		For >100 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.53*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 15,000, Deduct	*-0.22*	
		For >15,000 To 30,000, Deduct	*-0.34*	
		For >30,000, Deduct	*-0.45*	
09 01 90 52-0011	SF	Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 lbs of sand per SF	3.45	
		For 4.5 lbs Of Sand per SF, Where Multiple Pass Is Required, Add	*2.01*	
		For 6 lbs Of Sand per SF, Where Multiple Pass Is Required, Add	*4.15*	
		For 9 lbs Of Sand per SF, Where Multiple Pass Is Required, Add	*6.90*	
		For Up To 100, Add	*5.62*	
		For >100 To 250, Add	*1.41*	
		For >250 To 500, Add	*0.70*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 15,000, Deduct	*-0.32*	
		For >15,000 To 30,000, Deduct	*-0.50*	
		For >30,000, Deduct	*-0.66*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.30	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.08*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.50	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.13*	
09 01 90 52-0015	SF	Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	0.94	
		For Up To 100, Add	*1.76*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.22*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.65	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation		0.53	
		For Up To 100, Add		*0.40*	
		For >100 To 250, Add		*0.19*	
		For >250 To 500, Add		*0.08*	
		For >5,000 To 10,000, Deduct		*-0.03*	
		For >10,000 To 15,000, Deduct		*-0.05*	
		For >15,000 To 30,000, Deduct		*-0.08*	
		For >30,000, Deduct		*-0.11*	
09 01 90 52-0020	SF	Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation		0.48	
		For Up To 100, Add		*0.29*	
		For >100 To 250, Add		*0.13*	
		For >250 To 500, Add		*0.06*	
		For >5,000 To 10,000, Deduct		*-0.02*	
		For >10,000 To 15,000, Deduct		*-0.04*	
		For >15,000 To 30,000, Deduct		*-0.07*	
		For >30,000, Deduct		*-0.09*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation		1.18	
		For Up To 100, Add		*0.89*	
		For >100 To 250, Add		*0.41*	
		For >250 To 500, Add		*0.18*	
		For >5,000 To 10,000, Deduct		*-0.06*	
		For >10,000 To 15,000, Deduct		*-0.12*	
		For >15,000 To 30,000, Deduct		*-0.18*	
		For >30,000, Deduct		*-0.24*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation		0.49	
		For Up To 100, Add		*0.26*	
		For >100 To 250, Add		*0.12*	
		For >250 To 500, Add		*0.05*	
		For >5,000 To 10,000, Deduct		*-0.02*	
		For >10,000 To 15,000, Deduct		*-0.04*	
		For >15,000 To 30,000, Deduct		*-0.07*	
		For >30,000, Deduct		*-0.09*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation		1.05	
		For Up To 100, Add		*0.65*	
		For >100 To 250, Add		*0.30*	
		For >250 To 500, Add		*0.13*	
		For >5,000 To 10,000, Deduct		*-0.05*	
		For >10,000 To 15,000, Deduct		*-0.10*	
		For >15,000 To 30,000, Deduct		*-0.15*	
		For >30,000, Deduct		*-0.20*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation		1.45	
		For Up To 100, Add		*0.87*	
		For >100 To 250, Add		*0.41*	
		For >250 To 500, Add		*0.17*	
		For >5,000 To 10,000, Deduct		*-0.07*	
		For >10,000 To 15,000, Deduct		*-0.13*	
		For >15,000 To 30,000, Deduct		*-0.21*	
		For >30,000, Deduct		*-0.28*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation		2.11	
		For Up To 100, Add		*1.30*	
		For >100 To 250, Add		*0.61*	
		For >250 To 500, Add		*0.26*	
		For >5,000 To 10,000, Deduct		*-0.10*	
		For >10,000 To 15,000, Deduct		*-0.20*	
		For >15,000 To 30,000, Deduct		*-0.31*	
		For >30,000, Deduct		*-0.40*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation		3.54	
		For Up To 100, Add		*2.17*	
		For >100 To 250, Add		*1.01*	
		For >250 To 500, Add		*0.43*	
		For >5,000 To 10,000, Deduct		*-0.16*	
		For >10,000 To 15,000, Deduct		*-0.33*	
		For >15,000 To 30,000, Deduct		*-0.51*	
		For >30,000, Deduct		*-0.68*	
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation		2.70	
		For Up To 100, Add		*1.63*	
		For >100 To 250, Add		*0.76*	
		For >250 To 500, Add		*0.33*	
		For >5,000 To 10,000, Deduct		*-0.12*	
		For >10,000 To 15,000, Deduct		*-0.25*	
		For >15,000 To 30,000, Deduct		*-0.39*	
		For >30,000, Deduct		*-0.51*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation		3.33	
		For Up To 100, Add		*2.00*	
		For >100 To 250, Add		*0.93*	
		For >250 To 500, Add		*0.40*	
		For >5,000 To 10,000, Deduct		*-0.15*	
		For >10,000 To 15,000, Deduct		*-0.31*	
		For >15,000 To 30,000, Deduct		*-0.48*	
		For >30,000, Deduct		*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	4.32	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 30,000, Deduct	*-0.62*	
		For >30,000, Deduct	*-0.82*	
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	5.40	
		For Up To 100, Add	*3.24*	
		For >100 To 250, Add	*1.51*	
		For >250 To 500, Add	*0.65*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 15,000, Deduct	*-0.50*	
		For >15,000 To 30,000, Deduct	*-0.78*	
		For >30,000, Deduct	*-1.03*	
09 01 90 52-0031		Tile Surfaces, Surface Preparation *(09 01 90 52-0001)*		
09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.34	
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	33.30	
		For Up To 100, Add	*24.73*	
		For >100 To 250, Add	*11.54*	
		For >250 To 500, Add	*4.95*	
		For >5,000 To 10,000, Deduct	*-1.66*	
		For >10,000 To 15,000, Deduct	*-3.32*	
		For >15,000 To 30,000, Deduct	*-4.99*	
		For >30,000, Deduct	*-6.64*	
09 01 90 52-0034	SF	Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.34	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0035		Wood Surfaces, Surface Preparation *(09 01 90 52-0001)*		
09 01 90 52-0036	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.25	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.19*	
		For >30,000, Deduct	*-0.25*	
09 01 90 52-0037	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.36	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.55	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	0.79	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.76	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0041	SF	Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.52	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.71	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.14*	
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	0.95	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.19*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.65	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.75	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.14*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.34	
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0048	SF	Hand Wash,Vinyl Siding Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0049	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.44	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.81	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.15*	

09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*

Note: Based on total project quantity.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.39	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0053	SF	Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.57	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	

09 01 90 52-0054 Prep Work *(09 01 90 52-0001)*

09 01 90 52-0055	SF	Citrus Strip, Single Applications Note: For removal of dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple coats may be necessary, refer to manufacturer recommendations	0.97	

09 01 90 52-0056 Corrosive Inhibitor Sealant For Concrete *(09 01 90 52-0001)*

09 01 90 52-0057	SF	Corrosive Inhibitor Sealant For Concrete	0.68	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	

09 01 90 61 Repainting *(09 01 90)*

09 01 90 61-0001 Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*

Note: For use on individual areas less than 10 SF.

09 01 90 61-0002	SF	"Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.17	

09 01 90 91 Paint Restoration *(09 01 90)*

09 01 90 91-0001 Paint Removal, Strip To Bare Wood *(09 01 90 91)*

09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	6.06	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	6.45	

09 05 Common Work Results for Finishes *(09)*

09 05 61 Common Work Results for Flooring Preparation *(09 05)*

09 05 61 13 Moisture Vapor Emission Control *(09 05 61)*

09 05 61 13-0001 Moisture Vapor Reduction System (Koester VAP) *(09 05 61 13)*

09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000) Note: Clear	2,697.82	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001) Note: Clear	14.29	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002) Note: Clear	9.53	
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003) Note: Clear	7.94	
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004) Note: Clear	6.35	

09 05 61 13-0007 Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*

09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.35	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	6.03	

09 05 71 Acoustic Underlayment *(09 05)*

09 05 71 00-0001 Tile And Stone Acoustical Underlayment *(09 05 71)*

09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	3.99	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*0.44*	

09 05 71 00-0003 Resilient Floor Acoustical Underlayment *(09 05 71)*

09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	2.98	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.64	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	2.09	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*

Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel		3.77	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.47*		
		For 12" On Center, Add	*0.61*		
		For 22 Gauge, Add	*0.48*		
		For 20 Gauge, Add	*1.06*		
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel		4.16	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.55*		
		For 12" On Center, Add	*0.69*		
		For 22 Gauge, Add	*0.68*		
		For 20 Gauge, Add	*1.31*		

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel		5.29	2.15
		For Columns And Beams >10' High, Add	*0.86*		
		For 24" On Center, Deduct	*-0.63*		
		For 12" On Center, Add	*0.84*		
		For 22 Gauge, Add	*0.49*		
		For 20 Gauge, Add	*1.29*		
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel		5.67	2.15
		For Columns And Beams >10' High, Add	*0.86*		
		For 24" On Center, Deduct	*-0.70*		
		For 12" On Center, Add	*0.92*		
		For 22 Gauge, Add	*0.68*		
		For 20 Gauge, Add	*1.54*		

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel		5.05	1.72
		For Ceilings >10' High, Add	*0.52*		
		For 24" On Center, Deduct	*-0.67*		
		For 12" On Center, Add	*0.84*		
		For 22 Gauge, Add	*0.80*		
		For 20 Gauge, Add	*1.57*		
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel		5.43	1.72
		For Ceilings >10' High, Add	*0.52*		
		For 24" On Center, Deduct	*-0.74*		
		For 12" On Center, Add	*0.91*		
		For 22 Gauge, Add	*0.99*		
		For 20 Gauge, Add	*1.82*		

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.10	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.34*		
		For 12" On Center, Add	*0.48*		
		For 22 Gauge, Add	*0.15*		
		For 20 Gauge, Add	*0.61*		
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.16	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.35*		
		For 12" On Center, Add	*0.49*		
		For 22 Gauge, Add	*0.18*		
		For 20 Gauge, Add	*0.65*		
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.21	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.36*		
		For 12" On Center, Add	*0.50*		
		For 22 Gauge, Add	*0.20*		
		For 20 Gauge, Add	*0.69*		
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.25	1.40
		For Walls >10' High, Add	*0.42*		
		For 24" On Center, Deduct	*-0.37*		
		For 12" On Center, Add	*0.51*		
		For 22 Gauge, Add	*0.22*		
		For 20 Gauge, Add	*0.71*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.29	1.40
		For Walls >10' High, Add	*0.42*	
		For 24" On Center, Deduct	*-0.38*	
		For 12" On Center, Add	*0.52*	
		For 22 Gauge, Add	*0.24*	
		For 20 Gauge, Add	*0.74*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	3.43	1.40
		For Walls >10' High, Add	*0.42*	
		For 24" On Center, Deduct	*-0.41*	
		For 12" On Center, Add	*0.55*	
		For 20 Gauge, Add	*0.83*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	4.07	1.72
		For Ceilings >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.47*	
		For 12" On Center, Add	*0.64*	
		For 20 Gauge, Add	*0.93*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	3.66	1.40
		For Walls >10' High, Add	*0.42*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.59*	
		For 20 Gauge, Add	*0.98*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	4.30	1.72
		For Ceilings >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.52*	
		For 12" On Center, Add	*0.69*	
		For 20 Gauge, Add	*1.08*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 Non Load Bearing Wall Framing, 25 Gauge *(09 22 16 13)*

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.52	0.58
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.50*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.42*	
		For Soffit, Columns Or Beams >10' High, Add	*1.86*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Curved Wall, Add	*0.44*	
		For 12" On Center, Add	*0.43*	
		For 24" On Center, Deduct	*-0.43*	
		For Up To 100, Add	*0.80*	
		For >100 To 300, Add	*0.40*	
		For >1,000, Deduct	*-0.23*	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.71	0.61
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.54*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.50*	
		For Soffit, Columns Or Beams >10' High, Add	*1.95*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*0.65*	
		For Curved Wall, Add	*0.46*	
		For 12" On Center, Add	*0.47*	
		For 24" On Center, Deduct	*-0.47*	
		For Up To 100, Add	*0.85*	
		For >100 To 300, Add	*0.42*	
		For >1,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.96	0.63
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.59*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.58*	
		For Soffit, Columns Or Beams >10' High, Add	*2.06*	
		For Horizontal Installation Up To 10' High, Add	*0.54*	
		For Horizontal Installation >10' High, Add	*0.70*	
		For Curved Wall, Add	*0.48*	
		For 12" On Center, Add	*0.51*	
		For 24" On Center, Deduct	*-0.51*	
		For Up To 100, Add	*0.91*	
		For >100 To 300, Add	*0.46*	
		For >1,000, Deduct	*-0.28*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.18	0.67
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.66*	
		For Soffit, Columns Or Beams >10' High, Add	*2.17*	
		For Horizontal Installation Up To 10' High, Add	*0.57*	
		For Horizontal Installation >10' High, Add	*0.74*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.55*	
		For 24" On Center, Deduct	*-0.55*	
		For Up To 100, Add	*0.97*	
		For >100 To 300, Add	*0.49*	
		For >1,000, Deduct	*-0.31*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.61	0.70
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.72*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.78*	
		For Soffit, Columns Or Beams >10' High, Add	*2.31*	
		For Horizontal Installation Up To 10' High, Add	*0.63*	
		For Horizontal Installation >10' High, Add	*0.80*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.63*	
		For 24" On Center, Deduct	*-0.63*	
		For Up To 100, Add	*1.08*	
		For >100 To 300, Add	*0.54*	
		For >1,000, Deduct	*-0.36*	

09 22 16 13-0007 Non Load Bearing Wall Framing, 20 Gauge *(09 22 16 13)*

09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.90	0.59
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.58*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.48*	
		For Soffit, Columns Or Beams >10' High, Add	*1.93*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Curved Wall, Add	*0.45*	
		For 12" On Center, Add	*0.51*	
		For 24" On Center, Deduct	*-0.51*	
		For Up To 100, Add	*0.88*	
		For >100 To 300, Add	*0.44*	
		For >1,000, Deduct	*-0.29*	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.23	0.63
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.65*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.58*	
		For Soffit, Columns Or Beams >10' High, Add	*2.05*	
		For Horizontal Installation Up To 10' High, Add	*0.56*	
		For Horizontal Installation >10' High, Add	*0.72*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.57*	
		For 24" On Center, Deduct	*-0.57*	
		For Up To 100, Add	*0.96*	
		For >100 To 300, Add	*0.48*	
		For >1,000, Deduct	*-0.33*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.61	0.65
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.72*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.68*	
		For Soffit, Columns Or Beams >10' High, Add	*2.18*	
		For Horizontal Installation Up To 10' High, Add	*0.61*	
		For Horizontal Installation >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.64*	
		For 24" On Center, Deduct	*-0.64*	
		For Up To 100, Add	*1.05*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners	3.85	0.69
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.77*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.76*	
		For Soffit, Columns Or Beams >10' High, Add	*2.28*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*0.82*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.68*	
		For 24" On Center, Deduct	*-0.68*	
		For Up To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
		For >1,000, Deduct	*-0.41*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.62	0.72
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.12*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.01*	
		For Soffit, Columns Or Beams >10' High, Add	*2.55*	
		For Horizontal Installation Up To 10' High, Add	*0.83*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*1.03*	
		For 24" On Center, Deduct	*-1.03*	
		For Up To 100, Add	*1.49*	
		For >100 To 300, Add	*0.74*	
		For >1,000, Deduct	*-0.66*	

09 22 16 13-0013 Non Load Bearing Wall Framing, 18 Gauge *(09 22 16 13)*

09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.70	0.63
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.94*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.75*	
		For Soffit, Columns Or Beams >10' High, Add	*2.23*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Curved Wall, Add	*0.48*	
		For 12" On Center, Add	*0.86*	
		For 24" On Center, Deduct	*-0.86*	
		For Up To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	
		For >1,000, Deduct	*-0.55*	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.24	0.67
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.05*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.88*	
		For Soffit, Columns Or Beams >10' High, Add	*2.38*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*0.95*	
		For Curved Wall, Add	*0.51*	
		For 12" On Center, Add	*0.96*	
		For 24" On Center, Deduct	*-0.96*	
		For Up To 100, Add	*1.39*	
		For >100 To 300, Add	*0.69*	
		For >1,000, Deduct	*-0.62*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.65	0.70
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.13*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.98*	
		For Soffit, Columns Or Beams >10' High, Add	*2.51*	
		For Horizontal Installation Up To 10' High, Add	*0.83*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*1.04*	
		For 24" On Center, Deduct	*-1.04*	
		For Up To 100, Add	*1.48*	
		For >100 To 300, Add	*0.74*	
		For >1,000, Deduct	*-0.67*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.56	0.74
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.51*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.24*	
		For Soffit, Columns Or Beams >10' High, Add	*2.80*	
		For Horizontal Installation Up To 10' High, Add	*1.04*	
		For Horizontal Installation >10' High, Add	*1.22*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*1.42*	
		For 24" On Center, Deduct	*-1.42*	
		For Up To 100, Add	*1.88*	
		For >100 To 300, Add	*0.94*	
		For >1,000, Deduct	*-0.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.27	0.79
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.65*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.39*	
		For Soffit, Columns Or Beams >10' High, Add	*2.97*	
		For Horizontal Installation Up To 10' High, Add	*1.12*	
		For Horizontal Installation >10' High, Add	*1.31*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.56*	
		For 24" On Center, Deduct	*-1.56*	
		For Up To 100, Add	*2.04*	
		For >100 To 300, Add	*1.02*	
		For >1,000, Deduct	*-1.05*	
09 22 16 13-0019		Non Load Bearing Wall Framing, 16 Gauge *(09 22 16 13)*		
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.03	0.65
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.01*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.82*	
		For Soffit, Columns Or Beams >10' High, Add	*2.32*	
		For Horizontal Installation Up To 10' High, Add	*0.75*	
		For Horizontal Installation >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.92*	
		For 24" On Center, Deduct	*-0.92*	
		For Up To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
		For >1,000, Deduct	*-0.59*	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.00	0.69
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.20*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.98*	
		For Soffit, Columns Or Beams >10' High, Add	*2.49*	
		For Horizontal Installation Up To 10' High, Add	*0.86*	
		For Horizontal Installation >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*1.11*	
		For 24" On Center, Deduct	*-1.11*	
		For Up To 100, Add	*1.54*	
		For >100 To 300, Add	*0.77*	
		For >1,000, Deduct	*-0.73*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.36	0.72
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.27*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.08*	
		For Soffit, Columns Or Beams >10' High, Add	*2.63*	
		For Horizontal Installation Up To 10' High, Add	*0.91*	
		For Horizontal Installation >10' High, Add	*1.09*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
		For Up To 100, Add	*1.63*	
		For >100 To 300, Add	*0.82*	
		For >1,000, Deduct	*-0.77*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.22	0.76
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.35*	
		For Soffit, Columns Or Beams >10' High, Add	*2.92*	
		For Horizontal Installation Up To 10' High, Add	*1.11*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Curved Wall, Add	*0.57*	
		For 12" On Center, Add	*1.55*	
		For 24" On Center, Deduct	*-1.55*	
		For Up To 100, Add	*2.03*	
		For >100 To 300, Add	*1.01*	
		For >1,000, Deduct	*-1.04*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	9.09	0.81
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.82*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.51*	
		For Soffit, Columns Or Beams >10' High, Add	*3.11*	
		For Horizontal Installation Up To 10' High, Add	*1.21*	
		For Horizontal Installation >10' High, Add	*1.41*	
		For Curved Wall, Add	*0.60*	
		For 12" On Center, Add	*1.72*	
		For 24" On Center, Deduct	*-1.72*	
		For Up To 100, Add	*2.22*	
		For >100 To 300, Add	*1.11*	
		For >1,000, Deduct	*-1.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0025		Galvanized Steel Backing Plates *(09 22 16 13)*		
		Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.		
09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.29	
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.58	
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	2.06	
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	2.55	
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	3.03	
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	3.61	
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.70	
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	2.11	
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	2.86	
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	3.60	
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	4.36	
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	5.19	
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	2.34	
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	2.94	
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	4.04	
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	5.14	
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	6.32	
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	7.47	
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	2.79	
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	3.54	
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	4.93	
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	6.33	
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	7.82	
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	9.26	
09 22 36		**Lath** *(09 22)*		
09 22 36 13		**Gypsum Lath** *(09 22 36)*		
09 22 36 13-0001		Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.28	0.39
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.39*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.83	0.45
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.45*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.37	0.51
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.52*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.59	0.54
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.19	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.78	0.72
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	1.90	0.69
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.55	0.81
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.41*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.19	0.94
		For Columns And Beams >10' High, Add	*0.28*	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0011		Firestop Plaster Base Gypsum Panels *(09 22 36 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.89	0.39
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.39*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.20	0.45
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.45*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.20	0.54
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.56	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.51	0.69
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.92	0.81
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.41*	
		For >5,000, Deduct	*-0.16*	

09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.89	0.39
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.39*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.20	0.45
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.45*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.20	0.54
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.56	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.51	0.69
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.92	0.81
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.41*	
		For >5,000, Deduct	*-0.16*	

09 22 36 23 Metal Lath *(09 22 36)*

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0002	SF	1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.10	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 23-0003	SF	2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.22	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 23-0004	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.34	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0005	SF	3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.73	0.57
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0006	SF	1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.27	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0007	SF	2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.39	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0008	SF	2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.51	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0009	SF	3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.82	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0010	SF	1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.96	0.87
		For Columns And Beams >10' High, Add	*0.29*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.96*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0011	SF	2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.08	0.87
		For Columns And Beams >10' High, Add	*0.29*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.96*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0012	SF	2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.20	0.87
		For Columns And Beams >10' High, Add	*0.29*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.96*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0013	SF	3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.98	1.09
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.60*	
		For >5,000, Deduct	*-0.24*	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0015	SF	1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.18	0.57
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0016	SF	2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.30	0.57
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0017	SF	2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.42	0.57
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0018	SF	3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.73	0.57
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0019	SF	1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.44	1.09
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.60*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0020	SF	2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.56	1.09
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.60*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0021	SF	2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.68	1.09
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.60*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0022	SF	3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.32	1.24
		For Columns And Beams >10' High, Add	*0.41*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.37*	
		For >100 To 500, Add	*0.69*	
		For >5,000, Deduct	*-0.27*	
09 22 36 23-0023		**High Rib Metal Lath** *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.61	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.78	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	2.89	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.08	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33		**Fiberglass Lath** *(09 22 36)*		
09 22 36 33-0001		Non-Metallic, Fiberglass Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	2.88	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.11	0.61
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	2.79	0.57
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.02	0.57
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	3.68	0.87
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	3.69	0.87
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	3.57	0.87
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	3.50	0.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	3.37	0.87
09 23 13 00-0007		**Trim** *(09 23 13)*		
09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	3.91	0.87
		For Vinyl Instead Of Galvanized, Add	*0.26*	
		For Zinc Instead Of Galvanized, Add	*1.70*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	3.91	0.87
		For Vinyl Instead Of Galvanized, Add	*0.26*	
		For Zinc Instead Of Galvanized, Add	*1.70*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	3.91	0.87
		For Vinyl Instead Of Galvanized, Add	*0.26*	
		For Zinc Instead Of Galvanized, Add	*1.70*	
09 23 13 00-0011		**Plaster Forms And Expansion Joints** *(09 23 13)*		
09 23 13 00-0012	SF	1" Architectural Foam Forms To Cover With Plaster	4.26	
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	4.51	0.87
09 23 13 00-0014		**One Skim Coat Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.12	
		For Walls >10' High, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.14*	
		For Horizontal Installation >10' High, Add	*0.29*	
		For Columns Or Beams Up To 10' High, Add	*0.29*	
		For Columns Or Beams >10' High, Add	*0.44*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.19*	
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.81	
		For Walls >10' High, Add	*0.07*	
		For Horizontal Installation Up To 10' High, Add	*0.10*	
		For Horizontal Installation >10' High, Add	*0.20*	
		For Columns Or Beams Up To 10' High, Add	*0.21*	
		For Columns Or Beams >10' High, Add	*0.31*	
		For Up To 100, Add	*0.34*	
		For >100 To 500, Add	*0.17*	
		For >5,000, Deduct	*-0.14*	
09 23 13 00-0017		**Two Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	5.52	3.16
		For Walls >10' High, Add	*0.52*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.56*	
		For Columns Or Beams Up To 10' High, Add	*1.62*	
		For Columns Or Beams >10' High, Add	*2.40*	
		For Up To 100, Add	*2.61*	
		For >100 To 500, Add	*1.30*	
		For >5,000, Deduct	*-1.04*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	5.67	2.99
		For Walls >10' High, Add	*0.49*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*1.47*	
		For Columns Or Beams Up To 10' High, Add	*1.52*	
		For Columns Or Beams >10' High, Add	*2.25*	
		For Up To 100, Add	*2.45*	
		For >100 To 500, Add	*1.22*	
		For >5,000, Deduct	*-0.98*	
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	5.71	2.99
		For Walls >10' High, Add	*0.49*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*1.47*	
		For Columns Or Beams Up To 10' High, Add	*1.52*	
		For Columns Or Beams >10' High, Add	*2.25*	
		For Up To 100, Add	*2.45*	
		For >100 To 500, Add	*1.22*	
		For >5,000, Deduct	*-0.98*	
09 23 13 00-0021		**Three Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	6.68	3.84
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.87*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.87*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*1.56*	
		For >5,000, Deduct	*-1.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	6.69	3.51
		For Walls >10' High, Add	*0.58*	
		For Horizontal Installation Up To 10' High, Add	*0.87*	
		For Horizontal Installation >10' High, Add	*1.73*	
		For Columns Or Beams Up To 10' High, Add	*1.79*	
		For Columns Or Beams >10' High, Add	*2.65*	
		For Up To 100, Add	*2.89*	
		For >100 To 500, Add	*1.44*	
		For >5,000, Deduct	*-1.15*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	6.28	3.51
		For Walls >10' High, Add	*0.57*	
		For Horizontal Installation Up To 10' High, Add	*0.86*	
		For Horizontal Installation >10' High, Add	*1.72*	
		For Columns Or Beams Up To 10' High, Add	*1.78*	
		For Columns Or Beams >10' High, Add	*2.64*	
		For Up To 100, Add	*2.87*	
		For >100 To 500, Add	*1.44*	
		For >5,000, Deduct	*-1.15*	

09 23 13 00-0025 Plaster Bonding Agent *(09 23 13)*

09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.62	
		For Walls >10' High, Add	*0.05*	
		For Columns Or Beams Up To 10' High, Add	*0.15*	
		For Columns Or Beams >10' High, Add	*0.23*	
		For Ceiling Application Up To 10' High, Add	*0.07*	
		For Ceiling Application >10' High, Add	*0.12*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	4.37	2.13
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*1.02*	
		For Columns Or Beams Up To 10' High, Add	*1.06*	
		For Columns Or Beams >10' High, Add	*1.57*	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.68*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	6.64	3.33
		For Walls >10' High, Add	*0.54*	
		For Horizontal Installation Up To 10' High, Add	*0.81*	
		For Horizontal Installation >10' High, Add	*1.63*	
		For Columns Or Beams Up To 10' High, Add	*1.68*	
		For Columns Or Beams >10' High, Add	*2.49*	
		For Up To 100, Add	*2.71*	
		For >100 To 500, Add	*1.36*	
		For >5,000, Deduct	*-1.08*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	7.51	3.76
		For Walls >10' High, Add	*0.61*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.84*	
		For Columns Or Beams Up To 10' High, Add	*1.90*	
		For Columns Or Beams >10' High, Add	*2.82*	
		For Up To 100, Add	*3.07*	
		For >100 To 500, Add	*1.53*	
		For >5,000, Deduct	*-1.23*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	8.36	2.65
		For Walls >10' High, Add	*0.72*	
		For Horizontal Installation Up To 10' High, Add	*1.09*	
		For Horizontal Installation >10' High, Add	*2.17*	
		For Columns Or Beams Up To 10' High, Add	*2.24*	
		For Columns Or Beams >10' High, Add	*3.33*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.52*	
		For Up To 100, Add	*3.62*	
		For >100 To 500, Add	*1.81*	
		For >5,000, Deduct	*-1.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	3.63	1.28
		For Walls >10' High, Add	*0.27*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.80*	
		For Columns Or Beams Up To 10' High, Add	*0.82*	
		For Columns Or Beams >10' High, Add	*1.22*	
		For Up To 100, Add	*1.33*	
		For >100 To 500, Add	*0.66*	
		For >5,000, Deduct	*-0.53*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	5.51	1.28
		For Walls >10' High, Add	*0.47*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*1.41*	
		For Columns Or Beams Up To 10' High, Add	*1.46*	
		For Columns Or Beams >10' High, Add	*2.16*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.29*	
		For Up To 100, Add	*2.35*	
		For >100 To 500, Add	*1.18*	
		For >5,000, Deduct	*-0.94*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	3.55	0.85
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*1.02*	
		For Columns Or Beams Up To 10' High, Add	*1.06*	
		For Columns Or Beams >10' High, Add	*1.57*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.29*	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.68*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	3.52
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	4.49
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	5.62

09 28 Backing Boards and Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.72	0.58
		For Up To 50, Add	*2.68*	
		For >50 To 250, Add	*0.47*	
		For >1,000, Deduct	*-0.23*	
		For Installation On Wall, Add	*0.47*	
		For Installation On Ceiling, Add	*1.17*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.23	0.70
		For Up To 50, Add	*3.15*	
		For >50 To 250, Add	*0.56*	
		For >1,000, Deduct	*-0.28*	
		For Installation On Wall, Add	*0.56*	
		For Installation On Ceiling, Add	*1.40*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.31	0.82
		For Up To 50, Add	*3.78*	
		For >50 To 250, Add	*0.65*	
		For >1,000, Deduct	*-0.33*	
		For Installation On Wall, Add	*0.65*	
		For Installation On Ceiling, Add	*1.64*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	2.99	0.66
		For Up To 50, Add	*2.00*	
		For >50 To 250, Add	*0.33*	
		For >1,000, Deduct	*-0.17*	
		For Installation On Wall, Add	*0.33*	
		For Installation On Ceiling, Add	*0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.49	0.75
		For Up To 50, Add	*2.28*	
		For >50 To 250, Add	*0.37*	
		For >1,000, Deduct	*-0.19*	
		For Installation On Wall, Add	*0.37*	
		For Installation On Ceiling, Add	*0.94*	

09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.16	0.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.18*	
		For Adhesive Applied Sheets, Add	*0.10*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.26*	
		For Horizontal Installation >10' High, Add	*0.38*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.38*	
		For >128 To 320, Add	*0.23*	
		For >1,536, Deduct	*-0.10*	
09 29 10 00-0004	SF	3/8" Gypsum Board	1.25	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.20*	
		For Adhesive Applied Sheets, Add	*0.10*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.42*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.42*	
		For >128 To 320, Add	*0.25*	
		For >1,536, Deduct	*-0.10*	
09 29 10 00-0005	SF	1/2" Gypsum Board	1.37	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.47*	
		For >128 To 320, Add	*0.28*	
		For >1,536, Deduct	*-0.11*	
09 29 10 00-0006	SF	5/8" Gypsum Board	1.61	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.33*	
		For >1,536, Deduct	*-0.13*	

09 29 10 00-0007 Fire Rated Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0008 Type X, Fire Rated Gypsum Board *(09 29 10 00-0007)*

09 29 10 00-0009	SF	5/8" Type X Fire Rated Gypsum Board	1.71	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.13*	

09 29 10 00-0010 Type C, Fire Rated Gypsum Board *(09 29 10 00-0007)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0011	SF	1/2" Type C Fire Rated Gypsum Board	1.58	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.53*	
		For >128 To 320, Add	*0.32*	
		For >1,536, Deduct	*-0.13*	
09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board	1.77	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.60*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0013		Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0007)*		
09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	2.46	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.74*	
		For >128 To 320, Add	*0.43*	
		For >1,536, Deduct	*-0.25*	
09 29 10 00-0015		Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board	1.51	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.50*	
		For >128 To 320, Add	*0.30*	
		For >1,536, Deduct	*-0.13*	
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board	1.96	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0018		Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Includes clips and adhesive.		
09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	3.02	0.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Adhesive Applied Sheets, Add	*0.10*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.42*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.43*	
		For >1,536, Deduct	*-0.37*	
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	3.15	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.82*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	3.29	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.88*	
		For >128 To 320, Add	*0.50*	
		For >1,536, Deduct	*-0.38*	
09 29 10 00-0022	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	3.63	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.94*	
		For >128 To 320, Add	*0.52*	
		For >1,536, Deduct	*-0.44*	
09 29 10 00-0023	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	5.51	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.35*	
		For >128 To 320, Add	*0.73*	
		For >1,536, Deduct	*-0.70*	
09 29 10 00-0024		Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0025	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	1.77	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.55*	
		For >128 To 320, Add	*0.32*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0026	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.09	0.53
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.64*	
		For >128 To 320, Add	*0.38*	
		For >1,536, Deduct	*-0.20*	
09 29 10 00-0027	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.10	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.63*	
		For >128 To 320, Add	*0.37*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0028	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.35	0.53
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.42*	
		For >1,536, Deduct	*-0.23*	
09 29 10 00-0029		Impact Resistant Gypsum Board *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0030	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	3.58	0.53
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.94*	
		For >128 To 320, Add	*0.52*	
		For >1,536, Deduct	*-0.43*	
09 29 10 00-0031		**Abuse Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.15	0.53
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.65*	
		For >128 To 320, Add	*0.38*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0033		**Noise Reducing Gypsum Board** *(09 29 10 00-0001)*		
09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	4.34	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.60*	
		For >1,536, Deduct	*-0.54*	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.27	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.28*	
		For >128 To 320, Add	*0.70*	
		For >1,536, Deduct	*-0.68*	
09 29 10 00-0036		**Finishing Gypsum Board Applications** *(09 29 10)*		
		Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
09 29 10 00-0037		**Finish Gypsum Board Walls, ASTM C840 Level 4** *(09 29 10 00-0036)*		
09 29 10 00-0038	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.65	
		For Up To 128, Add	*0.25*	
		For >128 To 320, Add	*0.15*	
		For >5,400, Deduct	*-0.07*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.31*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.06*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.48*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.48*	
09 29 10 00-0039	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.86	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For Up To 128, Add	*0.33*	
		For >128 To 320, Add	*0.21*	
		For >5,400, Deduct	*-0.09*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.41*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.64*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0040		Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0036)*		
09 29 10 00-0041	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.84	
		For Up To 128, Add	*0.32*	
		For >128 To 320, Add	*0.20*	
		For >5,400, Deduct	*-0.08*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.40*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.20*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.62*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.62*	
09 29 10 00-0042	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.12	
		For Up To 128, Add	*0.44*	
		For >128 To 320, Add	*0.27*	
		For >5,400, Deduct	*-0.11*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.54*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.27*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.11*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.83*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.83*	
09 29 10 00-0043		Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0044	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.27	
		For ASTM C840 Level 1 Finish, Deduct	*-0.59*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.30*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.12*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.93*	
09 29 10 00-0045	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.52	
		For ASTM C840 Level 1 Finish, Deduct	*-0.72*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.36*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.12*	
09 29 10 00-0046		Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0047	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.48	
		For ASTM C840 Level 1 Finish, Deduct	*-0.70*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.35*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.14*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.09*	
09 29 10 00-0048	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.77	
		For ASTM C840 Level 1 Finish, Deduct	*-0.84*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.42*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.17*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.31*	
09 29 10 00-0049		Casing And Corner Beads *(09 29 10)*		
09 29 10 00-0050	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	3.60	0.93
		For Up To 100, Add	*0.29*	
		For >500, Deduct	*-0.18*	
09 29 10 00-0051	LF	Corner Bead, Galvanized Steel For Gypsum Board	3.38	0.93
		For Up To 100, Add	*0.24*	
		For >500, Deduct	*-0.17*	
09 29 10 00-0052		Preformed Architectural Profiles *(09 29 10)*		
09 29 10 00-0053		Trim Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0054	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.19	1.12
09 29 10 00-0055	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.22	1.12
09 29 10 00-0056	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.34	1.12
09 29 10 00-0057	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.40	1.12
09 29 10 00-0058	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.55	1.12
09 29 10 00-0059	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.70	1.12
09 29 10 00-0060	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.85	1.12
09 29 10 00-0061	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.32	1.12
09 29 10 00-0062	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.80	1.12
09 29 10 00-0063	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.32	1.21
09 29 10 00-0064	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.32	1.21
09 29 10 00-0065	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.65	1.21
09 29 10 00-0066	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.71	1.21
09 29 10 00-0067	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.92	1.21
09 29 10 00-0068	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.01	1.21
09 29 10 00-0069	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.13	1.21
09 29 10 00-0070	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.66	1.21
09 29 10 00-0071	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.20	1.21
09 29 10 00-0072	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.42	1.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0073	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.32	1.40
09 29 10 00-0074		**Edge Trim For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0075	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	3.89	1.17
09 29 10 00-0076	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	4.13	1.17
09 29 10 00-0077	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	4.81	1.29
09 29 10 00-0078	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	5.05	1.40
09 29 10 00-0079	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	6.88	1.17
09 29 10 00-0080	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	7.12	1.17
09 29 10 00-0081	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	7.80	1.29
09 29 10 00-0082	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	8.04	1.40
09 29 10 00-0083		**Bevel Trim For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0084	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	4.13	1.17
09 29 10 00-0085	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	4.72	1.29
09 29 10 00-0086		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0087	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	5.56	1.40
09 29 10 00-0088		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0089	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.88	0.75
09 29 10 00-0090	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.97	0.84
09 29 10 00-0091	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.59	0.93
09 29 10 00-0092	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.88	1.03
09 29 10 00-0093	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.14	1.12
09 29 10 00-0094	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.23	1.12
09 29 10 00-0095	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.50	1.12
09 29 10 00-0096	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.01	1.12
09 29 10 00-0097	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.19	1.12
09 29 10 00-0098	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.92	1.21
09 29 10 00-0099	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.98	1.21
09 29 10 00-0100	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.31	1.21
09 29 10 00-0101	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.45	1.21
09 29 10 00-0102	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.57	1.21
09 29 10 00-0103	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.72	1.21
09 29 10 00-0104	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.93	1.21
09 29 10 00-0105	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.47	1.21
09 29 10 00-0106	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.92	1.21
09 29 10 00-0107	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.36	1.21
09 29 10 00-0108	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	11.11	1.21
09 29 10 00-0109	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	7.82	1.21
09 29 10 00-0110	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	8.06	1.21
09 29 10 00-0111	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	8.87	1.21
09 29 10 00-0112	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	8.96	1.21
09 29 10 00-0113	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	10.13	1.21
09 29 10 00-0114	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	8.39	1.21
09 29 10 00-0115		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0116	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	6.18	1.67
09 29 10 00-0117	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	7.08	1.87
09 29 10 00-0118	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	8.07	2.24
09 29 10 00-0119	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	8.27	2.42
09 29 10 00-0120		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0121	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.62	1.12
09 29 10 00-0122	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.68	1.12
09 29 10 00-0123	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.74	1.12
09 29 10 00-0124	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.74	1.12
09 29 10 00-0125	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.01	1.12
09 29 10 00-0126	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.13	1.11
09 29 10 00-0127	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.25	1.12
09 29 10 00-0128	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.52	1.12
09 29 10 00-0129	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.97	1.12
09 29 10 00-0130	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.45	1.12
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.96	1.21
09 29 10 00-0132	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.02	1.21
09 29 10 00-0133	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.14	1.21
09 29 10 00-0134	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.41	1.21
09 29 10 00-0135	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.53	1.21
09 29 10 00-0136	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.62	1.21
09 29 10 00-0137	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.92	1.21
09 29 10 00-0138	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.40	1.21
09 29 10 00-0139	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.88	1.21
09 29 10 00-0140	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.17	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0141	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.86	1.21
09 29 10 00-0142	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.74	1.32
09 29 10 00-0143	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.25	1.62
09 29 10 00-0144	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.64	1.62
09 29 10 00-0145	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	9.73	1.11
09 29 10 00-0146	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	9.23	1.62
09 29 10 00-0147	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	6.61	1.11
09 29 10 00-0148		Special Conditions Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0149		Radius Conditions *(09 29 10 00-0148)*		
09 29 10 00-0150	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	74.87	
09 29 10 00-0151	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	74.87	
09 29 10 00-0152	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	74.87	
09 29 10 00-0153		Knee Brace Kit *(09 29 10 00-0148)*		
09 29 10 00-0154	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	167.04	11.65
09 29 10 00-0155		Wall Bumper Rail *(09 29 10 00-0148)*		
09 29 10 00-0156	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	24.29	4.66
09 29 10 00-0157		Corners For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0158	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.23	1.12
09 29 10 00-0159	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.60	1.21
09 29 10 00-0160	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.18	1.27
09 29 10 00-0161	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.87	1.32
09 29 10 00-0162	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.33	1.62
09 29 10 00-0163	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.63	1.82
09 29 10 00-0164	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	11.65	2.08
09 29 10 00-0165	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.11	2.43
09 29 10 00-0166	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	19.35	3.24
09 29 10 00-0167	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	5.21	1.08
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	9.38	1.45
09 29 10 00-0169	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	6.89	1.45
09 29 10 00-0170	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	12.01	1.45
09 29 10 00-0171	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	17.00	1.82
09 29 10 00-0172	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	16.34	1.82
09 29 10 00-0173	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	5.20	1.27
09 29 10 00-0174	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	5.22	1.21
09 29 10 00-0175	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	5.20	1.12
09 29 10 00-0176	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	5.48	1.21
09 29 10 00-0177	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.26	1.32
09 29 10 00-0178	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	6.37	1.12
09 29 10 00-0179	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	6.74	1.21
09 29 10 00-0180	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.72	1.32
09 29 10 00-0181	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	10.57	1.12
09 29 10 00-0182	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	18.34	2.43
09 29 10 00-0183	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	19.53	2.43
09 29 10 00-0184	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	36.00	4.04
09 29 10 00-0185	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	59.38	5.73
09 29 10 00-0186	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	6.21	1.25
09 29 10 00-0187	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	7.05	1.30
09 29 10 00-0188	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	8.48	1.59
09 29 10 00-0189	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.35	1.79
09 29 10 00-0190	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	14.49	2.05
09 29 10 00-0191	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	15.73	2.39
09 29 10 00-0192	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	18.03	3.18
09 29 10 00-0193	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	11.60	2.39
09 29 10 00-0194	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	11.75	2.39
09 29 10 00-0195	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	12.71	2.39
09 29 10 00-0196	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	13.01	2.39

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*
See CSI section 09 29 10 00-0036 for finishing drywall.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	6.44	2.33
		For Horizontal Installation Up To 10' High, Add	*1.58*	
		For Horizontal Installation >10' High, Add	*2.33*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.22*	
		For >128 To 320, Add	*1.34*	
		For >1,536, Deduct	*-0.50*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	7.41	2.79
		For Horizontal Installation Up To 10' High, Add	*1.90*	
		For Horizontal Installation >10' High, Add	*2.80*	
		For Walls >10' High, Add	*0.45*	
		For Up To 128, Add	*2.60*	
		For >128 To 320, Add	*1.58*	
		For >1,536, Deduct	*-0.55*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	6.51	1.79
		For Horizontal Installation Up To 10' High, Add	*1.22*	
		For Horizontal Installation >10' High, Add	*1.80*	
		For Walls >10' High, Add	*0.29*	
		For Up To 128, Add	*2.02*	
		For >128 To 320, Add	*1.19*	
		For Glass Mat Surfaces, Add	*0.29*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	7.02	1.89
		For Horizontal Installation Up To 10' High, Add	*1.28*	
		For Horizontal Installation >10' High, Add	*1.89*	
		For Walls >10' High, Add	*0.30*	
		For Up To 128, Add	*2.16*	
		For >128 To 320, Add	*1.27*	
		For Glass Mat Surfaces, Add	*0.29*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	7.88	1.89
		For Horizontal Installation Up To 10' High, Add	*1.28*	
		For Horizontal Installation >10' High, Add	*1.89*	
		For Walls >10' High, Add	*0.30*	
		For Up To 128, Add	*2.33*	
		For >128 To 320, Add	*1.35*	
		For Glass Mat Surfaces, Add	*0.29*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.40	1.98
		For Horizontal Installation Up To 10' High, Add	*1.34*	
		For Horizontal Installation >10' High, Add	*1.98*	
		For Walls >10' High, Add	*0.32*	
		For Up To 128, Add	*2.47*	
		For >128 To 320, Add	*1.43*	
		For Glass Mat Surfaces, Add	*0.29*	

09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	15.06	2.45
		For Up To 50, Add	*7.43*	
		For >50 To 250, Add	*0.98*	
		For >1,000, Deduct	*-0.49*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.08*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.24*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	12.70	2.45
		For Up To 50, Add	*6.84*	
		For >50 To 250, Add	*0.98*	
		For >1,000, Deduct	*-0.49*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.08*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	13.93	1.53
		For Up To 50, Add	*8.07*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.43*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	16.10	2.96
		For Up To 50, Add	*8.47*	
		For >50 To 250, Add	*1.19*	
		For >1,000, Deduct	*-0.59*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.24*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.40*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	13.74	2.96
		For Up To 50, Add	*7.88*	
		For >50 To 250, Add	*1.19*	
		For >1,000, Deduct	*-0.59*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.24*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.40*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	15.32	1.88
		For Up To 50, Add	*9.46*	
		For >50 To 250, Add	*1.50*	
		For >1,000, Deduct	*-0.75*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.48*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.64*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	18.09	5.14
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.89*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.05*	
		For Up To 50, Add	*12.23*	
		For >50 To 250, Add	*2.06*	
		For >1,000, Deduct	*-1.03*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	20.15	3.08
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.20*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.36*	
		For Up To 50, Add	*14.29*	
		For >50 To 250, Add	*2.47*	
		For >1,000, Deduct	*-1.23*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	10.50	2.14
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.46*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.55*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	17.55	2.14
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.46*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.55*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	19.99	2.14
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.46*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.55*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	16.92	0.47

09 30 13 00-0014 Residential Ceramic Tiling *(09 30 13)*

09 30 13 00-0015	SF	Mounted Ceramic Floor Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	9.81	2.45
		For Up To 50, Add	*6.12*	
		For >50 To 250, Add	*0.98*	
		For >1,000, Deduct	*-0.49*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.08*	
09 30 13 00-0016	SF	Mounted Ceramic Wall Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	10.85	2.96
		For Up To 50, Add	*7.16*	
		For >50 To 250, Add	*1.19*	
		For >1,000, Deduct	*-0.59*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.24*	
09 30 13 00-0017	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	10.33	2.45
		For Up To 50, Add	*6.25*	
		For >50 To 250, Add	*0.98*	
		For >1,000, Deduct	*-0.49*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.08*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile Note: With or without embedded abrasive grit.	9.86	1.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		For Up To 50, Add	*7.60*	
		For >50 To 250, Add	*1.37*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.38*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.54*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	19.04	1.72
		For Up To 50, Add	*9.90*	
		For >50 To 250, Add	*1.37*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.38*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.54*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	11.23	2.04
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.64*	
		For >1,000, Deduct	*-0.82*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.58*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.74*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	20.41	2.04
		For Up To 50, Add	*11.27*	
		For >50 To 250, Add	*1.64*	
		For >1,000, Deduct	*-0.82*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.58*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.74*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	13.70	2.26
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.53*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.62*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	28.76	2.26
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.53*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.62*	

09 30 23 Glass Mosaic Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 23 00-0001	SF	Unmounted Glass Tile	28.90	1.88

09 30 33 Stone Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 33 00-0001 Marble Floor Tile *(09 30 33)*

09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	11.44	1.53
		For Up To 50, Add	*7.45*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	11.93	1.53
		For Up To 50, Add	*7.57*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.20	1.53
		For Up To 50, Add	*7.64*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.31	1.53
		For Up To 50, Add	*7.67*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.39	1.53
		For Up To 50, Add	*7.69*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.50	1.53
		For Up To 50, Add	*7.72*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	12.77	1.53
		For Up To 50, Add	*7.78*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	14.50	1.53
		For Up To 50, Add	*8.22*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.69	1.53
		For Up To 50, Add	*8.26*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	15.05	1.53
		For Up To 50, Add	*8.35*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	15.45	1.53
		For Up To 50, Add	*8.45*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	15.73	1.53
		For Up To 50, Add	*8.52*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	16.68	1.53
		For Up To 50, Add	*8.76*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	18.47	1.53
		For Up To 50, Add	*9.21*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	18.58	1.53
		For Up To 50, Add	*9.24*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	19.91	1.53
		For Up To 50, Add	*9.57*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	20.37	1.53
		For Up To 50, Add	*9.68*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	20.56	1.53
		For Up To 50, Add	*9.73*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	20.86	1.53
		For Up To 50, Add	*9.81*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	23.33	1.53
		For Up To 50, Add	*10.42*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	24.74	1.53
		For Up To 50, Add	*10.78*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	25.12	1.53
		For Up To 50, Add	*10.87*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	25.31	1.53
		For Up To 50, Add	*10.92*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0025		Granite Floor Tile *(09 30 33)*		
09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	10.11	1.53
		For Up To 50, Add	*7.12*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.06	1.53
		For Up To 50, Add	*7.36*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	11.82	1.53
		For Up To 50, Add	*7.55*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.86	1.53
		For Up To 50, Add	*8.31*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	15.45	1.53
		For Up To 50, Add	*8.45*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	16.00	1.53
		For Up To 50, Add	*8.59*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	16.57	1.53
		For Up To 50, Add	*8.73*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	17.25	1.53
		For Up To 50, Add	*8.90*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	17.90	1.53
		For Up To 50, Add	*9.07*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	18.58	1.53
		For Up To 50, Add	*9.24*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	19.23	1.53
		For Up To 50, Add	*9.40*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	19.99	1.53
		For Up To 50, Add	*9.59*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	20.75	1.53
		For Up To 50, Add	*9.78*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	23.41	1.53
		For Up To 50, Add	*10.44*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0040		**Slate Floor Tile** *(09 30 33)*		
09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	8.97	1.53
		For Up To 50, Add	*6.83*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	9.46	1.53
		For Up To 50, Add	*6.96*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	9.73	1.53
		For Up To 50, Add	*7.02*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	9.73	1.53
		For Up To 50, Add	*7.02*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	9.92	1.53
		For Up To 50, Add	*7.07*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	10.49	1.53
		For Up To 50, Add	*7.21*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.06	1.53
		For Up To 50, Add	*7.36*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.25	1.53
		For Up To 50, Add	*7.40*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0049		**Travertine Floor Tile** *(09 30 33)*		
09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.06	1.53
		For Up To 50, Add	*7.36*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	11.63	1.53
		For Up To 50, Add	*7.50*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	12.01	1.53
		For Up To 50, Add	*7.59*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	12.58	1.53
		For Up To 50, Add	*7.74*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	12.77	1.53
		For Up To 50, Add	*7.78*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	12.96	1.53
		For Up To 50, Add	*7.83*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.78	1.53
		For Up To 50, Add	*8.29*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0057		Limestone Floor Tile *(09 30 33)*		
09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.67	1.53
		For Up To 50, Add	*8.26*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	15.24	1.53
		For Up To 50, Add	*8.40*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	18.20	1.53
		For Up To 50, Add	*9.14*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	19.99	1.53
		For Up To 50, Add	*9.59*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	19.99	1.53
		For Up To 50, Add	*9.59*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	20.56	1.53
		For Up To 50, Add	*9.73*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	22.65	1.53
		For Up To 50, Add	*10.25*	
		For >50 To 250, Add	*1.22*	
		For >1,000, Deduct	*-0.61*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.27*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.57	0.81
		For Up To 50, Add	*1.32*	
		For >50 To 250, Add	*0.25*	
		For >1,000, Deduct	*-0.12*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.78	
		For Up To 50, Add	*0.78*	
		For >50 To 250, Add	*0.16*	
		For >1,000, Deduct	*-0.08*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 LB felt and wire reinforcement.	3.82	1.63
		For Up To 50, Add	*2.79*	
		For >50 To 250, Add	*0.49*	
		For >1,000, Deduct	*-0.25*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For commercial floors. Includes 15 LB felt and wire reinforcement.	5.44	2.18
		For Up To 50, Add	*3.81*	
		For >50 To 250, Add	*0.65*	
		For >1,000, Deduct	*-0.33*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls Note: Includes 15 LB felt and expanded metal lath.	11.90	4.89
		For Up To 50, Add	*10.32*	
		For >50 To 250, Add	*1.96*	
		For >1,000, Deduct	*-0.98*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-1.95*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,243.72
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,451.57
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,164.72

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	150.69
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	145.05

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	321.10
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	649.48
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	802.72
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	583.80
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	649.48
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	693.26

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	271.09
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	271.09
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	424.33

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	4.62
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	5.38

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0023		Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.03	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001		Chemical-Resistant Ceramic Tiling *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	5.31	1.08
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*2.55*	
		For >50 To 250, Add	*0.33*	
		For >1,000, Deduct	*-0.16*	

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001		Tile Waterproofing And Crack Prevention *(09 39)*		
09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane; RedGard	117.57	
09 39 00 00-0003		Waterproof Strip Membranes (Schluter® KERDI) *(09 39)*		
09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	4.76	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	10.59	
09 39 00 00-0006		Coved Shaped Transition Profiles For Floor To Wall For Tile *(09 39)*		
09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	6.95	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	6.93	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.20	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	6.59	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	6.87	
09 39 00 00-0012		Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile *(09 39)*		
09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	14.67	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.10	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.58	
09 39 00 00-0016		Tile Substrate (Schluter® KERDI BOARD) *(09 39)*		
09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	8.43	0.66
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.50	0.75
09 39 00 00-0019		Floor Edge Protection And Transition Profiles For Tile *(09 39)*		
09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.47	
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.58	
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.70	
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.91	
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.71	
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.87	
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.99	
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.11	
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	3.65	
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	5.11	
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	4.73	
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.00	
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.26	
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.42	
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	4.91	
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.17	
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	6.34	
09 39 00 00-0037		Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*		
09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	4.88	
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.16	
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.56	
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.97	
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	5.44	
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	5.96	
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.38	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3150)	6.77	0.37
		For Up To 50, Add	*1.50*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.56*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3151)	7.02	0.37
		For Up To 50, Add	*1.54*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.81*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3152)	7.57	0.46
		For Up To 50, Add	*1.66*	
		For >50 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.60*	
		For Individual Room Quantities <495, Add	*1.02*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-6.27*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3153)	7.53	0.46
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.60*	
		For Individual Room Quantities <495, Add	*1.01*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-6.23*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8372)	12.20	0.46
		For Up To 50, Add	*2.35*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.68*	
		For >2,500 To 4,000, Deduct	*-0.31*	
		For >4,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.95*	
		For Individual Room Quantities <495, Add	*1.48*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-10.90*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8373)	12.20	0.46
		For Up To 50, Add	*2.35*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.68*	
		For >2,500 To 4,000, Deduct	*-0.31*	
		For >4,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.95*	
		For Individual Room Quantities <495, Add	*1.48*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-10.90*	
		For Ceilings >10' High, Add	*0.10*	

09 51 13 00-0009 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0010 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0009)*

Note: Includes square or tegular edge and class A fire rating.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0011	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.48	0.37
		For Up To 50, Add	*0.86*	
		For >50 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.18*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.49*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0012	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.28	0.37
		For Up To 50, Add	*0.83*	
		For >50 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.17*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.47*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0013	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.80	0.37
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.52*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.70	0.37
		For Up To 50, Add	*0.89*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.23*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	4.27	0.37
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0016	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.36	0.37
		For Up To 50, Add	*0.99*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0017	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.60	0.37
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0018	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.17	0.37
		For Up To 50, Add	*0.96*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0019	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	4.68	0.37
		For Up To 50, Add	*1.19*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0020	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	4.67	0.37
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0021	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	6.32	0.37
		For Up To 50, Add	*1.43*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0022	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	6.95	0.37
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.55*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0023	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	6.04	0.37
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.85*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0024	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	6.01	0.37
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.84*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.54*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0025	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2617)	2.84	0.37
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0026	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2627)	3.17	0.37
		For Ceilings >10' High, Add	*0.09*	

09 51 13 00-0027 Wood Fiber Panels *(09 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0028	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	4.81	0.55
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.24*	
		For >5,000, Deduct	*-0.40*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-3.15*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0029	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	4.64	0.55
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.39*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-3.15*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0030	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	6.21	0.55
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.51*	
		For Individual Room Quantities <495, Add	*0.95*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-4.55*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0031	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	6.04	0.55
		For Up To 50, Add	*1.50*	
		For >50 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.90*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-4.55*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0032	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	7.57	0.55
		For Up To 50, Add	*1.80*	
		For >50 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.46*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.61*	
		For Individual Room Quantities <495, Add	*1.09*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.91*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0033	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	7.40	0.55
		For Up To 50, Add	*1.71*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.91*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0034	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	5.63	0.55
		For Up To 50, Add	*1.51*	
		For >50 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.90*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-3.97*	
		For Ceilings >10' High, Add	*0.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0035	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	5.46	0.55
		For Up To 50, Add	*1.42*	
		For >50 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.35*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.84*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-3.97*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0036		Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*		
		Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0037	SF	Removal And Reinstallation Of Acoustical Panels Only	1.91	
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.19*	
		For Ceilings >10' High, Add	*0.14*	
09 51 23		**Acoustical Tile Ceilings** *(09 51)*		
		Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001		Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*		
09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	5.32	1.03
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.38*	
		For >2,500, Deduct	*-0.27*	
		For Ceilings >10' High, Add	*0.17*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	6.43	1.03
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.90*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
		For >2,500, Deduct	*-0.32*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.48*	
		For Ceilings >10' High, Add	*0.17*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	7.33	1.03
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.03*	
		For >50 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
		For >2,500, Deduct	*-0.37*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.48*	
		For Ceilings >10' High, Add	*0.17*	
09 51 23 00-0005		Wood Fiber Acoustical Tile Ceilings *(09 51 23)*		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	4.85	1.03
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.66*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.36*	
		For >2,500, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	21.26	0.82
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	22.78	0.82
09 51 33 13-0004		Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.67	0.93
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.95	0.93
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	53.25	0.93
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.83	0.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.57	0.93
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.25	0.93
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	52.85	0.93
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.63	0.93
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	21.51	0.93
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.46	0.93
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	58.79	0.93
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.16	0.93
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.82	0.93
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.17	0.93
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	60.81	0.93
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.87	0.93
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.39	0.93
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.09	0.93
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	57.48	0.93
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.46	0.93
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.91	0.93
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.49	0.93
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	59.60	0.93
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.36	0.93
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.24	0.93
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.71	0.93
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	49.91	0.93
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.50	0.93
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.25	0.93
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.51	0.93
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	50.01	0.93
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.50	0.93

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.52	0.70
		For Walls >10' High, Add	*3.30*	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	18.78	0.70
		For Walls >10' High, Add	*3.76*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.85	0.70
		For Walls >10' High, Add	*5.57*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	23.57	0.70
		For Walls >10' High, Add	*4.71*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.33	0.70
		For Walls >10' High, Add	*5.07*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	40.20	0.70
		For Walls >10' High, Add	*8.04*	
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	24.94	0.70
		For Walls >10' High, Add	*4.99*	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.07	0.70
		For Walls >10' High, Add	*6.21*	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.08	0.70
		For Walls >10' High, Add	*5.02*	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.25	0.70
		For Walls >10' High, Add	*6.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.21	0.70
		For Walls >10' High, Add	*5.04*	
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.13	0.70
		For Walls >10' High, Add	*6.23*	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.21	0.70
		For Walls >10' High, Add	*5.04*	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.38	0.70
		For Walls >10' High, Add	*6.28*	

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	21.47	0.70
		For Walls >10' High, Add	*4.29*	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	25.71	0.70
		For Walls >10' High, Add	*5.14*	
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	27.62	0.70
		For Walls >10' High, Add	*5.52*	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	25.91	0.70
		For Walls >10' High, Add	*5.18*	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	26.61	0.70
		For Walls >10' High, Add	*5.32*	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.22	0.70
		For Walls >10' High, Add	*5.64*	

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings ***(09 51 33)***

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.53	0.70
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.54	0.70
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.00	0.70
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.74	0.70
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.16	0.70
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.32	0.70

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies ***(09 53)***

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	3.87	0.46
		For Fastening To Concrete, Add	*1.17*	
		For Fastening To Steel, Add	*1.30*	
		For Vertical Application, Add	*1.78*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.40*	
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.10	0.46
		For UL Listed (Fire Guard), Add	*0.21*	
		For 1-1/2" Wide Faced Grid, Add	*0.39*	
		For Fastening To Concrete, Add	*1.14*	
		For Fastening To Steel, Add	*1.27*	
		For Vertical Application, Add	*1.48*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.32*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.63*	
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.18*	
		For Ceilings >10' High, Add	*0.13*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.58	0.46
		For UL Listed (Fire Guard), Add	*0.15*	
		For 1-1/2" Wide Faced Grid, Add	*0.29*	
		For Fastening To Concrete, Add	*1.13*	
		For Fastening To Steel, Add	*1.26*	
		For Vertical Application, Add	*1.36*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.28*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.46*	
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.16*	
		For Black Grid, Add	*0.13*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.41*	
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.14	0.46
		For UL Listed (Fire Guard), Add	*0.13*	
		For 1-1/2" Wide Faced Grid, Add	*0.24*	
		For Fastening To Concrete, Add	*1.10*	
		For Fastening To Steel, Add	*1.23*	
		For Vertical Application, Add	*1.30*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.24*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.38*	
		For Up To 50, Add	*0.84*	
		For >50 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.17*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.13*	
		For Black Grid, Add	*0.11*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Grid, Add	*0.34*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	1.89	0.46
		For UL Listed (Fire Guard), Add	*0.12*	
		For 1-1/2" Wide Faced Grid, Add	*0.22*	
		For Fastening To Concrete, Add	*1.08*	
		For Fastening To Steel, Add	*1.21*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.21*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.35*	
		For Up To 50, Add	*0.73*	
		For >50 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.15*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.11*	
		For Ceilings >10' High, Add	*0.08*	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.80	0.46
		For UL Listed (Fire Guard), Add	*0.19*	
		For Fastening To Concrete, Add	*1.13*	
		For Fastening To Steel, Add	*1.26*	
		For Vertical Application, Add	*1.36*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.17*	
		For Black Grid, Add	*0.16*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.31	0.46
		For UL Listed (Fire Guard), Add	*0.15*	
		For Fastening To Concrete, Add	*1.10*	
		For Fastening To Steel, Add	*1.23*	
		For Vertical Application, Add	*1.30*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.25*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*0.87*	
		For >50 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.18*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.14*	
		For Black Grid, Add	*0.13*	
		For Ceilings >10' High, Add	*0.10*	

09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.25	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.00	1.30
		For 304 Stainless Steel, Add	*2.96*	
		For 316 Stainless Steel, Add	*3.33*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.64*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	4.30	1.40
		For 304 Stainless Steel, Add	*4.50*	
		For 316 Stainless Steel, Add	*5.06*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.98*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.23	1.49
		For 304 Stainless Steel, Add	*9.01*	
		For 316 Stainless Steel, Add	*10.11*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.96*	
09 53 23 00-0014	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	5.93	0.27
09 53 23 00-0015	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum Note: Includes vertical centerl strut and four 12 gauge diagonal wires.	29.30	8.54
09 53 23 00-0016	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure	67.35	18.95
09 53 23 00-0017	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure	69.84	19.31
09 53 23 00-0018	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure	78.60	19.31

09 53 23 00-0019 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 53 23 00-0020	SF	Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4' Note: Suspension system tie wire, wall angles and bracing to remain in place.	2.57	
		For Up To 50, Add	*1.41*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.19*	
		For Ceilings >10' High, Add	*0.19*	
09 53 23 00-0021	SF	Removal And Reinstallation Of Grid System Only Note: Suspension system tie wire, wall angles and bracing to remain in place.	1.12	
		For Up To 50, Add	*0.62*	
		For >50 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.11*	
		For >2,500 To 4,000, Deduct	*-0.03*	
		For >4,000 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.08*	
		For Ceilings >10' High, Add	*0.08*	

09 54 Specialty Ceilings *(09 50)*

09 54 16 Luminous Ceilings *(09 54)*

09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

09 54 16 00-0002	SF	2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.18	0.46
		For Ceilings >10' High, Add	*0.08*	
		For >100 To 200, Deduct	*-0.15*	
		For >200 To 300, Deduct	*-0.37*	
		For >300, Deduct	*-0.64*	

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0002		0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*		
		Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	20.31	1.95
		For Up To 50, Add	*4.92*	
		For >50 To 200, Add	*2.97*	
		For >200 To 500, Add	*1.25*	
		For >2,500, Deduct	*-1.02*	
		For Ceilings >10' High, Add	*0.35*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-3.88*	
		For Curved Ceilings, Add	*1.16*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.21	1.95
		For Up To 50, Add	*4.27*	
		For >50 To 200, Add	*2.54*	
		For >200 To 500, Add	*1.04*	
		For >2,500, Deduct	*-0.81*	
		For Ceilings >10' High, Add	*0.34*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.94*	
		For Curved Ceilings, Add	*1.14*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	14.63	1.95
		For Up To 50, Add	*3.99*	
		For >50 To 200, Add	*2.36*	
		For >200 To 500, Add	*0.96*	
		For >2,500, Deduct	*-0.73*	
		For Ceilings >10' High, Add	*0.34*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.29*	
		For Curved Ceilings, Add	*1.12*	
09 54 23 00-0006		Tin Ceilings *(09 54 23)*		
09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	20.97	3.03
		For Up To 50, Add	*4.61*	
		For >50 To 200, Add	*2.83*	
		For >200 To 500, Add	*1.23*	
		For >2,500, Deduct	*-1.05*	
		For Ceilings >10' High, Add	*0.27*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	31.46	1.95
		For Up To 50, Add	*6.26*	
		For >50 To 200, Add	*3.92*	
		For >200 To 500, Add	*1.77*	
		For >2,500, Deduct	*-1.57*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	22.68	1.95
		For Up To 50, Add	*4.94*	
		For >50 To 200, Add	*3.04*	
		For >200 To 500, Add	*1.33*	
		For >2,500, Deduct	*-1.13*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	20.82	1.95
		For Up To 50, Add	*4.54*	
		For >50 To 200, Add	*2.79*	
		For >200 To 500, Add	*1.22*	
		For >2,500, Deduct	*-1.04*	
		For Ceilings >10' High, Add	*0.27*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	18.16	1.46
		For Up To 50, Add	*3.96*	
		For >50 To 200, Add	*2.44*	
		For >200 To 500, Add	*1.06*	
		For >2,500, Deduct	*-0.91*	
		For Ceilings >10' High, Add	*0.23*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	13.33	2.93
09 54 23 00-0013	LF	6" Wide Embossed Molding	16.89	3.42
09 54 23 00-0014	LF	12" Wide Embossed Molding	22.81	4.01
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	38.18	9.27
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	53.87	10.84

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001 High Impact Ceilings *(09 57 63)*

09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	6.57	0.93
		For Ceilings >10' High, Add	*0.11*	
09 57 63 00-0003	EA	High Impact Clips	3.65	0.75
		For Ceilings >10' High, Add	*0.17*	

09 60 Flooring *(09)*

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 61 13 00-0001		**Anti-Slip Tape** *(09 61 13)* Note: Grit sandpaper surface with adhesive back.		
09 61 13 00-0002	LF	1" Anti-Slip Tape	2.58	1.86
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.32	2.05
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.05	2.26
09 61 13 00-0005	LF	4" Anti-Slip Tape	4.72	2.48
09 61 13 00-0006	LF	6" Anti-Slip Tape	6.11	2.73
09 61 13 00-0007	LF	12" Anti-Slip Tape	10.82	4.09
09 61 13 00-0008	LF	24" Anti-Slip Tape	15.25	6.14

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001		**Clay Bricks** *(09 63 13)*		
09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	25.85	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	29.21	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	16.38	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	19.43	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	17.75	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	21.79	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	19.06	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	24.18	8.65
		For Basket Weave Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.46*	
		For Epoxy Joints, Add	*4.80*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001		**Cupric Oxychloride Cement, Seamless Flooring System** *(09 63 43)* Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	16.39	4.70

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001		**Wood Flooring Underlayment** *(09 64 13)*		
09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.42	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.44	
09 64 13 00-0004	SF	30 LB, Waxed Paper, Wood Flooring Underlayment	0.47	
09 64 13 00-0005	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.51	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.47	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.52	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.16	0.29
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.26	0.29
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.79	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	0.99	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.08	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.32	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.34	0.19

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 **Hardwood Parquet Flooring** *(09 64 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	11.43	0.93
		For Up To 20, Add	*4.34*	
		For >20 To 50, Add	*2.31*	
		For >50 To 100, Add	*1.15*	
		For >100 To 300, Add	*0.58*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	12.83	0.93
		For Factory Finish, Add	*0.86*	
		For Random Width Floor, Add	*3.00*	
		For Up To 20, Add	*3.81*	
		For >20 To 50, Add	*2.12*	
		For >50 To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	9.99	0.93
		For Factory Finish, Add	*0.45*	
		For Random Width Floor, Add	*2.22*	
		For Up To 20, Add	*3.96*	
		For >20 To 50, Add	*2.10*	
		For >50 To 100, Add	*1.05*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.58	0.93
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.37*	
		For Up To 20, Add	*4.05*	
		For >20 To 50, Add	*2.15*	
		For >50 To 100, Add	*1.08*	
		For >100 To 300, Add	*0.54*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	11.46	0.93
		For Factory Finish, Add	*0.60*	
		For Random Width Floor, Add	*2.59*	
		For Up To 20, Add	*4.19*	
		For >20 To 50, Add	*2.24*	
		For >50 To 100, Add	*1.12*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	8.90	0.93
		For Factory Finish, Add	*0.47*	
		For Random Width Floor, Add	*2.02*	
		For Up To 20, Add	*3.22*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.86*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	9.37	0.93
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.13*	
		For Up To 20, Add	*3.29*	
		For >20 To 50, Add	*1.78*	
		For >50 To 100, Add	*0.89*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	10.27	0.93
		For Factory Finish, Add	*0.61*	
		For Random Width Floor, Add	*2.36*	
		For Up To 20, Add	*3.43*	
		For >20 To 50, Add	*1.87*	
		For >50 To 100, Add	*0.93*	
		For >100 To 300, Add	*0.47*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.09	0.93
		For Factory Finish, Add	*0.46*	
		For Random Width Floor, Add	*2.25*	
		For Up To 20, Add	*3.98*	
		For >20 To 50, Add	*2.11*	
		For >50 To 100, Add	*1.05*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	10.68	0.93
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.40*	
		For Up To 20, Add	*4.07*	
		For >20 To 50, Add	*2.16*	
		For >50 To 100, Add	*1.08*	
		For >100 To 300, Add	*0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.56	0.93
		For Factory Finish, Add	*0.61*	
		For Random Width Floor, Add	*2.62*	
		For Up To 20, Add	*4.20*	
		For >20 To 50, Add	*2.25*	
		For >50 To 100, Add	*1.13*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	8.99	0.93
		For Factory Finish, Add	*0.48*	
		For Random Width Floor, Add	*2.04*	
		For Up To 20, Add	*3.23*	
		For >20 To 50, Add	*1.74*	
		For >50 To 100, Add	*0.87*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	9.58	0.93
		For Factory Finish, Add	*0.54*	
		For Random Width Floor, Add	*2.19*	
		For Up To 20, Add	*3.32*	
		For >20 To 50, Add	*1.80*	
		For >50 To 100, Add	*0.90*	
		For >100 To 300, Add	*0.45*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	10.37	0.93
		For Factory Finish, Add	*0.62*	
		For Random Width Floor, Add	*2.38*	
		For Up To 20, Add	*3.44*	
		For >20 To 50, Add	*1.88*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0018		Unfinished Maple, Wood Strip Flooring *(09 64 29)*		
09 64 29 00-0019		25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*		
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.24	0.93
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.79*	
		For Up To 20, Add	*4.30*	
		For >20 To 50, Add	*2.32*	
		For >50 To 100, Add	*1.16*	
		For >100 To 300, Add	*0.58*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.26	0.93
		For Factory Finish, Add	*0.58*	
		For Random Width Floor, Add	*2.54*	
		For Up To 20, Add	*4.16*	
		For >20 To 50, Add	*2.22*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	11.35	0.93
		For Factory Finish, Add	*0.72*	
		For Random Width Floor, Add	*2.63*	
		For Up To 20, Add	*3.59*	
		For >20 To 50, Add	*1.97*	
		For >50 To 100, Add	*0.99*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	10.37	0.93
		For Factory Finish, Add	*0.62*	
		For Random Width Floor, Add	*2.38*	
		For Up To 20, Add	*3.44*	
		For >20 To 50, Add	*1.88*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0024		33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*		
09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.36	0.93
		For Factory Finish, Add	*0.89*	
		For Random Width Floor, Add	*3.32*	
		For Up To 20, Add	*4.62*	
		For >20 To 50, Add	*2.53*	
		For >50 To 100, Add	*1.27*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.05	0.93
		For Factory Finish, Add	*0.76*	
		For Random Width Floor, Add	*2.99*	
		For Up To 20, Add	*4.42*	
		For >20 To 50, Add	*2.40*	
		For >50 To 100, Add	*1.20*	
		For >100 To 300, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	13.60	0.93
		For Factory Finish, Add	*0.94*	
		For Random Width Floor, Add	*3.19*	
		For Up To 20, Add	*3.93*	
		For >20 To 50, Add	*2.20*	
		For >50 To 100, Add	*1.10*	
		For >100 To 300, Add	*0.55*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	12.29	0.93
		For Factory Finish, Add	*0.81*	
		For Random Width Floor, Add	*2.86*	
		For Up To 20, Add	*3.73*	
		For >20 To 50, Add	*2.07*	
		For >50 To 100, Add	*1.03*	
		For >100 To 300, Add	*0.52*	

09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.41	0.93
		For Up To 20, Add	*3.96*	
		For >20 To 50, Add	*2.27*	
		For >50 To 100, Add	*1.14*	
		For >100 To 300, Add	*0.57*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	15.41	0.93
		For Up To 20, Add	*3.96*	
		For >20 To 50, Add	*2.27*	
		For >50 To 100, Add	*1.14*	
		For >100 To 300, Add	*0.57*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	14.90	0.93
		For Up To 20, Add	*3.88*	
		For >20 To 50, Add	*2.22*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	15.29	0.93
		For Up To 20, Add	*3.94*	
		For >20 To 50, Add	*2.26*	
		For >50 To 100, Add	*1.13*	
		For >100 To 300, Add	*0.57*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors Applied On Existing Subfloor *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	13.96	4.66
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	16.91	4.85
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 64 66 00-0004 Wood Gym/Stage/Dance Floor Systems *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	18.72	6.06
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.	19.92	6.06
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.	22.55	6.06
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus) Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.	21.36	6.06
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 64 66 00-0009	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.	23.91	6.06
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*
Note: Includes inside and outside corners.

09 65 13 13-0002	LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	2.95	0.96
		For Up To 20, Add	*1.21*	
		For >20 To 40, Add	*0.68*	
		For >40 To 80, Add	*0.24*	
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 13-0003	LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	3.35	0.96
		For Up To 20, Add	*1.27*	
		For >20 To 40, Add	*0.72*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.24*	
		For >960, Deduct	*-0.36*	
09 65 13 13-0004	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.20	0.96
		For Up To 20, Add	*1.39*	
		For >20 To 40, Add	*0.80*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.49*	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*
Note: Includes inside and outside corners.

09 65 13 13-0006	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	3.21	0.96
		For Up To 20, Add	*1.25*	
		For >20 To 40, Add	*0.70*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.23*	
		For >960, Deduct	*-0.34*	
09 65 13 13-0007	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	3.50	0.96
		For Up To 20, Add	*1.29*	
		For >20 To 40, Add	*0.73*	
		For >40 To 80, Add	*0.27*	
		For >240 To 960, Deduct	*-0.25*	
		For >960, Deduct	*-0.38*	
09 65 13 13-0008	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.33	0.96
		For Up To 20, Add	*1.41*	
		For >20 To 40, Add	*0.82*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.34*	
		For >960, Deduct	*-0.51*	
09 65 13 13-0009	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.48	0.96
		For Up To 20, Add	*1.59*	
		For >20 To 40, Add	*0.93*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.68*	
09 65 13 13-0010	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.73	0.96
		For Up To 20, Add	*1.62*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	
09 65 13 13-0011	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.02	0.96
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.61*	
		For >960, Deduct	*-0.91*	
09 65 13 13-0012	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.59	0.96
		For Up To 20, Add	*2.20*	
		For >20 To 40, Add	*1.34*	
		For >40 To 80, Add	*0.58*	
		For >240 To 960, Deduct	*-0.86*	
		For >960, Deduct	*-1.30*	

09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*
Note: Includes inside and outside corners.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0014		LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	3.53	1.15
			For Up To 20, Add	*1.29*	
			For >20 To 40, Add	*0.74*	
			For >40 To 80, Add	*0.27*	
			For >240 To 960, Deduct	*-0.26*	
			For >960, Deduct	*-0.39*	
09 65 13 13-0015		LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	3.55	0.96
			For Up To 20, Add	*1.30*	
			For >20 To 40, Add	*0.74*	
			For >40 To 80, Add	*0.27*	
			For >240 To 960, Deduct	*-0.26*	
			For >960, Deduct	*-0.39*	
09 65 13 13-0016		LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.13	1.15
			For Up To 20, Add	*1.69*	
			For >20 To 40, Add	*0.97*	
			For >40 To 80, Add	*0.37*	
			For >240 To 960, Deduct	*-0.40*	
			For >960, Deduct	*-0.60*	

09 65 13 23 Resilient Stair Treads and Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003		LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	13.17	1.53
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004		LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	14.16	1.65
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005		LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	17.26	1.76
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007		LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	12.39	1.53
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008		LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	13.21	1.65
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009		LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	16.10	1.77
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

09 65 13 23-0011		LF	1/8" Thick, Smooth Surface Rubber Stair Riser	7.23	0.92

09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*

09 65 13 23-0013		SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	23.61	1.42
09 65 13 23-0014		SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	28.41	1.53
09 65 13 23-0015		SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	31.01	1.72

09 65 13 23-0016 Vinyl Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0017 Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*

09 65 13 23-0018		LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	15.61	1.40
			For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019		LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	17.29	1.53
			For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020		LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	21.02	1.65
			For Abrasive Strip, Add	*2.75*	

09 65 13 23-0021 Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*

09 65 13 23-0022		LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	8.54	0.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.51	0.77
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.37	0.77
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	0.96	
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		Vinyl Transition Strip *(09 65 13 36)*		
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	1.67	0.70
		For >240 To 960, Deduct	*-0.12*	
		For >960, Deduct	*-0.18*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	1.52	0.70
		For >240 To 960, Deduct	*-0.10*	
		For >960, Deduct	*-0.16*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.34	0.70
		For >240 To 960, Deduct	*-0.09*	
		For >960, Deduct	*-0.13*	
09 65 13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	2.66	0.96
		For Up To 20, Add	*1.01*	
		For >20 To 40, Add	*0.57*	
		For >40 To 80, Add	*0.21*	
		For >240 To 960, Deduct	*-0.19*	
		For >960, Deduct	*-0.28*	
09 65 13 36-0006		Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*		
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.39	0.96
		For Up To 20, Add	*1.12*	
		For >20 To 40, Add	*0.65*	
		For >40 To 80, Add	*0.25*	
		For >240 To 960, Deduct	*-0.26*	
		For >960, Deduct	*-0.39*	
09 65 13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.39	0.96
		For Up To 20, Add	*1.12*	
		For >20 To 40, Add	*0.65*	
		For >40 To 80, Add	*0.25*	
		For >240 To 960, Deduct	*-0.26*	
		For >960, Deduct	*-0.39*	
09 65 13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	4.21	0.96
		For Up To 20, Add	*1.24*	
		For >20 To 40, Add	*0.73*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.34*	
		For >960, Deduct	*-0.52*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	7.13	0.96
		For Up To 20, Add	*1.68*	
		For >20 To 40, Add	*1.02*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.64*	
		For >960, Deduct	*-0.95*	
09 65 13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	7.15	0.96
		For Up To 20, Add	*1.68*	
		For >20 To 40, Add	*1.02*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.64*	
		For >960, Deduct	*-0.96*	
09 65 13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	4.64	0.96
		For Up To 20, Add	*1.31*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.39*	
		For >960, Deduct	*-0.58*	
09 65 13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	6.95	0.96
		For Up To 20, Add	*1.65*	
		For >20 To 40, Add	*1.00*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.62*	
		For >960, Deduct	*-0.93*	
09 65 13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	7.21	0.96
		For Up To 20, Add	*1.69*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.64*	
		For >960, Deduct	*-0.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	6.03	0.96
		For Up To 20, Add	*1.52*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.53*	
		For >960, Deduct	*-0.79*	
09 65 13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	6.61	0.96
		For Up To 20, Add	*1.60*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.58*	
		For >960, Deduct	*-0.88*	
09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	7.21	0.96
		For Up To 20, Add	*1.69*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.64*	
		For >960, Deduct	*-0.97*	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	5.92	0.96
		For Up To 20, Add	*1.50*	
		For >20 To 40, Add	*0.90*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.52*	
		For >960, Deduct	*-0.77*	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	4.96	0.96
		For Up To 20, Add	*1.36*	
		For >20 To 40, Add	*0.80*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.42*	
		For >960, Deduct	*-0.63*	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	7.41	0.96
		For Up To 20, Add	*1.72*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.66*	
		For >960, Deduct	*-1.00*	
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	9.63	0.96
		For Up To 20, Add	*2.06*	
		For >20 To 40, Add	*1.27*	
		For >40 To 80, Add	*0.56*	
		For >240 To 960, Deduct	*-0.89*	
		For >960, Deduct	*-1.33*	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	4.81	0.96
		For Up To 20, Add	*1.33*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.40*	
		For >960, Deduct	*-0.61*	
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	4.88	0.96
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.62*	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	5.58	0.96
		For Up To 20, Add	*1.45*	
		For >20 To 40, Add	*0.86*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®)	10.15	0.57
		For Up To 40, Add	*3.55*	
		For >40 To 100, Add	*1.78*	
		For >1,000, Deduct	*-0.90*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medley™)	8.22	0.57
		For Up To 40, Add	*3.17*	
		For >40 To 100, Add	*1.58*	
		For >1,000, Deduct	*-0.71*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®)	5.24	0.57
		For Up To 40, Add	*2.57*	
		For >40 To 100, Add	*1.28*	
		For >1,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™)	6.91	0.57
		For Up To 40, Add	*2.90*	
		For >40 To 100, Add	*1.45*	
		For >1,000, Deduct	*-0.57*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®)	9.37	0.57
		For Up To 40, Add	*3.40*	
		For >40 To 100, Add	*1.70*	
		For >1,000, Deduct	*-0.82*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®)	13.09	0.57
		For Up To 40, Add	*4.14*	
		For >40 To 100, Add	*2.07*	
		For >1,000, Deduct	*-1.19*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	5.52	
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	5.93	

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	12.80	

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	3.76	
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.33	
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	5.24	
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	2.48	

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	2.69	1.15
		For >1,000 To 3,000, Deduct	*-0.06*	
		For >3,000 To 6,000, Deduct	*-0.16*	
		For >6,000, Deduct	*-0.29*	
		For 3/32" Thick, Deduct	*-0.13*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	2.61	1.15
		For >1,000 To 3,000, Deduct	*-0.06*	
		For >3,000 To 6,000, Deduct	*-0.15*	
		For >6,000, Deduct	*-0.28*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	2.61	1.15
		For >1,000 To 3,000, Deduct	*-0.06*	
		For >3,000 To 6,000, Deduct	*-0.15*	
		For >6,000, Deduct	*-0.28*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	3.71	1.15
		For >1,000 To 3,000, Deduct	*-0.08*	
		For >3,000 To 6,000, Deduct	*-0.20*	
		For >6,000, Deduct	*-0.35*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	3.72	1.15
		For >1,000 To 3,000, Deduct	*-0.08*	
		For >3,000 To 6,000, Deduct	*-0.20*	
		For >6,000, Deduct	*-0.35*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	3.93	1.15
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.21*	
		For >6,000, Deduct	*-0.36*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	3.96	1.15
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.21*	
		For >6,000, Deduct	*-0.37*	
		For Extra Stock, Material Only, Deduct	*-1.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	4.09	1.15
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.21*	
		For >6,000, Deduct	*-0.37*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.29	1.15
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.26*	
		For >6,000, Deduct	*-0.45*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	5.77	1.15
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.47*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 19-0012		Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*		
		Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.		
09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	16.99	1.15
		For >1,000 To 3,000, Deduct	*-0.35*	
		For >3,000 To 6,000, Deduct	*-0.76*	
		For >6,000, Deduct	*-1.24*	
		For Extra Stock, Material Only, Deduct	*-2.28*	
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Soild Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	13.70	1.15
		For Up To 20, Add	*3.02*	
		For >20 To 40, Add	*1.85*	
		For >40 To 80, Add	*0.81*	
		For >1,000 To 3,000, Deduct	*-0.29*	
		For >3,000 To 6,000, Deduct	*-0.63*	
		For >6,000, Deduct	*-1.04*	
		For Extra Stock, Material Only, Deduct	*-2.28*	
09 65 19 23		**Vinyl Tile Flooring** *(09 65 19)*		
09 65 19 23-0001		Vinyl Tile *(09 65 19 23)*		
		Note: Any size.		
09 65 19 23-0002		Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*		
		Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.46	1.15
		For Up To 20, Add	*1.75*	
		For >20 To 40, Add	*1.04*	
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.56*	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.62	1.15
		For Up To 20, Add	*1.78*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.57*	
09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	6.74	1.15
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.58*	
09 65 19 23-0006		Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*		
09 65 19 23-0007	SF	2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico)	12.28	1.15
		For Up To 20, Add	*2.63*	
		For >20 To 40, Add	*1.62*	
		For >40 To 80, Add	*0.71*	
		For >1,000 To 3,000, Deduct	*-0.26*	
		For >3,000 To 6,000, Deduct	*-0.56*	
		For >6,000, Deduct	*-0.91*	
09 65 19 33		**Rubber Tile Flooring** *(09 65 19)*		
09 65 19 33-0001		Rubber Tile *(09 65 19 33)*		
09 65 19 33-0002		Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*		
09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs	20.89	0.70
		Note: Smooth, raised disc or other patterned surface.		
		For Up To 100, Add	*1.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	25.43	0.77
		For Up To 100, Add	*1.35*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	28.24	0.92
		For Up To 100, Add	*1.50*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*

Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	5.56	1.15
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.27*	
		For >6,000, Deduct	*-0.46*	
		For Extra Stock, Material Only, Deduct	*-1.35*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	4.24	1.15
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.38*	
		For Extra Stock, Material Only, Deduct	*-1.35*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring *(09 65 23)*

09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	7.53	0.57
		For Up To 40, Add	*3.03*	
		For >40 To 100, Add	*1.51*	
		For >1,000, Deduct	*-0.64*	
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	9.58	0.57
		For Up To 40, Add	*3.44*	
		For >40 To 100, Add	*1.72*	
		For >1,000, Deduct	*-0.84*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	10.85	0.57
		For Up To 40, Add	*3.69*	
		For >40 To 100, Add	*1.85*	
		For >1,000, Deduct	*-0.97*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	6.23	1.15
09 65 43 00-0003	SF	2.5 mm, Linoleum Sheet (Forbo Marmoleum)	4.72	0.57
		For 3.2mm Thickness, Add	*0.71*	
		For 2mm Thickness, Deduct	*-0.34*	
09 65 43 00-0004	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	5.53	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	6.98	0.53
		For Colors, Add	*1.24*	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	8.10	0.68
		For Colors, Add	*1.43*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	9.29	1.08
		For Colors, Add	*1.55*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	13.58	1.30
		For Colors, Add	*2.35*	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	37.98	0.53
		For Colors, Add	*4.65*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	55.04	0.53
		For Colors, Add	*6.78*	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	40.12	0.53
		For Colors, Add	*4.92*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	49.43	0.53
		For Colors, Add	*6.08*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	41.27	0.53
		For Colors, Add	*5.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 66 00-0012		Sheet Goods For Gym *(09 65 66)*		
09 65 66 00-0013	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	15.60	2.30
09 65 66 00-0014	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	16.52	2.38
09 65 66 00-0015	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	17.33	2.46
09 65 66 00-0016	SF	1/8" Rubber Sheet Good For Gym Floor Base	4.11	1.88
09 65 66 00-0017	SF	3/16" Rubber Sheet Good For Gym Floor Base	4.62	2.15
09 65 66 00-0018	SF	1/4" Rubber Sheet Good For Gym Floor Base	5.35	2.30
09 65 66 00-0019	SF	3/8" Rubber Sheet Good For Gym Floor Base	5.90	2.46
09 65 66 00-0020	SF	1/2" Rubber Sheet Good For Gym Floor Base	6.26	2.61
09 65 66 00-0021		Polyurethane Floor Systems *(09 65 66)*		
		See CSI section 09 93 23 53-0015 for game lines.		
09 65 66 00-0022	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	20.81	1.53

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001		Floors Not Bonded To Concrete *(09 66 13 13)*		
		Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	29.20	2.53
		For Venetian Type Terrazzo, Add	*7.85*	
		For Abrasive Heavy Duty Terrazzo, Add	*7.85*	
		For Colors, Add	*3.93*	
		For Up To 100, Add	*6.97*	
		For >100 To 250, Add	*3.49*	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	29.35	2.53
		For Venetian Type Terrazzo, Add	*7.93*	
		For Abrasive Heavy Duty Terrazzo, Add	*7.93*	
		For Colors, Add	*3.96*	
		For Up To 100, Add	*6.99*	
		For >100 To 250, Add	*3.49*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001		Monolithic Terrazzo *(09 66 13 16)*		
09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	16.33	2.53
		Note: Including Mesh And Felt		
		For Venetian Type Terrazzo, Add	*5.72*	
		For Abrasive Heavy Duty Terrazzo, Add	*5.72*	
		For Colors, Add	*2.86*	
		For Up To 100, Add	*3.10*	
		For >100 To 250, Add	*1.55*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001		Floors Bonded To Concrete *(09 66 13 19)*		
		Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	23.33	2.53
		For Venetian Type Terrazzo, Add	*6.48*	
		For Abrasive Heavy Duty Terrazzo, Add	*6.48*	
		For Colors, Add	*3.24*	
		For Up To 100, Add	*5.44*	
		For >100 To 250, Add	*2.72*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	23.48	2.53
		For Venetian Type Terrazzo, Add	*6.56*	
		For Abrasive Heavy Duty Terrazzo, Add	*6.56*	
		For Colors, Add	*3.28*	
		For Up To 100, Add	*5.46*	
		For >100 To 250, Add	*2.73*	
09 66 13 19-0004		Terrazzo Wainscot *(09 66 13 19)*		
09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	30.86	3.37
		For Venetian Type Terrazzo, Add	*4.19*	
09 66 13 19-0006		Terrazzo Base *(09 66 13 19)*		
09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	30.84	2.26
		For Venetian Type Terrazzo, Add	*9.15*	
09 66 13 19-0008		Terrazzo Curb *(09 66 13 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	74.59	15.06
		For Venetian Type Terrazzo, Add	*12.20*	
09 66 13 19-0010		**Stairs Cast In Place** *(09 66 13 19)*		
		Note: Topping applied to concrete or metal.		
09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	31.38	5.05
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	77.94	16.85
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	31.84	5.05
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0014		**Divider Strips** *(09 66 13 19)*		
09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	5.62	0.84
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	5.31	0.84
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	8.84	0.84
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	13.37	0.84
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	5.33	0.84
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	8.18	0.84
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	4.10	0.84
09 66 16		**Terrazzo Floor Tile** *(09 66)*		
09 66 16 13		**Portland Cement Terrazzo Floor Tile** *(09 66 16)*		
09 66 16 13-0001		**Flooring Tiles** *(09 66 16 13)*		
		Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002		**Terrazzo Tiles With Non Slip Surface** *(09 66 16 13-0001)*		
09 66 16 13-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	26.31	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	26.97	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	31.29	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	33.60	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	35.31	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		**Terrazzo Tile Thin Set** *(09 66 16 13-0001)*		
09 66 16 13-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	26.11	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	27.90	2.35
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		**Thin Set Terrazzo Wainscot** *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	38.09	4.51
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	43.34	4.51
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		**Thin Set Terrazzo Base, Gray Cement** *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	12.90	2.26
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	14.56	2.26
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	15.14	2.26
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	15.97	2.26
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		Terrazzo Curbs *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	25.06	3.02
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	24.23	3.02
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		Precast Terrazzo Stair Treads 12" Wide *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	65.57	3.02
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	55.62	3.02
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	48.99	3.02
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	57.53	3.02
09 66 16 13-0027		Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	29.30	2.26
09 66 16 13-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	34.28	2.26
09 66 16 13-0030		Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	43.65	2.26
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	46.97	2.26
09 66 16 13-0033		Tread And Riser *(09 66 16 13)*		
09 66 16 13-0034		Stair Stringers, Notched For Treads And Risers *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	72.57	6.02
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	87.77	6.02
09 66 16 13-0037		Structural Non-Slip Landings *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip	52.47	3.02
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	64.92	3.02
09 66 16 13-0040		Combined Tread And Riser *(09 66 16 13-0033)*		
09 66 16 13-0041		Straight Sections *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	116.01	6.02
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	139.22	6.02
09 66 16 13-0044		Curved Sections *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	146.12	6.02
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	185.91	6.02
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*		
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*		
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	22.33	2.53
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*		
		Note: For anti-static areas.		
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*		
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial	22.79	3.77
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial	41.99	3.77
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*		
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	17.33	3.77
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial	30.42	3.77
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*		
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	19.31	3.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	37.67	3.77
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	28.46	3.77
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	32.07	3.77

09 67 Fluid-Applied Flooring *(09 60)*

09 67 16 Epoxy-Marble Chip Flooring *(09 67)*

09 67 16 00-0001 Epoxy Marble Chip Flooring *(09 67 16)*

09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.	15.61	2.53
		For Skid Resistant Abrasive Sand Finish, Add	*0.08*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.08*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy Note: Includes primer, 3/16" marble chip coat and top seal coat.	16.74	2.53
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*	

09 67 23 Resinous Flooring *(09 67)*

09 67 23 00-0001 Epoxy Resin Flooring *(09 67 23)*

Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.

09 67 23 00-0002	SF	3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color).	11.52	5.73
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*2.21*	
		For >500 To 1,000, Add	*1.39*	
		For >1,000 To 2,000, Add	*0.70*	
		For >10,000, Deduct	*-0.74*	
09 67 23 00-0003	SF	3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color).	17.28	5.73
		For Skid Resistant Abrasive Sand Finish, Add	*0.11*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.11*	
		For Up To 500, Add	*3.65*	
		For >500 To 1,000, Add	*2.26*	
		For >1,000 To 2,000, Add	*1.13*	
		For >10,000, Deduct	*-1.03*	
09 67 23 00-0004	SF	1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	13.73	6.40
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*2.59*	
		For >500 To 1,000, Add	*1.64*	
		For >1,000 To 2,000, Add	*0.82*	
		For >10,000, Deduct	*-0.90*	
09 67 23 00-0005	SF	1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	20.34	6.40
		For Skid Resistant Abrasive Sand Finish, Add	*0.12*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.12*	
		For Up To 500, Add	*4.24*	
		For >500 To 1,000, Add	*2.63*	
		For >1,000 To 2,000, Add	*1.32*	
		For >10,000, Deduct	*-1.23*	
09 67 23 00-0006	SF	3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	15.51	7.16
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*	
		For Up To 500, Add	*2.94*	
		For >500 To 1,000, Add	*1.86*	
		For >1,000 To 2,000, Add	*0.93*	
		For >10,000, Deduct	*-1.01*	
09 67 23 00-0007	SF	3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	22.52	7.16
		For Skid Resistant Abrasive Sand Finish, Add	*0.13*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.13*	
		For Up To 500, Add	*4.69*	
		For >500 To 1,000, Add	*2.91*	
		For >1,000 To 2,000, Add	*1.46*	
		For >10,000, Deduct	*-1.36*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0002		Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*		
09 68 13 00-0003		15 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0004	SY	COMPANION STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.94	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0005	SY	CORRESPOND STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.94	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0006	SY	PARTNER STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.94	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0007	SY	CENTRIC ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.32	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0008	SY	SURROUND ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.32	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0009	SY	GLAZE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0010	SY	TRANSPARENT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.11	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0011	SY	CLEAR ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.11	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0012	SY	DIRECTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.29	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0013	SY	REVERSE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.29	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0014	SY	SHAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.29	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0015	SY	ARRANGE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	27.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0016	SY	ARRAY STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	27.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0017	SY	OFFSET STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	27.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0018	SY	STRUCTURE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	27.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0019	SY	POURED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	32.45	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0020	SY	STACKED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	32.45	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0021	SY	COMMONS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.26	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0022	SY	MAKERSPACE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.26	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0023	SY	QUAD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.26	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0024	SY	DIFFUSE 24" X 24" ECOLOGIX® 15 Ounce, Patterned, Nylon Carpet Tile	36.07	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0025	SY	DIFFUSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0026	SY	DISPERSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0027	SY	DISPERSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.76	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0028	SY	DIFFUSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.01	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0029	SY	INFINITE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.82	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0030	SY	VAST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.82	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0031	SY	TANGLE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.41	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0032	SY	TEMPT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.41	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0033	SY	ENGAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.69	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0034	SY	THINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.69	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0035	SY	DIFFUSE 24" X 24" ECOLOGIX® ES 15 Ounce, Patterned, Nylon Carpet Tile	38.79	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0036	SY	SCAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.80	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0037	SY	REALM ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.88	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0038	SY	SEA ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.45	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0039	SY	SEA EDGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.45	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0040	SY	SKY ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.45	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0041	SY	CENTRAL LINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.22	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0042	SY	CITY CENTRAL ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.22	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0043	SY	BOUNDLESS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0044	SY	SOURCE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0045	SY	UNDERTONE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.51	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0046	SY	HYBRID ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.49	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0047	SY	CATALYST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.49	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0048	SY	EMBARK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0049	SY	TINGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.64	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0050	SY	IMPACT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.00	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0051	SY	ALLURE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0052	SY	GLIMMER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0053	SY	SHINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0054	SY	BASALT II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0055	SY	FAULT LINES II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0056	SY	GRAVEL II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0057	SY	PAVERS II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0058	SY	CONNECT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.76	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0059	SY	FIELD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.60	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0060	SY	BYLINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.91	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0061	SY	COLOR FORM 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0062	SY	LINAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.97	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0063	SY	LINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.97	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0064	SY	BALANCE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.82	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0065	SY	FOCUS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0066	SY	WANDER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	41.76	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0067	SY	EMOTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.44	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0068	SY	STRAIGHTFORWARD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0069 18 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0070	SY	BELONG ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	33.14	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0071	SY	EASE 9" X 36" ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	35.81	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0072	SY	INTERLUDE ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	35.81	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0073	SY	CHALET 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	36.26	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0074	SY	ANALOG 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	41.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0075	SY	DISTORT 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	41.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0076	SY	FRINGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0077	SY	GLITCH 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	41.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0078	SY	HAZE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0079	SY	MANIPULATE 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	41.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0080	SY	VAPOR ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0081	SY	CONSTRUCT ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.13	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0082	SY	COPY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.13	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0083	SY	ROTATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.13	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0084	SY	ACHROMATIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0085	SY	DUOTONE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0086	SY	SATURATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0087	SY	VALUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0088	SY	KINETIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	45.00	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0089	SY	IGNITE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	45.33	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0090	SY	STILL ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile (DELETE)	45.33	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0091	SY	MERGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	46.08	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0092	SY	MINIMAL ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	46.08	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0093	SY	DREAM ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	33.40	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0094	SY	MEMORY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	33.59	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0095	SY	CAPTIVATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	38.93	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0096	SY	INTRIGUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.34	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0097	SY	MIRROR IMAGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0098	SY	PRISMA ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.93	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0099		20 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0100	SY	AWARE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	37.88	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0101	SY	CONSCIOUS 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	37.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0102	SY	INTENTION 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	37.72	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0103	SY	PRESENT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	37.88	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0104	SY	MOMENTUM IV ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	36.05	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0105	SY	GRADIENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	39.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0106	SY	PETO II 20 ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.20	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0107	SY	FLAT WEAVE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0108	SY	HEDDLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0109	SY	CONVENE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0110	SY	ESTABLISH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0111	SY	SUPPORT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0112	SY	AWARE 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.79	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0113	SY	CONSCIOUS 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.53	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0114	SY	INTENTION 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.65	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0115	SY	PRESENT 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.79	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0116	SY	DASH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0117	SY	TRACK ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0118	SY	TURN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0119	SY	AUGMENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.05	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0120	SY	HYPE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.05	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0121	SY	SCULPT LOOP ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.97	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0122	SY	ALIGN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.27	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0123	SY	SCULPT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.27	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0124	SY	TRACE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.27	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0125	SY	ABSORBED ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.37	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0126	SY	VISIBLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.37	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0127	SY	VIBRANT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0128	SY	FINE POINT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0129	SY	LINEWEIGHT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0130	SY	STIPPLE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0131	SY	CHROMA ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.17	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0132	SY	SPECTRUM ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0133		22 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0134	SY	REPARTEE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	39.07	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0135	SY	ENDLESS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0136	SY	OBSERVE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0137	SY	RESPOND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0138	SY	TRANSFORM ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.63	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0139	SY	CHARISMA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	40.70	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0140	SY	APPLIED ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	42.85	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0141	SY	DWELLING ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.32	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0142	SY	SHELTER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.32	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0143	SY	EMBELLISH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	45.60	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0144	SY	BIAS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0145	SY	KASURI ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0146	SY	MESH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.78	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0147	SY	FILTER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0148	SY	MIGRATE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0149	SY	NUANCE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0150	SY	ACTIVITY ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.34	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0151	SY	REST ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	46.79	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0152	SY	UNWIND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	46.79	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0153	SY	INTERACT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	46.97	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0154	SY	PAUSE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	47.23	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0155	SY	STEP ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.23	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0156	SY	VANTAGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	47.23	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0157	SY	DRIFT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	48.43	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0158	SY	EXPAND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	48.25	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0159	SY	AGATE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0160	SY	JASPER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0161	SY	MICA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0162	SY	QUARTZ ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0163	SY	ABSTRACT EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	50.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0164	SY	VERTICAL EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	50.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0165	SY	HORIZONTAL EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	50.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0166		24 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0167	SY	CONSTELLATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	41.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0168	SY	OBSERVE COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0169	SY	RESPOND COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0170	SY	TRANSFORM COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.74	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0171	SY	FOUNDATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.97	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0172	SY	BLOX ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	42.49	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0173	SY	SITE LINES ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	43.09	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0174	SY	BLISS ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.10	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0175	SY	SERENITY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.10	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0176	SY	TRANQUIL ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.10	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0177	SY	KUSA ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.84	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0178	SY	BLOCK PRINT ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.03	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0179	SY	FADE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0180	SY	OVERLAY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0181	SY	BLUR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.77	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0182	SY	EXPOSE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.90	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0183	SY	UNCOVER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.90	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0184	SY	EXPLORE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.27	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0185	SY	LINGER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.43	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0186	SY	RENEW ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.27	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0187	SY	FOLDED ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	51.60	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0188	SY	FOLDED EDGE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	51.39	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0189	SY	IDENTITY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	55.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0190 26 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0191	SY	PETO II 26 ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	41.88	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0192	SY	BRILLIANCE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	44.73	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0193	SY	STRIKING ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile (DELETE)	42.17	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0194	SY	IMPRINT ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.30	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0195	SY	SKETCH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.40	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0196	SY	VEIL ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.40	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0197	SY	DISCOVER ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.10	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0198	SY	SEEK ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.10	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0199	SY	CITY GRID ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile (DELETE)	45.07	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0200	SY	BOTAN ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	46.17	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0201	SY	HANA ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	46.17	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0202	SY	RELIEF ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.90	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0203	SY	DEPTH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	54.01	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0204	SY	ANGLE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	54.53	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0205	SY	HONEST ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	55.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0206	SY	SLAB ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	55.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0207	SY	BASE HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0208	SY	COLOR SHIFT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0209	SY	CONTACT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0210	SY	BEVEL HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	64.87	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0211 28 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0212	SY	RICHE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	47.00	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0213	SY	PRAIRIE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.09	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0214	SY	CORDED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	47.48	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0215	SY	PATH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.51	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0216	SY	PORTAL ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.51	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0217	SY	KNIT ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.14	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0218	SY	DECOR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.75	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0219	SY	CHAIN STITCH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	48.84	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0220	SY	AFFLUENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.75	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0221	SY	BACK WEAVE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0222	SY	EXCHANGE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0223	SY	KNOTTED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0224	SY	PROCESS ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0225	SY	CHECK ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0226	SY	HOUNDSTOOTH 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0227	SY	JACQUARD 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0228	SY	TEX28 Ounce, Patterned, Nylon Carpet Tile 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.38	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0229	SY	THE ECCENTRIC ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	51.76	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0230	SY	BATIK 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.35	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0231	SY	IKAT 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0232	SY	LINEN 28 Ounce, Patterned, Nylon Carpet Tile ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0233	SY	THE SOCIALITE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	52.48	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0234	SY	PRESENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	57.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0235	SY	STILL LIFE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	57.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0236	SY	FAMILIAR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.31	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0237	SY	HONED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.62	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0238	SY	FORM ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	60.67	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0239 30 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0240	SY	GLITZ ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	47.82	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0241	SY	LUMINOSITY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	48.60	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0242	SY	RADIANCE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	46.43	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0243	SY	TAPESTRY 18" X 36" ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	55.47	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0244	SY	BEYOND ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.46	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0245	SY	EXPANSE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.46	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0246	SY	ALCHEMY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.67	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0247	SY	CREATE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	61.76	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 68 13 00-0248 32 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0249	SY	ENTWINE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	49.43	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0250	SY	INGRAIN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	49.93	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0251	SY	EARTH TONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	50.55	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0252	SY	REFLECT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	65.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0253	SY	RESURFACE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	53.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0254	SY	BLEND ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.50	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0255	SY	HINT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.50	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0256	SY	ORNATE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.91	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0257	SY	RETHREAD ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.91	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0258	SY	TECHNIQUE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.50	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0259	SY	VANISH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.50	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0260	SY	BON JOUR ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.25	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0261	SY	ZONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	55.96	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0262	SY	DYE LAB ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	63.55	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0263	SY	DISSOLVE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	57.69	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0264	SY	KIT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	68.64	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0265	SY	ARTISAN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	70.34	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0266	SY	CLOTH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	71.13	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0267	SY	PLAIN WEAVE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	66.36	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0268	SY	ADORN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	60.73	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0269	SY	ENTREE ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	55.36	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0270	SY	WELCOME II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	54.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0271	SY	BON JOUR II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	55.36	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0272 Non-Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*

09 68 13 00-0273 18 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*

09 68 13 00-0274	SY	COLOR FRAME ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	39.04	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0275	SY	COLOR PLAY ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	44.52	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0276 20 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*

09 68 13 00-0277	SY	CURVE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	41.85	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0278	SY	DIAGONAL ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	41.85	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0279	SY	POINT ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	41.85	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0280	SY	SQUARE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	41.85	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0281	SY	ADVANCE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.12	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0282	SY	IMPRESSION I ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.24	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0283	SY	IMPRESSION II ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.24	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0284	SY	IMPRESSION III ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.24	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0285	SY	IMPRESSION IV ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.24	4.63
		For Cushioned Backed Tile, Add	*3.57*	

09 68 13 00-0286 22 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*

09 68 13 00-0287	SY	PLANE HEXAGON ECOWORX® 22 Ounce, Non-Patterned, Nylon Carpet Tile	57.91	4.63
		For Cushioned Backed Tile, Add	*3.57*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0288		24 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0289	SY	NEST ECOWORX® 24 Ounce, Non-Patterned, Nylon Carpet Tile	43.32	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0290		30 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0291	SY	TRU COLOURS ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	46.71	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0292	SY	COLOUR PLANK ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	51.57	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0293	SY	GRADATION ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	54.58	4.63
		For Cushioned Backed Tile, Add	*3.57*	
09 68 13 00-0294		ESD Static Control Carpet Tiles (Shaw StaticSmart) *(09 68 13 00-0001)*		
		Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0295		16-24 Ounce, Static Control, Nylon Carpet Tile (StaticSmart) *(09 68 13 00-0294)*		
09 68 13 00-0296	SY	DAILY PLANNER, Static Control, Nylon Carpet Carpet Tile	42.07	4.63
09 68 13 00-0297	SY	COLLABORATORS, Static Control, Nylon Carpet Carpet Tile	45.71	4.63
09 68 13 00-0298	SY	WORKSPACE, Static Control, Nylon Carpet Carpet Tile	42.15	4.63
09 68 13 00-0299	SY	LANDMARK SERIES, Static Control, Nylon Carpet Carpet Tile	44.47	4.63
09 68 13 00-0300	SY	LAN 4.1, Static Control, Nylon Carpet Carpet Tile	60.41	4.63
09 68 13 00-0301	SY	PRESIDENTIAL, Static Control, Nylon Carpet Carpet Tile	60.41	4.63
09 68 13 00-0302	SY	COLONIAL, Static Control, Nylon Carpet Carpet Tile	60.73	4.63
09 68 13 00-0303	SY	LAN 4.0, Static Control, Nylon Carpet Carpet Tile	71.49	4.63
09 68 13 00-0304	SY	DISCOVERY ECO, Static Control, Nylon Carpet Carpet Tile	59.30	4.63
09 68 16		**Sheet Carpeting** *(09 68)*		
		Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001		Carpet Cushion *(09 68 16)*		
09 68 16 00-0002		Carpet Padding *(09 68 16 00-0001)*		
09 68 16 00-0003		Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	16.18	2.38
		For >200 To 400, Deduct	*-0.25*	
		For >400 To 600, Deduct	*-0.38*	
		For >600 To 900, Deduct	*-0.68*	
		For >900 To 1,500, Deduct	*-0.99*	
		For >1,500 To 2,200, Deduct	*-1.44*	
		For >2,200 To 3,500, Deduct	*-1.84*	
		For >3,500, Deduct	*-2.25*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	16.93	2.38
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.72*	
		For >900 To 1,500, Deduct	*-1.04*	
		For >1,500 To 2,200, Deduct	*-1.51*	
		For >2,200 To 3,500, Deduct	*-1.94*	
		For >3,500, Deduct	*-2.36*	
09 68 16 00-0006		Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0007	SY	1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.75	2.38
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.18*	
		For >600 To 900, Deduct	*-0.36*	
		For >900 To 1,500, Deduct	*-0.54*	
		For >1,500 To 2,200, Deduct	*-0.80*	
		For >2,200 To 3,500, Deduct	*-1.04*	
		For >3,500, Deduct	*-1.28*	
09 68 16 00-0008	SY	5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.26	2.38
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.20*	
		For >600 To 900, Deduct	*-0.39*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.85*	
		For >2,200 To 3,500, Deduct	*-1.10*	
		For >3,500, Deduct	*-1.36*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	7.87	2.38
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.13*	
		For >600 To 900, Deduct	*-0.27*	
		For >900 To 1,500, Deduct	*-0.41*	
		For >1,500 To 2,200, Deduct	*-0.61*	
		For >2,200 To 3,500, Deduct	*-0.80*	
		For >3,500, Deduct	*-1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0010	SY	3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.92	2.38
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.37*	
		For >900 To 1,500, Deduct	*-0.55*	
		For >1,500 To 2,200, Deduct	*-0.81*	
		For >2,200 To 3,500, Deduct	*-1.06*	
		For >3,500, Deduct	*-1.31*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.92	2.38
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.37*	
		For >900 To 1,500, Deduct	*-0.55*	
		For >1,500 To 2,200, Deduct	*-0.81*	
		For >2,200 To 3,500, Deduct	*-1.06*	
		For >3,500, Deduct	*-1.31*	
09 68 16 00-0012	SY	7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.92	2.38
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.37*	
		For >900 To 1,500, Deduct	*-0.55*	
		For >1,500 To 2,200, Deduct	*-0.81*	
		For >2,200 To 3,500, Deduct	*-1.06*	
		For >3,500, Deduct	*-1.31*	
09 68 16 00-0013	SY	7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.14	2.38
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.21*	
		For >3,500, Deduct	*-1.49*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.81	2.38
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.36*	
		For >900 To 1,500, Deduct	*-0.54*	
		For >1,500 To 2,200, Deduct	*-0.80*	
		For >2,200 To 3,500, Deduct	*-1.05*	
		For >3,500, Deduct	*-1.29*	
09 68 16 00-0015	SY	1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.21	2.38
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.20*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.84*	
		For >2,200 To 3,500, Deduct	*-1.10*	
		For >3,500, Deduct	*-1.35*	
09 68 16 00-0016	SY	1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.65	2.38
		For >200 To 400, Deduct	*-0.16*	
		For >400 To 600, Deduct	*-0.24*	
		For >600 To 900, Deduct	*-0.46*	
		For >900 To 1,500, Deduct	*-0.67*	
		For >1,500 To 2,200, Deduct	*-0.99*	
		For >2,200 To 3,500, Deduct	*-1.28*	
		For >3,500, Deduct	*-1.57*	

09 68 16 00-0017 Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0018	SY	0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	17.30	2.38
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.41*	
		For >600 To 900, Deduct	*-0.74*	
		For >900 To 1,500, Deduct	*-1.07*	
		For >1,500 To 2,200, Deduct	*-1.55*	
		For >2,200 To 3,500, Deduct	*-1.98*	
		For >3,500, Deduct	*-2.42*	
09 68 16 00-0019	SY	0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	19.43	2.38
		For >200 To 400, Deduct	*-0.32*	
		For >400 To 600, Deduct	*-0.47*	
		For >600 To 900, Deduct	*-0.85*	
		For >900 To 1,500, Deduct	*-1.22*	
		For >1,500 To 2,200, Deduct	*-1.76*	
		For >2,200 To 3,500, Deduct	*-2.25*	
		For >3,500, Deduct	*-2.73*	
09 68 16 00-0020	SY	0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	21.06	2.38
		For >200 To 400, Deduct	*-0.35*	
		For >400 To 600, Deduct	*-0.52*	
		For >600 To 900, Deduct	*-0.93*	
		For >900 To 1,500, Deduct	*-1.33*	
		For >1,500 To 2,200, Deduct	*-1.93*	
		For >2,200 To 3,500, Deduct	*-2.45*	
		For >3,500, Deduct	*-2.98*	

09 68 16 00-0021 Waffle Rubber Carpet Padding *(09 68 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0022	SY	3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding	20.00	2.38
		For >200 To 400, Deduct	*-0.33*	
		For >400 To 600, Deduct	*-0.49*	
		For >600 To 900, Deduct	*-0.87*	
		For >900 To 1,500, Deduct	*-1.26*	
		For >1,500 To 2,200, Deduct	*-1.82*	
		For >2,200 To 3,500, Deduct	*-2.32*	
		For >3,500, Deduct	*-2.82*	

09 68 16 00-0023 Flat Sponge Rubber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0024	SY	0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding	11.76	2.38
		For >200 To 400, Deduct	*-0.16*	
		For >400 To 600, Deduct	*-0.24*	
		For >600 To 900, Deduct	*-0.46*	
		For >900 To 1,500, Deduct	*-0.68*	
		For >1,500 To 2,200, Deduct	*-1.00*	
		For >2,200 To 3,500, Deduct	*-1.29*	
		For >3,500, Deduct	*-1.58*	
09 68 16 00-0025	SY	0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding	12.64	2.38
		For >200 To 400, Deduct	*-0.18*	
		For >400 To 600, Deduct	*-0.27*	
		For >600 To 900, Deduct	*-0.51*	
		For >900 To 1,500, Deduct	*-0.74*	
		For >1,500 To 2,200, Deduct	*-1.08*	
		For >2,200 To 3,500, Deduct	*-1.40*	
		For >3,500, Deduct	*-1.72*	
09 68 16 00-0026	SY	0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding	13.28	2.38
		For >200 To 400, Deduct	*-0.19*	
		For >400 To 600, Deduct	*-0.29*	
		For >600 To 900, Deduct	*-0.54*	
		For >900 To 1,500, Deduct	*-0.79*	
		For >1,500 To 2,200, Deduct	*-1.15*	
		For >2,200 To 3,500, Deduct	*-1.48*	
		For >3,500, Deduct	*-1.81*	
09 68 16 00-0027	SY	0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	15.29	2.38
		For >200 To 400, Deduct	*-0.23*	
		For >400 To 600, Deduct	*-0.35*	
		For >600 To 900, Deduct	*-0.64*	
		For >900 To 1,500, Deduct	*-0.93*	
		For >1,500 To 2,200, Deduct	*-1.35*	
		For >2,200 To 3,500, Deduct	*-1.73*	
		For >3,500, Deduct	*-2.11*	
09 68 16 00-0028	SY	0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	15.46	2.38
		For >200 To 400, Deduct	*-0.24*	
		For >400 To 600, Deduct	*-0.36*	
		For >600 To 900, Deduct	*-0.65*	
		For >900 To 1,500, Deduct	*-0.94*	
		For >1,500 To 2,200, Deduct	*-1.37*	
		For >2,200 To 3,500, Deduct	*-1.75*	
		For >3,500, Deduct	*-2.14*	

09 68 16 00-0029 Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0030	SY	0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding	5.29	2.38
		For >200 To 400, Deduct	*-0.03*	
		For >400 To 600, Deduct	*-0.05*	
		For >600 To 900, Deduct	*-0.14*	
		For >900 To 1,500, Deduct	*-0.23*	
		For >1,500 To 2,200, Deduct	*-0.35*	
		For >2,200 To 3,500, Deduct	*-0.48*	
		For >3,500, Deduct	*-0.61*	
09 68 16 00-0031	SY	0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding	6.62	2.38
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.21*	
		For >900 To 1,500, Deduct	*-0.32*	
		For >1,500 To 2,200, Deduct	*-0.48*	
		For >2,200 To 3,500, Deduct	*-0.65*	
		For >3,500, Deduct	*-0.81*	
09 68 16 00-0032	SY	0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding	6.01	2.38
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.07*	
		For >600 To 900, Deduct	*-0.17*	
		For >900 To 1,500, Deduct	*-0.28*	
		For >1,500 To 2,200, Deduct	*-0.42*	
		For >2,200 To 3,500, Deduct	*-0.57*	
		For >3,500, Deduct	*-0.72*	
09 68 16 00-0033	SY	0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding	6.24	2.38
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.19*	
		For >900 To 1,500, Deduct	*-0.29*	
		For >1,500 To 2,200, Deduct	*-0.44*	
		For >2,200 To 3,500, Deduct	*-0.60*	
		For >3,500, Deduct	*-0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0034	SY	0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding	7.61	2.38
		For >200 To 400, Deduct	*-0.08*	
		For >400 To 600, Deduct	*-0.12*	
		For >600 To 900, Deduct	*-0.25*	
		For >900 To 1,500, Deduct	*-0.39*	
		For >1,500 To 2,200, Deduct	*-0.58*	
		For >2,200 To 3,500, Deduct	*-0.77*	
		For >3,500, Deduct	*-0.96*	
09 68 16 00-0035		Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0036	SY	0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	8.02	2.38
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.13*	
		For >600 To 900, Deduct	*-0.28*	
		For >900 To 1,500, Deduct	*-0.42*	
		For >1,500 To 2,200, Deduct	*-0.62*	
		For >2,200 To 3,500, Deduct	*-0.82*	
		For >3,500, Deduct	*-1.02*	
09 68 16 00-0037	SY	0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	9.09	2.38
		For >200 To 400, Deduct	*-0.11*	
		For >400 To 600, Deduct	*-0.16*	
		For >600 To 900, Deduct	*-0.33*	
		For >900 To 1,500, Deduct	*-0.49*	
		For >1,500 To 2,200, Deduct	*-0.73*	
		For >2,200 To 3,500, Deduct	*-0.96*	
		For >3,500, Deduct	*-1.18*	
09 68 16 00-0038		Commercial Broadloom Carpet *(09 68 16)*		
		Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0039		Patterned Broadloom Carpet (Shaw) *(09 68 16 00-0038)*		
09 68 16 00-0040		20 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0041	SY	AMBITION III 20 CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	19.66	18.97
09 68 16 00-0042	SY	ESSENTIAL CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	25.00	18.97
09 68 16 00-0043	SY	PRIME CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	25.00	18.97
09 68 16 00-0044	SY	MODIFY CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	27.52	18.97
09 68 16 00-0045	SY	SWITCH CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	27.52	18.97
09 68 16 00-0046	SY	TRANSFER CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	27.52	18.97
09 68 16 00-0047	SY	SCRIBE CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	27.80	18.97
09 68 16 00-0048	SY	STYLUS CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	27.80	18.97
09 68 16 00-0049	SY	CONTE' ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	34.85	18.97
09 68 16 00-0050	SY	ERASE ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	34.85	18.97
09 68 16 00-0051	SY	CADENCE ECOWORX® PERFORMANCE 20 Ounce, Patterned, Nylon Broadloom Carpet	43.04	18.97
09 68 16 00-0052		22 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0053	SY	BIRCH CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	27.66	18.97
09 68 16 00-0054	SY	GROVE CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	27.66	18.97
09 68 16 00-0055	SY	SUMMIT CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	27.66	18.97
09 68 16 00-0056	SY	HIT THE BOOKS ULTRLOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	30.09	18.97
09 68 16 00-0057	SY	LAYER ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	31.72	18.97
09 68 16 00-0058	SY	DIMENSION ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	30.20	18.97
09 68 16 00-0059	SY	CHARISMA ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	32.54	18.97
09 68 16 00-0060	SY	AMPLIFY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.17	18.97
09 68 16 00-0061	SY	HIT THE BOOKS ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	33.50	18.97
09 68 16 00-0062	SY	ILLUMINATE ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.17	18.97
09 68 16 00-0063	SY	EFFECT ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.00	18.97
09 68 16 00-0064	SY	FAÇADE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	36.59	18.97
09 68 16 00-0065	SY	INLAY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.00	18.97
09 68 16 00-0066	SY	COLLAGE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	38.06	18.97
09 68 16 00-0067		24 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0068	SY	ASSOCIATE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	25.56	18.97
09 68 16 00-0069	SY	FOSSIL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	26.11	18.97
09 68 16 00-0070	SY	TERRA CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	26.11	18.97
09 68 16 00-0071	SY	ECLECTIC CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.47	18.97
09 68 16 00-0072	SY	MELD CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.84	18.97
09 68 16 00-0073	SY	STAY ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.70	18.97
09 68 16 00-0074	SY	REMINISCE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.01	18.97
09 68 16 00-0075	SY	CONTOUR CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.12	18.97
09 68 16 00-0076	SY	OUTLINE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.12	18.97
09 68 16 00-0077	SY	FLICKER CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.59	18.97
09 68 16 00-0078	SY	FLARE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.03	18.97
09 68 16 00-0079	SY	TONE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.96	18.97
09 68 16 00-0080	SY	TINT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.49	18.97
09 68 16 00-0081	SY	BLOG ULTRLOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	30.03	18.97
09 68 16 00-0082	SY	BLOG CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	29.37	18.97
09 68 16 00-0083	SY	KUSA ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.76	18.97
09 68 16 00-0084	SY	ENGRAVE ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.04	18.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0085	SY	ORNAMENT ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.04	18.97
09 68 16 00-0086	SY	SCREEN ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.04	18.97
09 68 16 00-0087	SY	COLONEL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	21.77	18.97
09 68 16 00-0088	SY	TOWN RESORT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	23.93	18.97
09 68 16 00-0089	SY	SENTIMENT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.55	18.97
09 68 16 00-0090		**26 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0091	SY	AMBITION III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	21.18	18.97
09 68 16 00-0092	SY	POTENTIAL III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	24.95	18.97
09 68 16 00-0093	SY	POTENTIAL III 26 UNITARY 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	26.33	18.97
09 68 16 00-0094	SY	INTERPLAY ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	27.64	18.97
09 68 16 00-0095	SY	PETO II CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	27.46	18.97
09 68 16 00-0096	SY	EVOLUTION CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	27.52	18.97
09 68 16 00-0097	SY	SPACE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	27.44	18.97
09 68 16 00-0098	SY	DIVIDE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.23	18.97
09 68 16 00-0099	SY	EDIT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.70	18.97
09 68 16 00-0100	SY	EQUAL CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.69	18.97
09 68 16 00-0101	SY	TEXT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	29.34	18.97
09 68 16 00-0102	SY	TEXT ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	30.18	18.97
09 68 16 00-0103	SY	CONSTELLATION ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	31.47	18.97
09 68 16 00-0104	SY	CROSS STITCH ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	32.88	18.97
09 68 16 00-0105	SY	ESCAPE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	35.88	18.97
09 68 16 00-0106	SY	WISDOM ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	36.12	18.97
09 68 16 00-0107	SY	BOTAN ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	36.58	18.97
09 68 16 00-0108	SY	MAINFRAME ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	34.64	18.97
09 68 16 00-0109	SY	HANA ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	36.74	18.97
09 68 16 00-0110	SY	NAVIGATE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	35.33	18.97
09 68 16 00-0111	SY	INTUITION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	38.49	18.97
09 68 16 00-0112	SY	QUEST ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	38.49	18.97
09 68 16 00-0113	SY	SOPHISTICATION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	38.49	18.97
09 68 16 00-0114	SY	JOIE ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	48.38	18.97
09 68 16 00-0115		**28 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0116	SY	POTENTIAL III 28 CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	26.84	20.59
09 68 16 00-0117	SY	MOMENTUM IV UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	27.37	20.59
09 68 16 00-0118	SY	POTENTIAL III 28 UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	28.14	20.59
09 68 16 00-0119	SY	CULTURE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	28.25	20.59
09 68 16 00-0120	SY	SCHOLAR II UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	29.60	20.59
09 68 16 00-0121	SY	FIELD TRIP ULTRLOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	30.25	20.59
09 68 16 00-0122	SY	ACCOMPLISH CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	30.39	20.59
09 68 16 00-0123	SY	PROSPER CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	31.54	20.59
09 68 16 00-0124	SY	ASPIRE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	32.42	20.59
09 68 16 00-0125	SY	MOVEMENT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	34.25	20.59
09 68 16 00-0126	SY	SHIMMER ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	32.91	20.59
09 68 16 00-0127	SY	CORDED ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	33.54	20.59
09 68 16 00-0128	SY	FIELD TRIP ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	35.18	20.59
09 68 16 00-0129	SY	ACCOMPLISH ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	35.41	20.59
09 68 16 00-0130	SY	PROSPER ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	36.54	20.59
09 68 16 00-0131	SY	MEADOW ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	38.31	20.59
09 68 16 00-0132	SY	PROFILE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	39.03	20.59
09 68 16 00-0133	SY	ASPIRE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	37.12	20.59
09 68 16 00-0134	SY	DOUBLE KNIT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	37.44	20.59
09 68 16 00-0135	SY	BRIDGE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	38.68	20.59
09 68 16 00-0136	SY	GLADE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	41.65	20.59
09 68 16 00-0137	SY	ESSENCE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	42.56	20.59
09 68 16 00-0138	SY	EXPRESSIVE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	42.56	20.59
09 68 16 00-0139	SY	BASKET ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	46.06	20.59
09 68 16 00-0140	SY	IKAT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	49.10	20.59
09 68 16 00-0141	SY	VERVE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	48.92	20.59
09 68 16 00-0142	SY	VITAE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	46.29	20.59
09 68 16 00-0143	SY	IMAGERY CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	29.85	20.59
09 68 16 00-0144	SY	GROUND FORCE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	27.10	20.59
09 68 16 00-0145		**30 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0146	SY	GRADIENT CLASSICBAC® 30 Ounce, Patterned, Nylon Broadloom Carpet	30.50	20.59
09 68 16 00-0147	SY	HONOR ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	44.96	20.59
09 68 16 00-0148	SY	PEBBLE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	42.78	20.59
09 68 16 00-0149	SY	BATIK ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.10	20.59
09 68 16 00-0150	SY	LINEN ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.10	20.59
09 68 16 00-0151	SY	TAPESTRY ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.10	20.59
09 68 16 00-0152	SY	TEXTILE ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.10	20.59
09 68 16 00-0153	SY	TRELLIS ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	47.79	20.59
09 68 16 00-0154	SY	TWINE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	47.79	20.59
09 68 16 00-0155	SY	BEYOND ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	51.22	20.59
09 68 16 00-0156		**32 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0157	SY	REFUGE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	28.93	20.59
09 68 16 00-0158	SY	RETREAT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	29.11	20.59
09 68 16 00-0159	SY	PLEAT CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	29.71	20.59
09 68 16 00-0160	SY	TAPER CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	29.71	20.59
09 68 16 00-0161	SY	STRIPES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.10	20.59
09 68 16 00-0162	SY	HERRINGBONE CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.10	20.59
09 68 16 00-0163	SY	SQUARES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.41	20.59
09 68 16 00-0164	SY	SOLID CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	37.98	20.59
09 68 16 00-0165	SY	CORE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	39.19	20.59
09 68 16 00-0166	SY	TIMBER ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	41.40	20.59
09 68 16 00-0167	SY	GROUNDED ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	44.31	20.59
09 68 16 00-0168	SY	TRIBUTE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	47.84	20.59
09 68 16 00-0169	SY	GRACE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	48.37	20.59
09 68 16 00-0170	SY	INHERIT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	52.02	20.59
09 68 16 00-0171	SY	EMBRACE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	58.48	20.59
09 68 16 00-0172		34 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0173	SY	GLOW ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	43.52	22.13
09 68 16 00-0174	SY	3SQUARE ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	43.09	22.13
09 68 16 00-0175	SY	EDITION ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	53.08	22.13
09 68 16 00-0176		36 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0177	SY	BELLCOURT CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.27	22.13
09 68 16 00-0178	SY	CRANFORD CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.27	22.13
09 68 16 00-0179	SY	KENNEBUNK CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.27	22.13
09 68 16 00-0180	SY	MORITZ CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.27	22.13
09 68 16 00-0181	SY	FIBER ECOWORX® 36 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	45.30	22.13
09 68 16 00-0182		38 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0183	SY	LANA ECOWORX® 38 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	54.05	22.13
09 68 16 00-0184	SY	ARTISAN LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	58.11	22.13
09 68 16 00-0185	SY	CHOK LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	58.32	22.13
09 68 16 00-0186	SY	AT EASE 39 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	38.24	22.13
09 68 16 00-0187	SY	AT EASE 49 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	42.30	22.13
09 68 16 00-0188	SY	WELCOME II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	46.87	22.13
09 68 16 00-0189	SY	BON JOUR II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	46.87	22.13
09 68 16 00-0190		Non-Patterned Broadloom Carpet (Shaw) *(09 68 16 00-0038)*		
09 68 16 00-0191		24 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0192	SY	HARBOR CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	22.88	18.97
09 68 16 00-0193	SY	UPSCALE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	22.88	18.97
09 68 16 00-0194	SY	MEMOIRS CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	23.94	18.97
09 68 16 00-0195	SY	SCENERY CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	25.38	18.97
09 68 16 00-0196	SY	REIMAGINE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	26.76	18.97
09 68 16 00-0197	SY	STATEMENT CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	28.20	18.97
09 68 16 00-0198		30 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0199	SY	DESIGN SERIES V 30 CLASSICBAC® 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	28.36	20.59
09 68 16 00-0200	SY	HIGHLIGHT ECOWORX® PERFORMANCE 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	37.46	20.59
09 68 16 00-0201		34 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0202	SY	RESIDENCE INN I CLASSICBAC® 34 Ounce, Non-Patterned, Nylon Broadloom Carpet	33.13	22.13
09 68 16 00-0203		36 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0204	SY	DESIGN SERIES V 36 CLASSICBAC® 36 Ounce, Non-Patterned, Nylon Broadloom Carpet	32.80	22.13
09 68 16 00-0205		38 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0206	SY	VILLA CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	32.83	22.13
09 68 16 00-0207	SY	SCEPTER II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	40.94	22.13
09 68 16 00-0208	SY	RESIDENCE INN II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	36.54	22.13
09 68 16 00-0209	SY	RESIDENCE INN III CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	40.09	22.13
09 68 16 00-0210		Carpet Accessories *(09 68 16)*		
09 68 16 00-0211	LF	Metal Carpet Saddle Strip, Up To 4" Wide	5.25	0.82
09 68 16 00-0212	LF	Carpet Grip Tape, Double Sided, 6" Wide	2.97	0.82
09 68 16 00-0213		Removal And Reinstallation Of Carpet And Pad *(09 68 16)* Note: Includes storage, cleaning and supply materials.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0214	SY	Removal And Reinstallation Of Carpet And Pad	26.76	
09 68 16 00-0215		Carpeting Support Functions *(09 68 16)*		
09 68 16 00-0216		Relocate Partitions, Modular Work Stations *(09 68 16 00-0215)*		
		Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0217	EA	Relocate Modular Work Station	288.92	
09 68 16 00-0218		Installation Of Owner Provided Broadloom Carpet *(09 68 16)*		
09 68 16 00-0219	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	11.39	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.20*	
		For >15 To 33, Add	*1.10*	
09 68 16 00-0220	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	13.22	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.57*	
		For >15 To 33, Add	*1.29*	
09 68 16 00-0221	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	15.79	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.08*	
		For >15 To 33, Add	*1.54*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001		Panels, No Covering *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	17.32	0.82
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	33.04	0.82
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	30.74	0.90
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	30.74	0.90
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	30.74	0.90
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	30.74	0.90
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	29.04	0.90
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	29.04	0.90
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	32.87	0.90
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	32.87	0.90
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	32.87	0.90
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	32.87	0.90
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	31.17	0.90
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	31.17	0.90
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	39.62	0.90
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	39.62	0.90
09 69 13 00-0018		Pedestals *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	35.75	4.13
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	37.87	4.13
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	38.94	4.13
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	42.79	4.13
09 69 13 00-0023		Stringers *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	17.53	4.95
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	30.96	7.43
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	48.69	12.39
09 69 13 00-0027		Understructure *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	6.16	1.23
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	6.67	1.23
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	7.92	1.23

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		Accessories *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	38.46	3.30
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	61.97	5.78
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	23.78	5.78
09 69 53 00-0005	EA	Machine Cutouts	192.94	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	64.58	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System	156.27	0.41
		Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008	LF	Tate Handrail	123.07	2.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	44.07	2.72
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	200.55	10.32
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	42.60	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	42.60	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	59.70	1.65
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	73.50	1.65
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	55.88	1.65
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	73.48	1.65
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	197.99	10.32
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	137.26	10.32
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	197.99	10.32
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	104.24	1.65
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	8.25	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	2.95	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.07	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.03	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	4.18	0.69
09 72 13 00-0003	SF	1/4" Cork Wall Covering	5.27	0.69
09 72 13 00-0004	SF	1/2" Cork Wall Covering	6.14	0.69
09 72 13 00-0005	SF	3/4" Cork Wall Covering	8.67	0.69

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7-10 Oz/SY Vinyl Wall Covering	2.78	0.69
		For Owner Furnished Material, Deduct	*-1.70*	
09 72 16 13-0003	SF	11-14 Oz/SY Vinyl Wall Covering	3.63	0.69
		For Owner Furnished Material, Deduct	*-2.48*	
09 72 16 13-0004	SF	15-19 Oz/SY Vinyl Wall Covering	4.26	0.69
		For Owner Furnished Material, Deduct	*-3.11*	
09 72 16 13-0005	SF	20 To 25 Ounces/SY Vinyl Wall Covering	5.03	0.69
		For Owner Furnished Material, Deduct	*-3.58*	
09 72 16 13-0006	SF	26-32 Oz/SY Vinyl Wall Covering	5.87	0.69
		For Owner Furnished Material, Deduct	*-4.36*	
09 72 16 13-0007	SF	33-38 Oz/SY Vinyl Wall Covering	7.09	0.69
		For Owner Furnished Material, Deduct	*-5.51*	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.04	0.91
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	3.50	1.17
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	2.74	1.73

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	41.84	21.10
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	42.97	21.10
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	46.41	22.72
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	49.08	22.72
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	51.86	22.72
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	53.23	22.72
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	55.51	24.54
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	58.01	24.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	8.89	2.77
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	9.11	2.77
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	9.11	2.77
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	9.32	2.77
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	10.38	2.77
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	11.65	2.77
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	13.13	2.77

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	16.79	2.77

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	10.43	2.10
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	15.68	2.31
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	17.55	2.31
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	21.15	2.52
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	26.59	2.79
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	11.82	2.10
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	16.99	2.31
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	18.84	2.31
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	22.27	2.52
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	27.73	2.79
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	29.29	4.19
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	37.34	4.62
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	40.15	4.62
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	45.48	5.03
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	53.91	5.60
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	61.42	4.19
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	69.57	4.62
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	72.29	4.62
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	77.71	5.03
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	86.14	5.60
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	29.29	4.19
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	37.34	4.62
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	40.15	4.62
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	45.48	5.03
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	53.91	5.60
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	74.35	4.19
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	82.41	4.62
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	85.22	4.62
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	90.55	5.03
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	98.98	5.60

09 78 13 00-0033 16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	18.45	2.10
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	31.79	2.31
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	36.59	2.31
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	45.06	2.52
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	60.13	2.79
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.74	2.10
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	33.05	2.31
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	37.51	2.31
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	46.35	2.52
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	59.80	2.79
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	41.28	4.19
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	61.42	4.62
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	68.54	4.62
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	81.55	5.03
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	102.07	5.60
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	73.47	4.19
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	93.62	4.62
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	100.87	4.62
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	113.79	5.03
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	134.21	5.60
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	41.28	4.19
09 78 13 00-0055	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	61.42	4.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0056	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	68.54	4.62
09 78 13 00-0057	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	81.55	5.03
09 78 13 00-0058	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	102.07	5.60
09 78 13 00-0059	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	86.35	4.19
09 78 13 00-0060	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	106.49	4.62
09 78 13 00-0061	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	113.76	4.62
09 78 13 00-0062	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	126.68	5.03
09 78 13 00-0063	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	147.14	5.60

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.71	0.28
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.85	0.28
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.07	0.28
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.23	0.28
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.44	0.28
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.64	0.28
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.91	0.28
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.22	0.28

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.67	0.28

09 81 16 00-0013 Fiberglass Sound Attenuation Blankets *(09 81 16)*
Note: (Insul-Quilt)

09 81 16 00-0014	SF	2" Fiberglass Core Blanket, Faced With fiberglass Cloth And Backed With A Flame-Proof Foil (Insul-Quilt)	7.80	0.28

09 81 16 00-0015 Sound Attenuation Batts *(09 81 16)*
Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0016	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.06	0.37
09 81 16 00-0017	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.15	0.37
09 81 16 00-0018	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.20	0.37
09 81 16 00-0019	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	1.35	0.37
09 81 16 00-0020	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.40	0.37
09 81 16 00-0021	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	1.39	0.37
09 81 16 00-0022	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.44	0.37

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*
Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	10.04	1.86
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	14.84	1.86

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System *(09 84 13)*
See CSI section 06 11 16 00-0209 for wood furring.

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*
Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	12.97	2.10
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	11.93	2.10
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	15.20	2.10
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	15.22	2.10
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	16.88	2.10
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	16.88	2.10

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0012		Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*		
		Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	15.25	2.10
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	17.94	2.10
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	17.94	2.10
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	20.64	2.10
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	20.64	2.10
09 84 13 00-0018		Sound Absorbing Panel, Eggcrate Style *(09 84 13)*		
		Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	9.02	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	11.87	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	15.49	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	11.67	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	22.82	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	29.16	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0025		Sound Deadening Fiberboard *(09 84 13)*		
09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.94	0.46
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.43*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.56*	
		For >128 To 320, Add	*0.32*	

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required, 09 29 10 00-0037 for finishing exisiting wall surfaces or small holes not requiring patching in excess of items included above.

09 91 Painting *(09 90)*

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0001		Paint Exterior Walls/Siding *(09 91 13)*		
09 91 13 00-0002		Paint Exterior Brick Walls *(09 91 13 00-0001)*		
09 91 13 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls	0.18	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0004	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0005	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0006	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	1.61	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.53	
		For Oil Based Paint, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	0.86	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.29	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0010	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.54	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0011	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0012	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.16	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

09 91 13 00-0013 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0014	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.12	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.08*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	
09 91 13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0016	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0017	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.35	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.53	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0019	SF	1 Coat Paint, Brush/Roller Work, Painit Exterior Concrete Walls	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0020	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0021	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0022	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.44	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0023	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

09 91 13 00-0024 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*

09 91 13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.17	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	0.92	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.05	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.85	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.76	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.84	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.50	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0033	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	0.64	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	0.71	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.38	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

09 91 13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	1.84	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0041	SF	1Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.48	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0045	SF	1Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	0.68	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0047	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0048	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0049	SF	1Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0051	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.12	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.08*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	
		For Epoxy Paint, Add	*0.01*	
09 91 13 00-0052	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0053	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0054	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.35	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0055	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0056	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.12*	

09 91 13 00-0061 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0062 Paint Exterior Galvanized Walls *(09 91 13 00-0061)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0063	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	0.91	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.00	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.84	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	0.69	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	0.79	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.49	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.64	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0070	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.81	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0071	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.39	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*

Note: Alkyd enamel paint.

09 91 13 00-0073	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	0.91	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0074	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.00	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.83	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.79	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.88	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.67	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.70	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.81	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0081	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.39	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

09 91 13 00-0083	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	12.08	
		For Work >15' To 20' Above Floor, Add	*1.55*	
		Note: Applied only to work area above 15' to 20'		
		For Work >20' To 30' Above Floor, Add	*2.59*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*4.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*5.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*8.02*	
		For >100 To 250, Add	*3.79*	
		For >250 To 500, Add	*1.64*	
		For >2,500 To 5,000, Deduct	*-0.60*	
		For >5,000 To 10,000, Deduct	*-1.21*	
		For >10,000 To 20,000, Deduct	*-1.81*	
		For >20,000, Deduct	*-2.42*	
09 91 13 00-0084	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	13.45	
		For Work >15' To 20' Above Floor, Add	*1.72*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*2.87*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*4.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*6.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*8.91*	
		For >100 To 250, Add	*4.22*	
		For >250 To 500, Add	*1.82*	
		For >2,500 To 5,000, Deduct	*-0.67*	
		For >5,000 To 10,000, Deduct	*-1.35*	
		For >10,000 To 20,000, Deduct	*-2.02*	
		For >20,000, Deduct	*-2.69*	
09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	25.09	
		For Work >15' To 20' Above Floor, Add	*3.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*5.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*8.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*11.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*16.72*	
		For >100 To 250, Add	*7.91*	
		For >250 To 500, Add	*3.41*	
		For >2,500 To 5,000, Deduct	*-1.25*	
		For >5,000 To 10,000, Deduct	*-2.51*	
		For >10,000 To 20,000, Deduct	*-3.76*	
		For >20,000, Deduct	*-5.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0086		Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*		
09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	0.79	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.02	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.72	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0090		Paint Exterior Stucco Walls *(09 91 13 00-0001)*		
09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.20	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.13	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0093	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0094	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	2.30	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 13 00-0095	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0096	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0097	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.79	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0098	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0099	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0100	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	1.59	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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09 91 13 00-0101 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0102 Paint Exterior Smooth Wood Siding *(09 91 13 00-0101)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.80	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0109	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.54	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0110	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0111	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0112	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.23	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0113		Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0114	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0115	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0116	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	2.34	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.11*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.23	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.28	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.86	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.08*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	1.45	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.21	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0131	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0132	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0133	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	1.36	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0134		Paint Exterior Ceilings *(09 91 13)*		
09 91 13 00-0135		Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*		
09 91 13 00-0136	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0137	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0138	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0139	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	1.44	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0140	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0141	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0142	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0146		Drywall/Plaster *(09 91 13 00-0134)*		
09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Epoxy Paint, Add	*0.01*	
09 91 13 00-0148	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0149	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0150	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.45	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.20*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.08*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0154	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0155	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Epoxy Paint, Add	*0.13*	

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.16	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.73	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.43	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0168	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0169		Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*		
09 91 13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	2.43	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.16*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.49*	
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.23	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	2.36	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.91*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.98	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*
Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.00	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.01	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.78	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.86	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.55	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.81	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0188	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	0.92	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0189	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.51	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

09 91 13 00-0191	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.00	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.01	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.88	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.96	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.75	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.81	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.81	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0199	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.51	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*

09 91 13 00-0201	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	0.89	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0202	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.02	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.86	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0204		Paint Exterior Floors *(09 91 13)*		
09 91 13 00-0205		Paint Exterior Concrete Floors *(09 91 13 00-0204)*		
09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.11	
		For Up To 100, Add	*0.07*	
		For >100 To 250, Add	*0.03*	
		For >250 To 500, Add	*0.01*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.90	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0213	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.39	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	
09 91 13 00-0214	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0215	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0216	SF	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.92	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0217	SF	1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	4.76	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.24*	
		For >5,000 To 10,000, Deduct	*-0.48*	
		For >10,000 To 20,000, Deduct	*-0.71*	
		For >20,000, Deduct	*-0.95*	
09 91 13 00-0218	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	5.95	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.60*	
		For >10,000 To 20,000, Deduct	*-0.89*	
		For >20,000, Deduct	*-1.19*	

09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

09 91 13 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.13	
		For Up To 100, Add	*0.08*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0221	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0222	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0223	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.46	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.17	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0227	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0228	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0229	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.01	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0230	SF	1 Coat Non Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.01	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0231	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.04	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.60*	
		For >10,000 To 20,000, Deduct	*-0.91*	
		For >20,000, Deduct	*-1.21*	
09 91 13 00-0232		Paint Exterior Doors And Windows *(09 91 13)*		
09 91 13 00-0233		Paint Exterior Door Frames *(09 91 13 00-0232)*		
09 91 13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	0.94	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.25*	
09 91 13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.21	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.32*	
09 91 13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.05	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.54*	
09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	0.99	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.27*	
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.26	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.34*	
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.12	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.56*	
09 91 13 00-0240		Paint Exterior Metal Doors *(09 91 13 00-0232)*		
09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	46.04	
		Note: One face		
		For Half Louvered Door, Add	*3.81*	
		For Full Louvered Door, Add	*6.36*	
		For Electrostatic Painting, Add	*7.70*	
		For >5 To 10, Deduct	*-2.30*	
		For >10 To 25, Deduct	*-4.60*	
		For >25, Deduct	*-6.91*	
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	46.04	
		Note: One face		
		For Half Louvered Door, Add	*3.81*	
		For Full Louvered Door, Add	*6.36*	
		For Electrostatic Painting, Add	*7.70*	
		For >5 To 10, Deduct	*-2.30*	
		For >10 To 25, Deduct	*-4.60*	
		For >25, Deduct	*-6.91*	
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	83.90	
		Note: One face		
		For Half Louvered Door, Add	*6.44*	
		For Full Louvered Door, Add	*10.74*	
		For Electrostatic Painting, Add	*14.53*	
		For >5 To 10, Deduct	*-4.20*	
		For >10 To 25, Deduct	*-8.39*	
		For >25, Deduct	*-12.59*	
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	82.63	
		Note: Both faces		
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For Electrostatic Painting, Add	*13.82*	
		For >5 To 10, Deduct	*-4.13*	
		For >10 To 25, Deduct	*-8.26*	
		For >25, Deduct	*-12.39*	
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	82.63	
		Note: Both faces		
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For Electrostatic Painting, Add	*13.82*	
		For >5 To 10, Deduct	*-4.13*	
		For >10 To 25, Deduct	*-8.26*	
		For >25, Deduct	*-12.39*	
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	151.19	
		Note: Both faces		
		For Half Louvered Door, Add	*11.57*	
		For Full Louvered Door, Add	*19.28*	
		For Electrostatic Painting, Add	*26.23*	
		For >5 To 10, Deduct	*-7.56*	
		For >10 To 25, Deduct	*-15.12*	
		For >25, Deduct	*-22.68*	
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	44.93	
		Note: One face		
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For Electrostatic Painting, Add	*7.89*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.49*	
		For >25, Deduct	*-6.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	44.93	
		Note: One face		
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For Electrostatic Painting, Add	*7.89*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.49*	
		For >25, Deduct	*-6.74*	
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	82.64	
		Note: One face		
		For Half Louvered Door, Add	*5.64*	
		For Full Louvered Door, Add	*9.40*	
		For Electrostatic Painting, Add	*15.02*	
		For >5 To 10, Deduct	*-4.13*	
		For >10 To 25, Deduct	*-8.26*	
		For >25, Deduct	*-12.40*	
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	80.65	
		Note: Both faces		
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For Electrostatic Painting, Add	*14.17*	
		For >5 To 10, Deduct	*-4.03*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.10*	
09 91 13 00-0251	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	80.65	
		Note: Both faces		
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For Electrostatic Painting, Add	*14.17*	
		For >5 To 10, Deduct	*-4.03*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.10*	
09 91 13 00-0252	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	149.02	
		Note: Both faces		
		For Half Louvered Door, Add	*10.13*	
		For Full Louvered Door, Add	*16.89*	
		For Electrostatic Painting, Add	*27.12*	
		For >5 To 10, Deduct	*-7.45*	
		For >10 To 25, Deduct	*-14.90*	
		For >25, Deduct	*-22.35*	
09 91 13 00-0253	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.09	
		For Electrostatic Painting, Add	*0.26*	
09 91 13 00-0254	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.22	
		For Electrostatic Painting, Add	*0.29*	
09 91 13 00-0255	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	4.53	
		For Electrostatic Painting, Add	*0.58*	
09 91 13 00-0256	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.44	
		For Electrostatic Painting, Add	*0.30*	
09 91 13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.57	
		For Electrostatic Painting, Add	*0.33*	
09 91 13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	4.99	
		For Electrostatic Painting, Add	*0.64*	

09 91 13 00-0259 Paint Exterior Wood Doors *(09 91 13 00-0232)*

09 91 13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	38.16	
		Note: One face		
		For Half Louvered Door, Add	*3.81*	
		For Full Louvered Door, Add	*6.36*	
		For >5 To 10, Deduct	*-1.91*	
		For >10 To 25, Deduct	*-3.82*	
		For >25, Deduct	*-5.72*	
09 91 13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	38.16	
		Note: One face		
		For Half Louvered Door, Add	*3.81*	
		For Full Louvered Door, Add	*6.36*	
		For >5 To 10, Deduct	*-1.91*	
		For >10 To 25, Deduct	*-3.82*	
		For >25, Deduct	*-5.72*	
09 91 13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	68.25	
		Note: One face		
		For Half Louvered Door, Add	*6.44*	
		For Full Louvered Door, Add	*10.74*	
		For >5 To 10, Deduct	*-3.41*	
		For >10 To 25, Deduct	*-6.83*	
		For >25, Deduct	*-10.24*	
09 91 13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	68.48	
		Note: Both faces		
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For >5 To 10, Deduct	*-3.42*	
		For >10 To 25, Deduct	*-6.85*	
		For >25, Deduct	*-10.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	68.48	
		Note: Both faces		
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For >5 To 10, Deduct	*-3.42*	
		For >10 To 25, Deduct	*-6.85*	
		For >25, Deduct	*-10.27*	
09 91 13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	122.89	
		Note: Both faces		
		For Half Louvered Door, Add	*11.57*	
		For Full Louvered Door, Add	*19.28*	
		For >5 To 10, Deduct	*-6.14*	
		For >10 To 25, Deduct	*-12.29*	
		For >25, Deduct	*-18.43*	
09 91 13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	36.27	
		Note: One face		
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For >5 To 10, Deduct	*-1.81*	
		For >10 To 25, Deduct	*-3.63*	
		For >25, Deduct	*-5.44*	
09 91 13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	36.27	
		Note: One face		
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For >5 To 10, Deduct	*-1.81*	
		For >10 To 25, Deduct	*-3.63*	
		For >25, Deduct	*-5.44*	
09 91 13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	65.45	
		Note: One face		
		For Half Louvered Door, Add	*5.64*	
		For Full Louvered Door, Add	*9.40*	
		For >5 To 10, Deduct	*-3.27*	
		For >10 To 25, Deduct	*-6.55*	
		For >25, Deduct	*-9.82*	
09 91 13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	65.09	
		Note: Both faces		
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For >5 To 10, Deduct	*-3.25*	
		For >10 To 25, Deduct	*-6.51*	
		For >25, Deduct	*-9.76*	
09 91 13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	65.09	
		Note: Both faces		
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For >5 To 10, Deduct	*-3.25*	
		For >10 To 25, Deduct	*-6.51*	
		For >25, Deduct	*-9.76*	
09 91 13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	117.89	
		Note: Both faces		
		For Half Louvered Door, Add	*10.13*	
		For Full Louvered Door, Add	*16.89*	
		For >5 To 10, Deduct	*-5.89*	
		For >10 To 25, Deduct	*-11.79*	
		For >25, Deduct	*-17.68*	
09 91 13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	1.97	
09 91 13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.04	
09 91 13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	4.20	
09 91 13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.31	
09 91 13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.39	
09 91 13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	4.64	

09 91 13 00-0278 Paint Exterior Metal Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	70.68	
		For Electrostatic Painting, Add	*9.12*	
		For >5 To 10, Deduct	*-3.53*	
		For >10 To 25, Deduct	*-7.07*	
		For >25, Deduct	*-10.60*	
09 91 13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	86.91	
		For Electrostatic Painting, Add	*11.86*	
		For >5 To 10, Deduct	*-4.35*	
		For >10 To 25, Deduct	*-8.69*	
		For >25, Deduct	*-13.04*	
09 91 13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	117.72	
		For Electrostatic Painting, Add	*16.28*	
		For >5 To 10, Deduct	*-5.89*	
		For >10 To 25, Deduct	*-11.77*	
		For >25, Deduct	*-17.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	132.61	
		For Electrostatic Painting, Add	*18.35*	
		For >5 To 10, Deduct	*-6.63*	
		For >10 To 25, Deduct	*-13.26*	
		For >25, Deduct	*-19.89*	
09 91 13 00-0283	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	146.97	
		For Electrostatic Painting, Add	*20.30*	
		For >5 To 10, Deduct	*-7.35*	
		For >10 To 25, Deduct	*-14.70*	
		For >25, Deduct	*-22.05*	
09 91 13 00-0284	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	4.66	
		For Electrostatic Painting, Add	*0.64*	

09 91 13 00-0285 Paint Exterior Wood Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over primer.

09 91 13 00-0286	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	65.46	
		For >5 To 10, Deduct	*-3.27*	
		For >10 To 25, Deduct	*-6.55*	
		For >25, Deduct	*-9.82*	
09 91 13 00-0287	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	78.83	
		For >5 To 10, Deduct	*-3.94*	
		For >10 To 25, Deduct	*-7.88*	
		For >25, Deduct	*-11.82*	
09 91 13 00-0288	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	106.25	
		For >5 To 10, Deduct	*-5.31*	
		For >10 To 25, Deduct	*-10.63*	
		For >25, Deduct	*-15.94*	
09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	119.64	
		For >5 To 10, Deduct	*-5.98*	
		For >10 To 25, Deduct	*-11.96*	
		For >25, Deduct	*-17.95*	
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	132.70	
		For >5 To 10, Deduct	*-6.64*	
		For >10 To 25, Deduct	*-13.27*	
		For >25, Deduct	*-19.91*	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	4.44	

09 91 13 00-0292 Paint Exterior Security Screens *(09 91 13 00-0232)*

09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.24	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.25	
		For Electrostatic Painting, Add	*0.16*	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	2.06	
		For Electrostatic Painting, Add	*0.26*	

09 91 13 00-0296 Paint Exterior Window Guards *(09 91 13 00-0232)*

09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.24	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.25	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.06	

09 91 13 00-0300 Paint Exterior Window Trim *(09 91 13 00-0232)*

09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.06	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.06	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.70	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.34	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.34	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal WIndow Frame And Trim	2.27	

09 91 13 00-0307 Paint Exterior Roofing And Trim *(09 91 13)*

09 91 13 00-0308 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0307)*

09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	1.50	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	2.75	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	

09 91 13 00-0311 Paint Metal Roofing *(09 91 13 00-0307)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	0.76	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	1.32	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0314	SF	1 Coat Epoxy Polyamide Cured Resin Primer, Sprayed, Paint Metal Roof	0.82	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0315	SF	1 Coat Aliphatic Polyurethane, Sprayed, Paint Metal Roof	0.80	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	

09 91 13 00-0316 Paint Fascia Board *(09 91 13 00-0307)*

09 91 13 00-0317	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	0.61	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0318	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	0.61	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0319	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.07	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	

09 91 13 00-0320 Paint Soffit *(09 91 13 00-0307)*

09 91 13 00-0321	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	0.72	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0322	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	0.72	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0323	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	1.24	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0324 Special Coatings For Metal Roofs *(09 91 13 00-0307)*

09 91 13 00-0325	SF	Carboline Carboxane 950 Coating System With 15 year warranty	10.60	
09 91 13 00-0326	SF	Carboline Carbothane 134HG Coating System With 1 year warranty	6.42	

09 91 13 00-0327 Paint Metal Surfaces *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0328 Paint Structural Steel *(09 91 13 00-0327)*

09 91 13 00-0329 Paint Structural Steel, Brush Work *(09 91 13 00-0328)*

09 91 13 00-0330	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	0.86	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0331	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.76	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.10*	

09 91 13 00-0332 Paint Structural Steel, Spray Work *(09 91 13 00-0328)*

09 91 13 00-0333	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.67	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0334	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.56	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 13 00-0335 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0328)*

09 91 13 00-0336	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	0.76	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0337	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.76	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0338	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.27	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0339	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Bearms And Bar Joists	1.06	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0340	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.02	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0341	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.94	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For Epoxy Paint, Add	*0.30*	
09 91 13 00-0342	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	0.93	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0343	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	0.93	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0344	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	1.58	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For Epoxy Paint, Add	*0.25*	

09 91 13 00-0345 Paint Steel Pipes *(09 91 13 00-0327)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0346	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.40	
		For Electrostatic Painting, Add	*0.19*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0347	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.57	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0348	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	1.77	
		For Electrostatic Painting, Add	*0.24*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0349	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.20	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.25*	
09 91 13 00-0350	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	2.79	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0351	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.40	
		For Electrostatic Painting, Add	*0.19*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0352	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.57	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0353	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	1.77	
		For Electrostatic Painting, Add	*0.24*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0354	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	2.20	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.25*	
09 91 13 00-0355	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	2.79	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0356	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	2.87	
		For Electrostatic Painting, Add	*0.40*	
		For Epoxy Paint, Add	*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0357	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	3.13	
		For Electrostatic Painting, Add	*0.42*	
		For Epoxy Paint, Add	*0.37*	
09 91 13 00-0358	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	3.39	
		For Electrostatic Painting, Add	*0.46*	
		For Epoxy Paint, Add	*0.40*	
09 91 13 00-0359	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	4.28	
		For Electrostatic Painting, Add	*0.57*	
		For Epoxy Paint, Add	*0.50*	
09 91 13 00-0360	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	5.28	
		For Electrostatic Painting, Add	*0.71*	
		For Epoxy Paint, Add	*0.63*	
09 91 13 00-0361	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	6.62	
		For Electrostatic Painting, Add	*0.71*	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0362		**Paint Metal Louvers** *(09 91 13 00-0327)*		
09 91 13 00-0363	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.16	
		For Electrostatic Painting, Add	*0.14*	
09 91 13 00-0364	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.18	
		For Electrostatic Painting, Add	*0.15*	
09 91 13 00-0365	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	2.44	
		For Electrostatic Painting, Add	*0.31*	
09 91 13 00-0366		**Paint Ladders** *(09 91 13 00-0327)*		
09 91 13 00-0367	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	3.11	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0368	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	3.47	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0369	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	6.81	
		For Epoxy Paint, Add	*0.40*	
09 91 13 00-0370		**Paint Handrails** *(09 91 13 00-0327)*		
09 91 13 00-0371	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.26	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0372	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.39	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0373	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.27	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0374	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	2.38	
		For Epoxy Paint, Add	*0.33*	
09 91 13 00-0375	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	2.59	
		For Epoxy Paint, Add	*0.34*	
09 91 13 00-0376	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	4.41	
		For Epoxy Paint, Add	*0.54*	
09 91 13 00-0377	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	2.55	
		For Epoxy Paint, Add	*0.34*	
09 91 13 00-0378	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	2.79	
		For Epoxy Paint, Add	*0.35*	
09 91 13 00-0379	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	4.67	
		For Epoxy Paint, Add	*0.55*	
09 91 13 00-0380	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.42	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0381	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	1.55	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0382	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	2.85	
		For Epoxy Paint, Add	*0.35*	
09 91 13 00-0383		**Paint Grating** *(09 91 13 00-0327)*		
09 91 13 00-0384	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	2.27	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0385	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	2.32	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0386	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	3.50	
		For Epoxy Paint, Add	*0.30*	
09 91 13 00-0387		**Equipment And Tanks** *(09 91 13 00-0327)*		
09 91 13 00-0388		**Paint Valves** *(09 91 13 00-0387)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0389	EA	Prime And Paint 4" And Smaller Valve	24.45	
09 91 13 00-0390	EA	Prime And Paint 6" To 10" Valve	30.10	
09 91 13 00-0391	EA	Prime And Paint 12" To 18" Valve	39.50	
09 91 13 00-0392	EA	Prime And Paint 20" To 24" Valve	52.62	
09 91 13 00-0393	EA	Prime And Paint >24" To 36" Valve	71.41	
09 91 13 00-0394	EA	Prime And Paint >36" To 48" Valve	97.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0395		**Paint Pumps And Motors** *(09 91 13 00-0387)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0396	EA	Prime And Paint Pump Under 1 HP	75.27	
09 91 13 00-0397	EA	Prime And Paint Pump, 1 HP To 5 HP	99.86	
09 91 13 00-0398	EA	Prime And Paint Pump, >5 HP To 10 HP	120.72	
09 91 13 00-0399	EA	Prime And Paint Pump, >10 HP To 20 HP	135.93	
09 91 13 00-0400	EA	Prime And Paint Pump, >20 HP To 30 HP	158.58	
09 91 13 00-0401	EA	Prime And Paint Pump, >30 HP To 50 HP	181.23	
09 91 13 00-0402	EA	Prime And Paint Pump, >50 HP To 75 HP	200.16	
09 91 13 00-0403	EA	Prime And Paint Pump, >75 HP	226.54	
09 91 13 00-0404		**Paint Storage Tanks** *(09 91 13 00-0387)*		
09 91 13 00-0405	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	0.97	
09 91 13 00-0406	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.29	
09 91 13 00-0407	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	2.46	
09 91 13 00-0408	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.28	
09 91 13 00-0409	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	1.64	
09 91 13 00-0410	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.15	
09 91 13 00-0411	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.08	
09 91 13 00-0412	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.34	
09 91 13 00-0413	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	2.60	
09 91 13 00-0414	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.23	
09 91 13 00-0415	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.63	
09 91 13 00-0416	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.15	
09 91 13 00-0417		**Other Site Work Painting** *(09 91 13)*		
09 91 13 00-0418		**Paint Fencing** *(09 91 13 00-0417)*		
		Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0419	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.70	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0420	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.33	
		For Epoxy Paint, Add	*0.17*	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0421	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.68	
		For Epoxy Paint, Add	*0.10*	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0422	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.27	
		For Epoxy Paint, Add	*0.20*	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
09 91 13 00-0423	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.66	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0424	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.61	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0425	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.44	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
09 91 13 00-0426	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	0.78	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0427	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	0.78	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0428	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.56	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0429	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.57	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0430	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.03	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0431	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.48	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0432	SF	2 Coats Paint, Sprayed, Paint Wood Fences	0.90	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	

09 91 13 00-0433 Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0417)*

09 91 13 00-0434	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	2.42	
09 91 13 00-0435	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	2.42	
09 91 13 00-0436	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	4.31	
09 91 13 00-0437	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.58	
09 91 13 00-0438	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.59	
09 91 13 00-0439	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.94	

09 91 13 00-0440 Paint Shutters Or Blinds, Louvered Panel *(09 91 13 00-0417)*

09 91 13 00-0441	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.00	
09 91 13 00-0442	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.00	
09 91 13 00-0443	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	5.33	
09 91 13 00-0444	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	1.93	
09 91 13 00-0445	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	1.94	
09 91 13 00-0446	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	3.57	

09 91 13 00-0447 Paint Flagpoles *(09 91 13 00-0417)*

09 91 13 00-0448	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	205.44	
09 91 13 00-0449	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	276.95	
09 91 13 00-0450	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	348.49	
09 91 13 00-0451	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	420.05	
09 91 13 00-0452	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	558.71	
09 91 13 00-0453	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	629.71	
09 91 13 00-0454	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	700.71	

09 91 13 00-0455 Paint Lattice Or Trellis *(09 91 13 00-0417)*

09 91 13 00-0456	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.24	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0457	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	2.30	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	

09 91 13 00-0458 Paint Exterior Stairs *(09 91 13)*

09 91 13 00-0459 Paint Exterior Concrete Stairs *(09 91 13 00-0458)*

09 91 13 00-0460	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	13.32	
09 91 13 00-0461	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	13.32	
09 91 13 00-0462	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	19.00	
09 91 13 00-0463	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	35.15	
09 91 13 00-0464	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	26.65	

09 91 13 00-0465 Paint Exterior Metal Stairs *(09 91 13 00-0458)*

09 91 13 00-0466	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	7.17	
		For Oil Based Paint, Add	*0.40*	
09 91 13 00-0467	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	7.17	
		For Oil Based Paint, Add	*0.40*	
09 91 13 00-0468	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	14.35	
		For Oil Based Paint, Add	*0.79*	

09 91 13 00-0469 Paint Exterior Wood Stairs *(09 91 13 00-0458)*

09 91 13 00-0470	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	6.89	
09 91 13 00-0471	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	6.89	
09 91 13 00-0472	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	12.57	
09 91 13 00-0473	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	28.72	
09 91 13 00-0474	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	13.78	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0475		**Paint Exterior Stair Nosing** *(09 91 13 00-0458)*		
09 91 13 00-0476	LF	1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.29	
09 91 13 00-0477		**Paint Exterior Trim** *(09 91 13)*		
09 91 13 00-0478		**Paint Exterior Metal Trim And Gutters** *(09 91 13 00-0477)*		
09 91 13 00-0479	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	0.96	
09 91 13 00-0480	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.04	
09 91 13 00-0481	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.87	
09 91 13 00-0482	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	0.87	
09 91 13 00-0483	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	0.95	
09 91 13 00-0484	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.69	
09 91 13 00-0485	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.49	
09 91 13 00-0486	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	1.84	
09 91 13 00-0487		**Paint Exterior Wood Trim** *(09 91 13 00-0477)*		
09 91 13 00-0488	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0489	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	1.40	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0490	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	2.54	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0491	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0492	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.14	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0493	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	2.12	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0494	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0495	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0496	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim		1.86	
		For Oil Based Paint, Add		*0.12*	
		For Work >15' To 20' Above Floor, Add		*0.19*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.32*	
		Note: Applied only to work area above 20'.			
		For Work >30' To 40' Above Floor, Add		*0.51*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.70*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*1.04*	
		For >100 To 250, Add		*0.50*	
		For >250 To 500, Add		*0.22*	
		For >2,500 To 5,000, Deduct		*-0.09*	
		For >5,000 To 10,000, Deduct		*-0.19*	
		For >10,000 To 20,000, Deduct		*-0.28*	
		For >20,000, Deduct		*-0.37*	

09 91 13 00-0497 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0498	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces		1.16	
		For Epoxy Paint, Add		*0.15*	
		For Electrostatic Painting, Add		*0.16*	
09 91 13 00-0499	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces		1.05	
		For Epoxy Paint, Add		*0.11*	
		For Electrostatic Painting, Add		*0.14*	
09 91 13 00-0500	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces		2.13	
		For Epoxy Paint, Add		*0.24*	
		For Electrostatic Painting, Add		*0.28*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0327 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls		0.16	
		For Work >15' To 20' Above Floor, Add		*0.02*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.03*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.05*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.07*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.10*	
		For >100 To 250, Add		*0.05*	
		For >250 To 500, Add		*0.02*	
		For >2,500 To 5,000, Deduct		*-0.01*	
		For >5,000 To 10,000, Deduct		*-0.02*	
		For >10,000 To 20,000, Deduct		*-0.02*	
		For >20,000, Deduct		*-0.03*	
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls		0.84	
		For Oil Based Paint, Add		*0.05*	
		For Work >15' To 20' Above Floor, Add		*0.10*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.17*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.27*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.37*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.53*	
		For >100 To 250, Add		*0.25*	
		For >250 To 500, Add		*0.11*	
		For >2,500 To 5,000, Deduct		*-0.04*	
		For >5,000 To 10,000, Deduct		*-0.08*	
		For >10,000 To 20,000, Deduct		*-0.13*	
		For >20,000, Deduct		*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0005	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0006	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	1.74	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	1.48	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0010	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0011	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	
09 91 23 00-0012	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.24	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Backroll, Add	*0.14*	
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	0.87	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0014	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	0.72	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0015	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.68	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	

09 91 23 00-0016 Paint Interior Concrete Walls *(09 91 23 00-0001)*

09 91 23 00-0017	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.13	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0018	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0019	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	0.78	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0020	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0021	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0022	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0023	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.21	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0024	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Backroll, Add	*0.06*	
09 91 23 00-0025	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.08*	
09 91 23 00-0026	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.12*	
09 91 23 00-0027	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	0.74	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0028	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.61	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0029	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.55	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Backroll, Add	*0.06*	

09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)*

09 91 23 00-0032	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.38	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.00	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.15	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.06	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.82	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	0.91	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.71	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.71	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	0.87	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.57	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
		For Backroll, Add	*0.17*	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.18	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0044	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0045	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0046	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	1.99	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.22	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0048	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0049	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0050	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.66	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0051	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.03	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0052	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0053	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	0.84	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.20	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.11*	

09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*

09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	0.81	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.77	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	

09 91 23 00-0060 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

09 91 23 00-0061 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Iinterior Plaster/Drywall Walls	0.75	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.45	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.20*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0066	SF	3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	2.06	
		For Oil Based Paint, Add	*0.12*	
		For Orange Peel Finish, Add	*0.29*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0067	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0068	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0069	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0070	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Backroll, Add	*0.06*	
09 91 23 00-0071	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.08*	
09 91 23 00-0072	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.12*	

09 91 23 00-0073 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

09 91 23 00-0074	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	1.62	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0075	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	1.75	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0076	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	1.89	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	

09 91 23 00-0077 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

09 91 23 00-0078	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.68	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0079	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.80	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0080	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.24	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0081	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.21	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0082		Paint Interior Metal Walls *(09 91 23 00-0001)*		
09 91 23 00-0083		Paint Interior Galvanized Walls *(09 91 23 00-0082)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0084	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	0.98	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0085	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.08	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0086	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.97	
		For Electrostatic Painting, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0087	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	0.74	
		For Electrostatic Painting, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0088	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	0.84	
		For Electrostatic Painting, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0089	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	1.59	
		For Electrostatic Painting, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0090	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.68	
		For Electrostatic Painting, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.07*	
09 91 23 00-0091	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	0.87	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0092	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.46	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Backroll, Add	*0.15*	
09 91 23 00-0093		Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23.00-0082)*		
		Note: Alkyd enamel paint.		
09 91 23 00-0094	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	0.98	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0095	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.08	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0096	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.96	
		For Electrostatic Painting, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0097	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	0.84	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0098	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	0.93	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0099	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.77	
		For Electrostatic Painting, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0100	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.74	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.08*	
09 91 23 00-0101	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.87	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0102	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.46	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Backroll, Add	*0.15*	
09 91 23 00-0103		Paint Interior Corrugated Metal Walls *(09 91 23 00-0082)*		
09 91 23 00-0104	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	0.82	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.08*	
09 91 23 00-0105	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.08	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.12*	
09 91 23 00-0106	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.83	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
		For Backroll, Add	*0.19*	
09 91 23 00-0107		Paint Interior Stucco Walls *(09 91 23 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0108	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces	0.22	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0109	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.23	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0110	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0111	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	2.40	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.11*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0112	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	0.93	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0113	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.06	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0114	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.95	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0115	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0116	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0117	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.72	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
		For Backroll, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0118		Paint Interior Wood Walls *(09 91 23 00-0001)*		
09 91 23 00-0119		Interior Wood Walls *(09 91 23 00-0118)*		
09 91 23 00-0120	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.15	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0121	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0122	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.69	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0123	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.40	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0124	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0125	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0126	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.32	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0127	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Backroll, Add	*0.06*	
09 91 23 00-0128	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0129	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	
09 91 23 00-0130		Paint Interior Ceilings *(09 91 23)*		
09 91 23 00-0131		Paint Interior Acoustical Ceilings *(09 91 23 00-0130)*		
		Note: Includes grid.		
09 91 23 00-0132	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.25	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0133	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0134	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0135	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	1.58	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0136	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0137	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0138	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0139	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0140	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0141	SF	2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.13*	

09 91 23 00-0142 Paint Interior Concrete Ceilings *(09 91 23 00-0130)*

09 91 23 00-0143	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.15	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0144	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0145	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0146	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	1.58	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0147	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0148	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0149	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0150	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0151	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0152	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0153	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	0.84	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0154	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.65	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0155	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.66	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	

09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0130)*

09 91 23 00-0157	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.15	
		For Epoxy Paint, Add	*0.01*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0158	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	0.81	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0159	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	0.89	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0160	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.58	
		For Epoxy Paint, Add	*0.15*	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0161	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.70	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.69	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0163	SF	2 Coats Paints, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.29	
		For Epoxy Paint, Add	*0.13*	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0164	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.67	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0165	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.65	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0166	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.04	
		For Epoxy Paint, Add	*0.13*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.13*	
09 91 23 00-0167		Paint Interior Metal Ceilings *(09 91 23 00-0130)*		
09 91 23 00-0168		Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0167)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0169	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.08	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0170	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.18	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0171	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	2.16	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0172	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	0.83	
		For Electrostatic Painting, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0173	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	0.93	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0174	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.73	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0175	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	0.87	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0176	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	0.99	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0177	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	1.59	
		For Electrostatic Painting, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Backroll, Add	*0.17*	

09 91 23 00-0178 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0167)*

Note: Alkyd enamel paint.

09 91 23 00-0179	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.08	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0180	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.18	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0181	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.16	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.93	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0183	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.03	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0184	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.96	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0185	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.87	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0186	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.99	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0187	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.59	
		For Electrostatic Painting, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Backroll, Add	*0.17*	

09 91 23 00-0188 Paint Interior Ceiling Tile Grid *(09 91 23 00-0167)*

Note: Grid only.

09 91 23 00-0189	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.22	
		For Electrostatic Painting, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0190	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.46	
		For Electrostatic Painting, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	

09 91 23 00-0191 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0167)*

09 91 23 00-0192	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.14	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0193	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.31	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.15*	
09 91 23 00-0194	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	2.13	
		For Electrostatic Painting, Add	*0.35*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Backroll, Add	*0.23*	

09 91 23 00-0195 Paint Interior Wood Ceilings *(09 91 23 00-0130)*

09 91 23 00-0196 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0195)*

09 91 23 00-0197	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0198	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0199	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0200	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.88	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0201	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0202	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0203	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.64	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0204	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0205	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0206	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.21	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.15*	

09 91 23 00-0207 Paint Interior Wood Beams *(09 91 23 00-0130)*

09 91 23 00-0208	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0209	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.13	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0210	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	2.05	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0211	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0212	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0213	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	1.64	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0214	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0215	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0216	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.32	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.17*	
09 91 23 00-0217		Paint Interior Floors And Decks *(09 91 23)*		
09 91 23 00-0218		Paint Interior Concrete Floors And Decks *(09 91 23 00-0217)*		
09 91 23 00-0219	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.12	
		For Up To 100, Add	*0.08*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	
09 91 23 00-0220	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0221	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0222	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0223	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0224	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0225	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.98	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0226	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Backroll, Add	*0.06*	
09 91 23 00-0227	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Backroll, Add	*0.07*	
09 91 23 00-0228	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0229	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.65	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0230	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.64	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0231	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.54	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Backroll, Add	*0.06*	
09 91 23 00-0232	SF	1 Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.07	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0233	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.10	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.31*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000 To 20,000, Deduct	*-0.92*	
		For >20,000, Deduct	*-1.22*	

09 91 23 00-0234 Paint Interior Wood Floors And Decks *(09 91 23 00-0217)*

09 91 23 00-0235	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0236	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0237	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0238	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	1.58	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0239	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0240	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0241	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.35	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0242	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Backroll, Add	*0.07*	
09 91 23 00-0243	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0244	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.11*	
09 91 23 00-0245	SF	1 Coat Non Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.07	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0246	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.10	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.31*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000 To 20,000, Deduct	*-0.92*	
		For >20,000, Deduct	*-1.22*	

09 91 23 00-0247 Paint Interior Doors And Windows *(09 91 23)*

09 91 23 00-0248 Paint Interior Door Frames *(09 91 23 00-0247)*

09 91 23 00-0249	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Painting One Face Of Frame Only, Deduct	*-0.25*	
09 91 23 00-0250	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.21	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0251	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trime	2.05	
		For Oil Based Paint, Add	*0.11*	
		For Painting One Face Of Frame Only, Deduct	*-0.54*	
09 91 23 00-0252	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.27*	
09 91 23 00-0253	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.26	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0254	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.12	
		For Oil Based Paint, Add	*0.12*	
		For Painting One Face Of Frame Only, Deduct	*-0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0255		Paint Interior Metal Doors *(09 91 23 00-0247)*		
09 91 23 00-0256	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	48.86	
		For Electrostatic Painting, Add	*7.98*	
		For Half Louvered Door, Add	*4.24*	
		For Full Louvered Door, Add	*7.06*	
		For Oil Based Paint, Add	*3.47*	
		For >5 To 10, Deduct	*-2.44*	
		For >10 To 25, Deduct	*-4.89*	
		For >25, Deduct	*-7.33*	
09 91 23 00-0257	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	48.86	
		For Electrostatic Painting, Add	*7.98*	
		For Half Louvered Door, Add	*4.24*	
		For Full Louvered Door, Add	*7.06*	
		For Oil Based Paint, Add	*3.47*	
		For >5 To 10, Deduct	*-2.44*	
		For >10 To 25, Deduct	*-4.89*	
		For >25, Deduct	*-7.33*	
09 91 23 00-0258	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	88.67	
		For Electrostatic Painting, Add	*15.01*	
		For Half Louvered Door, Add	*7.16*	
		For Full Louvered Door, Add	*11.93*	
		For Oil Based Paint, Add	*6.48*	
		For >5 To 10, Deduct	*-4.43*	
		For >10 To 25, Deduct	*-8.87*	
		For >25, Deduct	*-13.30*	
09 91 23 00-0259	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	87.68	
		For Electrostatic Painting, Add	*14.32*	
		For Half Louvered Door, Add	*7.60*	
		For Full Louvered Door, Add	*12.66*	
		For Oil Based Paint, Add	*6.24*	
		For >5 To 10, Deduct	*-4.38*	
		For >10 To 25, Deduct	*-8.77*	
		For >25, Deduct	*-13.15*	
09 91 23 00-0260	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	87.69	
		For Electrostatic Painting, Add	*14.32*	
		For Half Louvered Door, Add	*7.60*	
		For Full Louvered Door, Add	*12.67*	
		For Oil Based Paint, Add	*6.24*	
		For >5 To 10, Deduct	*-4.38*	
		For >10 To 25, Deduct	*-8.77*	
		For >25, Deduct	*-13.15*	
09 91 23 00-0261	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	159.77	
		For Electrostatic Painting, Add	*27.09*	
		For Half Louvered Door, Add	*12.86*	
		For Full Louvered Door, Add	*21.43*	
		For Oil Based Paint, Add	*11.69*	
		For >5 To 10, Deduct	*-7.99*	
		For >10 To 25, Deduct	*-15.98*	
		For >25, Deduct	*-23.97*	
09 91 23 00-0262	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	44.93	
		For Electrostatic Painting, Add	*7.89*	
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For Oil Based Paint, Add	*3.38*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.49*	
		For >25, Deduct	*-6.74*	
		For Backroll, Add	*4.47*	
09 91 23 00-0263	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	44.93	
		For Electrostatic Painting, Add	*7.89*	
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For Oil Based Paint, Add	*3.38*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.49*	
		For >25, Deduct	*-6.74*	
		For Backroll, Add	*4.47*	
09 91 23 00-0264	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	82.64	
		For Electrostatic Painting, Add	*15.02*	
		For Half Louvered Door, Add	*5.64*	
		For Full Louvered Door, Add	*9.40*	
		For Oil Based Paint, Add	*6.38*	
		For >5 To 10, Deduct	*-4.13*	
		For >10 To 25, Deduct	*-8.26*	
		For >25, Deduct	*-12.40*	
		For Backroll, Add	*7.89*	
09 91 23 00-0265	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	80.65	
		For Electrostatic Painting, Add	*14.17*	
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For Oil Based Paint, Add	*6.07*	
		For >5 To 10, Deduct	*-4.03*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.10*	
		For Backroll, Add	*8.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0266	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	80.65	
		For Electrostatic Painting, Add	*14.17*	
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For Oil Based Paint, Add	*6.07*	
		For >5 To 10, Deduct	*-4.03*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.10*	
		For Backroll, Add	*8.02*	
09 91 23 00-0267	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	149.02	
		For Electrostatic Painting, Add	*27.12*	
		For Half Louvered Door, Add	*10.13*	
		For Full Louvered Door, Add	*16.89*	
		For Oil Based Paint, Add	*11.52*	
		For >5 To 10, Deduct	*-7.45*	
		For >10 To 25, Deduct	*-14.90*	
		For >25, Deduct	*-22.35*	
		For Backroll, Add	*14.21*	

09 91 23 00-0268 Paint Interior Wood Doors *(09 91 23 00-0247)*

09 91 23 00-0269	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	40.98	
		For Oil Based Paint, Add	*2.69*	
		For Half Louvered Door, Add	*4.24*	
		For Full Louvered Door, Add	*7.06*	
		For >5 To 10, Deduct	*-2.05*	
		For >10 To 25, Deduct	*-4.10*	
		For >25, Deduct	*-6.15*	
09 91 23 00-0270	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	40.98	
		For Oil Based Paint, Add	*2.69*	
		For Half Louvered Door, Add	*4.24*	
		For Full Louvered Door, Add	*7.06*	
		For >5 To 10, Deduct	*-2.05*	
		For >10 To 25, Deduct	*-4.10*	
		For >25, Deduct	*-6.15*	
09 91 23 00-0271	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	73.03	
		For Oil Based Paint, Add	*4.92*	
		For Half Louvered Door, Add	*7.16*	
		For Full Louvered Door, Add	*11.93*	
		For >5 To 10, Deduct	*-3.65*	
		For >10 To 25, Deduct	*-7.30*	
		For >25, Deduct	*-10.95*	
09 91 23 00-0272	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	73.54	
		For Oil Based Paint, Add	*4.82*	
		For Half Louvered Door, Add	*7.60*	
		For Full Louvered Door, Add	*12.67*	
		For >5 To 10, Deduct	*-3.68*	
		For >10 To 25, Deduct	*-7.35*	
		For >25, Deduct	*-11.03*	
09 91 23 00-0273	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	73.54	
		For Oil Based Paint, Add	*4.82*	
		For Half Louvered Door, Add	*7.60*	
		For Full Louvered Door, Add	*12.67*	
		For >5 To 10, Deduct	*-3.68*	
		For >10 To 25, Deduct	*-7.35*	
		For >25, Deduct	*-11.03*	
09 91 23 00-0274	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	131.47	
		For Oil Based Paint, Add	*8.86*	
		For Half Louvered Door, Add	*12.86*	
		For Full Louvered Door, Add	*21.43*	
		For >5 To 10, Deduct	*-6.57*	
		For >10 To 25, Deduct	*-13.15*	
		For >25, Deduct	*-19.72*	
09 91 23 00-0275	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	36.27	
		For Oil Based Paint, Add	*2.51*	
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For >5 To 10, Deduct	*-1.81*	
		For >10 To 25, Deduct	*-3.63*	
		For >25, Deduct	*-5.44*	
		For Backroll, Add	*4.04*	
09 91 23 00-0276	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	36.27	
		For Oil Based Paint, Add	*2.51*	
		For Half Louvered Door, Add	*3.34*	
		For Full Louvered Door, Add	*5.57*	
		For >5 To 10, Deduct	*-1.81*	
		For >10 To 25, Deduct	*-3.63*	
		For >25, Deduct	*-5.44*	
		For Backroll, Add	*4.04*	
09 91 23 00-0277	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	65.45	
		For Oil Based Paint, Add	*4.66*	
		For Half Louvered Door, Add	*5.64*	
		For Full Louvered Door, Add	*9.40*	
		For >5 To 10, Deduct	*-3.27*	
		For >10 To 25, Deduct	*-6.55*	
		For >25, Deduct	*-9.82*	
		For Backroll, Add	*7.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0278	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	65.09	
		For Oil Based Paint, Add	*4.51*	
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For >5 To 10, Deduct	*-3.25*	
		For >10 To 25, Deduct	*-6.51*	
		For >25, Deduct	*-9.76*	
		For Backroll, Add	*7.25*	
09 91 23 00-0279	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	65.09	
		For Oil Based Paint, Add	*4.51*	
		For Half Louvered Door, Add	*5.99*	
		For Full Louvered Door, Add	*9.98*	
		For >5 To 10, Deduct	*-3.25*	
		For >10 To 25, Deduct	*-6.51*	
		For >25, Deduct	*-9.76*	
		For Backroll, Add	*7.25*	
09 91 23 00-0280	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	117.89	
		For Oil Based Paint, Add	*8.41*	
		For Half Louvered Door, Add	*10.13*	
		For Full Louvered Door, Add	*16.89*	
		For >5 To 10, Deduct	*-5.89*	
		For >10 To 25, Deduct	*-11.79*	
		For >25, Deduct	*-17.68*	
		For Backroll, Add	*12.65*	

09 91 23 00-0281 Paint Interior Metal Windows *(09 91 23 00-0247)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0282	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	77.02	
		For Oil Based Paint, Add	*4.54*	
		For Electrostatic Painting, Add	*9.75*	
		For >5 To 10, Deduct	*-3.85*	
		For >10 To 25, Deduct	*-7.70*	
		For >25, Deduct	*-11.55*	
09 91 23 00-0283	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	94.21	
		For Oil Based Paint, Add	*5.77*	
		For Electrostatic Painting, Add	*12.59*	
		For >5 To 10, Deduct	*-4.71*	
		For >10 To 25, Deduct	*-9.42*	
		For >25, Deduct	*-14.13*	
09 91 23 00-0284	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	127.47	
		For Oil Based Paint, Add	*7.88*	
		For Electrostatic Painting, Add	*17.25*	
		For >5 To 10, Deduct	*-6.37*	
		For >10 To 25, Deduct	*-12.75*	
		For >25, Deduct	*-19.12*	
09 91 23 00-0285	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	143.58	
		For Oil Based Paint, Add	*8.88*	
		For Electrostatic Painting, Add	*19.45*	
		For >5 To 10, Deduct	*-7.18*	
		For >10 To 25, Deduct	*-14.36*	
		For >25, Deduct	*-21.54*	
09 91 23 00-0286	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	159.14	
		For Oil Based Paint, Add	*9.82*	
		For Electrostatic Painting, Add	*21.52*	
		For >5 To 10, Deduct	*-7.96*	
		For >10 To 25, Deduct	*-15.91*	
		For >25, Deduct	*-23.87*	
09 91 23 00-0287	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	5.05	
		For Oil Based Paint, Add	*0.31*	
		For Electrostatic Painting, Add	*0.68*	

09 91 23 00-0288 Paint Interior Wood Windows *(09 91 23 00-0247)*

Note: Two finish coats paint over primer.

09 91 23 00-0289	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	71.80	
		For Oil Based Paint, Add	*4.01*	
		For >5 To 10, Deduct	*-3.59*	
		For >10 To 25, Deduct	*-7.18*	
		For >25, Deduct	*-10.77*	
09 91 23 00-0290	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	86.13	
		For Oil Based Paint, Add	*4.96*	
		For >5 To 10, Deduct	*-4.31*	
		For >10 To 25, Deduct	*-8.61*	
		For >25, Deduct	*-12.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0291	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	122.10	
		For Oil Based Paint, Add	*7.03*	
		For >5 To 10, Deduct	*-6.11*	
		For >10 To 25, Deduct	*-12.21*	
		For >25, Deduct	*-18.32*	
09 91 23 00-0292	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	137.48	
		For Oil Based Paint, Add	*7.92*	
		For >5 To 10, Deduct	*-6.87*	
		For >10 To 25, Deduct	*-13.75*	
		For >25, Deduct	*-20.62*	
09 91 23 00-0293	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	144.87	
		For Oil Based Paint, Add	*8.40*	
		For >5 To 10, Deduct	*-7.24*	
		For >10 To 25, Deduct	*-14.49*	
		For >25, Deduct	*-21.73*	
09 91 23 00-0294	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	4.84	
		For Oil Based Paint, Add	*0.28*	

09 91 23 00-0295 Paint Interior Security Screens *(09 91 23 00-0247)*

09 91 23 00-0296	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Electrostatic Painting, Add	*0.17*	
09 91 23 00-0297	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.16*	
09 91 23 00-0298	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen	2.06	
		For Oil Based Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.26*	

09 91 23 00-0299 Paint Interior Window Guards *(09 91 23 00-0247)*

09 91 23 00-0300	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.24	
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0301	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards	1.25	
		For Oil Based Paint, Add	*0.07*	
09 91 23 00-0302	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards	2.06	
		For Oil Based Paint, Add	*0.12*	

09 91 23 00-0303 Paint Interior Window Trim *(09 91 23 00-0247)*

09 91 23 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	2.50	
		For Oil Based Paint, Add	*0.15*	
		For Painting One Face Of Frame Only, Deduct	*-0.70*	
09 91 23 00-0307	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.37	
		For Painting One Face Of Frame Only, Deduct	*-0.41*	
09 91 23 00-0308	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.37	
		For Painting One Face Of Frame Only, Deduct	*-0.41*	
09 91 23 00-0309	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	2.93	
		For Painting One Face Of Frame Only, Deduct	*-0.87*	

09 91 23 00-0310 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0311 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0310)*

09 91 23 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.04	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0313	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.43	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0314	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	2.33	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0315		**Paint Exposed Metal Lockers** *(09 91 23 00-0310)*		
09 91 23 00-0316	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.16	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0317	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.14	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0318	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.13	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0319		**Paint Interior Stairs** *(09 91 23)*		
09 91 23 00-0320		**Paint Interior Concrete Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0321	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	14.75	
09 91 23 00-0322	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	14.75	
09 91 23 00-0323	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	13.29	
09 91 23 00-0324	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	29.44	
09 91 23 00-0325	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	29.51	
09 91 23 00-0326		**Paint Interior Metal Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0327	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	8.19	
09 91 23 00-0328	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	7.89	
09 91 23 00-0329	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	15.78	
09 91 23 00-0330		**Paint Interior Wood Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0331	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	7.61	
09 91 23 00-0332	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	7.61	
09 91 23 00-0333	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	9.71	
09 91 23 00-0334	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	25.86	
09 91 23 00-0335	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	15.21	
09 91 23 00-0336		**Paint Interior Stair Nosing** *(09 91 23 00-0319)*		
09 91 23 00-0337	LF	1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.29	
09 91 23 00-0338		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0339		**Paint Interior Metal Trim** *(09 91 23 00-0338)*		
09 91 23 00-0340	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.04	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0341	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.13	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0342	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	2.04	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.91*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0343	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	0.88	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0344	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	0.95	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0345	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.71	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0346		Paint Interior Wood Trim *(09 91 23 00-0338)*		
09 91 23 00-0347	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	0.64	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0348	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.71	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0349	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.48	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0350	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	1.97	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0351	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.19	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0352	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	3.98	
		For Work >15' To 20' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.89*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.23*	
09 91 23 00-0353	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	1.62	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0354	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	1.82	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0355	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	3.27	
		For Work >15' To 20' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.50*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.19*	
09 91 23 00-0356		**Paint Additives** *(09 91 23)*		
09 91 23 00-0357	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0358	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.07	
		For Class "A" Fire Rating, Add	*0.07*	
09 91 23 00-0359		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0360	EA	Up To 1" High, Hand Paint, Per Letter/Number	1.99	
09 91 23 00-0361	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.32	
09 91 23 00-0362	EA	2" To 3" High, Hand Paint, Per Letter/Number	3.51	
09 91 23 00-0363	EA	3" To 4" High, Hand Paint, Per Letter/Number	4.29	
09 91 23 00-0364	EA	4" To 6" High, Hand Paint, Per Letter/Number	5.92	
09 91 23 00-0365	EA	6" To 12" High, Hand Paint, Per Letter/Number	7.50	
09 91 23 00-0366	EA	Over 12" High, Hand Paint, Per Letter/Number	8.79	
09 91 23 00-0367		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0368		**Conduit/Pipe** *(09 91 23 00-0367)*		
09 91 23 00-0369	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	37.62	
		For Work >15' To 20' Above Floor, Add	*5.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.77*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.03*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.29*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0370	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	62.57	
		For Work >15' To 20' Above Floor, Add	*6.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*16.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.15*	
		Note: Applied only to work area above 40'.		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0371	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt		49.31	
		For Work >15' To 20' Above Floor, Add		*4.63*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*7.72*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*12.34*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*16.97*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0372	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt		40.43	
		For Work >15' To 20' Above Floor, Add		*3.47*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*5.79*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*9.26*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*12.73*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0373	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt		76.74	
		For Work >15' To 20' Above Floor, Add		*5.26*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*8.77*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*14.03*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*19.29*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0374	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt		70.80	
		For Work >15' To 20' Above Floor, Add		*4.63*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*7.72*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*12.34*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*16.97*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0375		Ductwork *(09 91 23 00-0367)*			
09 91 23 00-0376	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt		37.62	
		For Work >15' To 20' Above Floor, Add		*5.26*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*8.77*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*14.03*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*19.29*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0377	CSF	Metal Primer Ductwork With Glove/Mitt		61.84	
		For Work >15' To 20' Above Floor, Add		*5.26*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*8.77*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*14.03*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*19.29*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0378	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt		44.81	
		For Work >15' To 20' Above Floor, Add		*4.21*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*7.02*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*11.22*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*15.43*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0379	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt		73.75	
		For Work >15' To 20' Above Floor, Add		*5.26*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*8.77*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*14.03*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*19.29*	
		Note: Applied only to work area above 40'.			
09 91 23 00-0380	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt		64.31	
		For Work >15' To 20' Above Floor, Add		*4.21*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*7.02*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*11.22*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*15.43*	
		Note: Applied only to work area above 40'.			

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0381		Paint Interior Miscellaneous Metal Surfaces *(09 91 23)*			
09 91 23 00-0382	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces		0.71	
		For Electrostatic Painting, Add		*0.10*	
		For Work >15' To 20' Above Floor, Add		*0.08*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.13*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.20*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.28*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.41*	
		For >100 To 250, Add		*0.20*	
		For >250 To 500, Add		*0.09*	
		For >2,500 To 5,000, Deduct		*-0.04*	
		For >5,000 To 10,000, Deduct		*-0.07*	
		For >10,000 To 20,000, Deduct		*-0.11*	
		For >20,000, Deduct		*-0.14*	
09 91 23 00-0383	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces		0.86	
		For Electrostatic Painting, Add		*0.12*	
		For Work >15' To 20' Above Floor, Add		*0.10*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.17*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.26*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.36*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.53*	
		For >100 To 250, Add		*0.25*	
		For >250 To 500, Add		*0.11*	
		For >2,500 To 5,000, Deduct		*-0.04*	
		For >5,000 To 10,000, Deduct		*-0.09*	
		For >10,000 To 20,000, Deduct		*-0.13*	
		For >20,000, Deduct		*-0.17*	
09 91 23 00-0384	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces		1.45	
		For Electrostatic Painting, Add		*0.19*	
		For Work >15' To 20' Above Floor, Add		*0.17*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.29*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.46*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.63*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.91*	
		For >100 To 250, Add		*0.43*	
		For >250 To 500, Add		*0.19*	
		For >2,500 To 5,000, Deduct		*-0.07*	
		For >5,000 To 10,000, Deduct		*-0.15*	
		For >10,000 To 20,000, Deduct		*-0.22*	
		For >20,000, Deduct		*-0.29*	
09 91 23 00-0385	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces		1.02	
		For Electrostatic Painting, Add		*0.14*	
		For Work >15' To 20' Above Floor, Add		*0.12*	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		*0.20*	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		*0.32*	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		*0.44*	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		*0.63*	
		For >100 To 250, Add		*0.30*	
		For >250 To 500, Add		*0.13*	
		For >2,500 To 5,000, Deduct		*-0.05*	
		For >5,000 To 10,000, Deduct		*-0.10*	
		For >10,000 To 20,000, Deduct		*-0.15*	
		For >20,000, Deduct		*-0.20*	
		For Backroll, Add		*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0386	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.02	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.13*	
09 91 23 00-0387	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.56	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Backroll, Add	*0.20*	

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	50.97
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	30.89
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	39.17
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	116.64
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	32.30
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	49.80
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	39.98
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	30.89
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	28.06
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	49.47
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	41.19
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	41.19
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	46.44
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	30.29
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	87.24
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	32.30
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	25.84
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	66.83
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	41.67
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	47.02

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	22.61
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	112.12
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type	12.11
		Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	70.06
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	36.75
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	12.11
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	18.37
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	37.15
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	49.47
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	40.38
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	37.02
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	35.13
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	41.39
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	36.75
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	52.31
09 91 33 00-0038	GAL	Cold Galvanizing Paint	326.92
09 91 33 00-0039	GAL	High Heat Paint	123.51
09 91 33 00-0040	GAL	Heat Resistant Paint	82.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0041	GAL	Zinc Chromate Paint	74.50	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	29.41	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	82.34	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	36.75	
09 91 33 00-0045	GAL	Alkyd Latex, Black	55.54	
09 91 33 00-0046	GAL	Alkyd Latex, White	55.54	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	66.98	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	75.15	
09 91 33 00-0049	GAL	Vinyl Paint	61.78	
09 91 33 00-0050	GAL	Silicone Alkyd	75.11	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	76.32	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	95.70	
09 91 33 00-0053	GAL	Chlorinated Rubber	70.26	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	72.68	
09 91 33 00-0055	GAL	Coal Tar Epoxy	52.09	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	65.01	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	84.80	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	58.15	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	36.95	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	41.39	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	75.71	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	25.64	
09 91 33 00-0063	GAL	Linseed Oil	22.41	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	36.75	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	41.39	
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	37.86	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	30.42	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	21.00	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	39.17	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	34.93	
09 91 33 00-0072	GAL	Varnish, Clear	39.36	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	28.59	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	25.55	
09 91 33 00-0075	GAL	Polyurethane	44.85	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	36.85	
09 91 33 00-0077	GAL	Shellac, Clear	48.35	
09 91 33 00-0078	GAL	Acetone	15.95	
09 91 33 00-0079	GAL	Paint Thinner	3.94	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	16.15	
09 91 33 00-0081	GAL	Turpentine	22.21	
09 91 33 00-0082	GAL	Wood Filler Paste	37.96	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	30.29	
09 91 33 00-0084	GAL	Waterbased Alkyd Urethane (Sherwin Williams B53W01153)	95.93	

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing *(09 93)*

09 93 13 53 Exterior Finishing *(09 93 13)*

09 93 13 53-0001 Stain Sealer *(09 93 13 53)*

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF	Stain Sealer, Brush Work	0.79	
		For Ceiling Work, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work	0.64	
		For Ceiling Work, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 93 13 53-0004	SF	Stain Sealer, Sprayed	0.27	
		For Ceiling Work, Add	*0.02*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	0.95	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >4,000, Deduct	*-0.05*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.42	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >4,000, Deduct	*-0.07*	
09 93 23 13-0004		**Stain Wood Floor** *(09 93 23 13)*		
09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.47	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >4,000, Deduct	*-0.02*	
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.36	
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >4,000, Deduct	*-0.02*	
09 93 23 13-0007		**Stain Wood Door And Window** *(09 93 23 13)*		
09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	45.50	
		For Up To 4, Add	*32.93*	
		For >4 To 10, Add	*15.43*	
		For >10 To 20, Add	*6.63*	
		For >160, Deduct	*-2.28*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	32.75	
		For Up To 4, Add	*22.80*	
		For >4 To 10, Add	*10.73*	
		For >10 To 20, Add	*4.62*	
		For >160, Deduct	*-1.64*	
09 93 23 13-0010		**Stain Wood Cabinet** *(09 93 23 13)*		
09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.14	
09 93 23 53		**Interior Finishing** *(09 93 23)*		
09 93 23 53-0001		**Concrete Finishes** *(09 93 23 53)*		
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.71	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0003		**Wood Trim Finishes** *(09 93 23 53)*		
09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.19	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >4,000, Deduct	*-0.06*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.77	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0006		**Wood Floor Finishes** *(09 93 23 53)*		
09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	2.66	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
		For >4,000, Deduct	*-0.13*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.60	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >4,000, Deduct	*-0.03*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.02	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
		For >4,000, Deduct	*-0.15*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0010		**Wood Door And Window Finishes** *(09 93 23 53)* See CSI section 08 14 16 00-0627 for factory finish.		
09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	32.90	
		For Up To 4, Add	*23.73*	
		For >4 To 10, Add	*11.12*	
		For >10 To 20, Add	*4.78*	
		For >160, Deduct	*-1.65*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	100.33	
		For Up To 4, Add	*70.90*	
		For >4 To 10, Add	*33.30*	
		For >10 To 20, Add	*14.32*	
		For >160, Deduct	*-5.02*	
09 93 23 53-0013		**Cabinet Finishes** *(09 93 23 53)*		
09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.15	
09 93 23 53-0015		**Gym, Stage And Dance Floor Finishes** *(09 93 23 53)*		
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	1.41	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.40	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.46	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.53	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.40	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.46	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.53	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 96		**High-Performance Coatings** *(09 90)*		
09 96 23		**Graffiti-Resistant Coatings** *(09 96)*		
09 96 23 00-0001		**Anti-Graffiti Coating** *(09 96 23)*		
09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.25	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.34	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
09 96 53		**Elastomeric Coatings** *(09 96)*		
09 96 53 00-0001		**Elastomeric** *(09 96 53)* Note: Per coat.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	0.74	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.64	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.59	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	1.73	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.62	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	1.88	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	0.83	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.72	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.65	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	1.84	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	1.71	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	1.95	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	50 Mil, High Build Epoxy	2.75	

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	4.87	

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	3.68	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	6.59	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	9.88	

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	3.01	

09 97 Special Coatings *(09 90)*

09 97 13 Steel Coatings *(09 97)*

09 97 13 23 Exterior Steel Coatings *(09 97 13)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP2 Hand Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.

09 97 13 23-0003	SF	Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.23	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0004	SF	Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.18	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0005	SF	Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.18	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation	1.61	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	

09 97 13 23-0007 SSPC SP3 Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.

09 97 13 23-0008	SF	Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.56	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0009	SF	Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.49	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0010	SF	Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.49	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.02	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0012	SF	>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	1.82	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.27*	

09 97 13 23-0013 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

09 97 13 23-0014	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.95	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0015	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.84	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0016	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.83	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0017	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.17	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	

09 97 13 23-0018 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

09 97 13 23-0019	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.42	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0020	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.11	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0021	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	1.97	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0022	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.03	
		For Up To 100, Add	*2.16*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.44*	

09 97 13 23-0023 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

09 97 13 23-0024	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.70	
		For Up To 100, Add	*3.33*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.67*	
09 97 13 23-0025	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.03	
		For Up To 100, Add	*2.84*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.57*	
09 97 13 23-0026	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.71	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0027	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.67	
		For Up To 100, Add	*4.06*	
		For >100 To 250, Add	*1.90*	
		For >250 To 500, Add	*0.82*	

09 97 13 23-0028 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.

09 97 13 23-0029	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.51	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0030	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.98	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0031	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.83	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0032	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.12	
		For Up To 100, Add	*2.95*	
		For >100 To 250, Add	*1.38*	
		For >250 To 500, Add	*0.60*	

09 97 13 23-0033 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0034 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0035	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	1.03	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0036	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.77	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 23-0037	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.69	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 13 23-0038	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.24	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0039	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.24	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0040	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	0.92	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0041	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.83	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 23-0042	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.48	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0043		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0033)*		
09 97 13 23-0044	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.06	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0045	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.23	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0046	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.08	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0047	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.70	
		For Up To 100, Add	*2.42*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0048	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.30	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0049	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.68	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0050	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.55	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0051	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.77	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0052	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.93	
		For Up To 100, Add	*2.61*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0053	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.83	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0054	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.62	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0055	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.79	
		For Up To 100, Add	*3.24*	
		For >100 To 250, Add	*1.53*	
		For >250 To 500, Add	*0.66*	
09 97 13 23-0056	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.95	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0057	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0058	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.96	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0059	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.58	
		For Up To 100, Add	*2.42*	
		For >100 To 250, Add	*1.14*	
		For >250 To 500, Add	*0.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0060		**Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0061	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.36	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0062	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.94	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0063	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.78	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0064	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.92	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0065	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.52	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0066	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.24	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0067	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.13	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0068	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.86	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0069	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.82	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0070	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.29	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0071	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.10	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0072	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.49	
		For Up To 100, Add	*2.36*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0073	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.80	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0074	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.47	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0075	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.34	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0076	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.24	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0077		**2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0078	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.96	
		For Up To 100, Add	*2.27*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0079	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.92	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0080	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.61	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0081	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.47	
		For Up To 100, Add	*2.63*	
		For >100 To 250, Add	*1.26*	
		For >250 To 500, Add	*0.55*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0082	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.77	
		For Up To 100, Add		*1.59*	
		For >100 To 250, Add		*0.77*	
		For >250 To 500, Add		*0.33*	
09 97 13 23-0083	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.04	
		For Up To 100, Add		*1.09*	
		For >100 To 250, Add		*0.53*	
		For >250 To 500, Add		*0.23*	
09 97 13 23-0084	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		1.82	
		For Up To 100, Add		*0.93*	
		For >100 To 250, Add		*0.45*	
		For >250 To 500, Add		*0.20*	
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		3.12	
		For Up To 100, Add		*1.84*	
		For >100 To 250, Add		*0.88*	
		For >250 To 500, Add		*0.38*	
09 97 13 23-0086		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0033)*			
09 97 13 23-0087	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		4.28	
		For Up To 100, Add		*2.32*	
		For >100 To 250, Add		*1.13*	
		For >250 To 500, Add		*0.49*	
09 97 13 23-0088	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		3.22	
		For Up To 100, Add		*1.61*	
		For >100 To 250, Add		*0.79*	
		For >250 To 500, Add		*0.35*	
09 97 13 23-0089	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		2.91	
		For Up To 100, Add		*1.37*	
		For >100 To 250, Add		*0.68*	
		For >250 To 500, Add		*0.30*	
09 97 13 23-0090	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		4.80	
		For Up To 100, Add		*2.68*	
		For >100 To 250, Add		*1.30*	
		For >250 To 500, Add		*0.57*	
09 97 13 23-0091	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		3.51	
		For Up To 100, Add		*1.90*	
		For >100 To 250, Add		*0.92*	
		For >250 To 500, Add		*0.40*	
09 97 13 23-0092	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		2.63	
		For Up To 100, Add		*1.31*	
		For >100 To 250, Add		*0.65*	
		For >250 To 500, Add		*0.28*	
09 97 13 23-0093	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		2.38	
		For Up To 100, Add		*1.13*	
		For >100 To 250, Add		*0.56*	
		For >250 To 500, Add		*0.25*	
09 97 13 23-0094	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats		3.94	
		For Up To 100, Add		*2.20*	
		For >100 To 250, Add		*1.06*	
		For >250 To 500, Add		*0.47*	
09 97 13 23-0095		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0033)*			
09 97 13 23-0096	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats		8.91	
		For Up To 100, Add		*4.97*	
		For >100 To 250, Add		*2.41*	
		For >250 To 500, Add		*1.05*	
09 97 13 23-0097	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats		6.83	
		For Up To 100, Add		*3.59*	
		For >100 To 250, Add		*1.75*	
		For >250 To 500, Add		*0.77*	
09 97 13 23-0098	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats		6.59	
		For Up To 100, Add		*3.41*	
		For >100 To 250, Add		*1.67*	
		For >250 To 500, Add		*0.73*	
09 97 13 23-0099	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats		10.30	
		For Up To 100, Add		*5.98*	
		For >100 To 250, Add		*2.88*	
		For >250 To 500, Add		*1.25*	
09 97 13 23-0100		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0033)*			
09 97 13 23-0101	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats		4.75	
		For Up To 100, Add		*2.43*	
		For >100 To 250, Add		*1.19*	
		For >250 To 500, Add		*0.52*	
09 97 13 23-0102	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats		3.81	
		For Up To 100, Add		*1.74*	
		For >100 To 250, Add		*0.87*	
		For >250 To 500, Add		*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0103	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.66	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0104	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.36	
		For Up To 100, Add	*2.86*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0105	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.76	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0106	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.02	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0107	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.89	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0108	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	4.24	
		For Up To 100, Add	*2.26*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0109		**Two 8 Mil Coal Tar Epoxy Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0110	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.94	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0111	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.22	
		For Up To 100, Add	*1.83*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0112	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.99	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0113	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	4.84	
		For Up To 100, Add	*2.97*	
		For >100 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0114		**One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0115	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.77	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0116	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.70	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0117	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.32	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0118	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.29	
		For Up To 100, Add	*2.70*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.56*	
09 97 13 23-0119		**One 3 Mil High Zinc Silicate Coat For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0120	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.09	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0121	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.55	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0122	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.47	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0123	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	2.19	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0124		Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0033)*		
		Note: Installed over existing primer.		
09 97 13 23-0125	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.16	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0126	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.60	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0127	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.29	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0128	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	3.66	
		For Up To 100, Add	*2.14*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 24		**Steel Water Storage Tank Painting** *(09 97 13)*		
09 97 13 24-0001		Surface Preparation For Tanks *(09 97 13 24)*		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0002		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.18	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.05	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.49	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0006		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.79	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.64	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.11	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0010		SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.96	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.79	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.60	
		For Up To 100, Add	*1.85*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0014		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.54	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.37	
		For Up To 100, Add	*2.35*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	4.92	
		For Up To 100, Add	*3.52*	
		For >100 To 250, Add	*1.65*	
		For >250 To 500, Add	*0.71*	
09 97 13 24-0018		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.82	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.82	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.11	
		For Up To 100, Add	*2.95*	
		For >100 To 250, Add	*1.38*	
		For >250 To 500, Add	*0.59*	
09 97 13 24-0022		Protective Coatings For Tanks *(09 97 13 24)*		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0023		1.5 Mil Prime Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0024	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.62	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0025	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.50	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 97 13 24-0026	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.16	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0027	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.72	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0028	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.59	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 97 13 24-0029	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.40	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0030		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0031	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.82	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0032	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.43	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0033	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.30	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 24-0034	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.38	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0035	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.08	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0036	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.48	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0037	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.28	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0038	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.76	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0039	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.28	
		For Up To 100, Add	*2.91*	
		For >100 To 250, Add	*1.37*	
		For >250 To 500, Add	*0.59*	
09 97 13 24-0040	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.72	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0041	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.33	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0042	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.21	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.44*	
09 97 13 24-0043		Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0044	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.62	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0045	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.38	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0046	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.40	
		For Up To 100, Add	*2.33*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.47*	
09 97 13 24-0047	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.03	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 13 24-0048	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.87	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0049	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.17	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0050	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.90	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0051	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.62	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0052	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.32	
		For Up To 100, Add	*3.10*	
		For >100 To 250, Add	*1.45*	
		For >250 To 500, Add	*0.63*	
09 97 13 24-0053	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.21	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0054	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.03	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 13 24-0055	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.85	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.40*	
09 97 13 24-0056		2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0057	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.42	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0058	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.11	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0059	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.69	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0060	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.47	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0061		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.71	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.40	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.22	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.96	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0066		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0067	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.37	
		For Up To 100, Add	*3.29*	
		For >100 To 250, Add	*1.61*	
		For >250 To 500, Add	*0.71*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.90	
		For Up To 100, Add	*2.94*	
		For >100 To 250, Add	*1.45*	
		For >250 To 500, Add	*0.64*	
09 97 13 24-0069	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	9.47	
		For Up To 100, Add	*5.61*	
		For >100 To 250, Add	*2.69*	
		For >250 To 500, Add	*1.17*	
09 97 13 24-0070		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0071	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.40	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0072	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.06	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0073	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.93	
		For Up To 100, Add	*2.70*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.57*	
09 97 13 24-0074	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.69	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0075	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.42	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0076	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	3.89	
		For Up To 100, Add	*2.13*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 24-0077		Two 8 Mil Coal Tar Epoxy Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0078	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.96	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0079	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.50	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0080	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	3.74	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.47*	
09 97 13 24-0081		One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0082	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.06	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.90	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0084	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.07	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0085		Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 13 24-0022)*		
09 97 13 24-0086	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	4.50	
		For Up To 100, Add	*2.54*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.54*	
09 97 13 24-0087	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	2.82	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0088		One 3 Mil High Zinc Silicate Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0089	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.37	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 97 13 24-0090	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.34	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
09 97 13 24-0091	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	2.07	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0092		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0022)*		
		Note: Installed over existing primer.		
09 97 13 24-0093	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.18	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0094	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.95	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.96	
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
09 97 13 24-0096		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	7.68	
		For Up To 100, Add	*4.70*	
		For >100 To 250, Add	*2.25*	
		For >250 To 500, Add	*0.98*	

09 97 26 Cementitious Coatings *(09 97)*

09 97 26 13 Interior Cementitious Coatings *(09 97 26)*

09 97 26 13-0001 Ceramic-Like Glazed Coating *(09 97 26 13)*

09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.30	
09 97 26 13-0004		Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*		
09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	1.91	
09 97 35		**Dry Erase Coatings** *(09 97)*		
09 97 35 00-0001		Dry-Erase Paint *(09 97 35)*		
09 97 35 00-0002		Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*		
09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	11.08	
09 97 35 00-0004		Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*		
09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: For application over existing latex-based top coats.	6.25	
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: Includes two coats of primer and white or black surface coat.	11.90	
09 97 63		**Special Coatings and Protection Systems** *(09 97)*		
09 97 63 00-0001		Acrylic Glazed Coating *(09 97 63)*		
09 97 63 00-0002	SF	Acrylic Glazed Coating	1.47	

END OF SECTION 09

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*
Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	16.62	
10 01 40 00-0004	EA	Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	18.46	
10 01 40 00-0005	EA	Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	19.20	
10 01 40 00-0006	EA	Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	21.74	
10 01 40 00-0007	EA	Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	25.11	

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	20.05	
10 01 40 00-0010	EA	Recharge 5 LB Dry Chemical Portable Fire Extinguisher	24.27	
10 01 40 00-0011	EA	Recharge 10 LB Dry Chemical Portable Fire Extinguisher	34.29	
10 01 40 00-0012	EA	Recharge 20 LB Dry Chemical Portable Fire Extinguisher	54.13	

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	19.84	
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	141.38	
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	197.94	
10 01 40 00-0017	EA	Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	81.49	

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	352.87	
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	277.02	
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	236.30	
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	198.24	
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	104.25	
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	41.27	
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	8.25	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*
Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	43.93	7.93
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.32	3.73
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	24.47	3.22
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	20.41	2.10
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	17.17	1.17

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	46.54	7.93
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.86	3.73
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.81	3.22
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.24	2.10
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.95	1.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	42.32	7.93
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	26.67	3.73
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	22.90	3.22
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	19.09	2.10
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	15.70	1.17
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)*		
		Note: Includes storage and cleaning.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	9.78	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	14.48	3.73
		Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	17.38	3.73
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	21.01	5.12
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	25.73	9.33
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	14.62	5.12
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	14.27	5.12
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	15.25	5.12
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	17.13	5.12
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	15.25	5.12
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,067.86	93.22
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,323.53	93.22
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,632.70	99.28
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,929.76	99.28
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,653.59	106.74
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,890.54	106.74
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,397.36	111.86
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,985.56	111.86
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,830.50	93.22
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,360.09	93.22
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,846.62	99.28
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,332.85	99.28
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,940.41	106.74
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,154.70	106.74
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,046.78	111.86
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,762.09	111.86
10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,155.65	93.22
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,588.68	93.22
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,056.49	99.28
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,553.57	99.28
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,515.84	106.74
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,743.92	106.74
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,784.79	111.86
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,576.51	111.86
10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*		
10 11 13 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,474.28	93.22
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,731.93	93.22
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,987.89	99.28
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,435.19	99.28
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,763.39	106.74
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,176.20	106.74
10 11 13 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,634.91	93.22
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,034.91	93.22
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,435.21	99.28
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,171.16	99.28
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,628.40	106.74
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,296.37	106.74
10 11 13 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,967.97	93.22
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,513.29	93.22
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,058.90	99.28
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,082.53	99.28
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,680.63	106.74
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,621.49	106.74
10 11 13 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,964.19	186.45
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,192.39	186.45
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,446.03	192.27
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,864.01	192.27
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,325.17	198.09
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,728.36	198.09
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,604.16	209.75
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,715.70	209.75
10 11 13 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,542.38	186.45
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,844.09	186.45
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,180.10	192.27
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,794.35	192.27
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,404.49	198.09
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,988.20	198.09
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,171.61	209.75
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,348.38	209.75
10 11 13 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,301.77	186.45
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,063.23	186.45
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,465.85	192.27
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,264.55	192.27
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,103.49	198.09
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,911.05	198.09
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,502.59	209.75
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,813.56	209.75
10 11 13 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*		
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	599.54	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,024.21	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	44.10	7.93
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.89	3.73
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	24.47	3.22
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	20.61	2.10
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	16.94	1.17
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	46.57	7.93
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	29.63	3.73
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	25.58	3.22
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	22.01	2.10
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.23	1.17
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	42.30	7.93
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	26.68	3.73
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	24.10	3.22
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	19.22	2.10
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	15.43	1.17
10 11 16 13-0020		Melamine Markerboards *(10 11 16 13)*		
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)* Note: Includes full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	34.74	7.93
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	21.47	3.73
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	18.62	3.22
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	14.04	2.10
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	11.48	1.17
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)* Note: Includes marker tray and mounting hardware.		
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	33.90	7.93
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	21.07	3.73
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	18.07	3.22
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	13.06	2.10
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	10.58	1.17
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)* Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	48.81	7.93
		For Magnetic Surface, Add	*3.30*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.54	3.73
		For Magnetic Surface, Add	*2.51*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.06	3.22
		For Magnetic Surface, Add	*2.16*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.97	2.10
		For Magnetic Surface, Add	*2.08*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	21.71	1.17
		For Magnetic Surface, Add	*1.94*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)* Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	48.81	7.93
		For Magnetic Surface, Add	*3.30*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.54	3.73
		For Magnetic Surface, Add	*2.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.06	3.22
		For Magnetic Surface, Add	*2.16*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.97	2.10
		For Magnetic Surface, Add	*2.08*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	21.71	1.17
		For Magnetic Surface, Add	*1.94*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	89.66	7.93
		For Magnetic Surface, Add	*7.38*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	57.09	3.73
		For Magnetic Surface, Add	*4.96*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	48.22	3.22
		For Magnetic Surface, Add	*4.18*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	40.92	2.10
		For Magnetic Surface, Add	*3.67*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	31.89	1.17
		For Magnetic Surface, Add	*2.96*	
10 11 16 13-0052		Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*		
		Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	22.02	3.22
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	18.97	2.10
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	16.10	1.17
10 11 16 13-0056		Removal And Reinstallation Of Markerboard *(10 11 16 13)*		
		Note: Includes storage and cleaning.		
10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	55.93	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	65.26	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	74.58	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	83.90	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	93.22	
10 11 16 13-0062		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0063		Markerboard Face Sheets And Panels *(10 11 16 13-0062)*		
10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)	14.24	3.73
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)	16.84	3.73
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)	16.78	3.73
		Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032)	9.53	3.73
		Note: Includes 1/4" thick melamine panel.		
10 11 16 13-0068		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*		
		See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,042.79	93.22
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,290.11	93.22
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,590.93	99.28
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,879.63	99.28
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,595.10	106.74
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,823.69	106.74
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,313.80	111.86
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,885.29	111.86
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,805.43	93.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,326.66	93.22
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,804.84	99.28
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,282.72	99.28
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,881.93	106.74
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,087.86	106.74
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,963.23	111.86
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,661.82	111.86
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,130.59	93.22
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,555.26	93.22
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,014.71	99.28
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,503.43	99.28
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,457.35	106.74
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,677.08	106.74
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,701.23	111.86
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,501.31	111.86
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,440.86	93.22
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,690.15	93.22
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,937.76	99.28
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,368.34	99.28
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,679.84	106.74
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,075.93	106.74
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,568.07	93.22
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,951.36	93.22
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,334.94	99.28
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,037.48	99.28
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,461.29	106.74
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,095.84	106.74
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,867.71	93.22
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,387.95	93.22
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,908.50	99.28
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,882.00	99.28
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,429.96	106.74
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,320.69	106.74
10 11 16 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)*		
		Note: Excludes remotes.		
10 11 16 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,922.41	186.45
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,140.17	186.45
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,383.37	192.27
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,780.45	192.27
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,220.73	198.09
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,603.03	198.09
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,457.94	209.75
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,548.59	209.75
10 11 16 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,458.83	186.45
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,739.64	186.45
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,054.77	192.27
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,627.24	192.27
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,195.61	198.09
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,737.53	198.09
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,879.17	209.75
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,014.16	209.75

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*			
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		16,176.44	186.45
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		16,906.56	186.45
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		17,277.85	192.27
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		18,013.89	192.27
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		18,790.15	198.09
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		19,535.06	198.09
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		21,063.92	209.75
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard		21,312.23	209.75
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*			
		See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.			
10 11 23		**Tackboards** *(10 11)*			
10 11 23 13		**Fixed Tackboards** *(10 11 23)*			
		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.			
10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)*			
		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.			
10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*			
		Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.			
10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*			
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard		29.07	7.93
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard		16.66	3.73
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard		14.44	3.22
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard		11.58	2.10
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard		9.54	1.17
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*			
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard		30.63	7.93
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard		17.38	3.73
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard		14.07	3.22
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard		11.01	2.10
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard		8.64	1.17
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*			
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard		30.79	7.93
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard		18.90	3.73
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard		17.51	3.22
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard		13.51	2.10
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard		10.74	1.17
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*			
		Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.			
10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*			
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard		33.59	7.93
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard		22.08	3.73
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard		20.16	3.22
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard		17.33	2.10
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard		15.39	1.17
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*			
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard		37.36	7.93
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard		26.11	3.73
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard		24.23	3.22
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard		20.28	2.10
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard		17.54	1.17
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)*			
		Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	30.14	7.93
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	17.97	3.73
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.91	3.22
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	13.10	2.10
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	10.89	1.17
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	32.27	7.93
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	20.74	3.73
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	19.24	3.22
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	15.40	2.10
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	12.71	1.17
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	29.07	7.93
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	16.74	3.73
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	14.56	3.22
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	11.58	2.10
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	9.35	1.17
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	30.79	7.93
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	19.66	3.73
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	17.51	3.22
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	13.51	2.10
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	10.74	1.17
10 12		**Display Cases** *(10 10)*		
10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	1,552.27	142.82
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	1,678.46	142.82
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	1,627.07	142.82
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	1,628.38	63.48
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case	3,263.95	142.82
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case	2,122.79	142.82
10 13		**Directories** *(10 10)*		
10 13 11		**Directory and Bulletin Boards** *(10 13)* Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10 13 11 00-0001		Wall Mounted Directories *(10 13 11)* Note: Includes changeable letters.		
10 13 11 00-0002		Open Face, Wall Mounted Directories *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel.		
10 13 11 00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*		
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	49.02	7.93
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	32.34	3.73
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	29.42	3.22
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	22.54	2.10
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	18.10	1.17
10 13 11 00-0009		Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	49.52	7.93
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	32.67	3.73
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	30.08	3.22
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	21.47	2.10
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	18.59	1.17
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0015		Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016		Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0017		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*		
10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	123.09	7.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	99.18	3.73
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	83.04	3.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	77.06	2.10
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	69.82	1.17
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0023		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*		
10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	105.68	7.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	85.78	3.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	61.54	2.10
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	55.54	1.17
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0028		Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0029		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	110.03	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.84*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	85.64	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.64*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	72.46	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.21*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	53.30	2.10
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.82*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	49.88	1.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.51*	
10 13 11 00-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	170.31	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*30.89*	
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	99.11	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	83.48	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.41*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	64.42	2.10
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.05*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	59.73	1.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.48*	
10 13 11 00-0041		Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0042		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*		
10 13 11 00-0043		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*		
10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	167.26	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	112.00	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	108.90	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0047		Wall Mounted Bulletin Boards *(10 13 11)*		
10 13 11 00-0048		Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)* Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0049		Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*		
10 13 11 00-0050		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*		
10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	120.13	7.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	96.96	3.73
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	80.82	3.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	74.97	2.10
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	68.84	1.17
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0056		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*		
10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	100.42	7.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	80.79	3.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	57.68	2.10
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	52.58	1.17
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0061		Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*		
10 13 11 00-0062		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*		
10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	112.74	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*19.38*	
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	88.34	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.16	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.75*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	56.00	2.10
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.36*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	52.58	1.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.05*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	173.01	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*31.43*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	101.80	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.87*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	86.18	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.95*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	67.13	2.10
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.59*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	62.43	1.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.02*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	164.56	7.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	109.30	3.73
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	106.23	3.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

10 14 16 Plaques *(10 14)*

Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.

10 14 16 00-0001 Metal Cased Plaque *(10 14 16)*

10 14 16 00-0002	SF	Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each	642.81	23.29
		For >5 To 10, Deduct	*-69.78*	
		For >10 Each, Deduct	*-124.74*	
10 14 16 00-0003	SF	Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each	330.67	23.29
		For >5 To 10, Deduct	*-35.44*	
		For >10 Each, Deduct	*-59.19*	

10 14 16 00-0004 Metal Engraved Plaque, Etched *(10 14 16)*

10 14 16 00-0005	SF	Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each	363.01	23.29
		For >5 To 10, Deduct	*-39.00*	
		For >10 Each, Deduct	*-65.98*	
10 14 16 00-0006	SF	Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each	338.48	23.29
		For >5 To 10, Deduct	*-36.30*	
		For >10 Each, Deduct	*-60.83*	
10 14 16 00-0007	SF	Brass Engraved Plaque Including Emblem Size 1-4 SF Each	232.55	23.29
		For >5 To 10, Deduct	*-24.65*	
		For >10 Each, Deduct	*-38.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 16 00-0008	SF	Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each	224.74	23.29
		For >5 To 10, Deduct	*-23.79*	
		For >10 Each, Deduct	*-36.95*	

10 14 16 00-0009 Metal Built-Up Plaque *(10 14 16)*

10 14 16 00-0010	SF	Bronze Built-up Plaque	469.35	28.88
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-50.46*	
		For >10 Each, Deduct	*-85.75*	
10 14 16 00-0011	SF	Copper And Bronze Built-up Plaque	480.04	28.88
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-51.64*	
		For >10 Each, Deduct	*-88.00*	
10 14 16 00-0012	SF	Copper And Aluminum Built-up Plaque	369.58	28.88
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-39.49*	
		For >10 Each, Deduct	*-64.80*	
10 14 16 00-0013	SF	Bronze Built-up Dedication Plaque	553.18	58.23
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-59.69*	
		For >10 Each, Deduct	*-103.36*	
10 14 16 00-0014	SF	Bronze Built-up Plaque	464.05	58.23
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-49.88*	
		For >10 Each, Deduct	*-84.64*	

10 14 16 00-0015 Metal Nameplate Plaques *(10 14 16)*

10 14 16 00-0016	SF	Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each	240.37	15.85
		For >5 To 10, Deduct	*-25.82*	
		For >10 Each, Deduct	*-43.64*	
10 14 16 00-0017	SF	Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each	257.28	15.85
		For >5 To 10, Deduct	*-27.68*	
		For >10 Each, Deduct	*-47.19*	
10 14 16 00-0018	EA	1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each	169.08	15.85
		For >5 To 10, Deduct	*-17.98*	
		For >10 Each, Deduct	*-28.67*	
10 14 16 00-0019	EA	1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each	129.05	15.85
		For >5 To 10, Deduct	*-13.57*	
		For >10 Each, Deduct	*-20.26*	
10 14 16 00-0020	SF	Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9")	451.31	58.23
		For >5 To 10, Deduct	*-48.48*	
		For >10 Each, Deduct	*-81.96*	

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	45.67	5.83
		For Installation With Adhesive, Deduct	*-4.61*	
		For Clear Anodized, Add	*2.24*	
		For Satin Face And Enameled Return, Add	*6.71*	
		For Patina Finish, Add	*8.95*	
		For Color Anodized, Add	*11.19*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	54.43	6.29
		For Installation With Adhesive, Deduct	*-5.24*	
		For Clear Anodized, Add	*2.93*	
		For Satin Face And Enameled Return, Add	*8.78*	
		For Patina Finish, Add	*11.71*	
		For Color Anodized, Add	*14.64*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	59.74	6.75
		For Installation With Adhesive, Deduct	*-5.69*	
		For Clear Anodized, Add	*3.27*	
		For Satin Face And Enameled Return, Add	*9.82*	
		For Patina Finish, Add	*13.09*	
		For Color Anodized, Add	*16.36*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	68.63	7.73
		For Installation With Adhesive, Deduct	*-6.51*	
		For Clear Anodized, Add	*3.79*	
		For Satin Face And Enameled Return, Add	*11.36*	
		For Patina Finish, Add	*15.15*	
		For Color Anodized, Add	*18.94*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	75.66	8.15
		For Installation With Adhesive, Deduct	*-7.04*	
		For Clear Anodized, Add	*4.31*	
		For Satin Face And Enameled Return, Add	*12.92*	
		For Patina Finish, Add	*17.22*	
		For Color Anodized, Add	*21.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	90.65	9.32
		For Installation With Adhesive, Deduct	*-8.26*	
		For Clear Anodized, Add	*5.34*	
		For Satin Face And Enameled Return, Add	*16.01*	
		For Patina Finish, Add	*21.35*	
		For Color Anodized, Add	*26.69*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	101.12	9.79
		For Installation With Adhesive, Deduct	*-8.97*	
		For Clear Anodized, Add	*6.20*	
		For Satin Face And Enameled Return, Add	*18.60*	
		For Patina Finish, Add	*24.80*	
		For Color Anodized, Add	*31.00*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	115.96	10.48
		For Installation With Adhesive, Deduct	*-9.99*	
		For Clear Anodized, Add	*7.40*	
		For Satin Face And Enameled Return, Add	*22.21*	
		For Patina Finish, Add	*29.62*	
		For Color Anodized, Add	*37.02*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	141.44	12.11
		For Installation With Adhesive, Deduct	*-11.92*	
		For Clear Anodized, Add	*9.30*	
		For Satin Face And Enameled Return, Add	*27.89*	
		For Patina Finish, Add	*37.19*	
		For Color Anodized, Add	*46.49*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	169.55	13.98
		For Installation With Adhesive, Deduct	*-14.07*	
		For Clear Anodized, Add	*11.37*	
		For Satin Face And Enameled Return, Add	*34.10*	
		For Patina Finish, Add	*45.46*	
		For Color Anodized, Add	*56.83*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	186.13	15.53
		For Installation With Adhesive, Deduct	*-15.52*	
		For Clear Anodized, Add	*12.40*	
		For Satin Face And Enameled Return, Add	*37.19*	
		For Patina Finish, Add	*49.59*	
		For Color Anodized, Add	*61.99*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	208.29	16.77
		For Installation With Adhesive, Deduct	*-17.12*	
		For Clear Anodized, Add	*14.12*	
		For Satin Face And Enameled Return, Add	*42.36*	
		For Patina Finish, Add	*56.48*	
		For Color Anodized, Add	*70.60*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	253.62	18.63
		For Installation With Adhesive, Deduct	*-20.14*	
		For Clear Anodized, Add	*17.91*	
		For Satin Face And Enameled Return, Add	*53.72*	
		For Patina Finish, Add	*71.63*	
		For Color Anodized, Add	*89.54*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	307.71	20.96
		For Installation With Adhesive, Deduct	*-23.77*	
		For Clear Anodized, Add	*22.39*	
		For Satin Face And Enameled Return, Add	*67.16*	
		For Patina Finish, Add	*89.54*	
		For Color Anodized, Add	*111.93*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	372.12	23.29
		For Installation With Adhesive, Deduct	*-27.92*	
		For Clear Anodized, Add	*27.90*	
		For Satin Face And Enameled Return, Add	*83.69*	
		For Patina Finish, Add	*111.58*	
		For Color Anodized, Add	*139.48*	
10 14 19 00-0018		Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*		
10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	55.89	6.41
		For Installation With Adhesive, Deduct	*-5.36*	
		For Oxidized Finish, Add	*4.54*	
		For Polished Or Patina Finish, Add	*9.08*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	81.29	6.98
		For Installation With Adhesive, Deduct	*-6.86*	
		For Oxidized Finish, Add	*8.00*	
		For Polished Or Patina Finish, Add	*16.00*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	88.91	7.46
		For Installation With Adhesive, Deduct	*-7.43*	
		For Oxidized Finish, Add	*8.87*	
		For Polished Or Patina Finish, Add	*17.73*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	108.49	8.38
		For Installation With Adhesive, Deduct	*-8.78*	
		For Oxidized Finish, Add	*11.24*	
		For Polished Or Patina Finish, Add	*22.49*	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	120.91	8.95
		For Installation With Adhesive, Deduct	*-9.63*	
		For Oxidized Finish, Add	*12.76*	
		For Polished Or Patina Finish, Add	*25.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	162.08	10.25
		For Installation With Adhesive, Deduct	*-12.20*	
		For Oxidized Finish, Add	*18.16*	
		For Polished Or Patina Finish, Add	*36.32*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	185.56	10.71
		For Installation With Adhesive, Deduct	*-13.56*	
		For Oxidized Finish, Add	*21.41*	
		For Polished Or Patina Finish, Add	*42.81*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	208.03	11.65
		For Installation With Adhesive, Deduct	*-15.06*	
		For Oxidized Finish, Add	*24.22*	
		For Polished Or Patina Finish, Add	*48.43*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	247.19	13.51
		For Installation With Adhesive, Deduct	*-17.76*	
		For Oxidized Finish, Add	*28.97*	
		For Polished Or Patina Finish, Add	*57.95*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	290.69	15.37
		For Installation With Adhesive, Deduct	*-20.68*	
		For Oxidized Finish, Add	*34.38*	
		For Polished Or Patina Finish, Add	*68.76*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	344.09	18.63
		For Installation With Adhesive, Deduct	*-24.66*	
		For Oxidized Finish, Add	*40.43*	
		For Polished Or Patina Finish, Add	*80.87*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	356.88	20.04
		For Installation With Adhesive, Deduct	*-25.86*	
		For Oxidized Finish, Add	*41.51*	
		For Polished Or Patina Finish, Add	*83.03*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	509.74	23.29
		For Installation With Adhesive, Deduct	*-34.80*	
		For Oxidized Finish, Add	*62.49*	
		For Polished Or Patina Finish, Add	*124.97*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	615.09	26.21
		For Installation With Adhesive, Deduct	*-41.24*	
		For Oxidized Finish, Add	*76.54*	
		For Polished Or Patina Finish, Add	*153.08*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	784.19	30.28
		For Installation With Adhesive, Deduct	*-51.32*	
		For Oxidized Finish, Add	*99.46*	
		For Polished Or Patina Finish, Add	*198.92*	

10 14 19 00-0034 Molded Characters *(10 14 19)*
Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	32.29	4.66
		For Installation With Adhesive, Deduct	*-3.48*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	35.00	5.12
		For Installation With Adhesive, Deduct	*-3.80*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	38.63	5.59
		For Installation With Adhesive, Deduct	*-4.17*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	49.24	6.06
		For Installation With Adhesive, Deduct	*-4.89*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	53.20	6.52
		For Installation With Adhesive, Deduct	*-5.27*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	57.61	6.98
		For Installation With Adhesive, Deduct	*-5.68*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	67.13	8.15
		For Installation With Adhesive, Deduct	*-6.62*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	88.36	10.25
		For Installation With Adhesive, Deduct	*-8.52*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	112.29	12.11
		For Installation With Adhesive, Deduct	*-10.46*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	165.56	14.91
		For Installation With Adhesive, Deduct	*-14.24*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	244.79	17.48
		For Installation With Adhesive, Deduct	*-19.23*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	320.69	20.04
		For Installation With Adhesive, Deduct	*-24.05*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	597.40	26.79
		For Installation With Adhesive, Deduct	*-40.59*	

10 14 19 00-0049 Cutout Characters *(10 14 19)*
Note: Any font.

10 14 19 00-0050 Satin Finish, Aluminum Characters *(10 14 19 00-0049)*

10 14 19 00-0051 1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	42.23	5.83
		For Installation With Adhesive, Deduct	*-4.44*	
		For Clear Anodized, Add	*1.89*	
		For Satin Face And Enameled Return, Add	*6.63*	
		For Color Anodized, Add	*9.47*	
		For Polished Or Patina Finish, Add	*9.47*	
		For Polished Anodized Finish, Add	*14.21*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	59.74	6.75
		For Installation With Adhesive, Deduct	*-5.69*	
		For Clear Anodized, Add	*3.27*	
		For Satin Face And Enameled Return, Add	*11.45*	
		For Color Anodized, Add	*16.36*	
		For Polished Or Patina Finish, Add	*16.36*	
		For Polished Anodized Finish, Add	*24.54*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.82	8.15
		For Installation With Adhesive, Deduct	*-7.30*	
		For Clear Anodized, Add	*4.82*	
		For Satin Face And Enameled Return, Add	*16.87*	
		For Color Anodized, Add	*24.11*	
		For Polished Or Patina Finish, Add	*24.11*	
		For Polished Anodized Finish, Add	*36.16*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.26	9.32
		For Installation With Adhesive, Deduct	*-8.69*	
		For Clear Anodized, Add	*6.20*	
		For Satin Face And Enameled Return, Add	*21.70*	
		For Color Anodized, Add	*31.00*	
		For Polished Or Patina Finish, Add	*31.00*	
		For Polished Anodized Finish, Add	*46.49*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	114.24	10.48
		For Installation With Adhesive, Deduct	*-9.90*	
		For Clear Anodized, Add	*7.23*	
		For Satin Face And Enameled Return, Add	*25.31*	
		For Color Anodized, Add	*36.16*	
		For Polished Or Patina Finish, Add	*36.16*	
		For Polished Anodized Finish, Add	*54.24*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	131.11	12.11
		For Installation With Adhesive, Deduct	*-11.40*	
		For Clear Anodized, Add	*8.27*	
		For Satin Face And Enameled Return, Add	*28.93*	
		For Color Anodized, Add	*41.33*	
		For Polished Or Patina Finish, Add	*41.33*	
		For Polished Anodized Finish, Add	*61.99*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.05	13.98
		For Installation With Adhesive, Deduct	*-13.29*	
		For Clear Anodized, Add	*9.82*	
		For Satin Face And Enameled Return, Add	*34.35*	
		For Color Anodized, Add	*49.08*	
		For Polished Or Patina Finish, Add	*49.08*	
		For Polished Anodized Finish, Add	*73.61*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	182.46	16.77
		For Installation With Adhesive, Deduct	*-15.83*	
		For Clear Anodized, Add	*11.54*	
		For Satin Face And Enameled Return, Add	*40.38*	
		For Color Anodized, Add	*57.69*	
		For Polished Or Patina Finish, Add	*57.69*	
		For Polished Anodized Finish, Add	*86.53*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	205.41	18.63
		For Installation With Adhesive, Deduct	*-17.72*	
		For Clear Anodized, Add	*13.09*	
		For Satin Face And Enameled Return, Add	*45.80*	
		For Color Anodized, Add	*65.44*	
		For Polished Or Patina Finish, Add	*65.44*	
		For Polished Anodized Finish, Add	*98.15*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	247.44	20.96
		For Installation With Adhesive, Deduct	*-20.76*	
		For Clear Anodized, Add	*16.36*	
		For Satin Face And Enameled Return, Add	*57.25*	
		For Color Anodized, Add	*81.79*	
		For Polished Or Patina Finish, Add	*81.79*	
		For Polished Anodized Finish, Add	*122.69*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	284.82	22.13
		For Installation With Adhesive, Deduct	*-23.09*	
		For Clear Anodized, Add	*19.63*	
		For Satin Face And Enameled Return, Add	*68.71*	
		For Color Anodized, Add	*98.15*	
		For Polished Or Patina Finish, Add	*98.15*	
		For Polished Anodized Finish, Add	*147.23*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	354.90	23.29
		For Installation With Adhesive, Deduct	*-27.06*	
		For Clear Anodized, Add	*26.17*	
		For Satin Face And Enameled Return, Add	*91.61*	
		For Color Anodized, Add	*130.87*	
		For Polished Or Patina Finish, Add	*130.87*	
		For Polished Anodized Finish, Add	*196.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	510.72	27.96
		For Installation With Adhesive, Deduct	*-36.72*	
		For Clear Anodized, Add	*39.89*	
		For Satin Face And Enameled Return, Add	*139.62*	
		For Color Anodized, Add	*199.46*	
		For Polished Or Patina Finish, Add	*199.46*	
		For Polished Anodized Finish, Add	*299.18*	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	54.35	5.83
		For Installation With Adhesive, Deduct	*-5.05*	
		For Clear Anodized, Add	*3.11*	
		For Satin Face And Enameled Return, Add	*10.87*	
		For Color Anodized, Add	*15.53*	
		For Polished Or Patina Finish, Add	*15.53*	
		For Polished Anodized Finish, Add	*23.30*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	78.71	6.75
		For Installation With Adhesive, Deduct	*-6.64*	
		For Clear Anodized, Add	*5.17*	
		For Satin Face And Enameled Return, Add	*18.09*	
		For Color Anodized, Add	*25.85*	
		For Polished Or Patina Finish, Add	*25.85*	
		For Polished Anodized Finish, Add	*38.77*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.63	8.15
		For Installation With Adhesive, Deduct	*-8.24*	
		For Clear Anodized, Add	*6.70*	
		For Satin Face And Enameled Return, Add	*23.46*	
		For Color Anodized, Add	*33.51*	
		For Polished Or Patina Finish, Add	*33.51*	
		For Polished Anodized Finish, Add	*50.27*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	125.29	9.32
		For Installation With Adhesive, Deduct	*-9.99*	
		For Clear Anodized, Add	*8.80*	
		For Satin Face And Enameled Return, Add	*30.81*	
		For Color Anodized, Add	*44.01*	
		For Polished Or Patina Finish, Add	*44.01*	
		For Polished Anodized Finish, Add	*66.02*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	145.34	10.48
		For Installation With Adhesive, Deduct	*-11.46*	
		For Clear Anodized, Add	*10.34*	
		For Satin Face And Enameled Return, Add	*36.20*	
		For Color Anodized, Add	*51.71*	
		For Polished Or Patina Finish, Add	*51.71*	
		For Polished Anodized Finish, Add	*77.57*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	170.78	12.11
		For Installation With Adhesive, Deduct	*-13.39*	
		For Clear Anodized, Add	*12.23*	
		For Satin Face And Enameled Return, Add	*42.81*	
		For Color Anodized, Add	*61.16*	
		For Polished Or Patina Finish, Add	*61.16*	
		For Polished Anodized Finish, Add	*91.74*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	200.18	13.98
		For Installation With Adhesive, Deduct	*-15.60*	
		For Clear Anodized, Add	*14.43*	
		For Satin Face And Enameled Return, Add	*50.50*	
		For Color Anodized, Add	*72.14*	
		For Polished Or Patina Finish, Add	*72.14*	
		For Polished Anodized Finish, Add	*108.21*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	248.22	16.77
		For Installation With Adhesive, Deduct	*-19.12*	
		For Clear Anodized, Add	*18.11*	
		For Satin Face And Enameled Return, Add	*63.40*	
		For Color Anodized, Add	*90.57*	
		For Polished Or Patina Finish, Add	*90.57*	
		For Polished Anodized Finish, Add	*135.85*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	287.85	18.63
		For Installation With Adhesive, Deduct	*-21.85*	
		For Clear Anodized, Add	*21.33*	
		For Satin Face And Enameled Return, Add	*74.66*	
		For Color Anodized, Add	*106.66*	
		For Polished Or Patina Finish, Add	*106.66*	
		For Polished Anodized Finish, Add	*159.98*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	334.14	20.96
		For Installation With Adhesive, Deduct	*-25.09*	
		For Clear Anodized, Add	*25.03*	
		For Satin Face And Enameled Return, Add	*87.60*	
		For Color Anodized, Add	*125.14*	
		For Polished Or Patina Finish, Add	*125.14*	
		For Polished Anodized Finish, Add	*187.71*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	375.12	22.13
		For Installation With Adhesive, Deduct	*-27.61*	
		For Clear Anodized, Add	*28.66*	
		For Satin Face And Enameled Return, Add	*100.31*	
		For Color Anodized, Add	*143.30*	
		For Polished Or Patina Finish, Add	*143.30*	
		For Polished Anodized Finish, Add	*214.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	417.72	23.29
		For Installation With Adhesive, Deduct	*-30.20*	
		For Clear Anodized, Add	*32.46*	
		For Satin Face And Enameled Return, Add	*113.59*	
		For Color Anodized, Add	*162.28*	
		For Polished Or Patina Finish, Add	*162.28*	
		For Polished Anodized Finish, Add	*243.41*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	576.73	27.96
		For Installation With Adhesive, Deduct	*-40.02*	
		For Clear Anodized, Add	*46.49*	
		For Satin Face And Enameled Return, Add	*162.72*	
		For Color Anodized, Add	*232.46*	
		For Polished Or Patina Finish, Add	*232.46*	
		For Polished Anodized Finish, Add	*348.69*	

10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	68.37	5.83
		For Installation With Adhesive, Deduct	*-5.75*	
		For Clear Anodized, Add	*4.51*	
		For Satin Face And Enameled Return, Add	*15.78*	
		For Color Anodized, Add	*22.54*	
		For Polished Or Patina Finish, Add	*22.54*	
		For Polished Anodized Finish, Add	*33.81*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.85	6.75
		For Installation With Adhesive, Deduct	*-7.14*	
		For Clear Anodized, Add	*6.18*	
		For Satin Face And Enameled Return, Add	*21.64*	
		For Color Anodized, Add	*30.92*	
		For Polished Or Patina Finish, Add	*30.92*	
		For Polished Anodized Finish, Add	*46.37*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	111.68	8.15
		For Installation With Adhesive, Deduct	*-8.85*	
		For Clear Anodized, Add	*7.91*	
		For Satin Face And Enameled Return, Add	*27.67*	
		For Color Anodized, Add	*39.54*	
		For Polished Or Patina Finish, Add	*39.54*	
		For Polished Anodized Finish, Add	*59.30*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	132.11	9.32
		For Installation With Adhesive, Deduct	*-10.33*	
		For Clear Anodized, Add	*9.48*	
		For Satin Face And Enameled Return, Add	*33.19*	
		For Color Anodized, Add	*47.42*	
		For Polished Or Patina Finish, Add	*47.42*	
		For Polished Anodized Finish, Add	*71.13*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.02	10.48
		For Installation With Adhesive, Deduct	*-11.89*	
		For Clear Anodized, Add	*11.21*	
		For Satin Face And Enameled Return, Add	*39.24*	
		For Color Anodized, Add	*56.05*	
		For Polished Or Patina Finish, Add	*56.05*	
		For Polished Anodized Finish, Add	*84.08*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	189.79	12.11
		For Installation With Adhesive, Deduct	*-14.34*	
		For Clear Anodized, Add	*14.13*	
		For Satin Face And Enameled Return, Add	*49.47*	
		For Color Anodized, Add	*70.67*	
		For Polished Or Patina Finish, Add	*70.67*	
		For Polished Anodized Finish, Add	*106.00*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	234.53	13.98
		For Installation With Adhesive, Deduct	*-17.32*	
		For Clear Anodized, Add	*17.86*	
		For Satin Face And Enameled Return, Add	*62.52*	
		For Color Anodized, Add	*89.32*	
		For Polished Or Patina Finish, Add	*89.32*	
		For Polished Anodized Finish, Add	*133.97*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	283.98	16.77
		For Installation With Adhesive, Deduct	*-20.91*	
		For Clear Anodized, Add	*21.69*	
		For Satin Face And Enameled Return, Add	*75.91*	
		For Color Anodized, Add	*108.45*	
		For Polished Or Patina Finish, Add	*108.45*	
		For Polished Anodized Finish, Add	*162.67*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	345.43	18.63
		For Installation With Adhesive, Deduct	*-24.73*	
		For Clear Anodized, Add	*27.09*	
		For Satin Face And Enameled Return, Add	*94.81*	
		For Color Anodized, Add	*135.45*	
		For Polished Or Patina Finish, Add	*135.45*	
		For Polished Anodized Finish, Add	*203.17*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	407.75	20.96
		For Installation With Adhesive, Deduct	*-28.77*	
		For Clear Anodized, Add	*32.39*	
		For Satin Face And Enameled Return, Add	*113.36*	
		For Color Anodized, Add	*161.95*	
		For Polished Or Patina Finish, Add	*161.95*	
		For Polished Anodized Finish, Add	*242.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	469.34	22.13
		For Installation With Adhesive, Deduct	*-32.32*	
		For Clear Anodized, Add	*38.08*	
		For Satin Face And Enameled Return, Add	*133.29*	
		For Color Anodized, Add	*190.41*	
		For Polished Or Patina Finish, Add	*190.41*	
		For Polished Anodized Finish, Add	*285.62*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	527.64	23.29
		For Installation With Adhesive, Deduct	*-35.70*	
		For Clear Anodized, Add	*43.45*	
		For Satin Face And Enameled Return, Add	*152.06*	
		For Color Anodized, Add	*217.24*	
		For Polished Or Patina Finish, Add	*217.24*	
		For Polished Anodized Finish, Add	*325.85*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	734.80	27.96
		For Installation With Adhesive, Deduct	*-47.92*	
		For Clear Anodized, Add	*62.30*	
		For Satin Face And Enameled Return, Add	*218.05*	
		For Color Anodized, Add	*311.50*	
		For Polished Or Patina Finish, Add	*311.50*	
		For Polished Anodized Finish, Add	*467.24*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	71.59	5.83
		For Installation With Adhesive, Deduct	*-5.91*	
		For Clear Anodized, Add	*4.83*	
		For Satin Face And Enameled Return, Add	*16.91*	
		For Color Anodized, Add	*24.15*	
		For Polished Or Patina Finish, Add	*24.15*	
		For Polished Anodized Finish, Add	*36.23*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.45	6.75
		For Installation With Adhesive, Deduct	*-7.32*	
		For Clear Anodized, Add	*6.54*	
		For Satin Face And Enameled Return, Add	*22.90*	
		For Color Anodized, Add	*32.72*	
		For Polished Or Patina Finish, Add	*32.72*	
		For Polished Anodized Finish, Add	*49.07*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	122.29	8.15
		For Installation With Adhesive, Deduct	*-9.38*	
		For Clear Anodized, Add	*8.97*	
		For Satin Face And Enameled Return, Add	*31.39*	
		For Color Anodized, Add	*44.84*	
		For Polished Or Patina Finish, Add	*44.84*	
		For Polished Anodized Finish, Add	*67.26*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	163.11	9.32
		For Installation With Adhesive, Deduct	*-11.88*	
		For Clear Anodized, Add	*12.58*	
		For Satin Face And Enameled Return, Add	*44.04*	
		For Color Anodized, Add	*62.92*	
		For Polished Or Patina Finish, Add	*62.92*	
		For Polished Anodized Finish, Add	*94.38*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	205.36	10.48
		For Installation With Adhesive, Deduct	*-14.46*	
		For Clear Anodized, Add	*16.34*	
		For Satin Face And Enameled Return, Add	*57.20*	
		For Color Anodized, Add	*81.72*	
		For Polished Or Patina Finish, Add	*81.72*	
		For Polished Anodized Finish, Add	*122.58*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	258.40	12.11
		For Installation With Adhesive, Deduct	*-17.77*	
		For Clear Anodized, Add	*20.99*	
		For Satin Face And Enameled Return, Add	*73.48*	
		For Color Anodized, Add	*104.97*	
		For Polished Or Patina Finish, Add	*104.97*	
		For Polished Anodized Finish, Add	*157.46*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	322.87	13.98
		For Installation With Adhesive, Deduct	*-21.73*	
		For Clear Anodized, Add	*26.70*	
		For Satin Face And Enameled Return, Add	*93.44*	
		For Color Anodized, Add	*133.49*	
		For Polished Or Patina Finish, Add	*133.49*	
		For Polished Anodized Finish, Add	*200.23*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	399.35	16.77
		For Installation With Adhesive, Deduct	*-26.68*	
		For Clear Anodized, Add	*33.23*	
		For Satin Face And Enameled Return, Add	*116.29*	
		For Color Anodized, Add	*166.13*	
		For Polished Or Patina Finish, Add	*166.13*	
		For Polished Anodized Finish, Add	*249.20*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	489.38	18.63
		For Installation With Adhesive, Deduct	*-31.92*	
		For Clear Anodized, Add	*41.48*	
		For Satin Face And Enameled Return, Add	*145.19*	
		For Color Anodized, Add	*207.42*	
		For Polished Or Patina Finish, Add	*207.42*	
		For Polished Anodized Finish, Add	*311.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	582.79	20.96
		For Installation With Adhesive, Deduct	*-37.53*	
		For Clear Anodized, Add	*49.89*	
		For Satin Face And Enameled Return, Add	*174.63*	
		For Color Anodized, Add	*249.47*	
		For Polished Or Patina Finish, Add	*249.47*	
		For Polished Anodized Finish, Add	*374.20*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	677.42	22.13
		For Installation With Adhesive, Deduct	*-42.72*	
		For Clear Anodized, Add	*58.89*	
		For Satin Face And Enameled Return, Add	*206.12*	
		For Color Anodized, Add	*294.45*	
		For Polished Or Patina Finish, Add	*294.45*	
		For Polished Anodized Finish, Add	*441.68*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	776.29	23.29
		For Installation With Adhesive, Deduct	*-48.13*	
		For Clear Anodized, Add	*68.31*	
		For Satin Face And Enameled Return, Add	*239.09*	
		For Color Anodized, Add	*341.56*	
		For Polished Or Patina Finish, Add	*341.56*	
		For Polished Anodized Finish, Add	*512.34*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,069.54	27.96
		For Installation With Adhesive, Deduct	*-64.66*	
		For Clear Anodized, Add	*95.77*	
		For Satin Face And Enameled Return, Add	*335.21*	
		For Color Anodized, Add	*478.87*	
		For Polished Or Patina Finish, Add	*478.87*	
		For Polished Anodized Finish, Add	*718.30*	
10 14 19 00-0107		1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.11	5.83
		For Installation With Adhesive, Deduct	*-6.33*	
		For Clear Anodized, Add	*5.68*	
		For Satin Face And Enameled Return, Add	*19.89*	
		For Color Anodized, Add	*28.41*	
		For Polished Or Patina Finish, Add	*28.41*	
		For Polished Anodized Finish, Add	*42.62*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.32	6.75
		For Installation With Adhesive, Deduct	*-7.67*	
		For Clear Anodized, Add	*7.23*	
		For Satin Face And Enameled Return, Add	*25.31*	
		For Color Anodized, Add	*36.15*	
		For Polished Or Patina Finish, Add	*36.15*	
		For Polished Anodized Finish, Add	*54.23*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	130.97	8.15
		For Installation With Adhesive, Deduct	*-9.81*	
		For Clear Anodized, Add	*9.84*	
		For Satin Face And Enameled Return, Add	*34.43*	
		For Color Anodized, Add	*49.18*	
		For Polished Or Patina Finish, Add	*49.18*	
		For Polished Anodized Finish, Add	*73.77*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	180.46	9.32
		For Installation With Adhesive, Deduct	*-12.75*	
		For Clear Anodized, Add	*14.32*	
		For Satin Face And Enameled Return, Add	*50.12*	
		For Color Anodized, Add	*71.60*	
		For Polished Or Patina Finish, Add	*71.60*	
		For Polished Anodized Finish, Add	*107.39*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	246.59	10.48
		For Installation With Adhesive, Deduct	*-16.52*	
		For Clear Anodized, Add	*20.47*	
		For Satin Face And Enameled Return, Add	*71.63*	
		For Color Anodized, Add	*102.34*	
		For Polished Or Patina Finish, Add	*102.34*	
		For Polished Anodized Finish, Add	*153.50*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	323.69	12.11
		For Installation With Adhesive, Deduct	*-21.03*	
		For Clear Anodized, Add	*27.52*	
		For Satin Face And Enameled Return, Add	*96.33*	
		For Color Anodized, Add	*137.62*	
		For Polished Or Patina Finish, Add	*137.62*	
		For Polished Anodized Finish, Add	*206.42*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	410.22	13.98
		For Installation With Adhesive, Deduct	*-26.10*	
		For Clear Anodized, Add	*35.43*	
		For Satin Face And Enameled Return, Add	*124.01*	
		For Color Anodized, Add	*177.16*	
		For Polished Or Patina Finish, Add	*177.16*	
		For Polished Anodized Finish, Add	*265.74*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	510.10	16.77
		For Installation With Adhesive, Deduct	*-32.21*	
		For Clear Anodized, Add	*44.30*	
		For Satin Face And Enameled Return, Add	*155.05*	
		For Color Anodized, Add	*221.51*	
		For Polished Or Patina Finish, Add	*221.51*	
		For Polished Anodized Finish, Add	*332.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	618.94	18.63
		For Installation With Adhesive, Deduct	*-38.40*	
		For Clear Anodized, Add	*54.44*	
		For Satin Face And Enameled Return, Add	*190.54*	
		For Color Anodized, Add	*272.20*	
		For Polished Or Patina Finish, Add	*272.20*	
		For Polished Anodized Finish, Add	*408.30*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	762.73	20.96
		For Installation With Adhesive, Deduct	*-46.52*	
		For Clear Anodized, Add	*67.89*	
		For Satin Face And Enameled Return, Add	*237.60*	
		For Color Anodized, Add	*339.44*	
		For Polished Or Patina Finish, Add	*339.44*	
		For Polished Anodized Finish, Add	*509.15*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	911.01	22.13
		For Installation With Adhesive, Deduct	*-54.40*	
		For Clear Anodized, Add	*82.25*	
		For Satin Face And Enameled Return, Add	*287.87*	
		For Color Anodized, Add	*411.25*	
		For Polished Or Patina Finish, Add	*411.25*	
		For Polished Anodized Finish, Add	*616.87*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,077.28	23.29
		For Installation With Adhesive, Deduct	*-63.18*	
		For Clear Anodized, Add	*98.41*	
		For Satin Face And Enameled Return, Add	*344.44*	
		For Color Anodized, Add	*492.06*	
		For Polished Or Patina Finish, Add	*492.06*	
		For Polished Anodized Finish, Add	*738.08*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,525.16	27.96
		For Installation With Adhesive, Deduct	*-87.44*	
		For Clear Anodized, Add	*141.34*	
		For Satin Face And Enameled Return, Add	*494.67*	
		For Color Anodized, Add	*706.68*	
		For Polished Or Patina Finish, Add	*706.68*	
		For Polished Anodized Finish, Add	*1,060.01*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	58.82	5.83
		For Installation With Adhesive, Deduct	*-5.27*	
		For Oxidized Finish, Add	*5.33*	
		For Polished Finish, Add	*10.66*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	76.46	6.75
		For Installation With Adhesive, Deduct	*-6.53*	
		For Oxidized Finish, Add	*7.42*	
		For Polished Finish, Add	*14.83*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	106.21	8.15
		For Installation With Adhesive, Deduct	*-8.57*	
		For Oxidized Finish, Add	*11.04*	
		For Polished Finish, Add	*22.08*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	140.06	9.32
		For Installation With Adhesive, Deduct	*-10.73*	
		For Oxidized Finish, Add	*15.42*	
		For Polished Finish, Add	*30.84*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	180.24	10.48
		For Installation With Adhesive, Deduct	*-13.20*	
		For Oxidized Finish, Add	*20.75*	
		For Polished Finish, Add	*41.50*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	228.65	12.11
		For Installation With Adhesive, Deduct	*-16.28*	
		For Oxidized Finish, Add	*27.03*	
		For Polished Finish, Add	*54.06*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	286.85	13.98
		For Installation With Adhesive, Deduct	*-19.93*	
		For Oxidized Finish, Add	*34.64*	
		For Polished Finish, Add	*69.29*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	350.07	16.77
		For Installation With Adhesive, Deduct	*-24.21*	
		For Oxidized Finish, Add	*42.45*	
		For Polished Finish, Add	*84.89*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	426.23	18.63
		For Installation With Adhesive, Deduct	*-28.77*	
		For Oxidized Finish, Add	*52.75*	
		For Polished Finish, Add	*105.51*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	507.70	20.96
		For Installation With Adhesive, Deduct	*-33.77*	
		For Oxidized Finish, Add	*63.58*	
		For Polished Finish, Add	*127.15*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	626.57	22.13
		For Installation With Adhesive, Deduct	*-40.18*	
		For Oxidized Finish, Add	*80.71*	
		For Polished Finish, Add	*161.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	687.78	23.29
		For Installation With Adhesive, Deduct	*-43.71*	
		For Oxidized Finish, Add	*89.19*	
		For Polished Finish, Add	*178.38*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,038.95	27.96
		For Installation With Adhesive, Deduct	*-63.13*	
		For Oxidized Finish, Add	*139.07*	
		For Polished Finish, Add	*278.14*	
10 14 19 00-0136		3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	71.26	5.83
		For Installation With Adhesive, Deduct	*-5.89*	
		For Oxidized Finish, Add	*7.20*	
		For Polished Finish, Add	*14.39*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	93.77	6.75
		For Installation With Adhesive, Deduct	*-7.39*	
		For Oxidized Finish, Add	*10.01*	
		For Polished Finish, Add	*20.03*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	135.65	8.15
		For Installation With Adhesive, Deduct	*-10.04*	
		For Oxidized Finish, Add	*15.46*	
		For Polished Finish, Add	*30.91*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	181.17	9.32
		For Installation With Adhesive, Deduct	*-12.79*	
		For Oxidized Finish, Add	*21.59*	
		For Polished Finish, Add	*43.17*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	242.48	10.48
		For Installation With Adhesive, Deduct	*-16.32*	
		For Oxidized Finish, Add	*30.08*	
		For Polished Finish, Add	*60.17*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	309.74	12.11
		For Installation With Adhesive, Deduct	*-20.33*	
		For Oxidized Finish, Add	*39.19*	
		For Polished Finish, Add	*78.38*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	390.78	13.98
		For Installation With Adhesive, Deduct	*-25.13*	
		For Oxidized Finish, Add	*50.23*	
		For Polished Finish, Add	*100.46*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	463.26	16.77
		For Installation With Adhesive, Deduct	*-29.87*	
		For Oxidized Finish, Add	*59.43*	
		For Polished Finish, Add	*118.85*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	584.49	18.63
		For Installation With Adhesive, Deduct	*-36.68*	
		For Oxidized Finish, Add	*76.49*	
		For Polished Finish, Add	*152.99*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	677.23	20.96
		For Installation With Adhesive, Deduct	*-42.25*	
		For Oxidized Finish, Add	*89.01*	
		For Polished Finish, Add	*178.01*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	836.40	22.13
		For Installation With Adhesive, Deduct	*-50.67*	
		For Oxidized Finish, Add	*112.18*	
		For Polished Finish, Add	*224.36*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	955.35	23.29
		For Installation With Adhesive, Deduct	*-57.08*	
		For Oxidized Finish, Add	*129.33*	
		For Polished Finish, Add	*258.65*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,326.36	27.96
		For Installation With Adhesive, Deduct	*-77.50*	
		For Oxidized Finish, Add	*182.18*	
		For Polished Finish, Add	*364.37*	
10 14 19 00-0150		1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	90.80	5.83
		For Installation With Adhesive, Deduct	*-6.87*	
		For Oxidized Finish, Add	*10.13*	
		For Polished Finish, Add	*20.25*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	118.49	6.75
		For Installation With Adhesive, Deduct	*-8.63*	
		For Oxidized Finish, Add	*13.72*	
		For Polished Finish, Add	*27.44*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	172.45	8.15
		For Installation With Adhesive, Deduct	*-11.88*	
		For Oxidized Finish, Add	*20.98*	
		For Polished Finish, Add	*41.95*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	237.71	9.32
		For Installation With Adhesive, Deduct	*-15.61*	
		For Oxidized Finish, Add	*30.07*	
		For Polished Finish, Add	*60.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	332.39	10.48
		For Installation With Adhesive, Deduct	*-20.81*	
		For Oxidized Finish, Add	*43.57*	
		For Polished Finish, Add	*87.14*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	444.89	12.11
		For Installation With Adhesive, Deduct	*-27.09*	
		For Oxidized Finish, Add	*59.46*	
		For Polished Finish, Add	*118.93*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	552.45	13.98
		For Installation With Adhesive, Deduct	*-33.21*	
		For Oxidized Finish, Add	*74.48*	
		For Polished Finish, Add	*148.97*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	658.52	16.77
		For Installation With Adhesive, Deduct	*-39.64*	
		For Oxidized Finish, Add	*88.71*	
		For Polished Finish, Add	*177.43*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	901.01	18.63
		For Installation With Adhesive, Deduct	*-52.50*	
		For Oxidized Finish, Add	*123.97*	
		For Polished Finish, Add	*247.94*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,016.30	20.96
		For Installation With Adhesive, Deduct	*-59.20*	
		For Oxidized Finish, Add	*139.87*	
		For Polished Finish, Add	*279.73*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,272.22	22.13
		For Installation With Adhesive, Deduct	*-72.46*	
		For Oxidized Finish, Add	*177.56*	
		For Polished Finish, Add	*355.11*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,490.50	23.29
		For Installation With Adhesive, Deduct	*-83.84*	
		For Oxidized Finish, Add	*209.60*	
		For Polished Finish, Add	*419.20*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,253.50	27.96
		For Installation With Adhesive, Deduct	*-123.86*	
		For Oxidized Finish, Add	*321.25*	
		For Polished Finish, Add	*642.51*	
10 14 19 00-0164		3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	112.12	5.83
		For Installation With Adhesive, Deduct	*-7.94*	
		For Oxidized Finish, Add	*13.32*	
		For Polished Finish, Add	*26.65*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	158.04	6.75
		For Installation With Adhesive, Deduct	*-10.60*	
		For Oxidized Finish, Add	*19.65*	
		For Polished Finish, Add	*39.31*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	216.61	8.15
		For Installation With Adhesive, Deduct	*-14.09*	
		For Oxidized Finish, Add	*27.60*	
		For Polished Finish, Add	*55.20*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	294.24	9.32
		For Installation With Adhesive, Deduct	*-18.44*	
		For Oxidized Finish, Add	*38.55*	
		For Polished Finish, Add	*77.09*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	401.55	10.48
		For Installation With Adhesive, Deduct	*-24.27*	
		For Oxidized Finish, Add	*53.94*	
		For Polished Finish, Add	*107.89*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	553.01	12.11
		For Installation With Adhesive, Deduct	*-32.50*	
		For Oxidized Finish, Add	*75.68*	
		For Polished Finish, Add	*151.37*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	691.02	13.98
		For Installation With Adhesive, Deduct	*-40.14*	
		For Oxidized Finish, Add	*95.27*	
		For Polished Finish, Add	*190.54*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	805.67	16.77
		For Installation With Adhesive, Deduct	*-46.99*	
		For Oxidized Finish, Add	*110.79*	
		For Polished Finish, Add	*221.57*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,076.85	18.63
		For Installation With Adhesive, Deduct	*-61.30*	
		For Oxidized Finish, Add	*150.35*	
		For Polished Finish, Add	*300.69*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,177.36	20.96
		For Installation With Adhesive, Deduct	*-67.25*	
		For Oxidized Finish, Add	*164.03*	
		For Polished Finish, Add	*328.05*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,498.20	22.13
		For Installation With Adhesive, Deduct	*-83.76*	
		For Oxidized Finish, Add	*211.45*	
		For Polished Finish, Add	*422.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,906.72	23.29
		For Installation With Adhesive, Deduct	*-104.65*	
		For Oxidized Finish, Add	*272.03*	
		For Polished Finish, Add	*544.07*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,883.96	27.96
		For Installation With Adhesive, Deduct	*-155.38*	
		For Oxidized Finish, Add	*415.82*	
		For Polished Finish, Add	*831.65*	
10 14 19 00-0178		Satin Finish, Bronze Characters *(10 14 19 00-0049)*		
10 14 19 00-0179		1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	62.53	5.83
		For Installation With Adhesive, Deduct	*-5.46*	
		For Oxidized Finish, Add	*5.89*	
		For Polished Or Patina Finish, Add	*11.77*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	81.67	6.75
		For Installation With Adhesive, Deduct	*-6.79*	
		For Oxidized Finish, Add	*8.20*	
		For Polished Or Patina Finish, Add	*16.40*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	113.89	8.15
		For Installation With Adhesive, Deduct	*-8.96*	
		For Oxidized Finish, Add	*12.19*	
		For Polished Or Patina Finish, Add	*24.38*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	150.78	9.32
		For Installation With Adhesive, Deduct	*-11.27*	
		For Oxidized Finish, Add	*17.03*	
		For Polished Or Patina Finish, Add	*34.05*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	194.67	10.48
		For Installation With Adhesive, Deduct	*-13.93*	
		For Oxidized Finish, Add	*22.91*	
		For Polished Or Patina Finish, Add	*45.83*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	247.46	12.11
		For Installation With Adhesive, Deduct	*-17.22*	
		For Oxidized Finish, Add	*29.85*	
		For Polished Or Patina Finish, Add	*59.70*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	310.95	13.98
		For Installation With Adhesive, Deduct	*-21.14*	
		For Oxidized Finish, Add	*38.26*	
		For Polished Or Patina Finish, Add	*76.52*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	386.61	16.77
		For Installation With Adhesive, Deduct	*-26.04*	
		For Oxidized Finish, Add	*47.93*	
		For Polished Or Patina Finish, Add	*95.86*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	464.13	18.63
		For Installation With Adhesive, Deduct	*-30.66*	
		For Oxidized Finish, Add	*58.44*	
		For Polished Or Patina Finish, Add	*116.88*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	551.92	20.96
		For Installation With Adhesive, Deduct	*-35.98*	
		For Oxidized Finish, Add	*70.21*	
		For Polished Or Patina Finish, Add	*140.42*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	646.27	22.13
		For Installation With Adhesive, Deduct	*-41.17*	
		For Oxidized Finish, Add	*83.66*	
		For Polished Or Patina Finish, Add	*167.33*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	750.42	23.29
		For Installation With Adhesive, Deduct	*-46.84*	
		For Oxidized Finish, Add	*98.59*	
		For Polished Or Patina Finish, Add	*197.18*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,146.03	27.96
		For Installation With Adhesive, Deduct	*-68.48*	
		For Oxidized Finish, Add	*155.13*	
		For Polished Or Patina Finish, Add	*310.27*	
10 14 19 00-0193		3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	75.09	5.83
		For Installation With Adhesive, Deduct	*-6.08*	
		For Oxidized Finish, Add	*7.77*	
		For Polished Or Patina Finish, Add	*15.54*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	98.62	6.75
		For Installation With Adhesive, Deduct	*-7.63*	
		For Oxidized Finish, Add	*10.74*	
		For Polished Or Patina Finish, Add	*21.48*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	144.78	8.15
		For Installation With Adhesive, Deduct	*-10.50*	
		For Oxidized Finish, Add	*16.83*	
		For Polished Or Patina Finish, Add	*33.65*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	192.78	9.32
		For Installation With Adhesive, Deduct	*-13.37*	
		For Oxidized Finish, Add	*23.33*	
		For Polished Or Patina Finish, Add	*46.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	263.41	10.48
		For Installation With Adhesive, Deduct	*-17.36*	
		For Oxidized Finish, Add	*33.22*	
		For Polished Or Patina Finish, Add	*66.45*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	335.02	12.11
		For Installation With Adhesive, Deduct	*-21.60*	
		For Oxidized Finish, Add	*42.98*	
		For Polished Or Patina Finish, Add	*85.97*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	420.63	13.98
		For Installation With Adhesive, Deduct	*-26.62*	
		For Oxidized Finish, Add	*54.71*	
		For Polished Or Patina Finish, Add	*109.42*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	520.80	16.77
		For Installation With Adhesive, Deduct	*-32.75*	
		For Oxidized Finish, Add	*68.06*	
		For Polished Or Patina Finish, Add	*136.11*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	631.65	18.63
		For Installation With Adhesive, Deduct	*-39.04*	
		For Oxidized Finish, Add	*83.57*	
		For Polished Or Patina Finish, Add	*167.13*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	753.19	20.96
		For Installation With Adhesive, Deduct	*-46.05*	
		For Oxidized Finish, Add	*100.40*	
		For Polished Or Patina Finish, Add	*200.80*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	886.11	22.13
		For Installation With Adhesive, Deduct	*-53.16*	
		For Oxidized Finish, Add	*119.64*	
		For Polished Or Patina Finish, Add	*239.28*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,006.75	23.29
		For Installation With Adhesive, Deduct	*-59.65*	
		For Oxidized Finish, Add	*137.04*	
		For Polished Or Patina Finish, Add	*274.07*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,383.91	27.96
		For Installation With Adhesive, Deduct	*-80.38*	
		For Oxidized Finish, Add	*190.82*	
		For Polished Or Patina Finish, Add	*381.63*	
10 14 19 00-0207		1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	77.83	5.83
		For Installation With Adhesive, Deduct	*-6.22*	
		For Oxidized Finish, Add	*8.18*	
		For Polished Or Patina Finish, Add	*16.36*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	118.29	6.75
		For Installation With Adhesive, Deduct	*-8.62*	
		For Oxidized Finish, Add	*13.69*	
		For Polished Or Patina Finish, Add	*27.38*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	169.97	8.15
		For Installation With Adhesive, Deduct	*-11.76*	
		For Oxidized Finish, Add	*20.60*	
		For Polished Or Patina Finish, Add	*41.21*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	235.92	9.32
		For Installation With Adhesive, Deduct	*-15.52*	
		For Oxidized Finish, Add	*29.80*	
		For Polished Or Patina Finish, Add	*59.60*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	324.51	10.48
		For Installation With Adhesive, Deduct	*-20.42*	
		For Oxidized Finish, Add	*42.39*	
		For Polished Or Patina Finish, Add	*84.78*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	444.46	12.11
		For Installation With Adhesive, Deduct	*-27.07*	
		For Oxidized Finish, Add	*59.40*	
		For Polished Or Patina Finish, Add	*118.80*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	578.76	13.98
		For Installation With Adhesive, Deduct	*-34.53*	
		For Oxidized Finish, Add	*78.43*	
		For Polished Or Patina Finish, Add	*156.86*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	725.29	16.77
		For Installation With Adhesive, Deduct	*-42.97*	
		For Oxidized Finish, Add	*98.73*	
		For Polished Or Patina Finish, Add	*197.46*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	892.67	18.63
		For Installation With Adhesive, Deduct	*-52.09*	
		For Oxidized Finish, Add	*122.72*	
		For Polished Or Patina Finish, Add	*245.44*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,071.47	20.96
		For Installation With Adhesive, Deduct	*-61.96*	
		For Oxidized Finish, Add	*148.14*	
		For Polished Or Patina Finish, Add	*296.28*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,270.95	22.13
		For Installation With Adhesive, Deduct	*-72.40*	
		For Oxidized Finish, Add	*177.36*	
		For Polished Or Patina Finish, Add	*354.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,479.97	23.29
		For Installation With Adhesive, Deduct	*-83.32*	
		For Oxidized Finish, Add	*208.02*	
		For Polished Or Patina Finish, Add	*416.04*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,076.84	27.96
		For Installation With Adhesive, Deduct	*-115.02*	
		For Oxidized Finish, Add	*294.75*	
		For Polished Or Patina Finish, Add	*589.51*	
10 14 19 00-0221		Satin Finish, Copper Characters *(10 14 19 00-0049)*		
10 14 19 00-0222		1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	58.82	5.83
		For Installation With Adhesive, Deduct	*-5.27*	
		For Polished Finish, Add	*10.66*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	77.78	6.75
		For Installation With Adhesive, Deduct	*-6.59*	
		For Polished Finish, Add	*15.23*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	111.29	8.15
		For Installation With Adhesive, Deduct	*-8.83*	
		For Polished Finish, Add	*23.60*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	148.94	9.32
		For Installation With Adhesive, Deduct	*-11.17*	
		For Polished Finish, Add	*33.50*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	190.39	10.48
		For Installation With Adhesive, Deduct	*-13.71*	
		For Polished Finish, Add	*44.54*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	243.88	12.11
		For Installation With Adhesive, Deduct	*-17.04*	
		For Polished Finish, Add	*58.63*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	307.16	13.98
		For Installation With Adhesive, Deduct	*-20.95*	
		For Polished Finish, Add	*75.38*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	379.26	16.77
		For Installation With Adhesive, Deduct	*-25.67*	
		For Polished Finish, Add	*93.65*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	456.50	18.63
		For Installation With Adhesive, Deduct	*-30.28*	
		For Polished Finish, Add	*114.59*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	541.96	20.96
		For Installation With Adhesive, Deduct	*-35.48*	
		For Polished Finish, Add	*137.43*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	635.46	22.13
		For Installation With Adhesive, Deduct	*-40.63*	
		For Polished Finish, Add	*164.08*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	736.54	23.29
		For Installation With Adhesive, Deduct	*-46.14*	
		For Polished Finish, Add	*193.01*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,064.15	27.96
		For Installation With Adhesive, Deduct	*-64.39*	
		For Polished Finish, Add	*285.70*	
10 14 19 00-0236		3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	67.70	5.83
		For Installation With Adhesive, Deduct	*-5.71*	
		For Polished Finish, Add	*13.32*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	93.01	6.75
		For Installation With Adhesive, Deduct	*-7.35*	
		For Polished Finish, Add	*19.80*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	138.82	8.15
		For Installation With Adhesive, Deduct	*-10.20*	
		For Polished Finish, Add	*31.86*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	193.61	9.32
		For Installation With Adhesive, Deduct	*-13.41*	
		For Polished Finish, Add	*46.90*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	264.63	10.48
		For Installation With Adhesive, Deduct	*-17.42*	
		For Polished Finish, Add	*66.81*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	331.82	12.11
		For Installation With Adhesive, Deduct	*-21.44*	
		For Polished Finish, Add	*85.01*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	420.22	13.98
		For Installation With Adhesive, Deduct	*-26.60*	
		For Polished Finish, Add	*109.30*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	519.73	16.77
		For Installation With Adhesive, Deduct	*-32.70*	
		For Polished Finish, Add	*135.79*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	628.39	18.63
		For Installation With Adhesive, Deduct	*-38.87*	
		For Polished Finish, Add	*166.16*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	748.11	20.96
		For Installation With Adhesive, Deduct	*-45.79*	
		For Polished Finish, Add	*199.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	881.58	22.13
		For Installation With Adhesive, Deduct	*-52.93*	
		For Polished Finish, Add	*237.92*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	993.89	23.29
		For Installation With Adhesive, Deduct	*-59.01*	
		For Polished Finish, Add	*270.22*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,397.47	27.96
		For Installation With Adhesive, Deduct	*-81.05*	
		For Polished Finish, Add	*385.70*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	59.90	5.83
		For Installation With Adhesive, Deduct	*-5.32*	
		For Polished Finish, Add	*10.98*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	80.11	6.75
		For Installation With Adhesive, Deduct	*-6.71*	
		For Polished Finish, Add	*15.93*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	104.01	8.15
		For Installation With Adhesive, Deduct	*-8.46*	
		For Polished Finish, Add	*21.42*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	136.13	9.32
		For Installation With Adhesive, Deduct	*-10.53*	
		For Polished Finish, Add	*29.66*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	168.24	10.48
		For Installation With Adhesive, Deduct	*-12.60*	
		For Polished Finish, Add	*37.90*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	207.73	12.11
		For Installation With Adhesive, Deduct	*-15.23*	
		For Polished Finish, Add	*47.78*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	249.95	13.98
		For Installation With Adhesive, Deduct	*-18.09*	
		For Polished Finish, Add	*58.22*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	299.59	16.77
		For Installation With Adhesive, Deduct	*-21.69*	
		For Polished Finish, Add	*69.75*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	350.97	18.63
		For Installation With Adhesive, Deduct	*-25.00*	
		For Polished Finish, Add	*82.93*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	411.55	20.96
		For Installation With Adhesive, Deduct	*-28.96*	
		For Polished Finish, Add	*98.31*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	482.12	22.13
		For Installation With Adhesive, Deduct	*-32.96*	
		For Polished Finish, Add	*118.08*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	554.50	23.29
		For Installation With Adhesive, Deduct	*-37.04*	
		For Polished Finish, Add	*138.40*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	767.19	27.96
		For Installation With Adhesive, Deduct	*-49.54*	
		For Polished Finish, Add	*196.61*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	72.72	5.83
		For Installation With Adhesive, Deduct	*-5.97*	
		For Polished Finish, Add	*14.83*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	98.69	6.75
		For Installation With Adhesive, Deduct	*-7.64*	
		For Polished Finish, Add	*21.50*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	127.57	8.15
		For Installation With Adhesive, Deduct	*-9.64*	
		For Polished Finish, Add	*28.49*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	164.80	9.32
		For Installation With Adhesive, Deduct	*-11.97*	
		For Polished Finish, Add	*38.26*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	204.87	10.48
		For Installation With Adhesive, Deduct	*-14.44*	
		For Polished Finish, Add	*48.89*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	253.92	12.11
		For Installation With Adhesive, Deduct	*-17.54*	
		For Polished Finish, Add	*61.64*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	306.23	13.98
		For Installation With Adhesive, Deduct	*-20.90*	
		For Polished Finish, Add	*75.10*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	367.01	16.77
		For Installation With Adhesive, Deduct	*-25.06*	
		For Polished Finish, Add	*89.98*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	428.37	18.63
		For Installation With Adhesive, Deduct	*-28.87*	
		For Polished Finish, Add	*106.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	503.31	20.96
		For Installation With Adhesive, Deduct	*-33.55*	
		For Polished Finish, Add	*125.84*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	568.71	22.13
		For Installation With Adhesive, Deduct	*-37.29*	
		For Polished Finish, Add	*144.06*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	655.99	23.29
		For Installation With Adhesive, Deduct	*-42.12*	
		For Polished Finish, Add	*168.85*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	911.38	27.96
		For Installation With Adhesive, Deduct	*-56.75*	
		For Polished Finish, Add	*239.87*	
10 14 19 00-0279		1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*		
10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	89.19	5.83
		For Installation With Adhesive, Deduct	*-6.79*	
		For Polished Finish, Add	*19.77*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	122.58	6.75
		For Installation With Adhesive, Deduct	*-8.83*	
		For Polished Finish, Add	*28.67*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	158.98	8.15
		For Installation With Adhesive, Deduct	*-11.21*	
		For Polished Finish, Add	*37.91*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	211.26	9.32
		For Installation With Adhesive, Deduct	*-14.29*	
		For Polished Finish, Add	*52.20*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	264.24	10.48
		For Installation With Adhesive, Deduct	*-17.40*	
		For Polished Finish, Add	*66.70*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	328.77	12.11
		For Installation With Adhesive, Deduct	*-21.28*	
		For Polished Finish, Add	*84.09*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	397.43	13.98
		For Installation With Adhesive, Deduct	*-25.46*	
		For Polished Finish, Add	*102.46*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	476.28	16.77
		For Installation With Adhesive, Deduct	*-30.52*	
		For Polished Finish, Add	*122.76*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	569.35	18.63
		For Installation With Adhesive, Deduct	*-35.92*	
		For Polished Finish, Add	*148.44*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	670.43	20.96
		For Installation With Adhesive, Deduct	*-41.91*	
		For Polished Finish, Add	*175.97*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	753.70	22.13
		For Installation With Adhesive, Deduct	*-46.54*	
		For Polished Finish, Add	*199.55*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	872.82	23.29
		For Installation With Adhesive, Deduct	*-52.96*	
		For Polished Finish, Add	*233.90*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,219.41	27.96
		For Installation With Adhesive, Deduct	*-72.15*	
		For Polished Finish, Add	*332.28*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	26.81	10.32
		For >25 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-1.85*	
		For Clear Glass Mount, Add	*4.94*	
		For Glow-In-Dark, Add	*12.34*	
		For Reflective Finish, Add	*13.88*	
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	31.22	10.32
		For >25 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-3.17*	
		For Clear Glass Mount, Add	*8.46*	
		For Glow-In-Dark, Add	*21.16*	
		For Reflective Finish, Add	*23.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	38.28	10.32
		For >25 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-5.29*	
		For Clear Glass Mount, Add	*14.11*	
		For Glow-In-Dark, Add	*35.28*	
		For Reflective Finish, Add	*39.69*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	47.10	10.32
		For >25 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-6.62*	
		For >100, Deduct	*-7.94*	
		For Clear Glass Mount, Add	*21.17*	
		For Glow-In-Dark, Add	*52.92*	
		For Reflective Finish, Add	*59.54*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	62.98	10.32
		For >25 To 50, Deduct	*-4.23*	
		For >50 To 100, Deduct	*-10.59*	
		For >100, Deduct	*-12.70*	
		For Clear Glass Mount, Add	*33.87*	
		For Glow-In-Dark, Add	*84.68*	
		For Reflective Finish, Add	*95.27*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	91.20	10.32
		For >25 To 50, Deduct	*-7.06*	
		For >50 To 100, Deduct	*-17.64*	
		For >100, Deduct	*-21.17*	
		For Clear Glass Mount, Add	*56.45*	
		For Glow-In-Dark, Add	*141.12*	
		For Reflective Finish, Add	*158.76*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	126.48	10.32
		For >25 To 50, Deduct	*-10.58*	
		For >50 To 100, Deduct	*-26.46*	
		For >100, Deduct	*-31.75*	
		For Clear Glass Mount, Add	*84.67*	
		For Glow-In-Dark, Add	*211.68*	
		For Reflective Finish, Add	*238.14*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.14	0.01
		For Clear Glass Mount, Add	*0.10*	
		For Glow-In-Dark, Add	*0.24*	
		For Reflective Finish, Add	*0.27*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	28.58	10.32
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-2.38*	
		For Glow-In-Dark, Add	*15.88*	
		For Reflective Finish, Add	*17.07*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	32.99	10.32
		For >25 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-3.71*	
		For Glow-In-Dark, Add	*24.70*	
		For Reflective Finish, Add	*26.55*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	41.81	10.32
		For >25 To 50, Deduct	*-2.12*	
		For >50 To 100, Deduct	*-5.29*	
		For >100, Deduct	*-6.35*	
		For Glow-In-Dark, Add	*42.34*	
		For Reflective Finish, Add	*45.52*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	50.63	10.32
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-7.50*	
		For >100, Deduct	*-9.00*	
		For Glow-In-Dark, Add	*59.98*	
		For Reflective Finish, Add	*64.48*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	63.86	10.32
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-10.81*	
		For >100, Deduct	*-12.97*	
		For Glow-In-Dark, Add	*86.44*	
		For Reflective Finish, Add	*92.92*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	77.09	10.32
		For >25 To 50, Deduct	*-5.65*	
		For >50 To 100, Deduct	*-14.11*	
		For >100, Deduct	*-16.94*	
		For Glow-In-Dark, Add	*112.90*	
		For Reflective Finish, Add	*121.37*	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	91.20	10.32
		For >25 To 50, Deduct	*-7.06*	
		For >50 To 100, Deduct	*-17.64*	
		For >100, Deduct	*-21.17*	
		For Glow-In-Dark, Add	*141.12*	
		For Reflective Finish, Add	*151.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.10	0.01
		For Glow-In-Dark, Add	*0.16*	
		For Reflective Finish, Add	*0.17*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	41.81	10.32
		For >25 To 50, Deduct	*-2.12*	
		For >50 To 100, Deduct	*-5.29*	
		For >100, Deduct	*-6.35*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	47.10	10.32
		For >25 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-6.62*	
		For >100, Deduct	*-7.94*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	55.92	10.32
		For >25 To 50, Deduct	*-3.53*	
		For >50 To 100, Deduct	*-8.82*	
		For >100, Deduct	*-10.58*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	64.21	10.32
		For >25 To 50, Deduct	*-4.36*	
		For >50 To 100, Deduct	*-10.89*	
		For >100, Deduct	*-13.07*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.71	0.10
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	54.16	10.32
		For >25 To 50, Deduct	*-3.35*	
		For >50 To 100, Deduct	*-8.38*	
		For >100, Deduct	*-10.06*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	64.74	10.32
		For >25 To 50, Deduct	*-4.41*	
		For >50 To 100, Deduct	*-11.03*	
		For >100, Deduct	*-13.23*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	78.85	10.32
		For >25 To 50, Deduct	*-5.82*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-17.46*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	107.08	10.32
		For >25 To 50, Deduct	*-8.64*	
		For >50 To 100, Deduct	*-21.61*	
		For >100, Deduct	*-25.93*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	1.07	0.10
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	27.70	10.32
		For >25 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-2.12*	
		For Glow-In-Dark, Add	*4.24*	
		For Reflective Finish, Add	*5.30*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	32.99	10.32
		For >25 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-3.71*	
		For Glow-In-Dark, Add	*7.41*	
		For Reflective Finish, Add	*9.26*	
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	43.57	10.32
		For >25 To 50, Deduct	*-2.29*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-6.88*	
		For Glow-In-Dark, Add	*13.76*	
		For Reflective Finish, Add	*17.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	55.92	10.32
		For >25 To 50, Deduct	*-3.53*	
		For >50 To 100, Deduct	*-8.82*	
		For >100, Deduct	*-10.58*	
		For Glow-In-Dark, Add	*21.17*	
		For Reflective Finish, Add	*26.46*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	92.96	10.32
		For >25 To 50, Deduct	*-7.23*	
		For >50 To 100, Deduct	*-18.08*	
		For >100, Deduct	*-21.70*	
		For Glow-In-Dark, Add	*43.39*	
		For Reflective Finish, Add	*54.24*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	108.84	10.32
		For >25 To 50, Deduct	*-8.82*	
		For >50 To 100, Deduct	*-22.05*	
		For >100, Deduct	*-26.46*	
		For Glow-In-Dark, Add	*52.92*	
		For Reflective Finish, Add	*66.15*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	130.01	10.32
		For >25 To 50, Deduct	*-10.94*	
		For >50 To 100, Deduct	*-27.34*	
		For >100, Deduct	*-32.81*	
		For Glow-In-Dark, Add	*65.62*	
		For Reflective Finish, Add	*82.03*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.14	0.01
		For Glow-In-Dark, Add	*0.07*	
		For Reflective Finish, Add	*0.09*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	85.47	10.32
		For >25 To 50, Deduct	*-6.48*	
		For >50 To 100, Deduct	*-9.72*	
		For >100, Deduct	*-11.02*	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	85.47	10.32
		For >25 To 50, Deduct	*-6.48*	
		For >50 To 100, Deduct	*-9.72*	
		For >100, Deduct	*-11.02*	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.	111.40	10.32
		For >25 To 50, Deduct	*-9.08*	
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-15.43*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	166.96	10.32
		For >25 To 50, Deduct	*-14.63*	
		For >50 To 100, Deduct	*-21.95*	
		For >100, Deduct	*-24.87*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	38.59	14.44
		For >25 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-2.91*	
		For Glow-In-Dark, Add	*5.82*	
		For Reflective Finish, Add	*7.28*	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	46.53	14.44
		For >25 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-5.29*	
		For Glow-In-Dark, Add	*10.58*	
		For Reflective Finish, Add	*13.23*	
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	57.11	14.44
		For >25 To 50, Deduct	*-2.82*	
		For >50 To 100, Deduct	*-7.06*	
		For >100, Deduct	*-8.47*	
		For Glow-In-Dark, Add	*16.93*	
		For Reflective Finish, Add	*21.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	72.99	14.44
		For >25 To 50, Deduct	*-4.41*	
		For >50 To 100, Deduct	*-11.03*	
		For >100, Deduct	*-13.23*	
		For Glow-In-Dark, Add	*26.46*	
		For Reflective Finish, Add	*33.08*	
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*		
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	39.47	14.44
		For >25 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-3.17*	
		For Glow-In-Dark, Add	*6.35*	
		For Reflective Finish, Add	*7.94*	
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	48.29	14.44
		For >25 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-4.85*	
		For >100, Deduct	*-5.82*	
		For Glow-In-Dark, Add	*11.64*	
		For Reflective Finish, Add	*14.55*	
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	67.70	14.44
		For >25 To 50, Deduct	*-3.88*	
		For >50 To 100, Deduct	*-9.70*	
		For >100, Deduct	*-11.64*	
		For Glow-In-Dark, Add	*23.29*	
		For Reflective Finish, Add	*29.11*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	74.75	14.44
		For >25 To 50, Deduct	*-4.59*	
		For >50 To 100, Deduct	*-11.47*	
		For >100, Deduct	*-13.76*	
		For Glow-In-Dark, Add	*27.52*	
		For Reflective Finish, Add	*34.40*	
10 14 23 11-0061		Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0062		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*		
10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	42.12	14.44
		For >25 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.31*	
		For >100, Deduct	*-3.97*	
		For Glow-In-Dark, Add	*7.94*	
		For Reflective Finish, Add	*9.92*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	55.35	14.44
		For >25 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-6.62*	
		For >100, Deduct	*-7.94*	
		For Glow-In-Dark, Add	*15.88*	
		For Reflective Finish, Add	*19.85*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	60.64	14.44
		For >25 To 50, Deduct	*-3.18*	
		For >50 To 100, Deduct	*-7.94*	
		For >100, Deduct	*-9.53*	
		For Glow-In-Dark, Add	*19.05*	
		For Reflective Finish, Add	*23.81*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	67.70	14.44
		For >25 To 50, Deduct	*-3.88*	
		For >50 To 100, Deduct	*-9.70*	
		For >100, Deduct	*-11.64*	
		For Glow-In-Dark, Add	*23.29*	
		For Reflective Finish, Add	*29.11*	
10 14 23 11-0067		Adhesive Backed Vinyl Characters *(10 14 23 11)* Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.65	0.82
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.45*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.74	0.95
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.47*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.83	1.07
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.49*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.80	1.23
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.63*	
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.93	1.45
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.66*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.55	1.65
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.96*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.93	1.86
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.94	2.07
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.45*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	9.48	2.27
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.83*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	12.11	2.48
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.38*	

10 14 23 11-0078 Standoffs For Wall Signage *(10 14 23 11)*

Note: Exxcludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	12.20	4.66
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	12.57	4.66
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	12.66	4.66
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	13.32	4.66
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	13.69	4.66
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	14.44	4.66
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	14.34	5.59
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	15.36	5.59
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	16.20	5.59
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	17.13	5.59
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	18.33	5.59
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	19.82	5.59
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	13.60	4.66
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	13.88	4.66
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	15.17	5.59
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	15.45	5.59
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	16.75	5.59
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	16.94	5.59

10 14 23 11-0097 Removal And Reinstallation Of Building Signage *(10 14 23 11)*

Note: Includes storage and cleaning.

10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	163.14
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	187.57
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	210.87
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	61.91

10 14 23 11-0102 Building Sign *(10 14 23 11)*

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	138.42	24.76
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	39.37	6.52
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	29.56	6.06
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	23.52	5.12
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	27.17	5.60
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	29.81	6.06
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	35.16	6.52

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001 Traffic Signs *(10 14 53 11)*

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	61.29	18.57
		For Hi-Intensity Grade, Add	*7.24*	
		For Diamond Grade, Add	*13.76*	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	70.78	19.64
		For Hi-Intensity Grade, Add	*9.47*	
		For Diamond Grade, Add	*17.99*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	76.57	20.64
		For Hi-Intensity Grade, Add	*14.47*	
		For Diamond Grade, Add	*22.94*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	88.53	21.71
		For Hi-Intensity Grade, Add	*5.42*	
		For Diamond Grade, Add	*29.37*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	117.83	22.70
		For Hi-Intensity Grade, Add	*15.93*	
		For Diamond Grade, Add	*49.98*	

10 14 53 11-0009 Other Reflectorized Traffic Signs *(10 14 53 11-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 11-0010 Aluminum Engineer Grade Traffic Signs *(10 14 53 11-0009)*

10 14 53 11-0011	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	39.00	16.51
		For Hi-Intensity Grade, Add	*1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0012	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	41.99	16.51
		For Hi-Intensity Grade, Add	*2.69*	
10 14 53 11-0013	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	41.99	16.51
		For Hi-Intensity Grade, Add	*2.69*	
10 14 53 11-0014	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	44.23	16.51
		For Hi-Intensity Grade, Add	*3.36*	
10 14 53 11-0015	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	46.48	16.51
		For Hi-Intensity Grade, Add	*4.04*	
10 14 53 11-0016	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	53.02	17.55
		For Hi-Intensity Grade, Add	*5.38*	
10 14 53 11-0017	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	70.97	17.55
		For Hi-Intensity Grade, Add	*10.77*	
10 14 53 11-0018	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	44.98	16.51
		For Hi-Intensity Grade, Add	*3.59*	
10 14 53 11-0019	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	53.02	17.55
		For Hi-Intensity Grade, Add	*5.38*	
10 14 53 11-0020	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	59.00	17.55
		For Hi-Intensity Grade, Add	*7.18*	
10 14 53 11-0021	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	64.98	17.55
		For Hi-Intensity Grade, Add	*8.97*	
10 14 53 11-0022	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	70.97	17.55
		For Hi-Intensity Grade, Add	*10.77*	
10 14 53 11-0023	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	61.99	17.55
		For Hi-Intensity Grade, Add	*8.07*	
10 14 53 11-0024	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	70.97	17.55
		For Hi-Intensity Grade, Add	*10.77*	
10 14 53 11-0025	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	82.01	18.57
		For Hi-Intensity Grade, Add	*13.46*	
10 14 53 11-0026	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	90.98	18.57
		For Hi-Intensity Grade, Add	*16.15*	
10 14 53 11-0027	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	117.17	22.70
		For Hi-Intensity Grade, Add	*21.53*	
10 14 53 11-0028	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	126.14	22.70
		For Hi-Intensity Grade, Add	*24.22*	
10 14 53 11-0029	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	85.00	18.57
		For Hi-Intensity Grade, Add	*14.36*	
10 14 53 11-0030	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	96.96	18.57
		For Hi-Intensity Grade, Add	*17.94*	
10 14 53 11-0031	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	108.92	18.57
		For Hi-Intensity Grade, Add	*21.53*	
10 14 53 11-0032	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	129.13	22.70
		For Hi-Intensity Grade, Add	*25.12*	
10 14 53 11-0033	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	141.10	22.70
		For Hi-Intensity Grade, Add	*28.71*	
10 14 53 11-0034	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	153.06	22.70
		For Hi-Intensity Grade, Add	*32.30*	
10 14 53 11-0035	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	165.02	22.70
		For Hi-Intensity Grade, Add	*35.89*	
10 14 53 11-0036	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	111.91	18.57
		For Hi-Intensity Grade, Add	*22.43*	
10 14 53 11-0037	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	135.11	22.70
		For Hi-Intensity Grade, Add	*26.91*	
10 14 53 11-0038	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	150.07	22.70
		For Hi-Intensity Grade, Add	*31.40*	
10 14 53 11-0039	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	173.27	26.83
		For Hi-Intensity Grade, Add	*35.89*	
10 14 53 11-0040	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	211.44	30.96
		For Hi-Intensity Grade, Add	*44.86*	
10 14 53 11-0041	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	153.06	22.70
		For Hi-Intensity Grade, Add	*32.30*	
10 14 53 11-0042	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	179.25	26.83
		For Hi-Intensity Grade, Add	*37.68*	
10 14 53 11-0043	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	205.46	30.96
		For Hi-Intensity Grade, Add	*43.06*	
10 14 53 11-0044	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	223.41	30.96
		For Hi-Intensity Grade, Add	*48.45*	
10 14 53 11-0045	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	249.60	35.08
		For Hi-Intensity Grade, Add	*53.83*	
10 14 53 11-0046	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	296.73	39.21
		For Hi-Intensity Grade, Add	*65.49*	
10 14 53 11-0047	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	311.68	39.21
		For Hi-Intensity Grade, Add	*69.98*	
10 14 53 11-0048	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	413.78	45.40
		For Hi-Intensity Grade, Add	*96.89*	
10 14 53 11-0049	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	208.45	30.96
		For Hi-Intensity Grade, Add	*43.96*	
10 14 53 11-0050	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	261.56	35.08
		For Hi-Intensity Grade, Add	*57.42*	
10 14 53 11-0051	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	293.74	39.21
		For Hi-Intensity Grade, Add	*64.60*	
10 14 53 11-0052	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	317.66	39.21
		For Hi-Intensity Grade, Add	*71.77*	
10 14 53 11-0053	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	353.97	45.40
		For Hi-Intensity Grade, Add	*78.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0054	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	377.90	45.40
		For Hi-Intensity Grade, Add	*86.13*	
10 14 53 11-0055	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	434.00	49.53
		For Hi-Intensity Grade, Add	*100.48*	
10 14 53 11-0056	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	481.84	49.53
		For Hi-Intensity Grade, Add	*114.83*	
10 14 53 11-0057	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	505.77	49.53
		For Hi-Intensity Grade, Add	*122.01*	
10 14 53 11-0058	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	533.81	51.60
		For Hi-Intensity Grade, Add	*129.19*	
10 14 53 11-0059	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	457.92	49.53
		For Hi-Intensity Grade, Add	*107.66*	
10 14 53 11-0060	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	993.34	66.04
		For Hi-Intensity Grade, Add	*258.38*	
10 14 53 11-0061	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	725.20	51.60
		For Hi-Intensity Grade, Add	*186.61*	

10 14 53 11-0062 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0063 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0062)*

10 14 53 11-0064	EA	6" x 12" Steel Non Reflectorized Traffic Sign	38.19	16.51
10 14 53 11-0065	EA	6" x 18" Steel Non Reflectorized Traffic Sign	40.78	16.51
10 14 53 11-0066	EA	9" x 12" Steel Non Reflectorized Traffic Sign	40.78	16.51
10 14 53 11-0067	EA	9" x 15" Steel Non Reflectorized Traffic Sign	42.71	16.51
10 14 53 11-0068	EA	9" x 18" Steel Non Reflectorized Traffic Sign	44.65	16.51
10 14 53 11-0069	EA	9" x 24" Steel Non Reflectorized Traffic Sign	50.59	17.55
10 14 53 11-0070	EA	9" x 48" Steel Non Reflectorized Traffic Sign	66.10	17.55
10 14 53 11-0071	EA	12" x 12" Steel Non Reflectorized Traffic Sign	43.36	16.51
10 14 53 11-0072	EA	12" x 18" Steel Non Reflectorized Traffic Sign	50.59	17.55
10 14 53 11-0073	EA	12" x 24" Steel Non Reflectorized Traffic Sign	55.76	17.55
10 14 53 11-0074	EA	12" x 30" Steel Non Reflectorized Traffic Sign	60.93	17.55
10 14 53 11-0075	EA	12" x 36" Steel Non Reflectorized Traffic Sign	66.10	17.55
10 14 53 11-0076	EA	18" x 18" Steel Non Reflectorized Traffic Sign	58.35	17.55
10 14 53 11-0077	EA	18" x 24" Steel Non Reflectorized Traffic Sign	66.10	17.55
10 14 53 11-0078	EA	18" x 30" Steel Non Reflectorized Traffic Sign	75.93	18.57
10 14 53 11-0079	EA	18" x 36" Steel Non Reflectorized Traffic Sign	83.69	18.57
10 14 53 11-0080	EA	18" x 48" Steel Non Reflectorized Traffic Sign	107.45	22.70
10 14 53 11-0081	EA	18" x 54" Steel Non Reflectorized Traffic Sign	115.20	22.70
10 14 53 11-0082	EA	24" x 24" Steel Non Reflectorized Traffic Sign	78.51	18.57
10 14 53 11-0083	EA	24" x 30" Steel Non Reflectorized Traffic Sign	88.86	18.57
10 14 53 11-0084	EA	24" x 36" Steel Non Reflectorized Traffic Sign	99.20	18.57
10 14 53 11-0085	EA	24" x 42" Steel Non Reflectorized Traffic Sign	117.79	22.70
10 14 53 11-0086	EA	24" x 48" Steel Non Reflectorized Traffic Sign	128.13	22.70
10 14 53 11-0087	EA	24" x 54" Steel Non Reflectorized Traffic Sign	138.47	22.70
10 14 53 11-0088	EA	24" x 60" Steel Non Reflectorized Traffic Sign	148.81	22.70
10 14 53 11-0089	EA	30" x 30" Steel Non Reflectorized Traffic Sign	101.78	18.57
10 14 53 11-0090	EA	30" x 36" Steel Non Reflectorized Traffic Sign	122.96	22.70
10 14 53 11-0091	EA	30" x 42" Steel Non Reflectorized Traffic Sign	135.88	22.70
10 14 53 11-0092	EA	30" x 48" Steel Non Reflectorized Traffic Sign	157.06	26.83
10 14 53 11-0093	EA	30" x 60" Steel Non Reflectorized Traffic Sign	191.18	30.96
10 14 53 11-0094	EA	36" x 36" Steel Non Reflectorized Traffic Sign	138.47	22.70
10 14 53 11-0095	EA	36" x 42" Steel Non Reflectorized Traffic Sign	162.23	26.83
10 14 53 11-0096	EA	36" x 48" Steel Non Reflectorized Traffic Sign	186.01	30.96
10 14 53 11-0097	EA	36" x 54" Steel Non Reflectorized Traffic Sign	201.52	30.96
10 14 53 11-0098	EA	36" x 60" Steel Non Reflectorized Traffic Sign	225.29	35.08
10 14 53 11-0099	EA	36" x 73" Steel Non Reflectorized Traffic Sign	267.15	39.21
10 14 53 11-0100	EA	36" x 78" Steel Non Reflectorized Traffic Sign	280.07	39.21
10 14 53 11-0101	EA	36" x 108" Steel Non Reflectorized Traffic Sign	370.02	45.40
10 14 53 11-0102	EA	42" x 42" Steel Non Reflectorized Traffic Sign	188.60	30.96
10 14 53 11-0103	EA	48" x 48" Steel Non Reflectorized Traffic Sign	235.63	35.08
10 14 53 11-0104	EA	48" x 54" Steel Non Reflectorized Traffic Sign	264.56	39.21
10 14 53 11-0105	EA	48" x 60" Steel Non Reflectorized Traffic Sign	285.24	39.21
10 14 53 11-0106	EA	48" x 66" Steel Non Reflectorized Traffic Sign	318.31	45.40
10 14 53 11-0107	EA	48" x 72" Steel Non Reflectorized Traffic Sign	339.00	45.40
10 14 53 11-0108	EA	48" x 84" Steel Non Reflectorized Traffic Sign	388.61	49.53
10 14 53 11-0109	EA	48" x 96" Steel Non Reflectorized Traffic Sign	429.98	49.53
10 14 53 11-0110	EA	48" x 102" Steel Non Reflectorized Traffic Sign	450.66	49.53
10 14 53 11-0111	EA	48" x 108" Steel Non Reflectorized Traffic Sign	475.46	51.60
10 14 53 11-0112	EA	60" x 72" Steel Non Reflectorized Traffic Sign	409.29	49.53
10 14 53 11-0113	EA	72" x 144" Steel Non Reflectorized Traffic Sign	876.64	66.04
10 14 53 11-0114	EA	78" x 96" Steel Non Reflectorized Traffic Sign	640.92	51.60

10 14 53 11-0115 Aluminum Non-Reflectorized Traffic Signs *(10 14 53 11-0062)*

10 14 53 11-0116	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	38.40	16.51
10 14 53 11-0117	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	41.09	16.51
10 14 53 11-0118	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	41.09	16.51
10 14 53 11-0119	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	43.11	16.51
10 14 53 11-0120	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	45.13	16.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0121	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	51.22	17.55
10 14 53 11-0122	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	67.37	17.55
10 14 53 11-0123	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	43.78	16.51
10 14 53 11-0124	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	51.22	17.55
10 14 53 11-0125	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	56.61	17.55
10 14 53 11-0126	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	61.99	17.55
10 14 53 11-0127	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	67.37	17.55
10 14 53 11-0128	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	59.30	17.55
10 14 53 11-0129	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	67.37	17.55
10 14 53 11-0130	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	77.51	18.57
10 14 53 11-0131	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	85.58	18.57
10 14 53 11-0132	EA	18" x 48" Aluminum Non Reflectorized Traffic Sign	109.98	22.70
10 14 53 11-0133	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	118.05	22.70
10 14 53 11-0134	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	80.20	18.57
10 14 53 11-0135	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	90.96	18.57
10 14 53 11-0136	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	101.73	18.57
10 14 53 11-0137	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	120.74	22.70
10 14 53 11-0138	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	131.50	22.70
10 14 53 11-0139	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	142.26	22.70
10 14 53 11-0140	EA	24" x 60" Aluminum Non Reflectorized Traffic Sign	153.03	22.70
10 14 53 11-0141	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	104.42	18.57
10 14 53 11-0142	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	126.12	22.70
10 14 53 11-0143	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	139.57	22.70
10 14 53 11-0144	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	161.28	26.83
10 14 53 11-0145	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	196.45	30.96
10 14 53 11-0146	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	142.26	22.70
10 14 53 11-0147	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	166.66	26.83
10 14 53 11-0148	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	191.07	30.96
10 14 53 11-0149	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	207.21	30.96
10 14 53 11-0150	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	231.61	35.08
10 14 53 11-0151	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	274.84	39.21
10 14 53 11-0152	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	288.29	39.21
10 14 53 11-0153	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	381.40	45.40
10 14 53 11-0154	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	193.76	30.96
10 14 53 11-0155	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	242.37	35.08
10 14 53 11-0156	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	272.15	39.21
10 14 53 11-0157	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	293.67	39.21
10 14 53 11-0158	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	327.59	45.40
10 14 53 11-0159	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	349.11	45.40
10 14 53 11-0160	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	400.41	49.53
10 14 53 11-0161	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	443.46	49.53
10 14 53 11-0162	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	464.99	49.53
10 14 53 11-0163	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	490.63	51.60
10 14 53 11-0164	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	421.94	49.53
10 14 53 11-0165	EA	72" x 144" Aluminum Non Reflectorized Traffic Sign	906.98	66.04
10 14 53 11-0166	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	662.83	51.60

10 14 53 11-0167 Aluminum Street Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0168 Aluminum Engineer Grade Street Signs *(10 14 53 11-0167)*

10 14 53 11-0169	EA	6" High, Aluminum Engineer Grade Street Sign	65.97	8.25
		For Hi-Intensity Grade, Add	*14.84*	
10 14 53 11-0170	EA	8" High, Aluminum Engineer Grade Street Sign	74.70	8.25
		For Hi-Intensity Grade, Add	*17.46*	
10 14 53 11-0171	EA	9" High, Aluminum Engineer Grade Street Sign	81.20	8.25
		For Hi-Intensity Grade, Add	*19.41*	

10 14 53 11-0172 Street Sign Accessories *(10 14 53 11-0167)*

10 14 53 11-0173	EA	Single Bracket And Post Cap For Street Sign	20.15	4.13
10 14 53 11-0174	EA	Double Bracket And Post Cap For Street Sign	20.15	4.13

10 14 53 11-0175 Sign Posts *(10 14 53 11-0001)*

Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.

10 14 53 11-0176 U-Channel Sign Posts *(10 14 53 11-0175)*

Note: Excludes digging and concrete.

10 14 53 11-0177 Baked Enamel U-Channel Sign Posts *(10 14 53 11-0176)*

10 14 53 11-0178	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	54.43	16.90
10 14 53 11-0179	EA	6' Baked Enamel U-Channel Sign Post	71.28	21.12
10 14 53 11-0180	EA	7' Baked Enamel U-Channel Sign Post	85.12	25.35
10 14 53 11-0181	EA	8' Baked Enamel U-Channel Sign Post	99.65	29.57
10 14 53 11-0182	EA	10' Baked Enamel U-Channel Sign Post	120.29	35.91
10 14 53 11-0183	EA	12' Baked Enamel U-Channel Sign Post	123.60	35.91

10 14 53 11-0184 Galvanized Steel U-Channel Sign Posts *(10 14 53 11-0176)*

10 14 53 11-0185	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	58.69	16.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0186	EA	6' Galvanized Steel U-Channel Sign Post	78.03	21.12
10 14 53 11-0187	EA	7' Galvanized Steel U-Channel Sign Post	100.40	25.35
10 14 53 11-0188	EA	8' Galvanized Steel U-Channel Sign Post	116.53	29.57
10 14 53 11-0189	EA	10' Galvanized Steel U-Channel Sign Post	132.58	35.91
10 14 53 11-0190	EA	12' Galvanized Steel U-Channel Sign Post	134.29	35.91
10 14 53 11-0191		Fiberglass Or Composite Plastic U-Channel Sign Posts *(10 14 53 11-0176)*		
10 14 53 11-0192	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	53.43	16.90
10 14 53 11-0193	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	69.10	21.12
10 14 53 11-0194	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	82.49	25.35
10 14 53 11-0195	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	96.51	29.57
10 14 53 11-0196	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	114.59	35.91
10 14 53 11-0197	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	120.22	35.91
10 14 53 11-0198		Tubular Sign Posts *(10 14 53 11-0175)* Note: Excludes digging and concrete.		
10 14 53 11-0199		2-3/8" Diameter, Galvanized Steel Tubular Sign Post *(10 14 53 11-0198)*		
10 14 53 11-0200	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	78.73	21.12
10 14 53 11-0201	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	93.46	25.35
10 14 53 11-0202	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	110.34	29.57
10 14 53 11-0203	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	141.82	35.91
10 14 53 11-0204	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	153.41	35.91
10 14 53 11-0205		Square Sign Posts *(10 14 53 11-0175)* Note: Excludes digging and concrete.		
10 14 53 11-0206		Galvanized Steel Square Sign Posts *(10 14 53 11-0205)*		
10 14 53 11-0207	EA	3' To 4' Galvanized Steel Square Sign Post Base	59.63	16.90
10 14 53 11-0208	EA	6' Galvanized Steel Square Sign Post	94.03	21.12
10 14 53 11-0209	EA	7' Galvanized Steel Square Sign Post	110.35	25.35
10 14 53 11-0210	EA	8' Galvanized Steel Square Sign Post	128.71	29.57
10 14 53 11-0211	EA	10' Galvanized Steel Square Sign Post	157.15	35.91
10 14 53 11-0212	EA	12' Galvanized Steel Square Sign Post	165.24	35.91
10 14 53 11-0213		Sign Post Accessories *(10 14 53 11-0001)*		
10 14 53 11-0214		Sign Post Brackets *(10 14 53 11-0213)*		
10 14 53 11-0215	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set Note: Includes 2 single side sign post brackets	39.46	6.19
10 14 53 11-0216	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side sign post brackets	53.17	10.32
10 14 53 11-0217	EA	4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	47.86	8.25
10 14 53 11-0218		Sign Post Caps *(10 14 53 11-0213)*		
10 14 53 11-0219	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	18.35	4.13
10 14 53 11-0220		Sign Post Replacement Bolts *(10 14 53 11-0213)*		
10 14 53 11-0221	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	13.09	
10 14 53 11-0222		Removal Of Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0223	EA	>4 To 10 SF Sign Area, Sign Removal	165.10	
10 14 53 11-0224	EA	>10 To 20 SF Sign Area, Sign Removal	396.24	
10 14 53 11-0225	EA	>20 To 40 SF Sign Area, Sign Removal	594.35	
10 14 53 11-0226	EA	>40 To 100 SF Sign Area, Sign Removal	1,027.79	
10 14 53 11-0227		Removal And Reinstallation Of Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0228	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	251.36	
10 14 53 11-0229	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	597.00	
10 14 53 11-0230	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	893.79	
10 14 53 11-0231	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,543.77	
10 14 53 11-0232	EA	Removal And Reinstallation Of Street Sign On Post	94.93	
10 14 53 11-0233	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	346.23	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13		**Toilet Compartments** *(10 21)*			
10 21 13 13		**Metal Toilet Compartments** *(10 21 13)*			
10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)*			
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.			
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)*			
		Note: All colors.			
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*			
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	848.66		104.87
		For >10, Deduct	*-63.89*		
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,026.65		114.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,096.55		118.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*			
		Note: Includes headrail.			
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	883.13		128.18
		For >10, Deduct	*-62.68*		
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,026.22		137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,084.87		142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*			
		Note: Excludes above ceiling steel.			
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,042.33		151.49
		For >10, Deduct	*-73.94*		
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,215.60		160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,276.88		165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*			
		Note: Excludes above ceiling steel.			
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,006.70		174.79
		For >10, Deduct	*-65.71*		
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,208.98		184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,277.12		188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*		
10 21 13 13-0019		Enamel Coated Steel Urinal Screens *(10 21 13 13-0001)*			
		Note: All colors.			
10 21 13 13-0020		Floor Anchored, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*			
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	449.14		65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*		
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	497.92		69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*		
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	548.21		74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*		
10 21 13 13-0024		Wall Hung, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*			
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	254.46		55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*		
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	274.41		60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	289.79	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0028		**Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	328.98	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	368.50	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	392.98	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	417.48	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	415.75	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	446.32	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	493.59	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	267.97	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	274.04	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	290.48	20.05
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	317.80	20.05
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	323.87	20.05
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 13-0045		**Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	192.51	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	212.35	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	232.20	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	252.03	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	271.87	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	291.70	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	310.02	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	329.86	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	343.62	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	351.55	47.54
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	361.94	48.94
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	395.45	51.27
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	424.38	53.60
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	146.34	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	161.63	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	178.43	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	207.37	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	234.79	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	262.22	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	338.20	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	388.39	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	417.34	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	117.51	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	128.24	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	140.49	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	158.81	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	175.61	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	193.92	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	239.56	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	270.02	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	288.35	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	163.25	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	178.53	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	195.33	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	224.28	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	251.70	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	279.12	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	355.12	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	405.31	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	434.25	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,544.56	104.87
		For >10, Deduct	*-133.48*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*467.18*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,859.24	114.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*570.80*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,947.01	118.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*598.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0007		**Overhead Braced, Stainless Steel, Complete Toilet Partitions** *(10 21 13 14-0002)* Note: Includes headrail.		
10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,325.95	128.18
		For >10, Deduct	*-106.96*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*374.36*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,605.44	137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*465.65*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,745.90	142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*511.55*	
10 21 13 14-0011		**Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions** *(10 21 13 14-0002)* Note: Excludes above ceiling steel.		
10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,824.58	151.49
		For >10, Deduct	*-152.16*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*532.56*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,956.16	160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*572.09*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,046.45	165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*600.43*	
10 21 13 14-0015		**Ceiling Hung, Stainless Steel, Complete Toilet Partitions** *(10 21 13 14-0002)* Note: Excludes above ceiling steel.		
10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,837.19	174.79
		For >10, Deduct	*-148.76*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*520.66*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,222.96	184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*649.16*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,335.27	188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For Diamond Pattern Finish, Add	*685.20*	
10 21 13 14-0019		**Stainless Steel Urinal Screens** *(10 21 13 14-0001)*		
10 21 13 14-0020		**Floor Anchored, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	523.96	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*137.73*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	591.27	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*158.03*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	605.34	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*159.69*	
10 21 13 14-0024		**Wall Hung, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	390.99	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*97.71*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	423.11	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*105.69*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	461.49	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*115.87*	
10 21 13 14-0028		**Wall Hung And Post Supported, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	620.75	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*174.87*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	651.42	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*182.34*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	681.96	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*189.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0032		**Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	523.96	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*137.73*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	591.26	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*158.03*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	661.31	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*179.28*	
10 21 13 14-0036		**Stainless Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 14-0001)*		
10 21 13 14-0037		**Stainless Steel, Toilet Partition Doors** *(10 21 13 14-0036)*		
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	334.97	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For Diamond Pattern Finish, Add	*104.19*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	381.99	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For Diamond Pattern Finish, Add	*120.65*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	393.16	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For Diamond Pattern Finish, Add	*122.92*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	406.73	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For Diamond Pattern Finish, Add	*127.67*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	410.51	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For Diamond Pattern Finish, Add	*129.00*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	294.80	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*83.60*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	327.04	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*93.26*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	341.25	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*96.60*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	357.26	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*100.57*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	383.35	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*108.07*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	413.52	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*117.00*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	481.80	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*139.27*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	526.78	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*153.38*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	540.99	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*156.72*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	567.25	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*165.26*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	601.88	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*176.40*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	630.65	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*184.84*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	690.78	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*204.25*	
10 21 13 14-0057		**70" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 14-0036)*		
10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	201.98	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*60.90*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	220.44	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*65.73*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	239.95	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*70.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	273.26	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*80.96*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	306.57	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*90.99*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	339.88	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*101.01*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	429.42	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*130.72*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	491.38	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*150.78*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	524.70	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*160.80*	
10 21 13 14-0067		**82" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 14-0036)*		
10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	155.87	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*44.77*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	169.28	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*47.83*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	183.14	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*51.05*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	236.35	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*68.04*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	266.59	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*76.99*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	276.55	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*78.85*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	312.89	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*89.94*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	352.38	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*102.13*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	374.33	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*108.17*	
10 21 13 14-0077		**96" To 120" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 14-0036)*		
10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	222.98	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*64.99*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	244.61	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*70.93*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	265.19	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*76.50*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	303.80	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*88.39*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	341.36	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*99.90*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	378.91	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*111.41*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	484.38	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*146.69*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	554.82	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*169.72*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	593.44	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Diamond Pattern Finish, Add	*181.60*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0001		**Laminated Plastic Toilet Partitions And Urinal Screens** *(10 21 13 16)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.		
10 21 13 16-0002		**Laminated Plastic Toilet Partitions** *(10 21 13 16-0001)* Note: Includes all standard Bobrick colors.		
10 21 13 16-0003		**Floor Anchored, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)*		
10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,072.24	104.87
		For >10, Deduct	*-86.25*	
		For Cast Stainless Steel Hardware, Add	*142.13*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,311.71	114.20
		For Cast Stainless Steel Hardware, Add	*142.15*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,411.73	118.86
		For Cast Stainless Steel Hardware, Add	*142.16*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0007		**Overhead Braced, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)* Note: Includes headrail.		
10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,160.95	128.18
		For >10, Deduct	*-90.46*	
		For Cast Stainless Steel Hardware, Add	*142.17*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,410.95	137.50
		For Cast Stainless Steel Hardware, Add	*142.19*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,518.86	142.16
		For Cast Stainless Steel Hardware, Add	*142.19*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0011		**Ceiling Hung, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)* Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,552.31	174.79
		For >10, Deduct	*-120.28*	
		For Cast Stainless Steel Hardware, Add	*142.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,810.42	184.12
		For Cast Stainless Steel Hardware, Add	*142.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,910.43	188.78
		For Cast Stainless Steel Hardware, Add	*142.27*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 16-0015		**Laminated Plastic Urinal Screens** *(10 21 13 16-0001)* Note: Includes all standard Bobrick colors.		
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	452.11	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	492.99	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	508.50	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	351.23	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	369.57	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	387.08	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	466.01	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	511.31	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	560.39	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	430.21	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	471.97	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	486.96	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	356.15	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	387.13	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	400.24	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	409.82	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	418.83	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 16-0039		**Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)*		
10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	181.51	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	200.77	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	220.05	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	240.05	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	258.57	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	278.66	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	285.04	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	292.49	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	307.88	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	320.69	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	335.05	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	381.97	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	435.07	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 16-0053		**69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	147.96	13.99
		For 1-1/4" Pilaster, Add	*9.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*119.99*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	170.65	16.31
		For 1-1/4" Pilaster, Add	*11.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*138.02*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	175.31	18.64
		For 1-1/4" Pilaster, Add	*11.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*138.02*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	193.49	20.97
		For 1-1/4" Pilaster, Add	*12.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*151.54*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	202.09	23.30
		For 1-1/4" Pilaster, Add	*12.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*155.48*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	219.71	25.63
		For 1-1/4" Pilaster, Add	*13.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*168.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	279.58	27.97
		For 1-1/4" Pilaster, Add	*18.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*223.65*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	338.32	30.30
		For 1-1/4" Pilaster, Add	*22.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*277.73*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	379.61	32.63
		For 1-1/4" Pilaster, Add	*25.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*314.35*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	289.93	13.99
		For 1-1/4" Pilaster, Add	*21.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*261.96*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	320.50	16.31
		For 1-1/4" Pilaster, Add	*23.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*287.87*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	325.16	18.64
		For 1-1/4" Pilaster, Add	*23.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*287.87*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	351.79	20.97
		For 1-1/4" Pilaster, Add	*25.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*309.84*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	384.06	23.30
		For 1-1/4" Pilaster, Add	*27.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*337.45*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	410.12	25.63
		For 1-1/4" Pilaster, Add	*29.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*358.85*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	510.28	27.97
		For 1-1/4" Pilaster, Add	*37.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*454.35*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	581.13	30.30
		For 1-1/4" Pilaster, Add	*42.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*520.54*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	596.50	32.63
		For 1-1/4" Pilaster, Add	*43.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For Steel Core Pilaster, Add	*531.24*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,399.80	128.18
		For >10, Deduct	*-114.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*708.94*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,719.60	137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*895.65*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,903.70	142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,004.02*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,403.10	151.49
		For >10, Deduct	*-110.01*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*682.08*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,750.86	160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*886.14*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,934.98	165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*994.50*	
10 21 13 19-0011		Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,474.66	174.79
		For >10, Deduct	*-112.51*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*697.55*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,745.44	184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*853.87*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,929.55	188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*962.24*	
10 21 13 19-0015		Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016		Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	330.86	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*135.81*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	348.81	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*141.16*	
10 21 13 19-0019		Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	418.88	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*184.61*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	527.42	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*246.13*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	585.62	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*276.43*	
10 21 13 19-0023		Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	428.19	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*184.61*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	536.74	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*246.13*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	635.48	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*301.56*	
10 21 13 19-0027		Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0028		Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*		
10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	331.61	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*182.48*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	358.39	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*199.08*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	389.64	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*215.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	443.84	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*249.17*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	456.67	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*257.13*	
10 21 13 19-0034		**Recycled Solid Plastic (HDPE), Toilet Partition Panels** *(10 21 13 19-0027)*		
10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	121.17	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*40.45*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	191.06	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*80.89*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	260.95	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*121.33*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	304.09	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*145.19*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	367.30	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*181.49*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	392.43	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*194.18*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	440.11	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*220.85*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	495.65	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*252.40*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	541.06	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*277.66*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	552.79	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*283.78*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	571.37	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*293.56*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	645.11	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*336.39*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	694.98	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*364.42*	
10 21 13 19-0048		**82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters** *(10 21 13 19-0027)*		
10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	153.63	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*77.91*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	170.89	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*85.72*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	185.95	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*92.17*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	199.90	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*97.93*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	224.40	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*110.23*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	248.88	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*122.52*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	340.59	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*176.49*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	384.83	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*201.03*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	418.97	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*219.30*	
10 21 13 19-0058		**96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters** *(10 21 13 19-0027)*		
10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	187.80	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*93.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	206.78	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*102.19*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	227.79	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*112.33*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	257.99	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*128.17*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	288.47	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*144.17*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	318.67	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*160.01*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	407.53	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*212.21*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	455.76	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*239.22*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	495.49	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*260.96*	

10 21 13 19-0068 Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes headrail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition	1,800.00	128.18
		For >10, Deduct	*-154.37*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*957.06*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,225.22	137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,209.13*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,470.50	142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,355.43*	

10 21 13 19-0074 Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,788.15	151.49
		For >10, Deduct	*-148.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*920.81*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,251.09	160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,196.28*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,496.39	165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,342.58*	

10 21 13 19-0078 Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,868.44	174.79
		For >10, Deduct	*-151.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*941.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,227.45	184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,152.72*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,472.74	188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*1,299.02*	
10 21 13 19-0082		**Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens** *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		**Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0082)*		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	407.53	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*183.35*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	425.68	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*188.82*	
10 21 13 19-0086		**Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	657.05	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*332.27*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	746.97	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*382.25*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	796.38	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*407.10*	
10 21 13 19-0090		**Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	532.39	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*249.21*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	675.68	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*332.27*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	805.71	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*407.10*	
10 21 13 19-0094		**Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		**Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors** *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	434.61	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*246.34*	
10 21 13 19-0097	EA	26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	470.79	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*268.77*	
10 21 13 19-0098	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	511.32	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*291.01*	
10 21 13 19-0099	EA	34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	584.51	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*336.39*	
10 21 13 19-0100	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	601.82	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*347.12*	
10 21 13 19-0101		**Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels** *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	143.99	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*54.60*	
10 21 13 19-0103	EA	12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	236.72	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*109.20*	
10 21 13 19-0104	EA	18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	329.45	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*163.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0105	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	386.04	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*195.99*	
10 21 13 19-0106	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	469.74	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*245.00*	
10 21 13 19-0107	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	502.05	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*262.14*	
10 21 13 19-0108	EA	42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	564.79	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*298.15*	
10 21 13 19-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	638.14	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*340.74*	
10 21 13 19-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	697.80	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*374.84*	
10 21 13 19-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	712.98	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*383.10*	
10 21 13 19-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	737.08	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*396.30*	
10 21 13 19-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	835.01	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*454.13*	
10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	900.70	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*491.97*	

10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	197.61	13.99
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*105.18*	
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	219.29	16.31
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*115.73*	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	237.97	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*124.42*	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	274.57	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*144.22*	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	308.46	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*162.35*	
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	342.30	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*180.44*	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	440.21	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*238.25*	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	498.31	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*271.39*	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	542.77	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*296.06*	

10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	240.48	18.64
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*125.98*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	264.48	20.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*137.97*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	291.22	23.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*151.66*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	330.35	25.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*173.03*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	369.87	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*194.64*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	409.00	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*216.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	527.34	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*286.49*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	590.80	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*322.95*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	642.80	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*352.30*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,628.83	104.87
		For >10, Deduct	*-141.91*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*308.49*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,001.25	114.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*383.72*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,234.80	118.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*431.27*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,808.10	128.18
		For >10, Deduct	*-155.17*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*338.68*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,195.33	137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*417.02*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,440.15	142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*466.94*	

10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,866.83	151.49
		For >10, Deduct	*-156.39*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*343.56*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,251.31	160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*421.32*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,484.85	165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*468.87*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,841.06	174.79
		For >10, Deduct	*-149.15*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*330.69*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,213.22	184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*405.86*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,446.76	188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
		For NFPA Class A, Add	*453.41*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	592.95	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*103.65*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	670.44	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*118.43*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	804.27	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*145.04*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	378.84	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*61.67*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	438.86	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*72.78*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	527.67	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*89.94*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	384.69	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*61.40*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	481.84	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*80.32*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	563.40	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*95.95*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	610.30	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*108.78*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	688.25	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*123.66*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	824.61	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*150.81*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	441.78	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*86.81*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	456.99	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*90.00*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	500.67	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*98.43*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	540.33	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*106.76*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	581.08	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
		For NFPA Class A, Add	*115.31*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	140.23	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*20.50*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	187.01	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*29.58*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	254.86	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*43.08*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	323.43	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*56.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	360.67	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*63.81*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	399.79	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*71.28*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	466.55	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*84.55*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	535.30	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*98.24*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	570.94	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*104.98*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	586.88	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*108.03*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	598.14	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*109.95*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	688.43	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*128.16*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	831.67	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*157.50*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	209.93	13.99
		For 1" Pilaster, Add	*22.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*39.61*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	241.63	16.31
		For 1" Pilaster, Add	*26.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*45.52*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	246.29	18.64
		For 1" Pilaster, Add	*26.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*45.75*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	285.32	20.97
		For 1" Pilaster, Add	*30.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*53.21*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	320.96	23.30
		For 1" Pilaster, Add	*34.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*59.94*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	356.61	25.63
		For 1" Pilaster, Add	*38.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*66.68*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	456.47	27.97
		For 1" Pilaster, Add	*50.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*86.91*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	560.84	30.30
		For 1" Pilaster, Add	*62.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*108.08*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	589.18	32.63
		For 1" Pilaster, Add	*65.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*113.29*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	230.21	13.99
		For 1" Pilaster, Add	*25.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*43.87*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	269.80	16.31
		For 1" Pilaster, Add	*29.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*51.44*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	274.46	18.64
		For 1" Pilaster, Add	*29.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*51.67*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	317.99	20.97
		For 1" Pilaster, Add	*34.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*60.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	359.27	23.30
		For 1" Pilaster, Add	*39.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*67.99*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	400.84	25.63
		For 1" Pilaster, Add	*43.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*75.97*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	522.38	27.97
		For 1" Pilaster, Add	*58.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*100.75*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	622.54	30.30
		For 1" Pilaster, Add	*70.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*121.04*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	654.82	32.63
		For 1" Pilaster, Add	*73.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*127.07*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	259.81	18.64
		For 1" Pilaster, Add	*27.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*48.59*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	307.29	20.97
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*57.82*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	311.95	23.30
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*58.05*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	359.99	25.63
		For 1" Pilaster, Add	*38.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*67.39*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	406.90	27.97
		For 1" Pilaster, Add	*43.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*76.50*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	454.37	30.30
		For 1" Pilaster, Add	*49.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*85.72*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	597.63	32.63
		For 1" Pilaster, Add	*66.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*115.06*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	693.55	34.96
		For 1" Pilaster, Add	*77.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*134.46*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	729.76	37.29
		For 1" Pilaster, Add	*81.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
		For NFPA Class A, Add	*141.32*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,799.12	104.87
		For >10, Deduct	*-158.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,214.00	114.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,474.44	118.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0227		Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Includes headrail.		
10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,994.30	128.18
		For >10, Deduct	*-173.79*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,425.77	137.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,698.85	142.16
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0231		Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,054.49	151.49
		For >10, Deduct	*-175.15*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,482.87	160.81
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,743.32	165.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0235		Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,020.04	174.79
		For >10, Deduct	*-167.05*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,434.62	184.12
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,695.06	188.78
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0239		Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0240		Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	648.45	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	734.12	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	882.89	74.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0244		Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	410.88	55.90
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	476.99	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	575.34	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0248		Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	416.31	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	524.00	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	614.24	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0252		Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	669.00	60.56
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	755.18	65.23
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	906.80	69.88
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.

10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*

10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	490.31	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	507.35	18.64
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	555.72	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	600.14	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	645.77	20.97
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	

10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*

10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	150.35	27.97
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	202.18	30.30
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	277.61	32.63
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	353.85	34.96
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	395.00	37.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	438.25	39.62
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	512.47	41.95
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	588.90	44.29
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	628.27	46.61
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	645.90	47.54
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	658.18	48.94
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	758.74	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	918.60	53.60
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	231.77	13.99
		For 1" Pilaster, Add	*25.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	266.71	16.31
		For 1" Pilaster, Add	*29.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	271.37	18.64
		For 1" Pilaster, Add	*29.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	314.52	20.97
		For 1" Pilaster, Add	*34.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	353.88	23.30
		For 1" Pilaster, Add	*38.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	393.25	25.63
		For 1" Pilaster, Add	*42.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	504.54	27.97
		For 1" Pilaster, Add	*56.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	620.88	30.30
		For 1" Pilaster, Add	*70.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	652.05	32.63
		For 1" Pilaster, Add	*73.35*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	254.48	13.99
		For 1" Pilaster, Add	*28.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	298.26	16.31
		For 1" Pilaster, Add	*33.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	302.92	18.64
		For 1" Pilaster, Add	*33.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	351.12	20.97
		For 1" Pilaster, Add	*38.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	396.79	23.30
		For 1" Pilaster, Add	*43.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	442.79	25.63
		For 1" Pilaster, Add	*48.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	578.36	27.97
		For 1" Pilaster, Add	*65.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	689.98	30.30
		For 1" Pilaster, Add	*78.67*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	725.56	32.63
		For 1" Pilaster, Add	*82.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0297		96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	286.52	18.64
		For 1" Pilaster, Add	*31.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	339.13	20.97
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	343.79	23.30
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	397.03	25.63
		For 1" Pilaster, Add	*43.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	449.01	27.97
		For 1" Pilaster, Add	*49.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	501.63	30.30
		For 1" Pilaster, Add	*55.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	661.51	32.63
		For 1" Pilaster, Add	*74.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	768.38	34.96
		For 1" Pilaster, Add	*87.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	808.38	37.29
		For 1" Pilaster, Add	*91.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0307		Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0308		Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*		
		Note: Small particulate finish.		
10 21 13 19-0309		Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	4,584.52	104.87
		For >10, Deduct	*-437.48*	
		For Solid Color Material (No Particulate), Deduct	*-1,006.20*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	5,543.90	114.20
		For Solid Color Material (No Particulate), Deduct	*-1,222.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,152.62	118.86
		For Solid Color Material (No Particulate), Deduct	*-1,360.43*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0313		**Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)*		
10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	4,750.28	128.18
		For >10, Deduct	*-449.39*	
		For Solid Color Material (No Particulate), Deduct	*-1,033.60*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,259.23	137.50
		For Solid Color Material (No Particulate), Deduct	*-1,376.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,935.06	142.16
		For Solid Color Material (No Particulate), Deduct	*-1,529.67*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0317		**Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,316.69	151.49
		For >10, Deduct	*-501.37*	
		For Solid Color Material (No Particulate), Deduct	*-1,153.16*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,165.86	160.81
		For Solid Color Material (No Particulate), Deduct	*-1,574.18*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,841.17	165.46
		For Solid Color Material (No Particulate), Deduct	*-1,727.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0321		**Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,356.85	174.79
		For >10, Deduct	*-500.73*	
		For Solid Color Material (No Particulate), Deduct	*-1,151.68*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,866.36	184.12
		For Solid Color Material (No Particulate), Deduct	*-1,494.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,541.65	188.78
		For Solid Color Material (No Particulate), Deduct	*-1,647.74*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*176.89*	
10 21 13 19-0325		**Solid Polyester (Corian) Urinal Screens** *(10 21 13 19-0307)*		
10 21 13 19-0326		**Floor Anchored, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,243.22	65.23
		For Solid Color Material (No Particulate), Deduct	*-255.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,652.14	69.88
		For Solid Color Material (No Particulate), Deduct	*-347.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,061.07	74.54
		For Solid Color Material (No Particulate), Deduct	*-439.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0330		**Wall Hung, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	622.91	55.90
		For Solid Color Material (No Particulate), Deduct	*-117.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	802.58	60.56
		For Solid Color Material (No Particulate), Deduct	*-156.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	982.27	65.23
		For Solid Color Material (No Particulate), Deduct	*-195.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	822.20	60.56
		For Solid Color Material (No Particulate), Deduct	*-161.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,031.32	65.23
		For Solid Color Material (No Particulate), Deduct	*-207.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,240.43	69.88
		For Solid Color Material (No Particulate), Deduct	*-253.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0338		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,277.45	60.56
		For Solid Color Material (No Particulate), Deduct	*-265.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,686.37	65.23
		For Solid Color Material (No Particulate), Deduct	*-357.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,095.29	69.88
		For Solid Color Material (No Particulate), Deduct	*-449.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0342		Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0307)*		
10 21 13 19-0343		Solid Polyester (Corian), Toilet Partition Doors *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,002.98	18.64
		For Solid Color Material (No Particulate), Deduct	*-222.11*	
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,072.00	18.64
		For Solid Color Material (No Particulate), Deduct	*-237.98*	
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,222.63	20.97
		For Solid Color Material (No Particulate), Deduct	*-271.56*	
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,365.05	20.97
		For Solid Color Material (No Particulate), Deduct	*-304.31*	
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,427.03	20.97
		For Solid Color Material (No Particulate), Deduct	*-318.57*	
		For Heavy Gauge Full-Height SS Hinge, Add	*78.87*	
10 21 13 19-0349		Solid Polyester (Corian), Toilet Partition Panels *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	255.72	27.97
		For Solid Color Material (No Particulate), Deduct	*-45.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	460.19	30.30
		For Solid Color Material (No Particulate), Deduct	*-91.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	664.65	32.63
		For Solid Color Material (No Particulate), Deduct	*-137.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	869.12	34.96
		For Solid Color Material (No Particulate), Deduct	*-183.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,073.57	37.29
		For Solid Color Material (No Particulate), Deduct	*-229.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,278.02	39.62
		For Solid Color Material (No Particulate), Deduct	*-275.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,482.50	41.95
		For Solid Color Material (No Particulate), Deduct	*-321.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,686.94	44.29
		For Solid Color Material (No Particulate), Deduct	*-367.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,924.70	46.61
		For Solid Color Material (No Particulate), Deduct	*-421.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,026.48	47.54
		For Solid Color Material (No Particulate), Deduct	*-444.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,095.88	48.94
		For Solid Color Material (No Particulate), Deduct	*-459.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,433.53	51.27
		For Solid Color Material (No Particulate), Deduct	*-536.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,704.58	53.60
		For Solid Color Material (No Particulate), Deduct	*-597.40*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0363		**72" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	341.54	13.99
		For Solid Color Material (No Particulate), Deduct	*-72.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	424.59	16.31
		For Solid Color Material (No Particulate), Deduct	*-90.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	507.65	18.64
		For Solid Color Material (No Particulate), Deduct	*-108.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	669.12	20.97
		For Solid Color Material (No Particulate), Deduct	*-144.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	830.56	23.30
		For Solid Color Material (No Particulate), Deduct	*-180.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	992.01	25.63
		For Solid Color Material (No Particulate), Deduct	*-216.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,467.03	27.97
		For Solid Color Material (No Particulate), Deduct	*-324.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,785.28	30.30
		For Solid Color Material (No Particulate), Deduct	*-396.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,946.74	32.63
		For Solid Color Material (No Particulate), Deduct	*-432.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0373		**82" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	385.09	13.99
		For Solid Color Material (No Particulate), Deduct	*-82.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	479.05	16.31
		For Solid Color Material (No Particulate), Deduct	*-102.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	562.78	18.64
		For Solid Color Material (No Particulate), Deduct	*-120.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	769.83	20.97
		For Solid Color Material (No Particulate), Deduct	*-167.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	939.43	23.30
		For Solid Color Material (No Particulate), Deduct	*-205.35*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,122.65	25.63
		For Solid Color Material (No Particulate), Deduct	*-246.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,663.02	27.97
		For Solid Color Material (No Particulate), Deduct	*-369.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,024.82	30.30
		For Solid Color Material (No Particulate), Deduct	*-451.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,208.05	32.63
		For Solid Color Material (No Particulate), Deduct	*-492.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0383		**96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	507.65	18.64
		For Solid Color Material (No Particulate), Deduct	*-108.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	629.91	20.97
		For Solid Color Material (No Particulate), Deduct	*-135.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	752.17	23.30
		For Solid Color Material (No Particulate), Deduct	*-162.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	992.01	25.63
		For Solid Color Material (No Particulate), Deduct	*-216.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,231.85	27.97
		For Solid Color Material (No Particulate), Deduct	*-270.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,471.69	30.30
		For Solid Color Material (No Particulate), Deduct	*-324.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,181.92	32.63
		For Solid Color Material (No Particulate), Deduct	*-486.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,656.96	34.96
		For Solid Color Material (No Particulate), Deduct	*-595.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,896.80	37.29
		For Solid Color Material (No Particulate), Deduct	*-649.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*49.01*	

10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

10 21 13 43-0001 Accessories *(10 21 13 43)*

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	11.32	1.87
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	22.12	1.87
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	76.87	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	59.29	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	98.75	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	59.62	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	140.24	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	171.68	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	100.61	

10 21 16 Shower and Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,066.98	116.53
		For 66" High Panels, Add	*125.09*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,363.61	125.85
		For 66" High Panels, Add	*166.79*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,788.69	139.83
		For 66" High Panels, Add	*226.35*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,113.26	163.14
		For 66" High Panels, Add	*268.05*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,437.86	186.45
		For 66" High Panels, Add	*309.75*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,659.85	204.81
		For 66" High Panels, Add	*378.50*	
		For 6" Wide Head Rail, Add	*71.60*	
		For 8" Wide Head Rail, Add	*98.20*	
		For 10" Wide Head Rail, Add	*120.70*	
		For 12" Wide Head Rail, Add	*145.26*	
		For 18" Wide, 1/2" Thick Bench, Add	*125.96*	
		For 24" Wide, 1/2" Thick Bench, Add	*165.96*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,315.30	223.64
		For 66" High Panels, Add	*474.93*	
		For 6" Wide Head Rail, Add	*90.51*	
		For 8" Wide Head Rail, Add	*123.67*	
		For 10" Wide Head Rail, Add	*152.35*	
		For 12" Wide Head Rail, Add	*183.26*	
		For 18" Wide, 1/2" Thick Bench, Add	*129.73*	
		For 24" Wide, 1/2" Thick Bench, Add	*169.73*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,226.06	237.81
		For 66" High Panels, Add	*610.13*	
		For 6" Wide Head Rail, Add	*117.27*	
		For 8" Wide Head Rail, Add	*159.53*	
		For 10" Wide Head Rail, Add	*197.03*	
		For 12" Wide Head Rail, Add	*236.92*	
		For 18" Wide, 1/2" Thick Bench, Add	*132.56*	
		For 24" Wide, 1/2" Thick Bench, Add	*172.56*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,503.18	266.05
		For 66" High Panels, Add	*648.87*	
		For 6" Wide Head Rail, Add	*124.45*	
		For 8" Wide Head Rail, Add	*169.49*	
		For 10" Wide Head Rail, Add	*209.20*	
		For 12" Wide Head Rail, Add	*251.57*	
		For 18" Wide, 1/2" Thick Bench, Add	*138.21*	
		For 24" Wide, 1/2" Thick Bench, Add	*178.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,167.07	289.17
		For 66" High Panels, Add	*746.15*	
		For 6" Wide Head Rail, Add	*143.45*	
		For 8" Wide Head Rail, Add	*195.12*	
		For 10" Wide Head Rail, Add	*241.00*	
		For 12" Wide Head Rail, Add	*289.78*	
		For 18" Wide, 1/2" Thick Bench, Add	*142.83*	
		For 24" Wide, 1/2" Thick Bench, Add	*182.83*	

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.42	1.17
		For 5' Wide Panels, Add	*0.65*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.99	1.40
		For 5' Wide Panels, Add	*0.71*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	19.08	1.63
		For 5' Wide Panels, Add	*0.79*	

10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.84	1.40
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.42	1.63
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	19.24	1.87

10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,349.19	244.71
		For 8 Gauge, Add	*153.44*	
		For 6 Gauge, Add	*306.87*	
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,412.12	270.34
		For 8 Gauge, Add	*157.75*	
		For 6 Gauge, Add	*315.50*	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,556.08	279.67
		For 8 Gauge, Add	*177.48*	
		For 6 Gauge, Add	*354.96*	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,698.88	302.97
		For 8 Gauge, Add	*194.24*	
		For 6 Gauge, Add	*388.47*	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,750.73	321.61
		For 8 Gauge, Add	*198.29*	
		For 6 Gauge, Add	*396.57*	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,936.66	340.26
		For 8 Gauge, Add	*222.45*	
		For 6 Gauge, Add	*444.89*	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	2,081.21	365.90
		For 8 Gauge, Add	*239.00*	
		For 6 Gauge, Add	*478.00*	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	2,277.04	382.21
		For 8 Gauge, Add	*265.11*	
		For 6 Gauge, Add	*530.23*	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	2,292.77	391.53
		For 8 Gauge, Add	*265.61*	
		For 6 Gauge, Add	*531.22*	
10 22 13 00-0019	EA	10' x 10' Sliding Door, 10 Gauge With Cylinder Lock	2,543.39	414.84
		For 8 Gauge, Add	*298.54*	
		For 6 Gauge, Add	*597.08*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Swing Door, 10 Gauge With Cylinder Lock	931.52	144.49
		For 8 Gauge, Add	*108.65*	
		For 6 Gauge, Add	*217.31*	
10 22 13 00-0023	EA	3' x 8' Swing Door, 10 Gauge With Cylinder Lock	1,005.35	163.14
		For 8 Gauge, Add	*118.17*	
		For 6 Gauge, Add	*236.35*	
10 22 13 00-0024	EA	3' x 9' Swing Door, 10 Gauge With Cylinder Lock	1,079.37	172.46
		For 8 Gauge, Add	*127.41*	
		For 6 Gauge, Add	*254.83*	
10 22 13 00-0025	EA	4' x 7' Swing Door, 10 Gauge With Cylinder Lock	1,051.96	186.45
		For 8 Gauge, Add	*120.51*	
		For 6 Gauge, Add	*241.01*	
10 22 13 00-0026	EA	4' x 8' Swing Door, 10 Gauge With Cylinder Lock	1,128.89	195.76
		For 8 Gauge, Add	*130.18*	
		For 6 Gauge, Add	*260.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0027	EA	4' x 9' Swing Door, 10 Gauge With Cylinder Lock	1,179.15	205.09
		For 8 Gauge, Add	*135.86*	
		For 6 Gauge, Add	*271.71*	
10 22 13 00-0028	EA	4' x 7' Dutch Door, 10 Gauge With Cylinder Lock	1,431.02	186.45
		For 8 Gauge, Add	*177.36*	
		For 6 Gauge, Add	*354.73*	
10 22 13 00-0029	EA	4' x 8' Dutch Door, 10 Gauge With Cylinder Lock	1,519.83	195.76
		For 8 Gauge, Add	*188.82*	
		For 6 Gauge, Add	*377.64*	

10 22 13 00-0030 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0031	EA	6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,483.26	233.05
		For 8 Gauge, Add	*175.88*	
		For 6 Gauge, Add	*351.76*	
10 22 13 00-0032	EA	6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,511.22	247.04
		For 8 Gauge, Add	*177.28*	
		For 6 Gauge, Add	*354.55*	
10 22 13 00-0033	EA	6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock	2,139.59	261.02
		For 8 Gauge, Add	*268.73*	
		For 6 Gauge, Add	*537.47*	
10 22 13 00-0034	EA	8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,576.48	279.67
		For 8 Gauge, Add	*180.54*	
		For 6 Gauge, Add	*361.08*	
10 22 13 00-0035	EA	8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,604.45	293.65
		For 8 Gauge, Add	*181.94*	
		For 6 Gauge, Add	*363.88*	
10 22 13 00-0036	EA	8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock	2,232.80	307.64
		For 8 Gauge, Add	*273.39*	
		For 6 Gauge, Add	*546.79*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	141.45	14.83
		For >9, Add 17.68		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	124.35	11.81
		For >9, Add 15.54		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	107.26	8.88
		For >9, Add 13.41		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	149.52	11.81
		For >9, Add 18.69		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	218.20	12.70
		For >9, Add 27.28		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	219.66	14.83
		For >9, Add 27.46		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	275.47	16.16
		For >9, Add 34.43		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	46.27	2.22
		For Acoustical Partitions, Add	*4.19*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	57.76	3.73
		For Acoustical Partitions, Add	*5.03*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	49.37	2.31
		For Acoustical Partitions, Add	*4.47*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	70.63	3.20
		For Acoustical Partitions, Add	*6.43*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001 Demountable Gypsum Partitions *(10 22 19 53)*

10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	87.73	14.83
		For >9, Add 10.97		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	150.04	16.16
		For >9, Add 18.76		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	161.40	17.77
		For >9, Add 20.18		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	177.73	14.83
		For >9, Add 22.22		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	297.83	16.16
		For >9, Add 37.23		

10 22 23 Portable Partitions, Screens, and Panels *(10 22)*

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used.
For 100 percent glass 1/4" tempered plate is used.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23		**Movable Panel Systems** *(10 22 23)*		
10 22 23 23-0001		Portable Partitions *(10 22 23 23)*		
10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	279.77	7.11
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	298.13	7.90
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	354.40	9.50
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	206.59	4.09
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	219.13	4.70
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	246.18	5.68
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	210.04	4.35
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	373.60	7.90
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	410.31	9.50
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	217.62	5.42
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	247.50	6.31
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	199.56	4.70
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	223.82	5.68
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	331.67	7.90
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	373.97	9.50
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	337.26	7.90
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	410.31	9.50
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	261.06	4.70
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	293.71	5.68
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	275.73	4.35
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	328.98	5.15
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	158.92	5.42
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	187.40	6.31
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	169.31	5.68
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	123.38	4.35
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	201.46	5.68
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	229.88	5.95
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	184.87	5.77
10 22 23 23-0030		Adjustable Barrier Panel System (Edge Guard) *(10 22 23 13)* Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	959.80	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	911.01	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	715.87	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	829.70	
10 22 23 23-0035	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,472.05	
10 22 23 23-0036	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,634.67	
10 22 23 23-0037	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,959.91	
10 22 23 23-0038	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	319.49	
10 22 23 23-0039	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	439.24	
10 22 23 23-0040	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	471.77	
10 22 23 23-0041	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	262.57	
10 22 23 23-0042	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	262.57	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	17.11	
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	451.86	
10 22 33		**Accordion Folding Partitions** *(10 22)*		
10 22 33 00-0001		Accordion Doors/Partitions *(10 22 33)* Note: Includes top support track and assembled panels.		
10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)	75.93	4.40
		For <135, Add	*15.19*	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)	77.09	4.54
		For <135, Add	*15.42*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	80.75	4.69
		For <135, Add	*16.15*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	85.72	4.84
		For <135, Add	*17.14*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	87.19	4.99
		For <135, Add	*17.44*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	88.23	5.14
		For <135, Add	*17.65*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	89.24	5.28
		For <135, Add	*17.85*	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	90.48	5.57
		For <135, Add	*18.10*	
10 22 43		**Sliding Partitions** *(10 22)*		
10 22 43 00-0001		Operable Wall *(10 22 43)* Note: Includes top support track, assembled panel and frames.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	117.41	8.09
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*10.25*	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	110.56	6.47
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*10.03*	
10 22 43 00-0004	SF	>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	105.36	5.38
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*9.82*	
10 22 43 00-0005	SF	Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	101.80	5.66
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*9.33*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	96.26	4.60
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*9.07*	
10 22 43 00-0007	SF	>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	92.81	4.12
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*8.85*	
10 22 43 00-0008	SF	Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	91.23	4.45
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*8.57*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	86.83	3.80
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*8.30*	
10 22 43 00-0010	SF	>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	83.69	3.39
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*8.09*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	126.23	7.19
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*11.51*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	118.27	5.47
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*11.21*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	113.33	4.60
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*10.95*	

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	6.99	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.21*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	7.56	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.24*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	10.71	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.40*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	14.65	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.60*	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	13.95	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0011		Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)* Note: Includes closure caps.		
10 26 13 00-0012		Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	13.40	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.46*	
		For Recycled Vinyl Retainer, Deduct	*-1.28*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	15.15	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.55*	
		For Recycled Vinyl Retainer, Deduct	*-1.63*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	16.90	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.64*	
		For Recycled Vinyl Retainer, Deduct	*-1.98*	
10 26 13 00-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	20.18	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.80*	
		For Recycled Vinyl Retainer, Deduct	*-2.64*	
10 26 13 00-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)* Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	28.81	5.59
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 200, Deduct	*-3.26*	
		For >200, Deduct	*-5.17*	
		For Recycled Vinyl Retainer, Deduct	*-3.90*	
10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	18.44	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.71*	
		For Up To 2 HR Fire Rated, Add	*8.02*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	22.60	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.92*	
		For Up To 2 HR Fire Rated, Add	*10.93*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	20.81	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-3.83*	
		For Up To 2 HR Fire Rated, Add	*9.68*	
10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	24.37	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-4.01*	
		For Up To 2 HR Fire Rated, Add	*12.17*	
10 26 13 00-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)* Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	52.42	5.59
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 200, Deduct	*-3.26*	
		For >200, Deduct	*-6.35*	
		For Up To 2 HR Fire Rated, Add	*30.17*	
10 26 13 00-0030		Flexible Vinyl Corner Guards *(10 26 13 00-0001)* Note: Includes adhesive for installation.		
10 26 13 00-0031		Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*		
10 26 13 00-0032		90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*		
10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	10.07	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.37*	
		For Bolting To Concrete Or Masonry, Add	*2.21*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	13.19	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.52*	
		For Bolting To Concrete Or Masonry, Add	*2.68*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	15.73	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.65*	
		For Bolting To Concrete Or Masonry, Add	*3.06*	
10 26 13 00-0036		Polycarbonate Corner Guards *(10 26 13)*		
10 26 13 00-0037		Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*		
10 26 13 00-0038		90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	6.29	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.18*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	7.82	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.26*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	9.61	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.34*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	10.69	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.40*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	10.29	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.38*	
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	10.69	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.40*	
10 26 13 00-0046		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	9.40	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.33*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	11.47	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.44*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	12.74	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.50*	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	9.40	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.33*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	11.47	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.44*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	12.74	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.50*	

10 26 13 00-0056 Steel Corner Guards *(10 26 13)*

10 26 13 00-0057 Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*

10 26 13 00-0058 Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*

10 26 13 00-0059 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*

10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.29	3.36
		For Galvanizing, Add	*2.35*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 200, Deduct	*-1.96*	
		For >200, Deduct	*-2.85*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	15.83	3.64
		For Galvanizing, Add	*3.42*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 200, Deduct	*-2.12*	
		For >200, Deduct	*-3.22*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.86	3.77
		For Galvanizing, Add	*3.70*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 200, Deduct	*-2.20*	
		For >200, Deduct	*-3.36*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.23	3.91
		For Galvanizing, Add	*3.75*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.47*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	21.72	4.05
		For Galvanizing, Add	*5.24*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 200, Deduct	*-2.36*	
		For >200, Deduct	*-3.79*	
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	26.23	4.19
		For Galvanizing, Add	*6.74*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-4.10*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	45.24	5.59
		For Galvanizing, Add	*12.57*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 200, Deduct	*-3.26*	
		For >200, Deduct	*-5.99*	

10 26 13 00-0067 Stainless Steel Corner Guards *(10 26 13)*

10 26 13 00-0068 Stainless Steel Corner Guards *(10 26 13 00-0067)*

Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.

10 26 13 00-0069 Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*

10 26 13 00-0070 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	10.57	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.39*	
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	12.39	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.48*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	17.13	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.72*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	17.13	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.72*	

10 26 13 00-0075 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	17.13	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.72*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	17.13	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.72*	
10 26 13 00-0078		Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079		Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080		90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		
10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	21.06	3.36
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 200, Deduct	*-1.96*	
		For >200, Deduct	*-3.29*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	35.38	3.64
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 200, Deduct	*-2.12*	
		For >200, Deduct	*-4.19*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	49.71	3.77
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 200, Deduct	*-2.20*	
		For >200, Deduct	*-5.00*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	46.33	3.91
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-4.92*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	66.52	4.05
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 200, Deduct	*-2.36*	
		For >200, Deduct	*-6.03*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	61.36	4.19
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 200, Deduct	*-2.44*	
		For >200, Deduct	*-5.86*	
10 26 13 00-0087		Rubber Corner Guards *(10 26 13)*		
		Note: Includes adhesive for installation.		
10 26 13 00-0088		Natural Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0089		Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090		90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	51.48	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-4.44*	
		For Bolting To Concrete Or Masonry, Add	*8.42*	
10 26 13 00-0092		Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093		Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094		90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	22.65	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-3.00*	
		For Bolting To Concrete Or Masonry, Add	*4.10*	
10 26 13 00-0096		Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0097		Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*		
10 26 13 00-0098		90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*		
10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	19.76	2.79
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 200, Deduct	*-1.63*	
		For >200, Deduct	*-2.85*	
		For Bolting To Concrete Or Masonry, Add	*3.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 26 16 Bumper Guards *(10 26)*

10 26 16 13 Bumper Rails *(10 26 16)*

10 26 16 13-0001 Crash Rails *(10 26 16 13)*
Note: Includes end caps.

10 26 16 13-0002 Polycarbonate Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	11.28	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-3.55*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	12.63	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-3.62*	

10 26 16 13-0005 Aluminum Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	36.20	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-4.79*	

10 26 16 13-0007 Stainless Steel Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	64.93	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-6.23*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	50.56	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-5.51*	

10 26 16 13-0010 Wall Guards *(10 26 16 13)*

10 26 16 13-0011 Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)*
Note: Includes end caps.

10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	11.92	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.20*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	14.62	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-3.72*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	15.96	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-3.78*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	16.69	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-3.82*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	20.14	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-4.18*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	20.25	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-4.18*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	20.90	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-4.21*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	25.40	4.19
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-4.62*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	16.51	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	24.70	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-4.22*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	37.13	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-4.84*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	52.79	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-5.62*	
10 26 16 13-0026		Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	39.75	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-5.16*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	50.48	4.19
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-5.88*	
10 26 16 13-0029		Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	66.37	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-6.30*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	70.68	3.73
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.61*	
		For >200, Deduct	*-6.52*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	31.64	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-4.19*	
10 26 16 13-0033		U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	55.69	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-5.95*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	62.52	3.96
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-6.29*	
10 26 16 13-0036		Accent Rails *(10 26 16 13)*		
		Note: Includes end caps.		
10 26 16 13-0037		Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*		
10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	14.26	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.32*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	14.29	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.32*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	20.91	3.27
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.28*	
		For >200, Deduct	*-3.65*	
10 26 16 16		**Protective Corridor Handrails** *(10 26 16)*		
10 26 16 16-0001		Protective Corridor Handrails *(10 26 16 16)*		
10 26 16 16-0002		Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*		
10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	26.19	6.98
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-6.90*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	22.70	6.98
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-6.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	36.66	6.98
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-7.43*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	29.68	6.98
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-7.08*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	38.41	6.98
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-7.51*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	41.90	6.98
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-7.69*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	50.62	6.98
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-8.12*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	55.86	6.98
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-8.39*	
10 26 16 16-0011		Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*		
10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	68.07	6.98
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-9.00*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	69.82	6.98
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 100, Deduct	*-4.89*	
		For >100, Deduct	*-9.08*	
10 26 16 16-0014		Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*		
		Note: Includes end caps.		
10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	29.18	5.19
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.63*	
		For >200, Deduct	*-5.61*	
		For Maple, Add	*0.56*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	35.22	5.53
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 200, Deduct	*-3.87*	
		For >200, Deduct	*-6.19*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	25.16	5.19
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.63*	
		For >200, Deduct	*-5.41*	
		For Maple, Add	*6.36*	
		For Oak, Add	*7.10*	
10 26 23		**Protective Wall Covering** *(10 26)*		
10 26 23 13		**Impact Resistant Wall Protection** *(10 26 23)*		
10 26 23 13-0001		Impact Resistant Wall Protection *(10 26 23 13)*		
		Note: Includes standard trim.		
10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	7.52	2.33
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	7.87	2.33
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	9.89	2.33
10 26 23 13-0005		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)*		
		Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006		"L" Design *(10 26 23 13-0005)*		
10 26 23 13-0007		L-Shield *(10 26 23 13-0006)*		
10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	14.83	2.33
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	16.94	3.27
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	22.28	4.19
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	30.83	5.12
10 26 23 13-0012		"Combo" Hanger *(10 26 23 13-0006)*		
10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	15.53	4.66
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	17.88	5.60
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	20.61	6.52
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	22.85	7.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	25.58	8.39
10 26 23 13-0018		**Snap-2 Pipe Hanger** *(10 26 23 13-0006)*		
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	12.55	4.66
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	15.27	5.60
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	17.76	6.52
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	20.74	7.46
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	23.85	8.39
10 26 23 13-0024		**Coupling** *(10 26 23 13-0006)*		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	8.50	2.33
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	12.35	3.27
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	17.94	4.19
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	22.53	5.12
10 26 23 13-0029		**Coupling, Reducer** *(10 26 23 13-0006)*		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	25.44	2.79
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	31.32	3.27
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	37.22	3.73
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	149.20	4.66
10 26 23 13-0034		**Shield Clips** *(10 26 23 13-0006)*		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	5.15	1.40
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	7.64	2.33
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	9.99	3.27
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	11.12	4.19
10 26 23 13-0039		**Wall Flange** *(10 26 23 13-0006)*		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	8.26	2.33
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	11.85	3.27
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	17.44	4.19
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	76.79	5.12
10 26 23 13-0044		**End Cap** *(10 26 23 13-0006)*		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	8.87	1.40
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	11.60	2.33
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	16.07	3.27
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	78.57	4.19
10 26 23 13-0049		**Inside/Outside Corner** *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	56.82	4.66
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	61.03	5.60
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	73.63	6.99
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	130.24	8.39
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	11.59	1.40
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	18.05	2.33
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	22.39	3.27
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	28.60	3.27
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	13.17	4.66
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	15.64	5.60
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	18.01	6.52
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	22.47	7.46
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	25.46	8.39
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	12.31	4.66
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	15.02	5.60
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	18.38	6.52
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	20.49	7.46
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	23.72	8.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	10.24	2.33
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	12.72	3.27
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	15.46	4.19
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	30.40	2.79
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	36.28	3.27
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	38.46	3.73
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	4.65	1.40
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	6.77	2.33
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	8.88	3.27
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	9.87	2.33
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	12.60	3.27
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	15.33	4.19
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	9.49	1.40
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	12.60	2.33
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	15.57	3.27
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	71.83	4.66
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	79.75	5.60
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	94.22	6.99
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	70.46	4.66
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	77.27	5.60
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	91.86	6.99
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	88.76	6.99
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	98.50	8.39
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	114.87	10.25
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	117.53	7.93
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	126.34	9.79
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	161.86	9.33
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	181.09	11.18
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	219.92	13.99
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	222.88	10.25
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	244.65	12.58
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	27.23	2.33
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	30.58	3.27
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	38.03	4.19
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	30.77	2.79
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	38.21	3.73
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	156.27	4.66
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	95.39	4.66
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	103.19	5.60
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	120.88	6.99
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	149.13	5.12
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	104.99	5.12
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	157.14	6.52
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	121.30	6.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	189.01	7.46
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	108.73	6.99
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	125.65	8.39
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	146.00	10.25
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	114.68	7.93
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	161.40	8.85
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	127.46	9.79
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	174.58	11.66
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	10.06	3.73
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	12.55	4.66
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	14.65	5.60
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	16.89	6.52
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	19.00	7.46
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	21.37	7.46
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	23.48	9.33
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	29.93	10.25
10 26 23 13-0148		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	10.19	3.73
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	12.68	4.66
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	14.78	5.60
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	17.02	6.52
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	19.13	7.46
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	21.62	8.39
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	23.72	9.33
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	30.31	10.25
10 26 23 13-0157		**Shield Extension (L Or U)** *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	14.20	1.40
10 26 23 13-0159		**Interior Steel Soffit System** *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	26.41	4.19
		For 22 Gauge Steel, Add	*1.80*	
		For 20 Gauge Steel, Add	*3.86*	
		For 18 Gauge Steel, Add	*7.57*	
		For 16 Gauge Steel, Add	*11.62*	
		For Stainless Steel, Add	*4.51*	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	39.72	11.66
		For Stainless Steel, Add	*4.11*	
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	105.52	13.99
		For Stainless Steel, Add	*19.16*	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	31.50	6.99
		For Stainless Steel, Add	*4.38*	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	6.30	2.79
		For Stainless Steel, Add	*0.18*	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	30.24	4.19
		For 22 Gauge Steel, Add	*1.64*	
		For 20 Gauge Steel, Add	*3.50*	
		For 18 Gauge Steel, Add	*6.77*	
		For 16 Gauge Steel, Add	*11.36*	
		For Stainless Steel, Add	*5.46*	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	39.72	11.66
		For Stainless Steel, Add	*4.11*	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	105.52	13.99
		For Stainless Steel, Add	*19.16*	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	27.76	5.12
		For Stainless Steel, Add	*4.38*	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	6.30	2.79
		For Stainless Steel, Add	*0.18*	

10 26 41 Bullet Resistant Panels *(10 26)*

10 26 41 00-0001		**Laminated Bullet Resistant Fiberglass Panel** *(10 26 41)*		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	19.55	1.31
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	27.03	1.41
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	30.62	1.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	32.57	1.60
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	35.30	1.69
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	38.02	1.78
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	65.05	2.16
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	93.54	3.38
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	111.41	4.05
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	134.19	4.41
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	152.86	4.70

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	102.42	20.96
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	110.05	20.96
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	111.18	20.96
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	113.37	20.96
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	173.66	20.96
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	186.10	20.96
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	206.58	20.96
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	218.27	9.32
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	362.79	20.96
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	432.34	20.96
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	464.29	20.96
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	260.59	20.96
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	140.10	11.65

10 28 13 13-0018 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	76.41	20.96
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	164.05	20.96
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	162.87	20.96
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	137.67	20.96

10 28 13 13-0023 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	84.05	20.96

10 28 13 13-0025 Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0026 Plastic Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	76.13	20.96
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	189.80	20.96
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	65.05	20.96
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	78.06	20.96

10 28 13 13-0031 Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	68.22	20.96
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	68.78	20.96
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	72.74	20.96
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	80.09	20.96
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	107.22	20.96

10 28 13 13-0037 Stainless Steel Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0038	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	57.19	20.96
10 28 13 13-0039	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	173.96	20.96
10 28 13 13-0040	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	98.89	20.96
10 28 13 13-0041	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	93.94	20.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0042	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	102.56	20.96
10 28 13 13-0043	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	136.79	23.29
10 28 13 13-0044	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	102.56	20.96
10 28 13 13-0045	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	136.79	20.96
10 28 13 13-0046	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	147.79	20.96
10 28 13 13-0047	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	234.11	20.96
10 28 13 13-0048	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	234.11	20.96
10 28 13 13-0049	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	94.12	20.96
10 28 13 13-0050	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	111.46	20.96
10 28 13 13-0051	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	67.64	20.96
10 28 13 13-0052	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	120.23	20.96
10 28 13 13-0053	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	170.55	20.96
10 28 13 13-0054	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	180.45	20.96
10 28 13 13-0055	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	228.80	20.96
10 28 13 13-0056	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	212.32	20.96
10 28 13 13-0057	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	329.26	20.96
10 28 13 13-0058	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	139.46	20.96
10 28 13 13-0059	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	128.40	20.96
10 28 13 13-0060	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	102.17	20.96
10 28 13 13-0061		**Soap or Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0062	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	92.53	20.96
		For 34 Fluid Ounce (B-822), Add	*4.35*	
10 28 13 13-0063	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	101.01	20.96
		For 34 Fluid Ounce (B-822), Add	*4.35*	
10 28 13 13-0064	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	60.30	20.96
10 28 13 13-0065	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	66.23	20.96
10 28 13 13-0066	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	79.90	20.96
10 28 13 13-0067	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	82.35	20.96
10 28 13 13-0068	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	94.22	20.96
10 28 13 13-0069	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	121.08	20.96
10 28 13 13-0070	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	209.85	20.96
10 28 13 13-0071	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	340.17	20.96
10 28 13 13-0072	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	207.39	20.96
10 28 13 13-0073		**Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0074		**Manual Sanitizer Dispensers** *(10 28 13 13-0073)*		
10 28 13 13-0075	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	69.14	20.96
10 28 13 13-0076	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	70.35	20.96
10 28 13 13-0077	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	69.97	20.96
10 28 13 13-0078		**Automatic Sanitizer Dispensers** *(10 28 13 13-0073)*		
10 28 13 13-0079	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	63.98	20.96
10 28 13 13-0080	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	86.59	20.96
10 28 13 13-0081	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	80.95	20.96
10 28 13 13-0082	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	87.86	20.96
10 28 13 13-0083	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	102.83	20.96
10 28 13 13-0084	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	103.54	20.96
10 28 13 13-0085		**Automatic Floor Stand Sanitizer Dispensers** *(10 28 13 13-0073)*		
10 28 13 13-0086	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	570.49	6.98
10 28 13 13-0087	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	613.78	6.98
10 28 13 13-0088	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	637.98	6.98
10 28 13 13-0089		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0090	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	107.80	20.96
10 28 13 13-0091	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	72.10	20.96
10 28 13 13-0092		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0093	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	59.16	20.96
10 28 13 13-0094	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	81.50	20.96
10 28 13 13-0095	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	151.90	20.96
10 28 13 13-0096	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	158.12	20.96
10 28 13 13-0097	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	321.80	20.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0098		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0099	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	521.24	20.96
10 28 13 13-0100	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	312.11	20.96
10 28 13 13-0101		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0102	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	645.51	20.96
10 28 13 13-0103	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	488.88	20.96
10 28 13 13-0104	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	654.13	20.96
10 28 13 13-0105	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	491.14	20.96
10 28 13 13-0106	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	430.57	20.96
10 28 13 13-0107	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	516.28	20.96
10 28 13 13-0108		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0109	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	442.70	46.59
10 28 13 13-0110	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	496.59	46.59
10 28 13 13-0111	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	408.45	46.59
10 28 13 13-0112	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	583.11	46.59
10 28 13 13-0113	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	599.78	46.59
10 28 13 13-0114	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	692.80	46.59
10 28 13 13-0115	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	648.31	46.59
10 28 13 13-0116		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0117		**Wall Mounted Waste Receptacles** *(10 28 13 13-0116)*		
10 28 13 13-0118	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	94.19	20.96
10 28 13 13-0119	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	162.07	20.96
10 28 13 13-0120	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	375.32	46.59
10 28 13 13-0121	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	566.43	46.59
10 28 13 13-0122	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	444.58	46.59
10 28 13 13-0123		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0116)*		
10 28 13 13-0124	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	112.74	20.96
10 28 13 13-0125	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	165.18	20.96
10 28 13 13-0126	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	326.85	9.32
10 28 13 13-0127	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	497.05	9.32
10 28 13 13-0128	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	465.33	9.32
10 28 13 13-0129	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	447.29	9.32
10 28 13 13-0130		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0116)*		
10 28 13 13-0131	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	307.47	46.59
10 28 13 13-0132	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	506.21	46.59
10 28 13 13-0133	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	498.30	46.59
10 28 13 13-0134	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	733.09	46.59
10 28 13 13-0135	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,016.56	46.59
10 28 13 13-0136	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	856.21	46.59
10 28 13 13-0137	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	655.51	46.59
10 28 13 13-0138	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,073.89	46.59
10 28 13 13-0139	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	989.64	51.25
10 28 13 13-0140	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	658.30	51.25
10 28 13 13-0141		**Sanitary Napkin/Tampon Receptacles** *(10 28 13 13-0116)*		
10 28 13 13-0142	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	85.32	23.29
10 28 13 13-0143	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	178.57	23.29
10 28 13 13-0144	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	195.01	23.29
10 28 13 13-0145	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	466.98	23.29
10 28 13 13-0146	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	243.63	23.29
10 28 13 13-0147	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	433.34	23.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0148		Grab Bars *(10 28 13 13-0001)*		
10 28 13 13-0149		1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0148)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0150	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	87.56	18.63
		For Peened Grip, Add	*4.95*	
10 28 13 13-0151	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	101.61	18.63
		For Peened Grip, Add	*6.21*	
10 28 13 13-0152	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	103.02	18.63
		For Peened Grip, Add	*6.34*	
10 28 13 13-0153	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	103.68	18.63
		For Peened Grip, Add	*6.40*	
10 28 13 13-0154	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	103.86	18.63
		For Peened Grip, Add	*6.41*	
10 28 13 13-0155	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	107.26	18.63
		For Peened Grip, Add	*6.72*	
10 28 13 13-0156	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	112.62	18.63
		For Peened Grip, Add	*7.20*	
10 28 13 13-0157		1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0148)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0158	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	173.84	18.63
		For Peened Grip, Add	*12.29*	
10 28 13 13-0159	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	177.50	18.63
		For Peened Grip, Add	*12.62*	
10 28 13 13-0160		1-1/2" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0148)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0161	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	100.43	18.63
		For Peened Grip, Add	*6.10*	
10 28 13 13-0162	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	101.61	18.63
		For Peened Grip, Add	*6.21*	
10 28 13 13-0163	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	103.86	18.63
		For Peened Grip, Add	*6.41*	
10 28 13 13-0164	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	106.13	18.63
		For Peened Grip, Add	*6.62*	
10 28 13 13-0165	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	108.95	18.63
		For Peened Grip, Add	*6.87*	
10 28 13 13-0166	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	111.50	18.63
		For Peened Grip, Add	*7.10*	
10 28 13 13-0167	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	117.72	18.63
		For Peened Grip, Add	*7.66*	
10 28 13 13-0168		1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0148)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0169	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	158.56	18.63
		For Peened Grip, Add	*10.92*	
10 28 13 13-0170	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	170.73	18.63
		For Peened Grip, Add	*12.01*	
10 28 13 13-0171	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	147.82	18.63
		For Peened Grip, Add	*9.95*	
10 28 13 13-0172		1-1/4" Diameter, Stainless Steel Swing Up Grab Bars *(10 28 13 13-0148)*		
		Note: Includes satin finish and mounting for swing up.		
10 28 13 13-0173	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	474.78	18.63
		For Peened Grip, Add	*39.80*	
10 28 13 13-0174		Shelves *(10 28 13 13-0001)*		
10 28 13 13-0175	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	114.57	20.96
10 28 13 13-0176	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	117.97	20.96
10 28 13 13-0177	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	133.52	20.96
10 28 13 13-0178	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	137.43	20.96
10 28 13 13-0179	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	131.27	20.96
10 28 13 13-0180	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	133.11	20.96
10 28 13 13-0181	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	142.28	20.96
10 28 13 13-0182	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	155.56	20.96
10 28 13 13-0183	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	183.64	20.96
10 28 13 13-0184	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	142.56	20.96
10 28 13 13-0185	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	145.39	20.96
10 28 13 13-0186	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	410.92	20.96
10 28 13 13-0187	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	443.17	20.96
10 28 13 13-0188	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	492.92	20.96
10 28 13 13-0189	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	628.31	20.96
10 28 13 13-0190	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	874.95	20.96
10 28 13 13-0191	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	317.85	20.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0192		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0193	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	437.81	27.96
10 28 13 13-0194	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	465.11	27.96
10 28 13 13-0195	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	380.58	27.96
10 28 13 13-0196	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,909.27	27.96
10 28 13 13-0197	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,245.81	27.96
10 28 13 13-0198	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,909.27	27.96
10 28 13 13-0199	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,245.81	27.96
10 28 13 13-0200		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0201	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	544.89	37.27
10 28 13 13-0202	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	723.00	37.27
10 28 13 13-0203	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	1,862.44	37.27
10 28 13 13-0204	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,453.97	
10 28 13 13-0205		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0206	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	54.16	20.96
10 28 13 13-0207	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	56.13	20.96
10 28 13 13-0208	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	103.55	20.96
10 28 13 13-0209	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	113.45	20.96
10 28 13 13-0210		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0211	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.74	0.93
10 28 13 13-0212	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	47.19	9.32
10 28 13 13-0213	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	49.60	9.32
10 28 13 13-0214	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	81.78	20.96
10 28 13 13-0215	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	88.01	20.96
10 28 13 13-0216	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	95.64	20.96
10 28 13 13-0217	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	104.97	20.96
10 28 13 13-0218	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	71.04	20.96
10 28 13 13-0219	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	78.39	20.96
10 28 13 13-0220	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	82.63	20.96
10 28 13 13-0221	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	88.01	20.96
10 28 13 13-0222	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	74.15	20.96
10 28 13 13-0223	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	80.37	20.96
10 28 13 13-0224	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	87.71	20.96
10 28 13 13-0225	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	92.81	20.96
10 28 13 13-0226		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0227	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	528.05	28.89
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	569.59	28.89
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	632.36	28.89
10 28 13 13-0230	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	900.31	28.89
10 28 13 13-0231	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	1,308.23	28.89
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,475.50	28.89
10 28 13 13-0233	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	2,097.56	28.89
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	2,183.98	28.89
10 28 13 13-0235	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,276.16	28.89
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,697.46	28.89
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,625.16	28.89
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	2,733.69	28.89
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,200.09	28.89
10 28 13 13-0240	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,267.27	28.89
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,305.66	28.89
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,344.04	28.89
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,420.82	28.89
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	969.76	28.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)	1,036.94	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)	1,075.33	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	1,113.72	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)	1,190.49	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	969.76	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	1,036.94	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	1,075.33	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)	1,113.72	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0253	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)	1,190.49	28.89
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	701.05	28.89
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	768.22	28.89
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	806.61	28.89
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	845.00	28.89
10 28 13 13-0258	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	921.78	28.89
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	701.05	28.89
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	768.22	28.89
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	806.61	28.89
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	845.00	28.89
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	921.78	28.89
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	509.11	28.89
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	576.28	28.89
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	653.06	28.89

10 28 13 13-0267 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	996.01	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,402.95	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,168.81	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,461.49	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0272	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,256.61	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,549.29	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,256.61	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,549.29	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,168.81	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,461.49	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,051.74	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,344.42	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	996.01	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,402.95	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,168.81	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,461.49	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,256.61	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0285	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,549.29	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0286	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,256.61	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0287	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,549.29	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0288	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,168.81	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0289	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,461.49	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0290	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,051.74	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0291	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,344.42	28.89
		For ADA-Compliant Recess Kit, Add	*169.33*	
10 28 13 13-0292		Additional Accessories *(10 28 13 13-0001)*		
10 28 13 13-0293		Hooks *(10 28 13 13-0292)*		
10 28 13 13-0294	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	27.96	9.32
10 28 13 13-0295	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	34.18	9.32
10 28 13 13-0296	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	28.52	9.32
10 28 13 13-0297	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	31.30	9.32
10 28 13 13-0298	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	54.53	9.32
10 28 13 13-0299	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	48.87	9.32
10 28 13 13-0300		Clotheslines *(10 28 13 13-0292)*		
10 28 13 13-0301	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	48.87	18.63
10 28 13 13-0302		Towel Bars *(10 28 13 13-0292)*		
10 28 13 13-0303	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	59.86	20.96
10 28 13 13-0304	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	60.08	20.96
10 28 13 13-0305	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	68.37	20.96
10 28 13 13-0306	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	69.16	20.96
10 28 13 13-0307	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	105.53	20.96
10 28 13 13-0308	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	110.33	20.96
10 28 13 13-0309	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	109.21	20.96
10 28 13 13-0310	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	113.16	20.96
10 28 13 13-0311	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	120.24	20.96
10 28 13 13-0312	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	124.44	20.96
10 28 13 13-0313	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	89.42	20.96
10 28 13 13-0314	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	93.09	20.96
10 28 13 13-0315		Towel Bar With Shelf *(10 28 13 13-0292)*		
10 28 13 13-0316	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	212.96	20.96
10 28 13 13-0317		Towel Pins *(10 28 13 13-0292)*		
10 28 13 13-0318	EA	Stainless Steel Towel Pin (Bobrick B-677)	52.56	9.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0319		Mirrors *(10 28 13 13)*		
10 28 13 13-0320		Stainless Steel Channel Frame Glass Mirrors *(10 28 13 13-0319)*		
10 28 13 13-0321	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	100.66	23.29
10 28 13 13-0322	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	114.94	23.29
10 28 13 13-0323	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	119.88	23.29
		For Tempered Glass (B-1658), Add	*41.52*	
10 28 13 13-0324	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	130.02	23.29
		For Tempered Glass (B-1658), Add	*48.62*	
10 28 13 13-0325	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	143.03	23.29
10 28 13 13-0326	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	148.50	23.29
		For Tempered Glass (B-1658), Add	*61.56*	
10 28 13 13-0327	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	184.40	23.29
10 28 13 13-0328	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	213.80	23.29
10 28 13 13-0329	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	258.74	23.29
10 28 13 13-0330	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	326.98	23.29
10 28 13 13-0331	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	368.44	23.29
10 28 13 13-0332		Stainless Steel Channel Frame Glass Mirror/Shelf Combination *(10 28 13 13-0319)*		
10 28 13 13-0333	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	191.16	23.29
10 28 13 13-0334	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	206.51	23.29
10 28 13 13-0335	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	216.66	23.29
10 28 13 13-0336	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	245.28	23.29
10 28 13 13-0337		Stainless Steel Angle Frame Glass Mirrors *(10 28 13 13-0319)*		
10 28 13 13-0338	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	169.54	23.29
10 28 13 13-0339	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	186.48	23.29
		For Tempered Glass (B-2908), Add	*83.11*	
10 28 13 13-0340	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	192.20	23.29
		For Tempered Glass (B-2908), Add	*86.88*	
10 28 13 13-0341	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	226.03	23.29
10 28 13 13-0342	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	227.33	23.29
		For Tempered Glass (B-2908), Add	*110.07*	
10 28 13 13-0343	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	305.64	23.29
10 28 13 13-0344	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	360.27	23.29
10 28 13 13-0345	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	411.27	23.29
10 28 13 13-0346	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	272.39	23.29
10 28 13 13-0347	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	333.19	23.29
10 28 13 13-0348	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	513.02	23.29
10 28 13 13-0349		Stainless Steel Angle Frame Glass Mirror/Shelf Combination *(10 28 13 13-0319)*		
10 28 13 13-0350	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	175.47	23.29
10 28 13 13-0351	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	351.17	23.29
10 28 13 13-0352	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	368.35	23.29
10 28 13 13-0353	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	411.27	23.29
10 28 13 13-0354		Frameless Stainless Steel Mirrors *(10 28 13 13-0319)*		
10 28 13 13-0355	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	190.65	23.29
10 28 13 13-0356	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	248.13	23.29
10 28 13 13-0357		Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors *(10 28 13 13-0319)*		
10 28 13 13-0358	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	261.15	23.29
10 28 13 13-0359	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	272.34	23.29
10 28 13 13-0360	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	330.88	23.29
10 28 13 13-0361	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	408.15	23.29
10 28 13 13-0362		Medicine Cabinets *(10 28 13 13)*		
10 28 13 13-0363		Metal Medicine Cabinets *(10 28 13 13-0362)*		
10 28 13 13-0364	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	733.11	46.59
10 28 13 13-0365	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	236.09	46.59
10 28 13 13-0366	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	244.14	46.59
10 28 13 13-0367	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	550.88	46.59
10 28 13 13-0368	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	761.50	46.59
10 28 13 13-0369		Janitorial Material *(10 28 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0370	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	48.87	9.32
10 28 13 13-0371	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	128.43	20.96
10 28 13 13-0372	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	123.35	20.96
10 28 13 13-0373	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	141.25	20.96
10 28 13 13-0374	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	158.96	20.96
10 28 13 13-0375	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	103.47	20.96
10 28 13 13-0376	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	302.01	20.96
10 28 13 13-0377	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	438.57	20.96

10 28 13 13-0378 Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)*

10 28 13 13-0379	EA	Removal And Reinstallation Of Bathroom Accessory	29.12	

10 28 13 63 Detention Toilet Accessories *(10 28 13)*

10 28 13 63-0001 Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)*

10 28 13 63-0002	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180)	180.98	18.63
10 28 13 63-0003	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240)	189.36	18.63
10 28 13 63-0004	EA	36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360)	194.94	18.63
10 28 13 63-0005	EA	42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420)	216.32	18.63
10 28 13 63-0006	EA	60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600)	443.30	18.63

10 28 16 Bath Accessories *(10 28)*

10 28 16 13 Residential Bath Accessories *(10 28 16)*

10 28 16 13-0001 Residential Toilet Accessories *(10 28 16 13)*

10 28 16 13-0002 Residential Shower Curtain Rod *(10 28 16 13-0001)*
Note: Includes end brackets. See CSI section 10 28 13 13-0210 for shower curtain rods.

10 28 16 13-0003 Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0004	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	109.75	20.96
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish	166.42	20.96
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	177.94	20.96
10 28 16 13-0007	EA	Recessed Mounted, Chrome Plated Tumbler Holder	114.63	20.96

10 28 16 13-0008 Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Soap Dish	73.99	13.98
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Single Clothes Hook	86.84	13.98
10 28 16 13-0011	EA	Surface Mounted, Chrome Plated Double Clothes Hook	86.84	13.98
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	187.01	13.98
10 28 16 13-0013	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	154.68	13.98
10 28 16 13-0014	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	94.83	18.63
10 28 16 13-0015	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	96.27	18.63
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Towel Ring	70.83	13.98
10 28 16 13-0017	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	64.66	9.32
10 28 16 13-0018	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	73.99	13.98
10 28 16 13-0019	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	160.13	13.98
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	91.28	13.98
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Pin	97.10	9.32
10 28 16 13-0022	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	311.56	13.98
10 28 16 13-0023	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	148.37	13.98
10 28 16 13-0024	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	74.58	13.98

10 28 16 13-0025 Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)*
Note: Surface or recessed mounted, premium quality.

10 28 16 13-0026	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	701.84	46.59
10 28 16 13-0027	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	843.35	46.59
10 28 16 13-0028	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	749.35	46.59
10 28 16 13-0029	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	908.16	46.59
10 28 16 13-0030	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	779.32	46.59
10 28 16 13-0031	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	965.10	46.59
10 28 16 13-0032	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	820.46	46.59
10 28 16 13-0033	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	1,034.68	46.59

10 28 16 13-0034 Residential Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0035	EA	Surface Mounted Plastic Paper Towel Dispenser	96.69	20.96
10 28 16 13-0036	EA	Surface Mounted Plastic Napkin Disposal	84.60	20.96
10 28 16 13-0037	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	88.87	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0038	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	101.67	20.96
10 28 16 13-0039	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	96.73	20.96
10 28 16 13-0040	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	118.54	25.62
10 28 16 13-0041	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	64.33	18.63
10 28 16 13-0042	EA	13 Gallon Plastic Waste Door For Countertops	233.48	34.94

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	472.71	52.54
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	496.80	26.27
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	596.70	26.27
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	494.23	26.27
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	528.35	26.27

10 28 19 16-0008 Frameless, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	729.68	26.27
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	763.07	26.27
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	794.50	26.27
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	827.89	26.27
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	860.30	26.27

10 28 19 16-0014 Sliding Shower Doors *(10 28 19 16)*

10 28 19 16-0015 Framed, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	795.79	26.27
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	728.21	26.27
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	746.42	26.27
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	765.77	26.27
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	776.57	26.27
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	792.56	26.27

10 28 19 16-0022 Frameless, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	825.38	26.27
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	1,009.20	26.27
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,071.07	26.27
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	966.12	26.27
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	979.66	26.27
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,105.57	26.27

10 28 19 19 Tub Doors *(10 28 19)*

10 28 19 19-0001 Sliding Bathtub Doors *(10 28 19 19)*

10 28 19 19-0002 Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	707.90	26.27
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	715.68	26.27
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	733.29	26.27

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)		1,568.60	30.28
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
		For Dual Locks, Add		*60.00*	
		For Back Key Hook Panel, Add		*58.47*	
		For Swing Key Hook Panel, Add		*157.47*	
		For Non-Locking Weather Housing, Add		*395.40*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)		1,664.21	30.28
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
		For Dual Locks, Add		*60.00*	
		For Back Key Hook Panel, Add		*58.47*	
		For Swing Key Hook Panel, Add		*157.47*	
		For Second Swing Key Hook Panel, Add		*124.47*	
		For Non-Locking Weather Housing, Add		*395.40*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)		775.02	30.28
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)		679.41	30.28
		For Lift-Off Door, Deduct		*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add		*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
		For Recess Mount, Add		*57.34*	
		For Cast-In-Place Concrete Recess Mounting, Add		*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)		913.66	30.28
		For Aluminum Or Dark Bronze Finish, Add		*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
		For Recess Mount, Add		*57.34*	
		For Dual Locks, Add		*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add		*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)		973.41	30.28
		For Aluminum Or Dark Bronze Finish, Add		*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add		*40.00*	
		For Recess Mount, Add		*57.34*	
		For Dual Locks, Add		*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add		*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	330.40	38.21
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	336.95	38.21
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	338.25	38.21
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	378.81	38.21
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	484.78	38.21
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	499.18	38.21

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	325.61	38.21
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	331.24	38.21
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	340.64	38.21
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	356.60	38.21
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	406.02	38.21
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	421.05	38.21

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	440.70	38.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	452.04	38.21
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	457.71	38.21
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	496.46	38.21
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	574.53	38.21
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	598.15	38.21
10 44 13 00-0024		Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	897.53	38.21
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	903.71	38.21
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,029.78	38.21
10 44 13 00-0028		Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	415.44	38.21
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	465.16	38.21
10 44 13 00-0031		Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0032		Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	365.73	38.21
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	378.81	38.21
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	380.12	38.21
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	424.60	38.21
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	513.57	38.21
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	527.96	38.21
10 44 13 00-0039		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	367.51	38.21
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	381.60	38.21
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	390.05	38.21
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	406.02	38.21
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	461.44	38.21
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	474.59	38.21
10 44 13 00-0046		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	490.42	38.21
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	503.65	38.21
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	509.32	38.21
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	538.62	38.21
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	611.38	38.21
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	627.45	38.21
10 44 13 00-0053		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,117.58	38.21
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,122.76	38.21
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,279.35	38.21
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	462.54	38.21
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	509.64	38.21
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0061		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	355.26	38.21
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	363.11	38.21
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	425.91	38.21
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	503.10	38.21
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	524.03	38.21
10 44 13 00-0067		Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	456.74	38.21
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	468.95	38.21
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	496.19	38.21
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	549.73	38.21
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	572.27	38.21
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	572.64	38.21
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	590.59	38.21
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	635.01	38.21
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	721.00	38.21
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	747.46	38.21
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,274.46	38.21
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,429.85	38.21
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	433.76	38.21
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	491.33	38.21
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	692.81	38.21
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	33.34	11.65
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	29.82	11.65
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	27.68	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	91.79	23.29
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	213.94	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	235.33	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	320.91	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	438.58	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	513.46	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	124.09	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	128.36	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	171.15	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	310.21	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	314.49	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	109.79	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	115.28	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	155.53	
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	274.47	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	278.13	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	567.44	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	576.79	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	584.60	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	592.40	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	601.75	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	626.69	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	634.49	144.96
		For Solid Steel Door, Deduct	*-8.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0116		Aluminum Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)* Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	617.82	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	633.23	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	635.23	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	641.64	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	650.05	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	673.87	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	697.69	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0124		Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)* Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	751.55	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	823.64	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	830.57	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	852.75	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	859.68	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	895.73	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	931.77	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0132		Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*		
10 44 13 00-0133		Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)* Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	592.40	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	601.75	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	609.54	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	618.89	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	626.69	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	651.63	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	660.99	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0141		Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)* Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	633.23	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	650.05	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	652.45	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	657.05	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	665.46	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	689.28	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	713.11	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0149		Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)* Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	794.53	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	873.55	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	880.48	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	902.66	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	909.59	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	945.63	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	981.68	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	601.75	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	609.54	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	618.89	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	626.69	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	634.49	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	660.99	144.96
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	668.79	144.96
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	673.87	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	689.28	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	693.29	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	697.69	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	704.70	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	729.92	144.96
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	745.34	144.96
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	852.75	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,082.87	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,141.10	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,154.96	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,168.82	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,227.05	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,299.13	144.96
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	135.88	12.11
		For >5 To 10, Deduct	*-3.69*	
		For >10, Deduct	*-7.38*	
		For Placement In Cabinet, Deduct	*-31.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	193.59	13.98
		For >5 To 10, Deduct	*-6.10*	
		For >10, Deduct	*-12.19*	
		For Placement In Cabinet, Deduct	*-35.84*	
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	251.78	17.71
		For >5 To 10, Deduct	*-7.93*	
		For >10, Deduct	*-15.86*	
		For Placement In Cabinet, Deduct	*-46.59*	
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	310.46	22.36
		For >5 To 10, Deduct	*-9.70*	
		For >10, Deduct	*-19.40*	
		For Placement In Cabinet, Deduct	*-58.24*	
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	342.16	22.36
		For >5 To 10, Deduct	*-11.28*	
		For >10, Deduct	*-22.57*	
		For Placement In Cabinet, Deduct	*-58.24*	
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,050.77	35.40
		For >5 To 10, Deduct	*-43.22*	
		For >10, Deduct	*-86.44*	
10 44 16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	2,014.25	35.40
		For >5 To 10, Deduct	*-91.40*	
		For >10, Deduct	*-182.79*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher	90.25	12.11
		For >5 To 10, Deduct	*-1.41*	
		For >10, Deduct	*-2.81*	
		For Placement In Cabinet, Deduct	*-31.06*	
10 44 16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher	111.57	13.98
		For >5 To 10, Deduct	*-1.99*	
		For >10, Deduct	*-3.99*	
		For Placement In Cabinet, Deduct	*-35.84*	
10 44 16 13-0012	EA	10 LB Dry Chemical, Type ABC Portable Fire Extinguisher	156.67	17.71
		For >5 To 10, Deduct	*-3.18*	
		For >10, Deduct	*-6.35*	
		For Placement In Cabinet, Deduct	*-46.59*	
10 44 16 13-0013	EA	20 LB Dry Chemical, Type ABC Portable Fire Extinguisher	216.41	22.36
		For >5 To 10, Deduct	*-5.00*	
		For >10, Deduct	*-9.99*	
		For Placement In Cabinet, Deduct	*-58.24*	
10 44 16 13-0014	EA	50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,250.07	35.40
		For >5 To 10, Deduct	*-53.19*	
		For >10, Deduct	*-106.37*	
10 44 16 13-0015	EA	125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,832.64	35.40
		For >5 To 10, Deduct	*-82.31*	
		For >10, Deduct	*-164.63*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	153.49	13.98
		For >5 To 10, Deduct	*-4.09*	
		For >10, Deduct	*-8.18*	
		For Placement In Cabinet, Deduct	*-35.84*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	234.55	22.36
		For >5 To 10, Deduct	*-5.90*	
		For >10, Deduct	*-11.81*	
		For Placement In Cabinet, Deduct	*-58.24*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	247.41	22.36
		For >5 To 10, Deduct	*-6.55*	
		For >10, Deduct	*-13.09*	
		For Placement In Cabinet, Deduct	*-58.24*	
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	336.27	22.36
		For >5 To 10, Deduct	*-10.99*	
		For >10, Deduct	*-21.98*	

10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	122.52	15.98
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	141.01	

10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	5.90
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	8.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 44 19 Fire Blankets *(10 44)*

10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	440.67	38.21
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	316.38	38.21

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*
Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*
Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	269.79	28.88
		For >25 To 50, Deduct	*-10.60*	
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-33.54*	
		For 14 Gauge Doors, Add	*16.96*	
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	281.02	28.88
		For >25 To 50, Deduct	*-11.16*	
		For >50 To 100, Deduct	*-23.19*	
		For >100, Deduct	*-35.22*	
		For 14 Gauge Doors, Add	*17.86*	
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	296.38	28.88
		For >25 To 50, Deduct	*-11.93*	
		For >50 To 100, Deduct	*-24.73*	
		For >100, Deduct	*-37.52*	
		For 14 Gauge Doors, Add	*19.09*	
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	294.96	29.81
		For >25 To 50, Deduct	*-11.77*	
		For >50 To 100, Deduct	*-24.43*	
		For >100, Deduct	*-37.09*	
		For 14 Gauge Doors, Add	*18.83*	
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	304.27	29.81
		For >25 To 50, Deduct	*-12.23*	
		For >50 To 100, Deduct	*-25.36*	
		For >100, Deduct	*-38.48*	
		For 14 Gauge Doors, Add	*19.57*	
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	313.35	29.81
		For >25 To 50, Deduct	*-12.69*	
		For >50 To 100, Deduct	*-26.27*	
		For >100, Deduct	*-39.85*	
		For 14 Gauge Doors, Add	*20.30*	
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	329.03	29.81
		For >25 To 50, Deduct	*-13.47*	
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-42.20*	
		For 14 Gauge Doors, Add	*21.55*	
10 51 13 00-0010	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	344.54	29.81
		For >25 To 50, Deduct	*-14.25*	
		For >50 To 100, Deduct	*-29.39*	
		For >100, Deduct	*-44.53*	
		For 14 Gauge Doors, Add	*22.79*	
10 51 13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	360.97	29.81
		For >25 To 50, Deduct	*-15.07*	
		For >50 To 100, Deduct	*-31.03*	
		For >100, Deduct	*-46.99*	
		For 14 Gauge Doors, Add	*24.11*	
10 51 13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	376.14	29.81
		For >25 To 50, Deduct	*-15.83*	
		For >50 To 100, Deduct	*-32.55*	
		For >100, Deduct	*-49.27*	
		For 14 Gauge Doors, Add	*25.32*	
10 51 13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	514.75	29.81
		For >25 To 50, Deduct	*-22.76*	
		For >50 To 100, Deduct	*-46.41*	
		For >100, Deduct	*-70.06*	
		For 14 Gauge Doors, Add	*36.41*	

10 51 13 00-0014 Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*
Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	321.18	29.81
		For >25 To 50, Deduct	*-13.08*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-41.02*	
		For 14 Gauge Doors, Add	*28.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	328.26	29.81
		For >25 To 50, Deduct	*-13.43*	
		For >50 To 100, Deduct	*-27.76*	
		For >100, Deduct	*-42.08*	
		For 14 Gauge Doors, Add	*29.55*	
10 51 13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	335.39	29.81
		For >25 To 50, Deduct	*-13.79*	
		For >50 To 100, Deduct	*-28.47*	
		For >100, Deduct	*-43.15*	
		For 14 Gauge Doors, Add	*30.33*	
10 51 13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	336.04	30.75
		For >25 To 50, Deduct	*-13.73*	
		For >50 To 100, Deduct	*-28.38*	
		For >100, Deduct	*-43.03*	
		For 14 Gauge Doors, Add	*30.20*	
10 51 13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	351.52	30.75
		For >25 To 50, Deduct	*-14.50*	
		For >50 To 100, Deduct	*-29.92*	
		For >100, Deduct	*-45.35*	
		For 14 Gauge Doors, Add	*31.90*	
10 51 13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	360.86	30.75
		For >25 To 50, Deduct	*-14.97*	
		For >50 To 100, Deduct	*-30.86*	
		For >100, Deduct	*-46.75*	
		For 14 Gauge Doors, Add	*32.93*	
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	374.24	30.75
		For >25 To 50, Deduct	*-15.64*	
		For >50 To 100, Deduct	*-32.20*	
		For >100, Deduct	*-48.76*	
		For 14 Gauge Doors, Add	*34.40*	
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	387.69	30.75
		For >25 To 50, Deduct	*-16.31*	
		For >50 To 100, Deduct	*-33.54*	
		For >100, Deduct	*-50.77*	
		For 14 Gauge Doors, Add	*35.88*	
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	448.52	30.75
		For >25 To 50, Deduct	*-19.35*	
		For >50 To 100, Deduct	*-39.62*	
		For >100, Deduct	*-59.90*	
		For 14 Gauge Doors, Add	*42.57*	
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	459.57	30.75
		For >25 To 50, Deduct	*-19.90*	
		For >50 To 100, Deduct	*-40.73*	
		For >100, Deduct	*-61.56*	
		For 14 Gauge Doors, Add	*43.79*	

10 51 13 00-0025 Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	378.98	31.68
		For >25 To 50, Deduct	*-15.78*	
		For >50 To 100, Deduct	*-32.51*	
		For >100, Deduct	*-49.24*	
		For 14 Gauge Doors, Add	*47.34*	
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	386.25	31.68
		For >25 To 50, Deduct	*-16.14*	
		For >50 To 100, Deduct	*-33.24*	
		For >100, Deduct	*-50.33*	
		For 14 Gauge Doors, Add	*48.43*	
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	412.07	31.68
		For >25 To 50, Deduct	*-17.44*	
		For >50 To 100, Deduct	*-35.82*	
		For >100, Deduct	*-54.21*	
		For 14 Gauge Doors, Add	*52.31*	
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	436.81	31.68
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-38.30*	
		For >100, Deduct	*-57.92*	
		For 14 Gauge Doors, Add	*56.02*	
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	456.50	31.68
		For >25 To 50, Deduct	*-19.66*	
		For >50 To 100, Deduct	*-40.26*	
		For >100, Deduct	*-60.87*	
		For 14 Gauge Doors, Add	*58.97*	

10 51 13 00-0031 Four Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	371.14	32.61
		For >25 To 50, Deduct	*-15.30*	
		For >50 To 100, Deduct	*-31.57*	
		For >100, Deduct	*-47.84*	
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	383.81	32.61
		For >25 To 50, Deduct	*-15.93*	
		For >50 To 100, Deduct	*-32.84*	
		For >100, Deduct	*-49.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	404.22	32.61
		For >25 To 50, Deduct	*-16.95*	
		For >50 To 100, Deduct	*-34.88*	
		For >100, Deduct	*-52.81*	
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	420.54	32.61
		For >25 To 50, Deduct	*-17.77*	
		For >50 To 100, Deduct	*-36.51*	
		For >100, Deduct	*-55.25*	
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	444.05	32.61
		For >25 To 50, Deduct	*-18.94*	
		For >50 To 100, Deduct	*-38.86*	
		For >100, Deduct	*-58.78*	
10 51 13 00-0037		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	404.90	33.54
		For >25 To 50, Deduct	*-16.89*	
		For >50 To 100, Deduct	*-34.79*	
		For >100, Deduct	*-52.68*	
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	414.67	33.54
		For >25 To 50, Deduct	*-17.38*	
		For >50 To 100, Deduct	*-35.76*	
		For >100, Deduct	*-54.15*	
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	433.14	33.54
		For >25 To 50, Deduct	*-18.30*	
		For >50 To 100, Deduct	*-37.61*	
		For >100, Deduct	*-56.92*	
10 51 13 00-0041		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	771.73	22.36
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,227.76	46.59
10 51 13 00-0044		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0045		**Single Tier Athletic Locker** *(10 51 13 00-0044)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0046	EA	12" x 15" x 60" Single Tier Athletic Locker	412.47	29.81
		For >25 To 50, Deduct	*-17.64*	
		For >50 To 100, Deduct	*-36.18*	
		For >100, Deduct	*-54.71*	
10 51 13 00-0047	EA	12" x 18" x 60" Single Tier Athletic Locker	427.37	29.81
		For >25 To 50, Deduct	*-18.39*	
		For >50 To 100, Deduct	*-37.67*	
		For >100, Deduct	*-56.95*	
10 51 13 00-0048	EA	15" x 15" x 60" Single Tier Athletic Locker	436.95	29.81
		For >25 To 50, Deduct	*-18.87*	
		For >50 To 100, Deduct	*-38.63*	
		For >100, Deduct	*-58.39*	
10 51 13 00-0049	EA	15" x 18" x 60" Single Tier Athletic Locker	452.86	29.81
		For >25 To 50, Deduct	*-19.66*	
		For >50 To 100, Deduct	*-40.22*	
		For >100, Deduct	*-60.77*	
10 51 13 00-0050	EA	18" x 18" x 60" Single Tier Athletic Locker	521.48	29.81
		For >25 To 50, Deduct	*-23.09*	
		For >50 To 100, Deduct	*-47.08*	
		For >100, Deduct	*-71.07*	
10 51 13 00-0051	EA	18" x 21" x 60" Single Tier Athletic Locker	576.04	29.81
		For >25 To 50, Deduct	*-25.82*	
		For >50 To 100, Deduct	*-52.54*	
		For >100, Deduct	*-79.25*	
10 51 13 00-0052	EA	18" x 24" x 60" Single Tier Athletic Locker	613.36	29.81
		For >25 To 50, Deduct	*-27.69*	
		For >50 To 100, Deduct	*-56.27*	
		For >100, Deduct	*-84.85*	
10 51 13 00-0053	EA	12" x 15" x 72" Single Tier Athletic Locker	429.01	29.81
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-37.83*	
		For >100, Deduct	*-57.20*	
10 51 13 00-0054	EA	12" x 18" x 72" Single Tier Athletic Locker	455.85	29.81
		For >25 To 50, Deduct	*-19.81*	
		For >50 To 100, Deduct	*-40.52*	
		For >100, Deduct	*-61.22*	
10 51 13 00-0055	EA	15" x 15" x 72" Single Tier Athletic Locker	465.28	29.81
		For >25 To 50, Deduct	*-20.28*	
		For >50 To 100, Deduct	*-41.46*	
		For >100, Deduct	*-62.64*	
10 51 13 00-0056	EA	15" x 18" x 72" Single Tier Athletic Locker	482.51	29.81
		For >25 To 50, Deduct	*-21.14*	
		For >50 To 100, Deduct	*-43.18*	
		For >100, Deduct	*-65.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0057	EA	18" x 18" x 72" Single Tier Athletic Locker	525.00	29.81
		For >25 To 50, Deduct	*-23.27*	
		For >50 To 100, Deduct	*-47.43*	
		For >100, Deduct	*-71.59*	
10 51 13 00-0058	EA	18" x 21" x 72" Single Tier Athletic Locker	569.52	29.81
		For >25 To 50, Deduct	*-25.49*	
		For >50 To 100, Deduct	*-51.88*	
		For >100, Deduct	*-78.27*	

10 51 13 00-0059 Two Tier Athletic Locker *(10 51 13 00-0044)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0060	EA	12" x 12" x 60" Two Tier Athletic Locker	464.10	30.75
		For >25 To 50, Deduct	*-20.13*	
		For >50 To 100, Deduct	*-41.18*	
		For >100, Deduct	*-62.24*	
10 51 13 00-0061	EA	12" x 15" x 60" Two Tier Athletic Locker	479.96	30.75
		For >25 To 50, Deduct	*-20.92*	
		For >50 To 100, Deduct	*-42.77*	
		For >100, Deduct	*-64.61*	
10 51 13 00-0062	EA	12" x 18" x 60" Two Tier Athletic Locker	497.82	30.75
		For >25 To 50, Deduct	*-21.82*	
		For >50 To 100, Deduct	*-44.55*	
		For >100, Deduct	*-67.29*	
10 51 13 00-0063	EA	15" x 15" x 60" Two Tier Athletic Locker	499.55	30.75
		For >25 To 50, Deduct	*-21.90*	
		For >50 To 100, Deduct	*-44.73*	
		For >100, Deduct	*-67.55*	
10 51 13 00-0064	EA	15" x 18" x 60" Two Tier Athletic Locker	503.27	30.75
		For >25 To 50, Deduct	*-22.09*	
		For >50 To 100, Deduct	*-45.10*	
		For >100, Deduct	*-68.11*	
10 51 13 00-0065	EA	18" x 18" x 60" Two Tier Athletic Locker	534.64	30.75
		For >25 To 50, Deduct	*-23.66*	
		For >50 To 100, Deduct	*-48.24*	
		For >100, Deduct	*-72.82*	
10 51 13 00-0066	EA	18" x 21" x 60" Two Tier Athletic Locker	557.62	30.75
		For >25 To 50, Deduct	*-24.81*	
		For >50 To 100, Deduct	*-50.53*	
		For >100, Deduct	*-76.26*	
10 51 13 00-0067	EA	18" x 24" x 60" Two Tier Athletic Locker	660.24	30.75
		For >25 To 50, Deduct	*-29.94*	
		For >50 To 100, Deduct	*-60.80*	
		For >100, Deduct	*-91.66*	
10 51 13 00-0068	EA	12" x 12" x 72" Two Tier Athletic Locker	481.27	30.75
		For >25 To 50, Deduct	*-20.99*	
		For >50 To 100, Deduct	*-42.90*	
		For >100, Deduct	*-64.81*	
10 51 13 00-0069	EA	12" x 15" x 72" Two Tier Athletic Locker	497.52	30.75
		For >25 To 50, Deduct	*-21.80*	
		For >50 To 100, Deduct	*-44.52*	
		For >100, Deduct	*-67.25*	
10 51 13 00-0070	EA	12" x 18" x 72" Two Tier Athletic Locker	519.66	30.75
		For >25 To 50, Deduct	*-22.91*	
		For >50 To 100, Deduct	*-46.74*	
		For >100, Deduct	*-70.57*	
10 51 13 00-0071	EA	15" x 15" x 72" Two Tier Athletic Locker	523.02	30.75
		For >25 To 50, Deduct	*-23.08*	
		For >50 To 100, Deduct	*-47.07*	
		For >100, Deduct	*-71.07*	
10 51 13 00-0072	EA	15" x 18" x 72" Two Tier Athletic Locker	541.22	30.75
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-48.89*	
		For >100, Deduct	*-73.80*	
10 51 13 00-0073	EA	18" x 18" x 72" Two Tier Athletic Locker	563.58	30.75
		For >25 To 50, Deduct	*-25.10*	
		For >50 To 100, Deduct	*-51.13*	
		For >100, Deduct	*-77.16*	
10 51 13 00-0074	EA	18" x 21" x 72" Two Tier Athletic Locker	613.75	30.75
		For >25 To 50, Deduct	*-27.61*	
		For >50 To 100, Deduct	*-56.15*	
		For >100, Deduct	*-84.68*	

10 51 13 00-0075 Three Tier Athletic Locker *(10 51 13 00-0044)*

Note: Includes one double hook per tier.

10 51 13 00-0076	EA	12" x 12" x 60" Three Tier Athletic Locker	504.16	31.68
		For >25 To 50, Deduct	*-22.04*	
		For >50 To 100, Deduct	*-45.03*	
		For >100, Deduct	*-68.02*	
10 51 13 00-0077	EA	12" x 15" x 60" Three Tier Athletic Locker	529.87	31.68
		For >25 To 50, Deduct	*-23.33*	
		For >50 To 100, Deduct	*-47.60*	
		For >100, Deduct	*-71.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0078	EA	12" x 18" x 60" Three Tier Athletic Locker	552.59	31.68
		For >25 To 50, Deduct	*-24.46*	
		For >50 To 100, Deduct	*-49.87*	
		For >100, Deduct	*-75.29*	
10 51 13 00-0079	EA	15" x 15" x 60" Three Tier Athletic Locker	568.03	31.68
		For >25 To 50, Deduct	*-25.23*	
		For >50 To 100, Deduct	*-51.42*	
		For >100, Deduct	*-77.60*	
10 51 13 00-0080	EA	15" x 18" x 60" Three Tier Athletic Locker	593.73	31.68
		For >25 To 50, Deduct	*-26.52*	
		For >50 To 100, Deduct	*-53.99*	
		For >100, Deduct	*-81.46*	
10 51 13 00-0081	EA	12" x 12" x 72" Three Tier Athletic Locker	533.45	31.68
		For >25 To 50, Deduct	*-23.50*	
		For >50 To 100, Deduct	*-47.96*	
		For >100, Deduct	*-72.41*	
10 51 13 00-0082	EA	12" x 15" x 72" Three Tier Athletic Locker	556.66	31.68
		For >25 To 50, Deduct	*-24.67*	
		For >50 To 100, Deduct	*-50.28*	
		For >100, Deduct	*-75.90*	
10 51 13 00-0083	EA	12" x 18" x 72" Three Tier Athletic Locker	588.70	31.68
		For >25 To 50, Deduct	*-26.27*	
		For >50 To 100, Deduct	*-53.48*	
		For >100, Deduct	*-80.70*	
10 51 13 00-0084	EA	15" x 15" x 72" Three Tier Athletic Locker	605.09	31.68
		For >25 To 50, Deduct	*-27.09*	
		For >50 To 100, Deduct	*-55.12*	
		For >100, Deduct	*-83.16*	
10 51 13 00-0085	EA	15" x 18" x 72" Three Tier Athletic Locker	629.69	31.68
		For >25 To 50, Deduct	*-28.32*	
		For >50 To 100, Deduct	*-57.58*	
		For >100, Deduct	*-86.85*	

10 51 13 00-0086 Four Tier Athletic Locker *(10 51 13 00-0044)*

10 51 13 00-0087	EA	12" x 12" x 60" Four Tier Athletic Locker	462.18	32.61
		For >25 To 50, Deduct	*-19.85*	
		For >50 To 100, Deduct	*-40.67*	
		For >100, Deduct	*-61.50*	
10 51 13 00-0088	EA	12" x 15" x 60" Four Tier Athletic Locker	493.67	32.61
		For >25 To 50, Deduct	*-21.42*	
		For >50 To 100, Deduct	*-43.82*	
		For >100, Deduct	*-66.22*	
10 51 13 00-0089	EA	12" x 18" x 60" Four Tier Athletic Locker	525.15	32.61
		For >25 To 50, Deduct	*-23.00*	
		For >50 To 100, Deduct	*-46.97*	
		For >100, Deduct	*-70.94*	
10 51 13 00-0090	EA	15" x 15" x 60" Four Tier Athletic Locker	538.02	32.61
		For >25 To 50, Deduct	*-23.64*	
		For >50 To 100, Deduct	*-48.26*	
		For >100, Deduct	*-72.88*	
10 51 13 00-0091	EA	15" x 18" x 60" Four Tier Athletic Locker	589.73	32.61
		For >25 To 50, Deduct	*-26.23*	
		For >50 To 100, Deduct	*-53.43*	
		For >100, Deduct	*-80.63*	
10 51 13 00-0092	EA	12" x 12" x 72" Four Tier Athletic Locker	494.22	32.61
		For >25 To 50, Deduct	*-21.45*	
		For >50 To 100, Deduct	*-43.88*	
		For >100, Deduct	*-66.31*	
10 51 13 00-0093	EA	12" x 15" x 72" Four Tier Athletic Locker	526.15	32.61
		For >25 To 50, Deduct	*-23.05*	
		For >50 To 100, Deduct	*-47.07*	
		For >100, Deduct	*-71.09*	
10 51 13 00-0094	EA	12" x 18" x 72" Four Tier Athletic Locker	558.08	32.61
		For >25 To 50, Deduct	*-24.64*	
		For >50 To 100, Deduct	*-50.26*	
		For >100, Deduct	*-75.88*	
10 51 13 00-0095	EA	15" x 15" x 72" Four Tier Athletic Locker	574.44	32.61
		For >25 To 50, Deduct	*-25.46*	
		For >50 To 100, Deduct	*-51.90*	
		For >100, Deduct	*-78.34*	
10 51 13 00-0096	EA	15" x 18" x 72" Four Tier Athletic Locker	586.71	32.61
		For >25 To 50, Deduct	*-26.07*	
		For >50 To 100, Deduct	*-53.13*	
		For >100, Deduct	*-80.18*	

10 51 13 00-0097 Six Tier Athletic Locker *(10 51 13 00-0044)*

10 51 13 00-0098	EA	12" x 12" x 72" Six Tier Athletic Locker	549.79	33.54
		For >25 To 50, Deduct	*-24.14*	
		For >50 To 100, Deduct	*-49.28*	
		For >100, Deduct	*-74.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0099	EA	12" x 15" x 72" Six Tier Athletic Locker	574.32	33.54
		For >25 To 50, Deduct	*-25.36*	
		For >50 To 100, Deduct	*-51.73*	
		For >100, Deduct	*-78.10*	
10 51 13 00-0100	EA	12" x 18" x 72" Six Tier Athletic Locker	598.81	33.54
		For >25 To 50, Deduct	*-26.59*	
		For >50 To 100, Deduct	*-54.18*	
		For >100, Deduct	*-81.77*	
10 51 13 00-0101	EA	12" x 21" x 72" Six Tier Athletic Locker	688.18	33.54
		For >25 To 50, Deduct	*-31.05*	
		For >50 To 100, Deduct	*-63.12*	
		For >100, Deduct	*-95.18*	
10 51 13 00-0102		Metal Locker Accessories *(10 51 13)*		
10 51 13 00-0103		Locker Slope Tops *(10 51 13 00-0102)*		
10 51 13 00-0104		16 Gauge Continuous Sloping Hood *(10 51 13 00-0103)*		
10 51 13 00-0105	LF	12" Deep, 16 Gauge Continuous Slope Top	33.62	3.73
10 51 13 00-0106	LF	15" Deep, 16 Gauge Continuous Slope Top	28.03	3.73
10 51 13 00-0107	LF	18" Deep, 16 Gauge Continuous Slope Top	39.34	3.73
10 51 13 00-0108	LF	21" Deep, 16 Gauge Continuous Slope Top	43.68	3.73
10 51 13 00-0109	LF	24" Deep, 16 Gauge Continuous Slope Top	45.72	3.73
10 51 13 00-0110		16 Gauge Slope Top Corner Fillers *(10 51 13 00-0103)*		
10 51 13 00-0111	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	145.78	3.73
10 51 13 00-0112	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	148.95	3.73
10 51 13 00-0113	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	152.10	3.73
10 51 13 00-0114	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	155.93	3.73
10 51 13 00-0115	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	159.71	3.73
10 51 13 00-0116		20 Gauge Individual Slope Top *(10 51 13 00-0103)*		
10 51 13 00-0117	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	28.58	3.73
10 51 13 00-0118	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	28.38	3.73
10 51 13 00-0119	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	31.82	3.73
10 51 13 00-0120	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	31.82	3.73
10 51 13 00-0121	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	32.63	3.73
10 51 13 00-0122	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	35.89	3.73
10 51 13 00-0123	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	35.89	3.73
10 51 13 00-0124	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	40.16	3.73
10 51 13 00-0125	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	45.25	3.73
10 51 13 00-0126		Continuous Slope Top End Closures *(10 51 13 00-0103)*		
10 51 13 00-0127	PR	12" Deep, Continuous Slope Top End Closures	30.61	3.73
10 51 13 00-0128	PR	15" Deep, Continuous Slope Top End Closures	25.70	3.73
10 51 13 00-0129	PR	18" Deep, Continuous Slope Top End Closures	34.66	3.73
10 51 13 00-0130	PR	21" Deep, Continuous Slope Top End Closures	36.70	3.73
10 51 13 00-0131	PR	24" Deep, Continuous Slope Top End Closures	38.09	3.73
10 51 13 00-0132		Individual Slope Top End Closures *(10 51 13 00-0103)*		
10 51 13 00-0133	EA	12" Deep, Individual Slope Top End Closures	19.03	3.73
10 51 13 00-0134	EA	15" Deep, Individual Slope Top End Closures	19.67	3.73
10 51 13 00-0135	EA	18" Deep, Individual Slope Top End Closures	21.08	3.73
10 51 13 00-0136	EA	21" Deep, Individual Slope Top End Closures	22.06	3.73
10 51 13 00-0137	EA	24" Deep, Individual Slope Top End Closures	32.08	3.73
10 51 13 00-0138		Locker Base *(10 51 13 00-0102)*		
10 51 13 00-0139		Closed Front Base *(10 51 13 00-0138)*		
10 51 13 00-0140	EA	12" Wide, 6" High Closed Front Base	20.12	3.73
10 51 13 00-0141	EA	15" Wide, 6" High Closed Front Base	21.18	3.73
10 51 13 00-0142	EA	18" Wide, 6" High Closed Front Base	23.39	3.73
10 51 13 00-0143	EA	24" Wide, 6" High Closed Front Base	24.45	3.73
10 51 13 00-0144		Closed End Base *(10 51 13 00-0138)*		
10 51 13 00-0145	EA	12" Deep, 6" High Closed End Base	23.06	3.73
10 51 13 00-0146	EA	15" Deep, 6" High Closed End Base	23.25	3.73
10 51 13 00-0147	EA	18" Deep, 6" High Closed End Base	24.68	3.73
10 51 13 00-0148	EA	21" Deep, 6" High Closed End Base	26.09	3.73
10 51 13 00-0149	EA	24" Deep, 6" High Closed End Base	28.01	3.73
10 51 13 00-0150		Recessed Continuous Front "Z" Base *(10 51 13 00-0138)*		
10 51 13 00-0151	LF	4" High Recessed Continuous Front "Z" Base	24.85	2.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0152		**"Z" Base Ends Or Splice** *(10 51 13 00-0138)*		
10 51 13 00-0153	EA	12" Wide, 4" High Z-Base Ends Or Splice	24.21	3.73
10 51 13 00-0154	EA	15" Wide, 4" High Z-Base Ends Or Splice	28.38	3.73
10 51 13 00-0155	EA	18" Wide, 4" High Z-Base Ends Or Splice	32.63	3.73
10 51 13 00-0156	EA	21" Wide, 4" High Z-Base Ends Or Splice	37.11	3.73
10 51 13 00-0157	EA	24" Wide, 4" High Z-Base Ends Or Splice	41.57	3.73
10 51 13 00-0158		**Locker Front Fillers And End Panels** *(10 51 13 00-0102)*		
10 51 13 00-0159		**Locker Front Fillers** *(10 51 13 00-0158)*		
10 51 13 00-0160	EA	6" Wide x 48" High, 16 Gauge Front Filler	31.65	4.66
10 51 13 00-0161	EA	12" Wide x 48" High, 16 Gauge Front Filler	52.96	4.66
10 51 13 00-0162	EA	6" Wide x 60" High, 16 Gauge Front Filler	40.40	4.66
10 51 13 00-0163	EA	12" Wide x 60" High, 16 Gauge Front Filler	63.88	4.66
10 51 13 00-0164	EA	6" Wide x 66" High, 16 Gauge Front Filler	44.23	4.66
10 51 13 00-0165	EA	12" Wide x 66" High, 16 Gauge Front Filler	50.04	4.66
10 51 13 00-0166	EA	6" Wide x 72" High, 16 Gauge Front Filler	48.67	4.66
10 51 13 00-0167	EA	12" Wide x 72" High, 16 Gauge Front Filler	70.22	4.66
10 51 13 00-0168	EA	6" Wide x 78" High, 16 Gauge Front Filler	49.89	4.66
10 51 13 00-0169	EA	12" Wide x 78" High, 16 Gauge Front Filler	58.60	4.66
10 51 13 00-0170		**Locker End Panels** *(10 51 13 00-0158)*		
10 51 13 00-0171	EA	12" Deep x 48" High, 16 Gauge End Panel	54.45	3.73
10 51 13 00-0172	EA	15" Deep x 48" High, 16 Gauge End Panel	66.99	3.73
10 51 13 00-0173	EA	18" Deep x 48" High, 16 Gauge End Panel	79.06	3.73
10 51 13 00-0174	EA	12" Deep x 60" High, 16 Gauge End Panel	64.72	3.73
10 51 13 00-0175	EA	15" Deep x 60" High, 16 Gauge End Panel	73.72	3.73
10 51 13 00-0176	EA	18" Deep x 60" High, 16 Gauge End Panel	87.87	3.73
10 51 13 00-0177	EA	12" Deep x 72" High, 16 Gauge End Panel	76.68	3.73
10 51 13 00-0178	EA	15" Deep x 72" High, 16 Gauge End Panel	87.62	3.73
10 51 13 00-0179	EA	18" Deep x 72" High, 16 Gauge End Panel	102.18	3.73
10 51 13 00-0180	EA	21" Deep x 72" High, 16 Gauge End Panel	117.99	3.73
10 51 13 00-0181		**Locker Recessed Trim** *(10 51 13 00-0102)*		
10 51 13 00-0182	LF	3" Height, Top Trim For Recessed Lockers	10.54	1.86
10 51 13 00-0183	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	29.96	3.73
10 51 13 00-0184	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	46.83	3.73
10 51 13 00-0185	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	48.61	3.73
10 51 13 00-0186	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	50.38	3.73
10 51 13 00-0187	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	51.94	3.73
10 51 13 00-0188		**Locker Interior Accessories** *(10 51 13 00-0102)*		
10 51 13 00-0189		**Locker Coat Rods** *(10 51 13 00-0188)*		
10 51 13 00-0190	EA	12" Wide Coat Rod	15.12	3.73
10 51 13 00-0191	EA	15" Wide Coat Rod	16.77	3.73
10 51 13 00-0192	EA	18" Wide Coat Rod	18.24	3.73
10 51 13 00-0193	EA	24" Wide Coat Rod	19.54	3.73
10 51 13 00-0194		**Locker Hat Shelf** *(10 51 13 00-0188)*		
10 51 13 00-0195	EA	12" Wide Hat Shelf	18.61	3.73
10 51 13 00-0196	EA	15" Wide Hat Shelf	22.18	3.73
10 51 13 00-0197	EA	18" Wide Hat Shelf	23.70	3.73
10 51 13 00-0198	EA	24" Wide Hat Shelf	29.67	3.73
10 51 13 00-0199		**Locker ADA Compliant Shelf** *(10 51 13 00-0188)*		
10 51 13 00-0200	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	38.32	4.66
10 51 13 00-0201		**Other Interior Locker Accessories** *(10 51 13 00-0188)*		
10 51 13 00-0202	EA	3" x 10" Bent Plate Shoe Rack	52.08	3.73
10 51 13 00-0203	EA	8" x 10" Mirror	40.92	3.73
10 51 13 00-0204	EA	Additional Hook	10.25	3.73
10 51 13 00-0205		**Locker Locks** *(10 51 13 00-0102)*		
10 51 13 00-0206	EA	Built In Combination Lock	45.09	3.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0207		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0208	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,170.05	69.88
10 51 13 00-0209	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,849.29	69.88
10 51 13 00-0210		**All-Welded Steel Lockers** *(10 51 13)*		
10 51 13 00-0211		**All-Welded Steel Lockers** *(10 51 13 00-0210)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0212		**Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0211)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0213	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	158.75	16.31
		For >25 To 50, Deduct	*-6.77*	
		For >50 To 100, Deduct	*-13.90*	
		For >100, Deduct	*-21.02*	
10 51 13 00-0214	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	166.74	16.31
		For >25 To 50, Deduct	*-7.17*	
		For >50 To 100, Deduct	*-14.69*	
		For >100, Deduct	*-22.22*	
10 51 13 00-0215	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	174.44	16.31
		For >25 To 50, Deduct	*-7.56*	
		For >50 To 100, Deduct	*-15.46*	
		For >100, Deduct	*-23.37*	
10 51 13 00-0216	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	165.35	16.31
		For >25 To 50, Deduct	*-7.10*	
		For >50 To 100, Deduct	*-14.56*	
		For >100, Deduct	*-22.01*	
10 51 13 00-0217	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	173.05	16.31
		For >25 To 50, Deduct	*-7.49*	
		For >50 To 100, Deduct	*-15.33*	
		For >100, Deduct	*-23.16*	
10 51 13 00-0218	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	180.74	16.31
		For >25 To 50, Deduct	*-7.87*	
		For >50 To 100, Deduct	*-16.09*	
		For >100, Deduct	*-24.32*	
10 51 13 00-0219	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	174.80	17.94
		For >25 To 50, Deduct	*-7.46*	
		For >50 To 100, Deduct	*-15.30*	
		For >100, Deduct	*-23.15*	
10 51 13 00-0220	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	181.92	17.94
		For >25 To 50, Deduct	*-7.82*	
		For >50 To 100, Deduct	*-16.01*	
		For >100, Deduct	*-24.21*	
10 51 13 00-0221	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	189.62	17.94
		For >25 To 50, Deduct	*-8.20*	
		For >50 To 100, Deduct	*-16.78*	
		For >100, Deduct	*-25.37*	
10 51 13 00-0222	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	196.82	17.94
		For >25 To 50, Deduct	*-8.56*	
		For >50 To 100, Deduct	*-17.50*	
		For >100, Deduct	*-26.45*	
10 51 13 00-0223	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	202.75	17.94
		For >25 To 50, Deduct	*-8.86*	
		For >50 To 100, Deduct	*-18.10*	
		For >100, Deduct	*-27.34*	
10 51 13 00-0224	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	210.93	17.94
		For >25 To 50, Deduct	*-9.27*	
		For >50 To 100, Deduct	*-18.92*	
		For >100, Deduct	*-28.57*	
10 51 13 00-0225	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	220.13	17.94
		For >25 To 50, Deduct	*-9.73*	
		For >50 To 100, Deduct	*-19.84*	
		For >100, Deduct	*-29.95*	
10 51 13 00-0226	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	358.75	17.94
		For >25 To 50, Deduct	*-16.66*	
		For >50 To 100, Deduct	*-33.70*	
		For >100, Deduct	*-50.74*	
10 51 13 00-0227		**Two Tier, All-Welded Steel Lockers** *(10 51 13 00-0211)* Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0228	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	190.30	16.31
		For >25 To 50, Deduct	*-8.35*	
		For >50 To 100, Deduct	*-17.05*	
		For >100, Deduct	*-25.75*	
10 51 13 00-0229	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	193.83	16.31
		For >25 To 50, Deduct	*-8.53*	
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-26.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0230	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	203.32	16.31
		For >25 To 50, Deduct	*-9.00*	
		For >50 To 100, Deduct	*-18.35*	
		For >100, Deduct	*-27.70*	
10 51 13 00-0231	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	198.52	17.94
		For >25 To 50, Deduct	*-8.65*	
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-26.70*	
10 51 13 00-0232	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	211.60	17.94
		For >25 To 50, Deduct	*-9.30*	
		For >50 To 100, Deduct	*-18.98*	
		For >100, Deduct	*-28.67*	
10 51 13 00-0233	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	218.72	17.94
		For >25 To 50, Deduct	*-9.66*	
		For >50 To 100, Deduct	*-19.69*	
		For >100, Deduct	*-29.73*	
10 51 13 00-0234	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	228.87	17.94
		For >25 To 50, Deduct	*-10.16*	
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-31.26*	
10 51 13 00-0235	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	233.65	17.94
		For >25 To 50, Deduct	*-10.40*	
		For >50 To 100, Deduct	*-21.19*	
		For >100, Deduct	*-31.97*	
10 51 13 00-0236	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	247.43	17.94
		For >25 To 50, Deduct	*-11.09*	
		For >50 To 100, Deduct	*-22.57*	
		For >100, Deduct	*-34.04*	
10 51 13 00-0237	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	258.10	17.94
		For >25 To 50, Deduct	*-11.62*	
		For >50 To 100, Deduct	*-23.63*	
		For >100, Deduct	*-35.64*	

10 51 13 00-0238 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0211)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0239	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	235.34	17.94
		For >25 To 50, Deduct	*-10.49*	
		For >50 To 100, Deduct	*-21.36*	
		For >100, Deduct	*-32.23*	
10 51 13 00-0240	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	240.70	17.94
		For >25 To 50, Deduct	*-10.75*	
		For >50 To 100, Deduct	*-21.89*	
		For >100, Deduct	*-33.03*	
10 51 13 00-0241	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	246.01	17.94
		For >25 To 50, Deduct	*-11.02*	
		For >50 To 100, Deduct	*-22.42*	
		For >100, Deduct	*-33.83*	
10 51 13 00-0242	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	258.61	17.94
		For >25 To 50, Deduct	*-11.65*	
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-35.72*	
10 51 13 00-0243	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	260.93	17.94
		For >25 To 50, Deduct	*-11.77*	
		For >50 To 100, Deduct	*-23.92*	
		For >100, Deduct	*-36.07*	

10 51 13 00-0244 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0211)*

10 51 13 00-0245	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	222.64	17.94
		For >25 To 50, Deduct	*-9.85*	
		For >50 To 100, Deduct	*-20.09*	
		For >100, Deduct	*-30.32*	
10 51 13 00-0246	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	227.70	17.94
		For >25 To 50, Deduct	*-10.10*	
		For >50 To 100, Deduct	*-20.59*	
		For >100, Deduct	*-31.08*	
10 51 13 00-0247	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	232.72	17.94
		For >25 To 50, Deduct	*-10.36*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-31.83*	
10 51 13 00-0248	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	244.57	17.94
		For >25 To 50, Deduct	*-10.95*	
		For >50 To 100, Deduct	*-22.28*	
		For >100, Deduct	*-33.61*	
10 51 13 00-0249	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	246.73	17.94
		For >25 To 50, Deduct	*-11.06*	
		For >50 To 100, Deduct	*-22.50*	
		For >100, Deduct	*-33.94*	

10 51 13 00-0250 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0211)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0251	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	230.51	17.94
		For >25 To 50, Deduct	*-10.24*	
		For >50 To 100, Deduct	*-20.87*	
		For >100, Deduct	*-31.50*	
10 51 13 00-0252	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	237.89	17.94
		For >25 To 50, Deduct	*-10.61*	
		For >50 To 100, Deduct	*-21.61*	
		For >100, Deduct	*-32.61*	
10 51 13 00-0253	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	243.32	17.94
		For >25 To 50, Deduct	*-10.89*	
		For >50 To 100, Deduct	*-22.15*	
		For >100, Deduct	*-33.42*	

10 51 13 00-0254 All Welded Locker Accessories *(10 51 13 00-0210)*

10 51 13 00-0255	EA	ADA Requirements For All Welded Lockers	118.50	
10 51 13 00-0256	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	190.29	3.73
10 51 13 00-0257	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	220.77	3.73
10 51 13 00-0258	EA	Recessed Trim For All Welded Lockers	133.86	3.73
10 51 13 00-0259	EA	Built In Combination Lock For All Welded Lockers	45.09	3.73
10 51 13 00-0260	EA	Pad Lock For All Welded Lockers	35.68	3.73

10 51 26 Plastic Lockers *(10 51)*

10 51 26 00-0001 Solid Plastic Lockers *(10 51 26)*

Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	487.82	28.88
		For >50 To 100, Deduct	*-43.01*	
		For >100, Deduct	*-66.24*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	496.45	28.88
		For >50 To 100, Deduct	*-43.87*	
		For >100, Deduct	*-67.54*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	505.08	28.88
		For >50 To 100, Deduct	*-44.73*	
		For >100, Deduct	*-68.83*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	518.01	28.88
		For >50 To 100, Deduct	*-46.02*	
		For >100, Deduct	*-70.77*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	504.33	28.88
		For >50 To 100, Deduct	*-44.66*	
		For >100, Deduct	*-68.72*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	507.96	28.88
		For >50 To 100, Deduct	*-45.02*	
		For >100, Deduct	*-69.26*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	501.58	28.88
		For >50 To 100, Deduct	*-44.38*	
		For >100, Deduct	*-68.30*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	537.20	28.88
		For >50 To 100, Deduct	*-47.94*	
		For >100, Deduct	*-73.65*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	528.98	28.88
		For >50 To 100, Deduct	*-47.12*	
		For >100, Deduct	*-72.41*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	538.57	28.88
		For >50 To 100, Deduct	*-48.08*	
		For >100, Deduct	*-73.85*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	548.15	28.88
		For >50 To 100, Deduct	*-49.04*	
		For >100, Deduct	*-75.29*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	570.07	28.88
		For >50 To 100, Deduct	*-51.23*	
		For >100, Deduct	*-78.58*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	600.21	28.88
		For >50 To 100, Deduct	*-54.24*	
		For >100, Deduct	*-83.10*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	572.81	28.88
		For >50 To 100, Deduct	*-51.50*	
		For >100, Deduct	*-78.99*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	622.12	28.88
		For >50 To 100, Deduct	*-56.44*	
		For >100, Deduct	*-86.39*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	532.80	28.88
		For >50 To 100, Deduct	*-47.50*	
		For >100, Deduct	*-72.99*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	560.90	28.88
		For >50 To 100, Deduct	*-50.31*	
		For >100, Deduct	*-77.20*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	589.02	28.88
		For >50 To 100, Deduct	*-53.13*	
		For >100, Deduct	*-81.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	568.43	28.88
		For >50 To 100, Deduct	*-51.07*	
		For >100, Deduct	*-78.33*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	598.21	28.88
		For >50 To 100, Deduct	*-54.04*	
		For >100, Deduct	*-82.80*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	628.01	28.88
		For >50 To 100, Deduct	*-57.02*	
		For >100, Deduct	*-87.27*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	604.05	28.88
		For >50 To 100, Deduct	*-54.63*	
		For >100, Deduct	*-83.68*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	635.54	28.88
		For >50 To 100, Deduct	*-57.78*	
		For >100, Deduct	*-88.40*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	609.30	29.81
		For >50 To 100, Deduct	*-54.97*	
		For >100, Deduct	*-84.24*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	640.81	29.81
		For >50 To 100, Deduct	*-58.12*	
		For >100, Deduct	*-88.97*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	672.28	29.81
		For >50 To 100, Deduct	*-61.27*	
		For >100, Deduct	*-93.69*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	650.19	29.81
		For >50 To 100, Deduct	*-59.06*	
		For >100, Deduct	*-90.37*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	683.41	29.81
		For >50 To 100, Deduct	*-62.38*	
		For >100, Deduct	*-95.36*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	716.61	29.81
		For >50 To 100, Deduct	*-65.70*	
		For >100, Deduct	*-100.34*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	682.78	29.81
		For >50 To 100, Deduct	*-62.32*	
		For >100, Deduct	*-95.26*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	725.98	29.81
		For >50 To 100, Deduct	*-66.64*	
		For >100, Deduct	*-101.74*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	760.88	29.81
		For >50 To 100, Deduct	*-70.13*	
		For >100, Deduct	*-106.98*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	547.28	29.81
		For >50 To 100, Deduct	*-48.77*	
		For >100, Deduct	*-74.94*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	555.50	29.81
		For >50 To 100, Deduct	*-49.59*	
		For >100, Deduct	*-76.17*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	567.82	29.81
		For >50 To 100, Deduct	*-50.82*	
		For >100, Deduct	*-78.02*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	563.72	29.81
		For >50 To 100, Deduct	*-50.41*	
		For >100, Deduct	*-77.40*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	585.64	29.81
		For >50 To 100, Deduct	*-52.60*	
		For >100, Deduct	*-80.69*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	637.68	29.81
		For >50 To 100, Deduct	*-57.81*	
		For >100, Deduct	*-88.50*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	569.20	29.81
		For >50 To 100, Deduct	*-50.96*	
		For >100, Deduct	*-78.22*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	595.71	29.81
		For >50 To 100, Deduct	*-53.61*	
		For >100, Deduct	*-82.20*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	643.17	29.81
		For >50 To 100, Deduct	*-58.35*	
		For >100, Deduct	*-89.32*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	566.13	29.81
		For >50 To 100, Deduct	*-50.65*	
		For >100, Deduct	*-77.76*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	609.04	29.81
		For >50 To 100, Deduct	*-54.94*	
		For >100, Deduct	*-84.20*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	621.30	29.81
		For >50 To 100, Deduct	*-56.17*	
		For >100, Deduct	*-86.04*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	616.21	29.81
		For >50 To 100, Deduct	*-55.66*	
		For >100, Deduct	*-85.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	644.64	29.81
		For >50 To 100, Deduct	*-58.50*	
		For >100, Deduct	*-89.54*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	650.20	29.81
		For >50 To 100, Deduct	*-59.06*	
		For >100, Deduct	*-90.37*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	680.27	29.81
		For >50 To 100, Deduct	*-62.06*	
		For >100, Deduct	*-94.88*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	710.33	29.81
		For >50 To 100, Deduct	*-65.07*	
		For >100, Deduct	*-99.39*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	655.31	30.75
		For >50 To 100, Deduct	*-59.38*	
		For >100, Deduct	*-90.92*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	685.38	30.75
		For >50 To 100, Deduct	*-62.39*	
		For >100, Deduct	*-95.43*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	701.05	30.75
		For >50 To 100, Deduct	*-63.96*	
		For >100, Deduct	*-97.78*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	694.34	30.75
		For >50 To 100, Deduct	*-63.28*	
		For >100, Deduct	*-96.77*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	726.06	30.75
		For >50 To 100, Deduct	*-66.46*	
		For >100, Deduct	*-101.53*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	757.75	30.75
		For >50 To 100, Deduct	*-69.63*	
		For >100, Deduct	*-106.28*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	700.02	30.75
		For >50 To 100, Deduct	*-63.85*	
		For >100, Deduct	*-97.62*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	766.70	30.75
		For >50 To 100, Deduct	*-70.52*	
		For >100, Deduct	*-107.63*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	800.00	30.75
		For >50 To 100, Deduct	*-73.85*	
		For >100, Deduct	*-112.62*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	538.87	30.75
		For >50 To 100, Deduct	*-47.74*	
		For >100, Deduct	*-73.45*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	561.43	30.75
		For >50 To 100, Deduct	*-49.99*	
		For >100, Deduct	*-76.83*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	582.12	30.75
		For >50 To 100, Deduct	*-52.06*	
		For >100, Deduct	*-79.94*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	586.12	30.75
		For >50 To 100, Deduct	*-52.46*	
		For >100, Deduct	*-80.54*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	634.33	30.75
		For >50 To 100, Deduct	*-57.28*	
		For >100, Deduct	*-87.77*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	634.55	30.75
		For >50 To 100, Deduct	*-57.31*	
		For >100, Deduct	*-87.80*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	660.85	30.75
		For >50 To 100, Deduct	*-59.94*	
		For >100, Deduct	*-91.75*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	687.27	30.75
		For >50 To 100, Deduct	*-62.58*	
		For >100, Deduct	*-95.71*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	713.66	30.75
		For >50 To 100, Deduct	*-65.22*	
		For >100, Deduct	*-99.67*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	692.44	30.75
		For >50 To 100, Deduct	*-63.09*	
		For >100, Deduct	*-96.49*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	720.35	30.75
		For >50 To 100, Deduct	*-65.89*	
		For >100, Deduct	*-100.67*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	748.26	30.75
		For >50 To 100, Deduct	*-68.68*	
		For >100, Deduct	*-104.86*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	697.29	31.68
		For >50 To 100, Deduct	*-63.39*	
		For >100, Deduct	*-96.99*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	725.22	31.68
		For >50 To 100, Deduct	*-66.19*	
		For >100, Deduct	*-101.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	744.82	31.68
		For >50 To 100, Deduct	*-68.15*	
		For >100, Deduct	*-104.12*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	733.53	31.68
		For >50 To 100, Deduct	*-67.02*	
		For >100, Deduct	*-102.43*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	742.39	31.68
		For >50 To 100, Deduct	*-67.90*	
		For >100, Deduct	*-103.76*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	774.29	31.68
		For >50 To 100, Deduct	*-71.09*	
		For >100, Deduct	*-108.54*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	720.86	31.68
		For >50 To 100, Deduct	*-65.75*	
		For >100, Deduct	*-100.53*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	785.73	31.68
		For >50 To 100, Deduct	*-72.24*	
		For >100, Deduct	*-110.26*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	831.65	31.68
		For >50 To 100, Deduct	*-76.83*	
		For >100, Deduct	*-117.14*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	626.34	31.68
		For >50 To 100, Deduct	*-56.30*	
		For >100, Deduct	*-86.35*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	644.65	31.68
		For >50 To 100, Deduct	*-58.13*	
		For >100, Deduct	*-89.09*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	678.40	31.68
		For >50 To 100, Deduct	*-61.50*	
		For >100, Deduct	*-94.16*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	674.28	31.68
		For >50 To 100, Deduct	*-61.09*	
		For >100, Deduct	*-93.54*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	718.01	31.68
		For >50 To 100, Deduct	*-65.47*	
		For >100, Deduct	*-100.10*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	731.81	31.68
		For >50 To 100, Deduct	*-66.85*	
		For >100, Deduct	*-102.17*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	724.96	31.68
		For >50 To 100, Deduct	*-66.16*	
		For >100, Deduct	*-101.14*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	748.25	31.68
		For >50 To 100, Deduct	*-68.49*	
		For >100, Deduct	*-104.63*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	815.38	31.68
		For >50 To 100, Deduct	*-75.20*	
		For >100, Deduct	*-114.70*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	721.29	32.61
		For >50 To 100, Deduct	*-65.61*	
		For >100, Deduct	*-100.37*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	753.75	32.61
		For >50 To 100, Deduct	*-68.85*	
		For >100, Deduct	*-105.23*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	757.98	32.61
		For >50 To 100, Deduct	*-69.28*	
		For >100, Deduct	*-105.87*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	798.88	32.61
		For >50 To 100, Deduct	*-73.37*	
		For >100, Deduct	*-112.00*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	761.03	32.61
		For >50 To 100, Deduct	*-69.58*	
		For >100, Deduct	*-106.33*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	795.33	32.61
		For >50 To 100, Deduct	*-73.01*	
		For >100, Deduct	*-111.47*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	759.72	32.61
		For >50 To 100, Deduct	*-69.45*	
		For >100, Deduct	*-106.13*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	800.81	32.61
		For >50 To 100, Deduct	*-73.56*	
		For >100, Deduct	*-112.29*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	862.38	32.61
		For >50 To 100, Deduct	*-79.72*	
		For >100, Deduct	*-121.53*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	681.30	32.15
		For >50 To 100, Deduct	*-61.70*	
		For >100, Deduct	*-94.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	703.97	32.15
		For >50 To 100, Deduct	*-63.97*	
		For >100, Deduct	*-97.88*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	726.64	32.15
		For >50 To 100, Deduct	*-66.24*	
		For >100, Deduct	*-101.28*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	712.20	32.15
		For >50 To 100, Deduct	*-64.79*	
		For >100, Deduct	*-99.12*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	752.81	32.15
		For >50 To 100, Deduct	*-68.85*	
		For >100, Deduct	*-105.21*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	772.47	32.15
		For >50 To 100, Deduct	*-70.82*	
		For >100, Deduct	*-108.16*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	765.61	32.15
		For >50 To 100, Deduct	*-70.13*	
		For >100, Deduct	*-107.13*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	787.54	32.15
		For >50 To 100, Deduct	*-72.33*	
		For >100, Deduct	*-110.42*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	858.77	32.15
		For >50 To 100, Deduct	*-79.45*	
		For >100, Deduct	*-121.10*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	743.36	33.08
		For >50 To 100, Deduct	*-67.72*	
		For >100, Deduct	*-103.57*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	768.78	33.08
		For >50 To 100, Deduct	*-70.26*	
		For >100, Deduct	*-107.38*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	794.19	33.08
		For >50 To 100, Deduct	*-72.80*	
		For >100, Deduct	*-111.19*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	785.30	33.08
		For >50 To 100, Deduct	*-71.92*	
		For >100, Deduct	*-109.86*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	803.17	33.08
		For >50 To 100, Deduct	*-73.70*	
		For >100, Deduct	*-112.54*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	829.94	33.08
		For >50 To 100, Deduct	*-76.38*	
		For >100, Deduct	*-116.55*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	809.37	33.08
		For >50 To 100, Deduct	*-74.32*	
		For >100, Deduct	*-113.47*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	840.07	33.08
		For >50 To 100, Deduct	*-77.39*	
		For >100, Deduct	*-118.07*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	875.70	33.08
		For >50 To 100, Deduct	*-80.96*	
		For >100, Deduct	*-123.42*	
10 51 26 00-0122		Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*		
10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	785.84	32.61
		For >50 To 100, Deduct	*-72.06*	
		For >100, Deduct	*-110.05*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	771.13	33.54
		For >50 To 100, Deduct	*-70.40*	
		For >100, Deduct	*-107.62*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	796.51	33.54
		For >50 To 100, Deduct	*-72.94*	
		For >100, Deduct	*-111.43*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	813.46	33.54
		For >50 To 100, Deduct	*-74.64*	
		For >100, Deduct	*-113.97*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	847.30	33.54
		For >50 To 100, Deduct	*-78.02*	
		For >100, Deduct	*-119.04*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	857.19	33.54
		For >50 To 100, Deduct	*-79.01*	
		For >100, Deduct	*-120.53*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	864.24	33.54
		For >50 To 100, Deduct	*-79.72*	
		For >100, Deduct	*-121.59*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	867.05	33.54
		For >50 To 100, Deduct	*-80.00*	
		For >100, Deduct	*-122.01*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	898.09	33.54
		For >50 To 100, Deduct	*-83.10*	
		For >100, Deduct	*-126.66*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	939.01	33.54
		For >50 To 100, Deduct	*-87.19*	
		For >100, Deduct	*-132.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0133		Solid Plastic Locker Accessories *(10 51 26 00-0001)*		
10 51 26 00-0134		Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	36.78	
10 51 26 00-0136		Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	40.43	
10 51 26 00-0138		End Panels For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	93.56	
10 51 26 00-0140		Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	36.64	
10 51 26 00-0142		Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*		
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	96.56	
10 51 26 00-0144		Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*		
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	9.15	
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	27.48	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	36.64	
10 51 53		**Locker Room Benches** *(10 51)*		
10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	118.00	4.66
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	93.37	4.66
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	144.76	4.66
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	138.16	4.66
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	106.43	4.66
10 55		Postal Specialties *(10 50)*		
10 55 23		**Mail Boxes** *(10 55)*		
10 55 23 23		**Residential Mail Boxes** *(10 55 23)*		
10 55 23 23-0001		Residential Mail Boxes *(10 55 23 23)*		
10 55 23 23-0002	EA	13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate	99.90	10.48
		For Stainless Steel Sleeve, Add	*22.58*	
10 55 23 23-0003	EA	13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate	134.87	10.48
		For Stainless Steel Sleeve, Add	*22.58*	
10 55 23 23-0004	EA	Aluminum Or Galvanized Wall Mounted Mailbox	81.66	9.33
10 55 23 23-0005	EA	20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post	119.52	11.65
10 55 23 26		**Commercial Mail Boxes** *(10 55 23)*		
10 55 23 26-0001		Commercial Letter Boxes *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	372.31	13.98
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	431.34	13.98
10 55 23 26-0004		Commercial Horizontal Mail Boxes *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	71.35	13.98
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	154.45	18.63
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	93.27	11.65
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	144.76	18.63
10 55 23 26-0009		Commercial Cluster Mail Boxes *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	1,930.13	27.96
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,285.25	37.27
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,029.10	37.27
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,127.48	37.27
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,275.06	37.27
10 55 23 26-0015		Commercial 4C Mail Boxes *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,622.19	37.27
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	2,871.10	37.27
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	2,989.16	37.27
10 55 26		**Parcel Lockers** *(10 55)*		
10 55 26 00-0001		Parcel Lockers *(10 55 26)*		
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,430.89	27.96
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,699.72	37.27
10 56		Storage Assemblies *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 16		**Post-And-Shelf Metal Storage Shelving** *(10 56 13)*		
10 56 13 16-0001		Baked Enamel Steel Shelving *(10 56 13 16)*		
10 56 13 16-0002		7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*		
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	150.58	20.33
		For >75" To 87" High, Add	*13.26*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	150.64	21.35
		For >75" To 87" High, Add	*13.16*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	144.22	23.39
		For >75" To 87" High, Add	*12.36*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	184.32	25.42
		For >75" To 87" High, Add	*16.23*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	206.90	26.44
		For >75" To 87" High, Add	*18.34*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	198.89	28.47
		For >75" To 87" High, Add	*17.40*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	221.26	30.50
		For >75" To 87" High, Add	*19.48*	
10 56 13 16-0010		3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)* Note: Adjustable shelves.		
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	109.45	10.37
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	108.08	11.08
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	121.57	11.79
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	126.37	12.51
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	145.82	13.32
10 56 13 16-0016		4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	126.55	20.33
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	101.97	21.35
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	117.18	23.39
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	123.45	25.42
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	141.40	26.44
10 56 16		**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001		Shelving *(10 56 16)*		
10 56 16 00-0002		Built-In Wood Shelving *(10 56 16 00-0001)* Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	19.31	2.35
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	20.81	2.82
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	21.12	4.70
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0006		**Wood Shelving, White Pine, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	15.71	5.65
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	17.34	6.03
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	19.16	6.50
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	25.42	
10 56 16 00-0011		**Plywood Shelf With Edge Band** *(10 56 16 00-0001)*		
10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	19.87	5.65
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	31.88	7.06
10 56 16 00-0014		**Adjustable Shelf And Rod** *(10 56 16 00-0001)*		
10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	191.46	21.18
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	224.13	28.25
10 56 16 00-0017		**Prefinished Wood Shelves With Brackets And Supports** *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	16.82	5.65
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	18.34	6.03
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	59.49	9.42
10 56 16 00-0021		**Wood Shelving, Oak, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	19.39	8.85
10 56 17		**Wall-Mounted Standards and Shelving** *(10 56)*		
10 56 17 00-0001		**Galvanized Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	79.93	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	82.89	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	89.75	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	98.62	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	100.81	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	119.80	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0008		**304 Stainless Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	133.77	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	147.21	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	160.72	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	191.76	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	210.13	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	236.67	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0015		Laminated Particleboard, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	51.98	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	53.98	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	56.40	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	59.92	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	64.17	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	75.61	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0022		Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	78.06	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	88.40	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0025		Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	190.50	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	198.42	9.32
		For Installation On Concrete Walls, Add	*1.95*	
		For Installation On Concrete Block Walls, Add	*2.70*	
10 56 17 00-0028		Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	51.53	9.32
		For Installation On Concrete Walls, Add	*2.98*	
		For Installation On Concrete Block Walls, Add	*3.73*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	52.84	9.32
		For Installation On Concrete Walls, Add	*3.00*	
		For Installation On Concrete Block Walls, Add	*3.75*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	53.67	9.32
		For Installation On Concrete Walls, Add	*3.02*	
		For Installation On Concrete Block Walls, Add	*3.77*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	56.76	9.32
		For Installation On Concrete Walls, Add	*3.07*	
		For Installation On Concrete Block Walls, Add	*3.82*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	58.33	9.32
		For Installation On Concrete Walls, Add	*3.09*	
		For Installation On Concrete Block Walls, Add	*3.84*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	63.06	9.32
		For Installation On Concrete Walls, Add	*3.16*	
		For Installation On Concrete Block Walls, Add	*3.91*	
10 56 17 00-0035		Wall Mounted Shelving Accessories *(10 56 17)*		
10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	33.29	

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001 Hat And Coat Rack *(10 57 13)*

10 57 13 00-0002 Single Tier *(10 57 13 00-0001)*

10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	66.21	4.66
		For Custom Made Units, Add	*32.32*	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel	38.73	4.66
		For Custom Made Units, Add	*15.83*	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum	92.35	4.66
		For Custom Made Units, Add	*48.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 13 00-0006		Double Tier *(10 57 13 00-0001)*		
10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	89.55	4.66
		For Custom Made Units, Add	*44.57*	
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel	43.73	4.66
		For Custom Made Units, Add	*17.08*	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum	155.99	4.66
		For Custom Made Units, Add	*84.43*	
10 57 43		**Wardrobe Units** *(10 57)*		
10 57 43 00-0001		Dormitory Wardrobe Units *(10 57 43)*		
10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	1,916.93	172.56
		For Custom Made Units, Add	*1,029.37*	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	1,455.23	172.56
		For Custom Made Units, Add	*752.35*	

10 70 Exterior Specialties *(10)*

10 71 Exterior Protection *(10 70)*

10 71 13 Exterior Sun Control Devices *(10 71)*

10 71 13 13 Exterior Shutters *(10 71 13)*

10 71 13 13-0001		Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*		
10 71 13 13-0002		Louvered Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	94.90	28.20
		For Colored Finish, Add	*10.31*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	102.96	29.61
		For Colored Finish, Add	*11.43*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	111.05	31.02
		For Colored Finish, Add	*12.54*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	118.42	32.43
		For Colored Finish, Add	*13.53*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	126.76	33.84
		For Colored Finish, Add	*14.70*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	135.49	35.25
		For Colored Finish, Add	*15.93*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	141.39	36.66
		For Colored Finish, Add	*16.65*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	147.95	38.07
		For Colored Finish, Add	*17.49*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	156.78	39.48
		For Colored Finish, Add	*18.75*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	168.64	40.89
		For Colored Finish, Add	*20.54*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	174.22	42.30
		For Colored Finish, Add	*21.21*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	189.12	43.71
		For Colored Finish, Add	*23.55*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	194.65	45.12
		For Colored Finish, Add	*24.21*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	205.01	46.53
		For Colored Finish, Add	*25.73*	
10 71 13 13-0017		Raised Panel Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	134.12	31.02
		For Colored Finish, Add	*16.70*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	143.81	32.43
		For Colored Finish, Add	*18.10*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	150.16	33.84
		For Colored Finish, Add	*18.91*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	160.15	35.25
		For Colored Finish, Add	*20.37*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	168.69	36.66
		For Colored Finish, Add	*21.57*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	176.75	38.07
		For Colored Finish, Add	*22.68*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	187.71	39.48
		For Colored Finish, Add	*24.31*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	202.20	40.89
		For Colored Finish, Add	*26.58*	
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	212.33	42.30
		For Colored Finish, Add	*28.07*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	223.75	43.71
		For Colored Finish, Add	*29.78*	
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	227.47	45.12
		For Colored Finish, Add	*30.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	235.67	46.53
		For Colored Finish, Add	*31.25*	
10 71 13 13-0030		Exterior Spanish Cedar Shutters *(10 71 13 13)*		
10 71 13 13-0031		12" Width *(10 71 13 13-0030)*		
10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	387.36	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	418.55	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	447.86	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	479.06	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	508.37	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	541.84	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	571.17	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	600.47	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	631.66	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0041		14" Width *(10 71 13 13-0030)*		
10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	410.22	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	445.98	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	479.87	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	515.64	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	549.51	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	585.28	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	619.17	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	650.76	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	686.52	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0051		16" Width *(10 71 13 13-0030)*		
10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	435.36	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	473.41	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	511.87	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	549.93	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	588.38	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	628.71	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	664.89	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	703.34	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	743.67	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0061		18" Width *(10 71 13 13-0030)*		
10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	458.22	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	500.85	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	543.87	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	586.51	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	627.24	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	672.14	39.48
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	712.89	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	755.92	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	798.54	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0071		20" Width *(10 71 13 13-0030)*		
10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	481.08	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	528.28	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	573.59	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	623.08	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	668.39	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	715.58	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	760.90	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	806.21	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	853.40	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0081		Heavy Duty Exterior True Louver Shutters, Western Red Cedar *(10 71 13 13)*		
10 71 13 13-0082		12" Width *(10 71 13 13-0081)*		
10 71 13 13-0083	PR	12" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	419.75	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0084	PR	12" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	447.07	29.61
		For Arched Tops, Add	*150.00*	
10 71 13 13-0085	PR	12" x 44" Louver Shutter, Heavy Duty Red Cedar	487.10	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0086	PR	12" x 47" Louver Shutter, Heavy Duty Red Cedar	514.42	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0087	PR	12" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	554.46	33.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0088	PR	12" x 56" Louver Shutter, Heavy Duty Red Cedar	594.50	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0089	PR	12" x 59" Louver Shutter, Heavy Duty Red Cedar	621.81	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0090	PR	12" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	661.85	38.07
		For Arched Tops, Add	*150.00*	
10 71 13 13-0091	PR	12" x 68" Louver Shutter, Heavy Duty Red Cedar	701.88	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0092	PR	12" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	741.92	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0093	PR	12" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	769.24	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0094	PR	12" x 80" Louver Shutter, Heavy Duty Red Cedar	809.27	43.71
		For Arched Tops, Add	*150.00*	
10 71 13 13-0095	PR	12" x 83" Louver Shutter, Heavy Duty Red Cedar	836.59	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0096		14" Width *(10 71 13 13-0081)*		
10 71 13 13-0097	PR	14" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	471.33	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0098	PR	14" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	502.89	29.61
		For Arched Tops, Add	*150.00*	
10 71 13 13-0099	PR	14" x 44" Louver Shutter, Heavy Duty Red Cedar	549.28	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0100	PR	14" x 47" Louver Shutter, Heavy Duty Red Cedar	580.84	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0101	PR	14" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	627.24	33.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0102	PR	14" x 56" Louver Shutter, Heavy Duty Red Cedar	673.64	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0103	PR	14" x 59" Louver Shutter, Heavy Duty Red Cedar	705.19	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0104	PR	14" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	751.59	38.07
		For Arched Tops, Add	*150.00*	
10 71 13 13-0105	PR	14" x 68" Louver Shutter, Heavy Duty Red Cedar	797.98	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0106	PR	14" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	844.39	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0107	PR	14" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	875.93	42.30
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0108	PR	14" x 80" Louver Shutter, Heavy Duty Red Cedar	922.33	43.71
		For Arched Tops, Add	*150.00*	
10 71 13 13-0109	PR	14" x 83" Louver Shutter, Heavy Duty Red Cedar	953.88	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0110		15" Width *(10 71 13 13-0081)*		
10 71 13 13-0111	PR	15" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	497.12	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0112	PR	15" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	530.80	29.61
		For Arched Tops, Add	*150.00*	
10 71 13 13-0113	PR	15" x 44" Louver Shutter, Heavy Duty Red Cedar	580.38	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0114	PR	15" x 47" Louver Shutter, Heavy Duty Red Cedar	614.05	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0115	PR	15" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	663.63	33.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0116	PR	15" x 56" Louver Shutter, Heavy Duty Red Cedar	713.21	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0117	PR	15" x 59" Louver Shutter, Heavy Duty Red Cedar	746.88	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0118	PR	15" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	796.45	38.07
		For Arched Tops, Add	*150.00*	
10 71 13 13-0119	PR	15" x 68" Louver Shutter, Heavy Duty Red Cedar	846.03	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0120	PR	15" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	895.61	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0121	PR	15" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	929.28	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0122	PR	15" x 80" Louver Shutter, Heavy Duty Red Cedar	978.86	43.71
		For Arched Tops, Add	*150.00*	
10 71 13 13-0123	PR	15" x 83" Louver Shutter, Heavy Duty Red Cedar	1,012.52	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0124		16" Width *(10 71 13 13-0081)*		
10 71 13 13-0125	PR	16" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	522.91	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0126	PR	16" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	549.88	29.61
		For Arched Tops, Add	*150.00*	
10 71 13 13-0127	PR	16" x 44" Louver Shutter, Heavy Duty Red Cedar	611.47	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0128	PR	16" x 47" Louver Shutter, Heavy Duty Red Cedar	647.26	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0129	PR	16" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	700.02	33.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0130	PR	16" x 56" Louver Shutter, Heavy Duty Red Cedar	752.78	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0131	PR	16" x 59" Louver Shutter, Heavy Duty Red Cedar	788.57	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0132	PR	16" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	841.32	38.07
		For Arched Tops, Add	*150.00*	
10 71 13 13-0133	PR	16" x 68" Louver Shutter, Heavy Duty Red Cedar	894.08	39.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0134	PR	16" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	946.84	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0135	PR	16" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	982.63	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0136	PR	16" x 80" Louver Shutter, Heavy Duty Red Cedar	1,035.38	43.71
		For Arched Tops, Add	*150.00*	
10 71 13 13-0137	PR	16" x 83" Louver Shutter, Heavy Duty Red Cedar	1,071.17	45.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0138		18" Width *(10 71 13 13-0081)*		
10 71 13 13-0139	PR	18" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	574.50	28.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0140	PR	18" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	614.53	29.61
		For Arched Tops, Add	*150.00*	
10 71 13 13-0141	PR	18" x 44" Louver Shutter, Heavy Duty Red Cedar	673.65	31.02
		For Arched Tops, Add	*150.00*	
10 71 13 13-0142	PR	18" x 47" Louver Shutter, Heavy Duty Red Cedar	713.68	32.43
		For Arched Tops, Add	*150.00*	
10 71 13 13-0143	PR	18" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	772.80	33.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0144	PR	18" x 56" Louver Shutter, Heavy Duty Red Cedar	831.92	35.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0145	PR	18" x 59" Louver Shutter, Heavy Duty Red Cedar	871.95	36.66
		For Arched Tops, Add	*150.00*	
10 71 13 13-0146	PR	18" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	931.06	38.07
		For Arched Tops, Add	*150.00*	
10 71 13 13-0147	PR	18" x 68" Louver Shutter, Heavy Duty Red Cedar	990.18	39.48
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0148	PR	18" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	1,049.30	40.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0149	PR	18" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	1,089.33	42.30
		For Arched Tops, Add	*150.00*	
10 71 13 13-0150	PR	18" x 80" Louver Shutter, Heavy Duty Red Cedar	1,148.44	43.71
		For Arched Tops, Add	*150.00*	
10 71 13 13-0151	PR	18" x 83" Louver Shutter, Heavy Duty Red Cedar	1,188.47	45.12
		For Arched Tops, Add	*150.00*	

10 71 13 13-0152 Exterior Cypress Fixed Louver Wood Shutters *(10 71 13 13)*

10 71 13 13-0153 6" Through 8" Width *(10 71 13 13-0152)*

10 71 13 13-0154	PR	6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	523.67	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0155	PR	6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	589.57	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0156	PR	6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	655.66	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0157	PR	6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	722.58	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0158	PR	6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	789.52	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0159	PR	6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	856.47	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0160	PR	6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	923.39	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0161	PR	6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	990.34	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0162	PR	6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,057.28	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0163	PR	6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,124.20	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0164	PR	6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,191.14	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0165	PR	6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,258.09	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0166	PR	6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,325.03	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0167	PR	6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	1,391.98	43.71
		For Arched Tops, Add	*65.00*	

10 71 13 13-0168 10" Through 12" Width *(10 71 13 13-0152)*

10 71 13 13-0169	PR	10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	609.78	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0170	PR	10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	687.24	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0171	PR	10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	764.72	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0172	PR	10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	843.15	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0173	PR	10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	921.55	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0174	PR	10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	999.98	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0175	PR	10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,078.41	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0176	PR	10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,156.82	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0177	PR	10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,235.24	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0178	PR	10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,313.67	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0179	PR	10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,392.07	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0180	PR	10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,470.51	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0181	PR	10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,548.90	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0182	PR	10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	1,627.32	43.71
		For Arched Tops, Add	*65.00*	

10 71 13 13-0183 14" Through 16" Width *(10 71 13 13-0152)*

10 71 13 13-0184	PR	14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	801.12	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0185	PR	14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	904.11	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0186	PR	14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,007.08	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0187	PR	14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,111.02	29.61
		For Arched Tops, Add	*65.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0188	PR	14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,214.95	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0189	PR	14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,318.89	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0190	PR	14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,422.82	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0191	PR	14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,526.77	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0192	PR	14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,528.64	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0193	PR	14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,734.63	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0194	PR	14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,838.56	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0195	PR	14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,942.48	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0196	PR	14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,046.40	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0197	PR	14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,150.34	43.71
		For Arched Tops, Add	*65.00*	

10 71 13 13-0198 18" Through 20" Width *(10 71 13 13-0152)*

10 71 13 13-0199	PR	18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	896.78	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0200	PR	18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,012.54	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0201	PR	18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,128.27	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0202	PR	18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,243.90	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0203	PR	18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,361.65	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0204	PR	18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,478.35	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0205	PR	18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,595.03	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0206	PR	18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,711.74	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0207	PR	18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,828.40	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0208	PR	18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,945.11	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0209	PR	18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,061.78	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0210	PR	18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,178.49	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0211	PR	18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,295.16	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0212	PR	18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,411.86	43.71
		For Arched Tops, Add	*65.00*	

10 71 13 13-0213 22" Through 24" Width *(10 71 13 13-0152)*

10 71 13 13-0214	PR	22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,183.80	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0215	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,337.81	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0216	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,491.85	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0217	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,646.80	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0218	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,801.75	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0219	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,956.72	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0220	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,111.67	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0221	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,266.63	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0222	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,421.60	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0223	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,576.55	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0224	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,731.50	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0225	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,886.48	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0226	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,041.42	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0227	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,196.37	43.71
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0228		26" Through 28" Width *(10 71 13 13-0152)*		
10 71 13 13-0229	PR	26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,356.01	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0230	PR	26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,532.98	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0231	PR	26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,709.98	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0232	PR	26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,887.90	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0233	PR	26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,065.81	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0234	PR	26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,243.75	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0235	PR	26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,421.66	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0236	PR	26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,599.59	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0237	PR	26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,777.52	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0238	PR	26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,955.40	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0239	PR	26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	3,133.32	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0240	PR	26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	3,311.27	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0241	PR	26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,489.17	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0242	PR	26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,667.06	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0243		Pine Louvered Shutters *(10 71 13 13)*		
10 71 13 13-0244		12" Width *(10 71 13 13-0243)*		
10 71 13 13-0245	PR	12" x 35" Pine Louvered Shutter	299.63	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0246	PR	12" x 39" Pine Louvered Shutter	312.61	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0247	PR	12" x 43" Pine Louvered Shutter	325.44	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0248	PR	12" x 47" Pine Louvered Shutter	338.33	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0249	PR	12" x 51" Pine Louvered Shutter	351.16	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0250	PR	12" x 55" Pine Louvered Shutter	364.07	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0251	PR	12" x 59" Pine Louvered Shutter	376.98	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0252	PR	12" x 63" Pine Louvered Shutter	389.96	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0253	PR	12" x 67" Pine Louvered Shutter	402.85	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0254	PR	12" x 71" Pine Louvered Shutter	415.78	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0255	PR	12" x 75" Pine Louvered Shutter	428.66	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0256		14" Width *(10 71 13 13-0243)*		
10 71 13 13-0257	PR	14" x 35" Pine Louvered Shutter	331.28	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0258	PR	14" x 39" Pine Louvered Shutter	345.70	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0259	PR	14" x 43" Pine Louvered Shutter	359.89	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0260	PR	14" x 47" Pine Louvered Shutter	374.22	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0261	PR	14" x 51" Pine Louvered Shutter	388.44	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0262	PR	14" x 55" Pine Louvered Shutter	402.63	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0263	PR	14" x 59" Pine Louvered Shutter	416.93	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0264	PR	14" x 63" Pine Louvered Shutter	431.23	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0265	PR	14" x 67" Pine Louvered Shutter	445.45	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0266	PR	14" x 71" Pine Louvered Shutter	459.73	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0267	PR	14" x 75" Pine Louvered Shutter	474.06	42.30
		For Arched Tops, Add	*65.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0268		15" Width *(10 71 13 13-0243)*		
10 71 13 13-0269	PR	15" x 35" Pine Louvered Shutter	346.74	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0270	PR	15" x 39" Pine Louvered Shutter	361.69	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0271	PR	15" x 43" Pine Louvered Shutter	376.70	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0272	PR	15" x 47" Pine Louvered Shutter	391.59	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0273	PR	15" x 51" Pine Louvered Shutter	406.57	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0274	PR	15" x 55" Pine Louvered Shutter	421.54	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0275	PR	15" x 59" Pine Louvered Shutter	436.51	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0276	PR	15" x 63" Pine Louvered Shutter	451.43	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0277	PR	15" x 67" Pine Louvered Shutter	466.35	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0278	PR	15" x 71" Pine Louvered Shutter	481.28	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0279	PR	15" x 75" Pine Louvered Shutter	496.26	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0280	PR	15" x 81" Pine Louvered Shutter	517.74	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0281		16" Width *(10 71 13 13-0243)*		
10 71 13 13-0282	PR	16" x 35" Pine Louvered Shutter	361.46	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0283	PR	16" x 39" Pine Louvered Shutter	377.67	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0284	PR	16" x 43" Pine Louvered Shutter	394.04	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0285	PR	16" x 47" Pine Louvered Shutter	410.35	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0286	PR	16" x 51" Pine Louvered Shutter	426.68	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0287	PR	16" x 55" Pine Louvered Shutter	443.00	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0288	PR	16" x 59" Pine Louvered Shutter	459.21	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0289	PR	16" x 63" Pine Louvered Shutter	475.57	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0290	PR	16" x 67" Pine Louvered Shutter	491.88	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0291	PR	16" x 71" Pine Louvered Shutter	508.22	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0292	PR	16" x 75" Pine Louvered Shutter	524.52	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0293	PR	16" x 81" Pine Louvered Shutter	540.74	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0294		18" Width *(10 71 13 13-0243)*		
10 71 13 13-0295	PR	18" x 35" Pine Louvered Shutter	393.84	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0296	PR	18" x 39" Pine Louvered Shutter	414.92	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0297	PR	18" x 47" Pine Louvered Shutter	451.09	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0298	PR	18" x 55" Pine Louvered Shutter	487.37	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0299	PR	18" x 63" Pine Louvered Shutter	523.59	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0300	PR	18" x 75" Pine Louvered Shutter	602.30	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0301	PR	18" x 81" Pine Louvered Shutter	624.50	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0302		Exterior Cedar Board N' Batten Wood Shutters *(10 71 13 13)*		
10 71 13 13-0303		8" Through 14" Width *(10 71 13 13-0302)*		
10 71 13 13-0304	PR	8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	597.78	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0305	PR	8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	786.08	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0306	PR	8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	787.02	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0307	PR	8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	976.26	29.61
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0308	PR	8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	978.14	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0309	PR	8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	980.02	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0310	PR	8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,169.25	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0311	PR	8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,171.14	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0312	PR	8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,173.01	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0313	PR	8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,362.24	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0314	PR	8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,364.12	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0315	PR	8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,553.36	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0316	PR	8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,555.24	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0317	PR	8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	1,557.12	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0318	PR	8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	1,559.00	45.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0319		**15" Through 16" Width** *(10 71 13 13-0302)*		
10 71 13 13-0320	PR	15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter	785.14	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0321	PR	15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	786.08	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0322	PR	15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	974.38	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0323	PR	15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	976.26	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0324	PR	15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,165.49	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0325	PR	15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,167.37	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0326	PR	15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,169.25	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0327	PR	15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,358.49	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0328	PR	15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,360.36	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0329	PR	15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,549.60	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0330	PR	15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,551.48	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0331	PR	15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,740.73	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0332	PR	15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,742.60	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0333	PR	15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	1,931.83	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0334	PR	15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	1,933.70	45.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0335		**17" Through 18" Width** *(10 71 13 13-0302)*		
10 71 13 13-0336	PR	17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	785.14	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0337	PR	17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	973.44	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0338	PR	17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	974.38	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0339	PR	17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,163.61	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0340	PR	17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,165.49	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0341	PR	17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,354.72	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0342	PR	17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,356.60	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0343	PR	17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,545.85	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0344	PR	17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,547.72	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0345	PR	17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,736.96	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0346	PR	17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,738.84	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0347	PR	17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,928.08	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0348	PR	17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,929.95	42.30
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0349	PR	17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,119.18	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0350	PR	17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,121.05	45.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0351		**19" Through 20" Width** *(10 71 13 13-0302)*		
10 71 13 13-0352	PR	19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	972.50	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0353	PR	19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	973.44	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0354	PR	19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,161.73	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0355	PR	19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,163.61	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0356	PR	19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,352.84	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0357	PR	19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,354.72	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0358	PR	19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,543.96	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0359	PR	19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,733.21	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0360	PR	19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,735.08	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0361	PR	19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,924.31	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0362	PR	19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,926.19	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0363	PR	19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,115.43	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0364	PR	19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,117.30	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0365	PR	19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,306.54	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0366	PR	19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,308.41	45.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0367		**21" Through 22" Width** *(10 71 13 13-0302)*		
10 71 13 13-0368	PR	21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	972.50	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0369	PR	21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	973.44	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0370	PR	21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,161.73	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0371	PR	21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,350.96	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0372	PR	21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,352.84	31.02
		For Arched Tops, Add	*65.00*	
10 71 13 13-0373	PR	21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,542.08	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0374	PR	21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,543.96	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0375	PR	21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,733.21	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0376	PR	21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,922.43	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0377	PR	21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,924.31	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0378	PR	21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,113.54	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0379	PR	21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,115.43	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0380	PR	21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,304.66	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0381	PR	21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,306.54	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0382	PR	21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,308.41	45.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0383		**22" Through 24" Width** *(10 71 13 13-0302)*		
10 71 13 13-0384	PR	22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	972.50	26.79
		For Arched Tops, Add	*65.00*	
10 71 13 13-0385	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,160.79	27.54
		For Arched Tops, Add	*65.00*	
10 71 13 13-0386	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,161.73	28.20
		For Arched Tops, Add	*65.00*	
10 71 13 13-0387	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,350.96	29.61
		For Arched Tops, Add	*65.00*	
10 71 13 13-0388	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,540.20	31.02
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0389	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,542.08	32.43
		For Arched Tops, Add	*65.00*	
10 71 13 13-0390	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,731.32	33.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0391	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,733.21	35.25
		For Arched Tops, Add	*65.00*	
10 71 13 13-0392	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,922.43	36.66
		For Arched Tops, Add	*65.00*	
10 71 13 13-0393	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,111.66	38.07
		For Arched Tops, Add	*65.00*	
10 71 13 13-0394	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,113.54	39.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0395	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,302.79	40.89
		For Arched Tops, Add	*65.00*	
10 71 13 13-0396	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,304.66	42.30
		For Arched Tops, Add	*65.00*	
10 71 13 13-0397	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,493.90	43.71
		For Arched Tops, Add	*65.00*	
10 71 13 13-0398	PR	22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,495.77	45.12
		For Arched Tops, Add	*65.00*	

10 71 13 13-0399 Accessories *(10 71 13 13)*

10 71 13 13-0400	PR	Surface Mounted Pintel, Stainless Steel	63.69	
10 71 13 13-0401	PR	Lag Pintel, Stainless Steel	63.69	
10 71 13 13-0402	PR	10" Strap Hinge, Stainless Steel	96.40	
10 71 13 13-0403	PR	6" L-Hinge, Stainless Steel	88.72	
10 71 13 13-0404	PR	Hinge Set, Galvanized And Painted	79.92	
10 71 13 13-0405	PR	Acorn Holdback	75.49	
10 71 13 13-0406	PR	'S' Holdback, Stainless Steel	63.07	
10 71 13 13-0407	PR	'S' Holdback, Galvanized And Painted	59.24	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*

Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	53.86	8.39
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	47.71	7.52
10 73 13 13-0004	SF	Flat Roofed Steel Awning Note: Per SF of covered area	243.05	8.72
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	250.74	9.81

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*

Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	50.42	6.69
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	28.31	2.16
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings Note: Includes removal of existing canvas cover.	25.06	
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.88*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*

Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	4,714.51	422.62
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	8,663.01	676.36
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	5,810.09	528.79
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	10,451.93	707.10

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*

Note: Factory applied polyester finish.

10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	117.76	6.05
		For Snow Load (30 PSF), Add	*42.26*	
		For Wind Load (140 MPH), Add	*52.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	125.30	6.52
		For Snow Load (30 PSF), Add	*44.91*	
		For Wind Load (140 MPH), Add	*56.14*	

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	45.04	6.05
		For Snow Load (30 PSF), Add	*13.18*	
		For Wind Load (140 MPH), Add	*16.47*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	48.97	6.52
		For Snow Load (30 PSF), Add	*14.38*	
		For Wind Load (140 MPH), Add	*17.97*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	2,835.12	843.26
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	3,042.35	919.92
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	3,774.27	1,073.25
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*10.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,367.29	1,226.57
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	7,519.64	1,379.88
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	8,879.79	1,533.21
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	14,670.80	1,686.53
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	18,782.06	1,839.85
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy duty.

10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,847.10	766.60
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,373.00	843.26
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,740.22	919.92
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,728.56	1,073.25
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,822.68	1,226.57
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,433.21	1,303.22
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	8,027.57	1,379.88
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	13,575.31	1,533.21
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	14,859.86	1,686.53
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	18,524.61	1,839.85
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,333.96
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,378.92
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	1,586.87
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	1,678.53
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	2,011.41
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	2,437.14
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	2,881.81
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	3,352.40
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	3,909.71

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	652.08
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	936.07
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,044.84
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,177.10

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	108.85	39.62
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	118.81	41.95
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	132.99	44.29
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	173.62	46.61
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	229.06	48.94
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	255.94	51.27
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	233.73	51.27
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	272.04	58.26

10 75 16 00-0047 Flagpole Accessories *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.29	0.07
10 75 16 00-0049	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.62	0.07
10 75 16 00-0050	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.48	0.07
10 75 16 00-0051	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.74	0.07
10 75 16 00-0052	EA	Refinish Existing Flagpole Ball	325.93	116.47
10 75 16 00-0053	EA	Locking Aluminum Cleat Box For Flagpoles	271.00	69.88
10 75 16 00-0054	EA	Aluminum Cleat For Flagpoles	22.75	4.66
10 75 16 00-0055	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.70	0.10

10 75 23 Wall-Mounted Flagpoles *(10 75)*

10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	1,947.91	672.46
		For Clear Anodized Finish, Add	*60.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*90.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,114.13	739.71
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,290.94	806.95
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*110.00*	
		For Black Anodized Finish, Add	*120.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,655.14	941.45
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*90.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007	EA	10' (3.0 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,522.18	605.22
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' (4.6 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,720.15	672.46
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' (6.1 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	3,031.45	806.95
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	9.44	0.75
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	11.42	0.75
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	16.93	0.75

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier *(10 81 13)*

Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	8.68	0.75
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	10.54	0.75
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	12.53	0.75

10 81 13 00-0009 Spiked Gutter Or Girder Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.

10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	10.16	0.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0011		**Coil Bird Barrier** *(10 81 13)*		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	6.94	0.75
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	8.29	0.75
10 81 13 00-0014		**Spider Bird Barrier** *(10 81 13)*		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	116.14	0.75
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	173.44	0.75
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	220.35	0.75
10 81 13 00-0018		**Oriented Flexible Flame Resistant Netting** *(10 81 13)*		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting	0.94	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting	0.91	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting	0.87	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting	0.84	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting	0.84	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	0.82	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting	0.80	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting	0.80	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting	0.77	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting	0.86	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	0.81	0.33
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	2.89	
10 81 13 00-0031		**Netting Accessories** *(10 81 13)*		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting	8.45	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	12.73	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	14.98	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	21.29	
10 81 16		**Insect Control Devices** *(10 81)*		
10 81 16 00-0001		**Insect Screening** *(10 81 16)*		
10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	128.97	
10 86		**Security Mirrors And Domes** *(10 80)*		
10 86 00 00-0001		**Security Mirrors** *(10 86)*		
10 86 00 00-0002	EA	8" x 10" Framed Stainless Steel Mirror With Mounting Plate	80.56	29.28
10 86 00 00-0003	EA	10" x 14" Framed Stainless Steel Mirror With Mounting Plate	86.92	29.28
10 86 00 00-0004	EA	16" x 20" Unframed Stainless Steel Mirror With Mounting Screws	133.28	24.40
10 86 00 00-0005	EA	8" x 10" Framed Stainless Steel Replacement Mirror	75.89	29.28
10 86 00 00-0006	EA	10" x 14" Framed Stainless Steel Replacement Mirror	108.53	29.28
10 86 00 00-0007		**Dome Mirrors** *(10 86)*		
		Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0008		**Steel Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0009	EA	9" Diameter Full-Dome Steel Dome Mirror	283.32	18.64
10 86 00 00-0010	EA	12" Diameter Full-Dome Steel Dome Mirror	334.39	19.58
10 86 00 00-0011	EA	18" Diameter Full-Dome Steel Dome Mirror	387.32	21.44
10 86 00 00-0012	EA	24" Diameter Full-Dome Steel Dome Mirror	519.42	23.30
10 86 00 00-0013	EA	9" Diameter Half-Dome Steel Dome Mirror	202.55	13.99
10 86 00 00-0014	EA	12" Diameter Half-Dome Steel Dome Mirror	234.36	14.91
10 86 00 00-0015	EA	18" Diameter Half-Dome Steel Dome Mirror	274.38	16.31
10 86 00 00-0016	EA	24" Diameter Half-Dome Steel Dome Mirror	384.14	17.72
10 86 00 00-0017		**Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0018	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	217.24	21.44
10 86 00 00-0019	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	309.76	23.30
10 86 00 00-0020	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	411.35	27.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0021	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	497.42	32.63
10 86 00 00-0022	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	726.48	46.61
10 86 00 00-0023	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	131.68	16.31
10 86 00 00-0024	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	179.40	17.72
10 86 00 00-0025	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	237.63	20.51
10 86 00 00-0026	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	293.30	24.70
10 86 00 00-0027	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	467.85	34.96
10 86 00 00-0028	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	83.59	13.99
10 86 00 00-0029	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	108.42	15.38
10 86 00 00-0030	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	143.81	17.24
10 86 00 00-0031	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	179.65	20.51
10 86 00 00-0032	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	300.01	29.13
10 86 00 00-0033		**Coated Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0034	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	261.10	21.44
10 86 00 00-0035	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	408.17	23.30
10 86 00 00-0036	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	694.24	32.63
10 86 00 00-0037	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,070.93	46.61
10 86 00 00-0038	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	168.48	16.31
10 86 00 00-0039	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	253.64	17.72
10 86 00 00-0040	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	402.41	24.70
10 86 00 00-0041	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	668.95	34.96
10 86 00 00-0042	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	121.46	13.99
10 86 00 00-0043	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	172.17	15.38
10 86 00 00-0044	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	224.25	17.24
10 86 00 00-0045	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	289.19	20.51
10 86 00 00-0046	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	454.05	29.13
10 86 00 00-0047		**Circular Convex Security Mirrors** *(10 86)*		
		Note: Includes all mounting hardware.		
10 86 00 00-0048		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0049	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	89.73	14.91
10 86 00 00-0050	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	117.99	16.31
10 86 00 00-0051	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	181.76	17.72
10 86 00 00-0052	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	227.79	20.51
10 86 00 00-0053	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	304.00	24.70
10 86 00 00-0054	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	540.59	34.96
10 86 00 00-0055	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	154.15	16.31
10 86 00 00-0056	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	224.54	17.72
10 86 00 00-0057	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	321.11	24.70
10 86 00 00-0058	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	591.93	34.96
10 86 00 00-0059		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0060	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	187.52	16.31
10 86 00 00-0061	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	298.57	17.72
10 86 00 00-0062	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	402.58	20.51
10 86 00 00-0063	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	502.96	24.70
10 86 00 00-0064	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	730.99	34.96
10 86 00 00-0065	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	226.67	16.31
10 86 00 00-0066	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	354.19	17.72
10 86 00 00-0067	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	494.57	20.51
10 86 00 00-0068	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	558.59	24.70
10 86 00 00-0069	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	887.17	34.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation and Maintenance of Equipment (11)

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment (11 01)

11 01 10 13 Operation and Maintenance of Parking Equipment (11 01 10)

11 01 10 13-0001 Replacement Parking Equipment (11 01 10 13)

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts		569.25	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts		594.99	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts		624.53	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts		831.31	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts		858.98	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts		1,217.46	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts		1,235.30	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts		1,269.44	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts		1,459.90	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts		1,484.01	

11 10 Vehicle and Pedestrian Equipment (11)

11 11 Vehicle Service Equipment (11 10)

11 11 19 Vehicle Lubrication Equipment (11 11)

11 11 19 00-0001 Reels (11 11 19)

11 11 19 00-0002	EA	1/4" x 50' Hose, Grease Reel (Alemite 8078-B)		1,051.89	126.08
11 11 19 00-0003	EA	1/2" x 50' Hose, Oil Reel (Alemite 8078-D)		1,025.42	126.08
11 11 19 00-0004	EA	3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F)		896.42	126.08
11 11 19 00-0005	EA	1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M)		999.46	126.08

11 11 19 00-0006 Air Operated Powered Pumps (11 11 19)

Note: Excludes air compressor.

11 11 19 00-0007	EA	1", Oil, Air Operated Diaphragm Pump (Alemite 8323)		1,581.90	168.11
11 11 19 00-0008	EA	1", Antifreeze, Air Operated Diaphragm Pump (Alemite 8325) Note: UL listed.		1,756.06	168.11
11 11 19 00-0009	EA	5:1 Air Operated Oil Pump (Alemite 9968)		1,405.53	168.11
11 11 19 00-0010	EA	50:1 High Pressure Grease Pump For 400 LB Drum (Alemite 9979-A) Note: Includes pump, drum cover and follower plate.		1,629.79	84.05

11 11 19 00-0011 Pumping Unit Accessories (11 11 19)

11 11 19 00-0012	EA	Rigid Extension, Digital Oil Meter (Alemite 3670)		575.46	31.52
11 11 19 00-0013	EA	Flexible Extension, Digital Meter (Alemite 3671)		575.46	31.52
11 11 19 00-0014	EA	Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B)		575.46	31.52
11 11 19 00-0015	EA	Grease Control Handle (Alemite 6320-A)		311.21	31.52
11 11 19 00-0016	EA	150 PSI Filter/Regulator (Alemite 7936)		167.38	31.52
11 11 19 00-0017	EA	Z Type Grease Swivel (Alemite B331107)		111.24	10.51
11 11 19 00-0018	EA	Suction Hose Assembly (Parker T605-84)		256.93	42.03
11 11 19 00-0019	EA	Unistrut Reel Brackets		228.92	8.40
11 11 19 00-0020	EA	Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173)		307.67	31.52

11 11 36 Vehicle Charging Equipment (11 11)

11 11 36 13 Commercial Electric Vehicle Charging Unit (11 11 36)

11 11 36 13-0001 Electric Vehicle Charging Stations (GE) (11 11 36 13)

Note: Available with RFID (Radio Frequency Identification) reader.

11 11 36 13-0002	EA	Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		3,949.53	146.78
11 11 36 13-0003	EA	Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		7,007.70	195.70
11 11 36 13-0004	EA	Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		7,309.87	146.78
11 11 36 13-0005	EA	Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		12,480.42	195.70
11 11 36 13-0006	EA	Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.		3,445.82	73.38
11 11 36 13-0007	EA	Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.		6,680.19	73.38
11 11 36 13-0008	EA	Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		3,333.52	97.85
11 11 36 13-0009	EA	Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.		6,441.89	97.85

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0010		Electric Vehicle Charging Stations (AeroVironment) *(11 11 36 13)*		
		Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC).		
11 11 36 13-0011	EA	Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	2,690.88	48.93
		Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA	Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	3,845.09	97.85
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA	Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	6,438.12	122.31
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA	Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,040.79	146.78
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA	Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	6,633.81	171.23
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA	Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	9,226.85	195.70
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA	Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	11,819.88	220.16
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0018		Electric Vehicle Charging Stations (Leviton) *(11 11 36 13)*		
11 11 36 13-0019	EA	Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,100.96	97.85
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,621.68*	
		For Bollard Cap (Leviton CPCAP-B), Add	*240.93*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,811.94*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*240.93*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,652.27*	
11 11 36 13-0020	EA	Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,276.78	97.85
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,621.68*	
		For Bollard Cap (Leviton CPCAP-B), Add	*240.93*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,811.94*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*240.93*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,652.27*	
11 11 36 13-0021	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	8,039.81	122.31
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,621.68*	
		For Bollard Cap (Leviton CPCAP-B), Add	*240.93*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,811.94*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*240.93*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,652.27*	
11 11 36 13-0022	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)	7,212.96	122.31
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,621.68*	
		For Bollard Cap (Leviton CPCAP-B), Add	*240.93*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,811.94*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*240.93*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,652.27*	
11 11 36 13-0023	EA	Bollard Mounting Body For Charging Station (Leviton CPMBX-000)	3,013.08	146.78
		For Cap, Add	*240.93*	
11 11 36 13-0024	EA	Wall Mounting Body For Charging Station (Leviton CPMEX-000)	2,203.34	146.78
		For Cap, Add	*240.93*	
11 11 36 13-0025	EA	Cord Management Kit For Charging Station (Leviton CPCBX-000)	1,847.97	97.85
		For Cap, Add	*240.93*	

11 12 Parking Control Equipment *(11 10)*

11 12 13 Parking Key and Card Control Units *(11 12)*

11 12 13 00-0001	EA	Card Access Control System, Surface Mounted	1,449.22	86.65
		Note: Entracomp 26SA-SM.		
11 12 13 00-0002	EA	Card Access Control System, Flush Mounted	1,612.15	86.65
		Note: Entracomp 26SA-FM.		
11 12 13 00-0003	EA	Card Access Control System, Flush Mounted	1,859.91	86.65
		Note: Entracomp 26SA-MH.		

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001		Parking Ticket Dispensers *(11 12 16)*		
11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	10,780.24	207.97
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	14,513.36	207.97

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001		Parking Meters *(11 12 23)*		
11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	199.23	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 26 13-0001		Parking Fee Collection Equipment *(11 12 26 13)*		
11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,560.86	70.47
11 12 33		**Parking Gates** *(11 12)*		
11 12 33 13		**Lift Arm Parking Gates** *(11 12 33)*		
11 12 33 13-0001		Barrier Parking Gate Operators *(11 12 33 13)*		
11 12 33 13-0002		Barrier Parking Gate Operators *(11 12 33 13-0001)*		
		Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,600.86	288.34
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,580.27	288.34
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,841.15	288.34
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	8,396.14	288.34
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,185.62	288.34
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,597.55	288.34
11 12 33 13-0009		Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*		
		Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,441.78	576.69
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,440.63	576.69
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,596.25	576.69
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,595.10	576.69
11 12 33 13-0014		Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*		
11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	212.92	20.64
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	192.32	20.64
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	453.21	20.64
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	684.92	20.64
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	624.85	20.64
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	624.85	20.64
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	762.16	20.64
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	633.83	123.82
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	633.83	123.82
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	631.34	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,570.94	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,022.39	20.64
		Note: Includes mounting plate and hardware. Excludes concrete foundation.		
11 12 36		**Tire Shredders** *(11 12)*		
11 12 36 00-0001		Tire Shredding Traffic Control Spikes *(11 12 36)*		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,647.31	330.20
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	4,799.31	165.10
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,426.21	165.10
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	2,131.98	61.92
		Note: Includes light and mounting post.		
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	1,727.00	82.55
		Note: Includes mounting post and hardware.		
11 13		Loading Dock Equipment *(11 10)*		
11 13 13		**Loading Dock Bumpers** *(11 13)*		
11 13 13 00-0001		Laminated Rubber Dock Bumpers *(11 13 13)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0002		4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	130.70	18.63
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.91	18.63
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	220.39	18.63
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	146.56	18.63
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	159.70	18.63
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	183.21	18.63
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	220.39	18.63
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	304.37	18.63
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.55	18.63
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	183.21	18.63
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	227.86	18.63
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	259.53	18.63
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	362.37	18.63
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	209.36	18.63
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	246.19	18.63
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	324.65	18.63
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	187.97	18.63
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	200.96	18.63
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	232.27	18.63
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	279.95	18.63
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	385.45	18.63
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	216.79	18.63
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	227.47	18.63
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	269.81	18.63
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	332.97	18.63
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	509.82	18.63
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	280.13	18.63
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	322.47	18.63
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	328.11	18.63
11 13 13 00-0033		Extruded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	65.15	18.63
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	70.39	18.63
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	77.36	18.63
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	84.33	18.63
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	92.50	18.63
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	114.49	18.63
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	120.82	18.63
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	135.25	18.63
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	114.20	18.63
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	143.84	18.63
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	168.25	18.63
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	214.83	18.63
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	95.49	18.63
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	82.03	18.63
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	112.75	18.63
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	143.75	18.63
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	151.06	18.63
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	109.23	18.63
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	144.97	18.63
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	218.56	18.63
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	119.92	18.63
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	185.29	18.63
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	184.65	18.63
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	284.63	18.63
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	174.58	18.63
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	162.25	18.63

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16			**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13			**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001			Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002			Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003		LF	10" Projection, Standard, Vinyl Loading Dock Seal	91.96	18.63
11 13 16 13-0004		LF	11" Projection, Standard, Vinyl Loading Dock Seal	93.29	18.63
11 13 16 13-0005		LF	12" Projection, Standard, Vinyl Loading Dock Seal	94.63	18.63
11 13 16 13-0006		LF	13" Projection, Standard, Vinyl Loading Dock Seal	97.30	18.63
11 13 16 13-0007		LF	14" Projection, Standard, Vinyl Loading Dock Seal	99.96	18.63
11 13 16 13-0008		LF	15" Projection, Standard, Vinyl Loading Dock Seal	102.67	18.63
11 13 16 13-0009		LF	16" Projection, Standard, Vinyl Loading Dock Seal	105.38	18.63
11 13 16 13-0010		LF	17" Projection, Standard, Vinyl Loading Dock Seal	108.16	18.63
11 13 16 13-0011		LF	18" Projection, Standard, Vinyl Loading Dock Seal	110.94	18.63
11 13 16 13-0012		LF	19" Projection, Standard, Vinyl Loading Dock Seal	113.60	18.63
11 13 16 13-0013		LF	20" Projection, Standard, Vinyl Loading Dock Seal	116.27	18.63
11 13 16 13-0014		LF	22" Projection, Standard, Vinyl Loading Dock Seal	121.68	18.63
11 13 16 13-0015			8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016		LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	107.82	18.63
11 13 16 13-0017		LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	109.16	18.63
11 13 16 13-0018		LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	110.49	18.63
11 13 16 13-0019		LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	113.20	18.63
11 13 16 13-0020		LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.90	18.63
11 13 16 13-0021		LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.57	18.63
11 13 16 13-0022		LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	121.24	18.63
11 13 16 13-0023		LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	123.94	18.63
11 13 16 13-0024		LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.65	18.63
11 13 16 13-0025		LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.32	18.63
11 13 16 13-0026		LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	132.06	18.63
11 13 16 13-0027		LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.40	18.63
11 13 16 13-0028			4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029		LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	116.27	18.63
11 13 16 13-0030		LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.64	18.63
11 13 16 13-0031		LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	119.01	18.63
11 13 16 13-0032		LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	121.68	18.63
11 13 16 13-0033		LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	124.35	18.63
11 13 16 13-0034		LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	127.06	18.63
11 13 16 13-0035		LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.76	18.63
11 13 16 13-0036		LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	132.43	18.63
11 13 16 13-0037		LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	135.10	18.63
11 13 16 13-0038		LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.81	18.63
11 13 16 13-0039		LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	140.51	18.63
11 13 16 13-0040		LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	146.00	18.63
11 13 16 13-0041			Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042			Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043		LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	84.89	18.63
11 13 16 13-0044		LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	86.99	18.63
11 13 16 13-0045		LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	91.63	18.63
11 13 16 13-0046		LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	96.20	18.63
11 13 16 13-0047		LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	100.91	18.63
11 13 16 13-0048		LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	105.48	18.63
11 13 16 13-0049		LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	110.12	18.63
11 13 16 13-0050			8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051		LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	99.89	18.63
11 13 16 13-0052		LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	102.05	18.63
11 13 16 13-0053		LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	106.69	18.63
11 13 16 13-0054		LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	111.33	18.63
11 13 16 13-0055		LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	115.90	18.63
11 13 16 13-0056		LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	120.54	18.63
11 13 16 13-0057		LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	125.11	18.63
11 13 16 13-0058			4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059		LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	108.02	18.63
11 13 16 13-0060		LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	110.12	18.63
11 13 16 13-0061		LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.82	18.63
11 13 16 13-0062		LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	119.40	18.63
11 13 16 13-0063		LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	124.03	18.63
11 13 16 13-0064		LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	128.61	18.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	133.31	18.63

11 13 16 23 Loading Dock Shelters *(11 13 16)*

11 13 16 23-0001 Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*

11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	146.40	23.29

11 13 16 23-0003 Rigid Loading Dock Shelters *(11 13 16 23)*

11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	107.12	22.36
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	112.04	22.36
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	116.33	23.29
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	119.73	23.29

11 13 19 Stationary Loading Dock Equipment *(11 13)*

Note: Includes all anchor bolts and fasteners.

11 13 19 13 Loading Dock Levelers *(11 13 19)*

11 13 19 13-0001 Hydraulic Dock Levelers *(11 13 19 13)*

Note: Excludes control panel, remote operator, and electrical wiring.

11 13 19 13-0002 20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0003	EA	6' x 6', 20,000 LB Hydraulic Dock Leveler	6,989.85	805.04
11 13 19 13-0004	EA	6' x 8', 20,000 LB Hydraulic Dock Leveler	7,477.75	894.48
11 13 19 13-0005	EA	6' x 10', 20,000 LB Hydraulic Dock Leveler	9,147.60	1,073.38
11 13 19 13-0006	EA	7' x 6', 20,000 LB Hydraulic Dock Leveler	7,437.43	894.48
11 13 19 13-0007	EA	7' x 8', 20,000 LB Hydraulic Dock Leveler	8,078.36	983.93
11 13 19 13-0008	EA	7' x 10', 20,000 LB Hydraulic Dock Leveler	9,685.24	1,162.83

11 13 19 13-0009 25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0010	EA	6' x 6', 25,000 LB Hydraulic Dock Leveler	7,131.40	805.04
11 13 19 13-0011	EA	6' x 8', 25,000 LB Hydraulic Dock Leveler	7,623.71	894.48
11 13 19 13-0012	EA	6' x 10', 25,000 LB Hydraulic Dock Leveler	9,284.36	1,073.38
11 13 19 13-0013	EA	7' x 6', 25,000 LB Hydraulic Dock Leveler	7,575.42	894.48
11 13 19 13-0014	EA	7' x 8', 25,000 LB Hydraulic Dock Leveler	8,205.80	983.93
11 13 19 13-0015	EA	7' x 10', 25,000 LB Hydraulic Dock Leveler	9,953.49	1,162.83

11 13 19 13-0016 30,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0017	EA	6' x 6', 30,000 LB Hydraulic Dock Leveler	7,471.08	939.21
11 13 19 13-0018	EA	6' x 8', 30,000 LB Hydraulic Dock Leveler	7,948.19	1,073.38
11 13 19 13-0019	EA	6' x 10', 30,000 LB Hydraulic Dock Leveler	9,677.70	1,252.27
11 13 19 13-0020	EA	7' x 6', 30,000 LB Hydraulic Dock Leveler	7,948.19	1,073.38
11 13 19 13-0021	EA	7' x 8', 30,000 LB Hydraulic Dock Leveler	8,552.03	1,207.55
11 13 19 13-0022	EA	7' x 10', 30,000 LB Hydraulic Dock Leveler	10,281.54	1,297.00

11 13 19 13-0023 35,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0024	EA	6' x 6', 35,000 LB Hydraulic Dock Leveler	7,731.56	983.93
11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler	8,209.99	1,118.11
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler	9,248.77	1,297.00
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler	8,209.99	1,118.11
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler	8,916.26	1,252.27
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler	10,685.13	1,341.73

11 13 19 13-0030 40,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler	8,177.26	983.93
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler	8,655.05	1,118.11
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler	10,412.09	1,297.00
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler	8,655.05	1,118.11
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler	9,362.11	1,252.27
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler	11,130.70	1,341.73

11 13 19 13-0037 45,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler	8,556.82	1,028.66
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler	9,042.86	1,162.83
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler	10,790.27	1,341.73
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler	9,044.21	1,162.83
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler	9,745.10	1,297.00
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler	11,501.45	1,386.45

11 13 19 13-0044 Manual Dock Levelers *(11 13 19 13)*

11 13 19 13-0045 20,000 LB Manual Dock Levelers *(11 13 19 13-0044)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler	5,539.60	805.04
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler	6,036.66	894.48
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler	7,697.35	1,073.38
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler	5,988.49	894.48
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler	6,628.11	983.93
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler	8,382.90	1,073.38
11 13 19 13-0052		40,000 LB Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler	6,855.28	894.48
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler	7,333.07	983.93
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler	7,967.09	1,162.83
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler	7,333.07	983.93
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler	8,339.87	1,073.38
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler	9,808.72	1,252.27
11 13 19 13-0059		Edge Of Dock Levelers *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge Of Dock Levelers *(11 13 19 13-0059)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,552.15	268.35
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	4,906.58	268.35
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	4,855.28	268.35
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,341.84	268.35
11 13 19 13-0065	EA	66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	4,804.51	268.35
11 13 19 13-0066	EA	72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,081.73	268.35
11 13 19 13-0067		Manual Edge Of Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,294.42	268.35
11 13 19 13-0069	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,507.94	268.35
11 13 19 13-0070	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,573.23	268.35
11 13 19 13-0071	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,733.36	268.35
11 13 19 13-0072	EA	66" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,586.79	268.35
11 13 19 13-0073	EA	72" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	2,952.65	268.35
11 13 19 13-0074	EA	78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,221.80	268.35
11 13 19 13-0075	EA	72" Usable Width, 30,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,260.49	268.35
11 13 19 13-0076	EA	66" Usable Width, 20,000 LB Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	2,893.01	268.35
11 13 19 13-0077	EA	78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,009.94	268.35
11 13 19 13-0078	EA	72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	3,769.79	268.35
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift	14,111.01	188.00
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	12,699.14	188.00
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	22,967.31	282.00
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted	40,282.85	564.01
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted	42,153.37	752.01
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift	37,116.40	1,712.98
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift	42,427.36	2,055.57
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,598.71	335.43
11 13 19 33-0003	EA	Rotating Hook Truck Restraint System (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	9,229.55	335.43
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift	12,617.04	103.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	366.46	86.65
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	457.88	86.65
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	199.13	69.32
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	387.80	115.54
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	473.53	115.54
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	417.99	115.54
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	558.11	115.54
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	665.52	115.54
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	731.35	115.54
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	783.99	115.54
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	410.59	115.54
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	452.23	115.54
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	487.78	115.54
11 14		Pedestrian Control Equipment *(11 10)*		
11 14 13		**Pedestrian Gates** *(11 14)*		
11 14 13 16		**Rotary Gates** *(11 14 13)*		
11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		
11 14 13 16-0002		Mechanical *(11 14 13 16-0001)*		
11 14 13 16-0003		Galvanized Steel *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	11,270.68	1,250.03
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	12,786.32	1,250.03
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	25,706.98	1,864.99
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	24,871.15	1,864.99
11 14 13 16-0008		Powder Coated Steel *(11 14 13 16-0002)*		
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	12,805.82	1,250.03
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	14,262.95	1,250.03
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	30,473.99	1,864.99
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	27,389.78	1,864.99
11 14 13 16-0013		Anodized Aluminum *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	13,471.70	1,250.03
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	23,671.61	1,250.03
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	27,267.19	1,864.99
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	46,480.14	1,864.99
11 14 13 16-0018		Stainless Steel *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	21,537.46	1,250.03
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	24,228.83	1,250.03
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	34,622.50	1,864.99
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	43,370.85	1,864.99
11 14 13 16-0023		Transparent *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	43,174.31	1,250.22
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	236.82	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	167.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	11,942.13	1,250.03
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	13,460.56	1,250.03
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	28,214.47	1,864.99
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	25,954.94	1,864.99
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	28,214.47	1,864.99
11 14 13 16-0035		Powder Coated Steel *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	13,474.49	1,250.03
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	15,171.22	1,250.03
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	37,990.89	1,864.99
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	28,487.50	1,864.99
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	30,752.60	1,864.99
11 14 13 16-0041		Anodized Aluminum *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	13,753.10	1,250.03
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,616.79	1,250.03
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	24,507.44	1,250.03
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	28,802.33	1,864.99
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	32,115.01	1,864.99
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	47,926.12	1,864.99
11 14 13 16-0048		Stainless Steel *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	22,944.44	1,250.03
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	24,588.24	1,250.03
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	39,849.22	1,864.99
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	45,518.93	1,864.99
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	50,252.52	1,864.99
11 14 13 16-0054		Transparent *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	39,337.85	1,250.22
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	41,667.03	1,250.22
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	42,683.96	1,250.22
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	70,284.58	1,864.99
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	74,770.20	1,864.99
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	12,911.70	1,250.03
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	14,474.70	1,250.03
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	33,541.49	1,864.99
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	27,685.11	1,864.99
11 14 13 16-0066		Powder Coated Steel *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	14,324.25	1,250.03
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	16,118.50	1,250.03
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	38,832.29	1,864.99
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	30,231.60	1,864.99
11 14 13 16-0071		Anodized Aluminum *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,708.73	1,250.03
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,533.42	1,250.03
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	25,619.10	1,250.03
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	30,749.82	1,864.99
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	49,734.30	1,864.99
11 14 13 16-0077		Stainless Steel *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,886.14	1,250.03
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	25,557.80	1,250.03
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	40,540.17	1,864.99
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	46,911.98	1,864.99
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	52,174.93	1,864.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0083		**Transparent** *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	40,145.82	1,250.22
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	42,335.70	1,250.22
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	43,592.23	1,250.22
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	71,984.10	1,864.99
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	76,163.25	1,864.99
11 14 13 16-0089		**Electrical Options** *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	927.77	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	651.95	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	214.53	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	214.53	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	169.95	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	167.17	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	153.24	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	3,892.18	
11 14 13 16-0098		**Relocate Rotary Gate** *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,671.93	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		**Turnstiles** *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,415.21	352.51
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,199.70	352.51
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		**Retractable Barrier** *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	89.16	18.57
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	163.09	18.57
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	200.06	18.57
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	329.44	18.57

11 20 Commercial Equipment *(11)*

11 21 Retail and Service Equipment *(11 20)*

11 21 63		**Refrigerated Display Equipment** *(11 21)*		
11 21 63 00-0001		**Dairy Products** *(11 21 63)*		
11 21 63 00-0002		**Refrigerated Dairy Case** *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,872.99	315.35
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		**Refrigerated Milk Unit** *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	9,613.13	228.75
11 21 63 00-0006		**Refrigerated Ice Cream And Milk Dispenser** *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	10,658.97	251.21
11 21 63 00-0008		**Ice Cream Dispenser** *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	8,902.13	211.52
11 21 63 00-0010		**Drop-In Ice Cream Freezer** *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	2,220.01	52.64
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,901.04	68.83
11 21 63 00-0013		**Ice Cream Cabinets** *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	6,953.41	164.51
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	9,904.23	237.42
11 21 63 00-0016		**Delicatessen Case, Service Deli** *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	1,889.80	262.79
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	2,095.12	315.35
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	2,552.70	65.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0020		Meat Case *(11 21 63)*		
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,349.43	315.35
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,464.42	315.35
11 21 63 00-0023		Produce Case *(11 21 63)*		
11 21 63 00-0024	LF	Single Deck Produce Case	1,411.02	315.35
11 21 63 00-0025	LF	Multi-Deck Produce Case	1,562.68	315.35
11 21 63 00-0026		Bottle Coolers *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	5,294.60	1,051.17
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	7,925.77	1,576.74
11 21 63 00-0029		Cold Pan Units *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	3,558.89	83.77
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	4,944.21	117.19
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	5,845.95	138.61
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	6,009.51	143.21
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	6,541.14	154.59
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	7,772.56	182.69
11 21 63 00-0036		Cold Cabinets (Insulated) *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	3,232.65	72.49

11 22 Banking Equipment *(11 20)*

11 22 13 Vault Equipment *(11 22)*

11 22 13 16 Safes *(11 22 13)*

11 22 13 16-0001		In Room Safes *(11 22 13 16)*		
11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	756.19	9.32
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	707.33	9.32
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	736.65	9.32
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	824.59	9.32
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	853.91	9.32
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	883.23	9.32
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27) Note: Includes security wire.	558.44	11.65
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43) Note: Includes security wire.	577.98	11.65
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50) Note: Includes security wire.	597.53	11.65

11 30 Residential Equipment *(11)*

11 30 13 Residential Appliances *(11 30)*

11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001		Ranges With Ovens *(11 30 13 13)* Note: Free standing or slide in.		
11 30 13 13-0002		Electric Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0003	EA	20" Electric Range With Oven	839.02	82.55
		For Stainless Steel, Add	*168.48*	
11 30 13 13-0004	EA	24" Electric Range With Oven	877.64	82.55
		For Stainless Steel, Add	*178.14*	
11 30 13 13-0005	EA	30" Electric Range With Oven	853.02	82.55
		For Stainless Steel, Add	*192.62*	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW)	909.64	82.55
11 30 13 13-0007		Gas Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0008	EA	20" Gas Range With Oven	935.57	82.55
		For Stainless Steel, Add	*192.62*	
11 30 13 13-0009	EA	24" Gas Range With Oven	985.78	82.55
		For Stainless Steel, Add	*205.17*	
11 30 13 13-0010	EA	30" Gas Range With Oven	1,032.12	82.55
		For Stainless Steel, Add	*216.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0011		Range Hoods *(11 30 13 13)*		
11 30 13 13-0012		Venting Range Hoods *(11 30 13 13-0011)*		
11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	275.77	61.92
		For Stainless Steel, Add	*22.79*	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	253.20	61.92
		For Stainless Steel, Add	*19.41*	
11 30 13 13-0015	EA	30" Venting Range Hood (Broan 40000)	249.24	61.92
		For Stainless Steel, Add	*18.81*	
11 30 13 13-0016	EA	36" Venting Range Hood (Broan 40000)	253.20	61.92
		For Stainless Steel, Add	*19.41*	
11 30 13 13-0017		Non-Ducted Range Hoods *(11 30 13 13-0011)*		
11 30 13 13-0018	EA	21" Non Ducted Range Hood (Broan 41000)	278.69	61.92
		For Stainless Steel, Add	*23.23*	
11 30 13 13-0019	EA	24" Non Ducted Range Hood (Broan 41000)	256.19	61.92
		For Stainless Steel, Add	*19.86*	
11 30 13 13-0020	EA	30" Non Ducted Range Hood (Broan 41000)	252.21	61.92
		For Stainless Steel, Add	*19.26*	
11 30 13 13-0021	EA	36" Non Ducted Range Hood (Broan 41000)	256.19	61.92
		For Stainless Steel, Add	*19.86*	
11 30 13 13-0022		Microwaves *(11 30 13 13)*		
11 30 13 13-0023		Countertop Microwaves *(11 30 13 13-0022)*		
11 30 13 13-0024	EA	1.1 CF Countertop Microwave Oven	178.98	10.32
		For Stainless Steel, Add	*23.75*	
11 30 13 13-0025	EA	1.2 CF Countertop Microwave Oven	213.72	10.32
		For Stainless Steel, Add	*28.96*	
11 30 13 13-0026	EA	1.3 CF Countertop Microwave Oven	219.51	10.32
		For Stainless Steel, Add	*29.83*	
11 30 13 13-0027	EA	1.4 CF Countertop Microwave Oven	269.74	10.32
		For Stainless Steel, Add	*37.37*	
11 30 13 13-0028	EA	1.5 CF Countertop Microwave Oven	289.05	10.32
		For Stainless Steel, Add	*40.26*	
11 30 13 13-0029	EA	1.6 CF Countertop Microwave Oven	308.36	10.32
		For Stainless Steel, Add	*43.16*	
11 30 13 13-0030	EA	1.7 CF Countertop Microwave Oven	327.67	10.32
		For Stainless Steel, Add	*46.05*	
11 30 13 13-0031	EA	1.8 CF Countertop Microwave Oven	346.98	10.32
		For Stainless Steel, Add	*48.95*	
11 30 13 13-0032	EA	2.0 CF Countertop Microwave Oven	368.20	10.32
		For Stainless Steel, Add	*52.13*	
11 30 13 13-0033		Over-The-Range Microwaves *(11 30 13 13-0022)*		
11 30 13 13-0034	EA	1.5 CF Over-The Range Microwave	617.34	82.54
		For Stainless Steel, Add	*74.03*	
11 30 13 13-0035	EA	1.6 CF Over-The Range Microwave	701.17	82.54
		For Stainless Steel, Add	*86.61*	
11 30 13 13-0036	EA	1.7 CF Over-The Range Microwave	728.18	82.54
		For Stainless Steel, Add	*90.66*	
11 30 13 13-0037	EA	1.8 CF Over-The Range Microwave	930.94	82.54
		For Stainless Steel, Add	*121.07*	
11 30 13 13-0038	EA	2.0 CF Over-The Range Microwave	739.79	82.54
		For Stainless Steel, Add	*92.40*	
11 30 13 13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW)	457.26	61.91
11 30 13 13-0040		Trash Compactors *(11 30 13 13)*		
11 30 13 13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction	1,418.32	82.55
		For Stainless Steel, Add	*225.58*	
11 30 13 13-0042		Refrigerators *(11 30 13 13)*		
11 30 13 13-0043		Top Freezer Refrigerators *(11 30 13 13-0042)*		
11 30 13 13-0044	EA	Up To 10 CF Top Freezer Refrigerator	700.45	41.28
		For Stainless Steel, Add	*92.69*	
11 30 13 13-0045	EA	>10 To 12 CF Top Freezer Refrigerator	853.02	41.28
		For Stainless Steel, Add	*115.57*	
11 30 13 13-0046	EA	>12 To 14 CF Top Freezer Refrigerator	951.48	41.28
		For Stainless Steel, Add	*130.34*	
11 30 13 13-0047	EA	>14 To 16 CF Top Freezer Refrigerator	1,009.41	41.28
		For Stainless Steel, Add	*139.03*	
11 30 13 13-0048	EA	>16 To 18 CF Top Freezer Refrigerator	1,163.89	41.28
		For Stainless Steel, Add	*162.20*	
11 30 13 13-0049	EA	>18 To 20 CF Top Freezer Refrigerator	1,297.15	41.28
		For Stainless Steel, Add	*182.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0050	EA	>20 To 22 CF Top Freezer Refrigerator	1,395.61	41.28
		For Stainless Steel, Add	*196.96*	
11 30 13 13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW)	1,227.59	41.28
11 30 13 13-0052		**Side-By-Side Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0053	EA	Up To 22 CF Side-By-Side Refrigerator	1,434.02	41.28
		For Stainless Steel, Add	*202.72*	
11 30 13 13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator	1,781.81	41.28
		For Stainless Steel, Add	*254.89*	
11 30 13 13-0055	EA	>24 To 26 CF Side-By-Side Refrigerator	2,013.53	41.28
		For Stainless Steel, Add	*289.65*	
11 30 13 13-0056		**Other Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0057	EA	1.7 CF Dormitory Sized Refrigerator	230.71	20.64
		For Stainless Steel, Add	*28.41*	
11 30 13 13-0058	EA	4.4 CF Dormitory Sized Refrigerator	317.61	20.64
		For Stainless Steel, Add	*41.45*	
11 30 13 13-0059		**Freezers** *(11 30 13 13)*		
11 30 13 13-0060		**Upright Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0061	EA	Up To 10 CF Upright Freezer	659.92	41.28
		For Stainless Steel, Add	*86.61*	
11 30 13 13-0062	EA	>10 To 12 CF Upright Freezer	853.02	41.28
		For Stainless Steel, Add	*115.57*	
11 30 13 13-0063	EA	>12 To 14 CF Upright Freezer	910.95	41.28
		For Stainless Steel, Add	*124.26*	
11 30 13 13-0064	EA	>14 To 16 CF Upright Freezer	1,046.12	41.28
		For Stainless Steel, Add	*144.54*	
11 30 13 13-0065	EA	>16 To 18 CF Upright Freezer	1,202.51	41.28
		For Stainless Steel, Add	*167.99*	
11 30 13 13-0066	EA	>18 To 20 CF Upright Freezer	1,279.77	41.28
		For Stainless Steel, Add	*179.58*	
11 30 13 13-0067	EA	>20 To 22 CF Upright Freezer	1,337.68	41.28
		For Stainless Steel, Add	*188.27*	
11 30 13 13-0068		**Chest Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0069	EA	Up To 8 CF Chest Freezer	526.66	41.28
		For Stainless Steel, Add	*66.62*	
11 30 13 13-0070	EA	>8 To 10 CF Chest Freezer	661.83	41.28
		For Stainless Steel, Add	*86.89*	
11 30 13 13-0071	EA	>10 To 12 CF Chest Freezer	710.13	41.28
		For Stainless Steel, Add	*94.14*	
11 30 13 13-0072	EA	>12 To 14 CF Chest Freezer	797.00	41.28
		For Stainless Steel, Add	*107.17*	
11 30 13 13-0073	EA	>14 To 16 CF Chest Freezer	853.02	41.28
		For Stainless Steel, Add	*115.57*	
11 30 13 13-0074	EA	>16 To 18 CF Chest Freezer	1,046.12	41.28
		For Stainless Steel, Add	*144.54*	
11 30 13 13-0075	EA	>18 To 20 CF Chest Freezer	1,297.15	41.28
		For Stainless Steel, Add	*182.19*	
11 30 13 13-0076	EA	>20 To 22 CF Chest Freezer	1,337.68	41.28
		For Stainless Steel, Add	*188.27*	
11 30 13 13-0077		**Automatic Ice Makers** *(11 30 13 13)*		
11 30 13 13-0078	EA	15" Wide, 50 LB Per Day, Automatic Ice Maker	2,478.44	82.55
11 30 13 13-0079	EA	18" Wide, 50 LB Per Day, Automatic Ice Maker	2,768.09	82.55
11 30 13 13-0080		**Built-In Dishwashers** *(11 30 13 13)*		
11 30 13 13-0081	EA	18" Built-In Dishwasher	1,188.51	82.55
		For Stainless Steel, Add	*153.51*	
11 30 13 13-0082	EA	24" Built-In Dishwasher	783.00	82.55
		For Stainless Steel, Add	*92.69*	
11 30 13 13-0083		**Disposals** *(11 30 13 13)*		
11 30 13 13-0084	EA	1/3 HP Insulated Garbage Disposal (GE GFC320V)	257.06	61.92
11 30 13 13-0085	EA	1/2 HP Insulated Garbage Disposal (GE GFC520V)	295.68	61.92
11 30 13 13-0086	EA	3/4 HP Insulated Garbage Disposal (GE GFC720V)	392.23	61.92
11 30 13 13-0087	EA	1 HP Insulated Garbage Disposal (GE GFC1020V)	488.78	61.92
11 30 13 13-0088		**Removal And Reinstallation Of Kitchen Equipment** *(11 30 13 13)*		
		Note: Includes storage, cleaning and final connections.		
11 30 13 13-0089	EA	Removal And Reinstallation Of Garbage Disposal	123.82	
11 30 13 13-0090	EA	Removal And Reinstallation Of Stove/Range	247.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0091	EA	Removal And Reinstallation Of Dishwasher	264.16	
11 30 13 13-0092	EA	Removal And Reinstallation Of Range Hood	123.82	
11 30 13 13-0093	EA	Removal And Reinstallation Of Washer And Dryer	206.38	
11 30 13 13-0094		Appliance Repair *(11 30 13 13)*		
		Note: Includes removal.		
11 30 13 13-0095	EA	8" Burner Replacement	31.80	
11 30 13 13-0096	EA	4" Burner Element Replacement	56.41	
11 30 13 13-0097	EA	8" Burner Element Replacement	64.85	
11 30 13 13-0098	EA	Burner Manifold Replacement	216.80	
11 30 13 13-0099	EA	Burner Switch Replacement	89.27	
11 30 13 13-0100	EA	Burner Tube, 5/8" x 4' Replacement	41.18	
11 30 13 13-0101	EA	Oven Control Replacement	107.70	
11 30 13 13-0102	EA	Oven Door Gasket Replacement	42.53	
11 30 13 13-0103	EA	Oven Element Replacement	101.26	
11 30 13 13-0104	EA	Oven Igniter Replacement	73.05	
11 30 13 13-0105	EA	Oven Knobs Replacement	55.92	
11 30 13 13-0106		Accessories *(11 30 13 13)*		
11 30 13 13-0107	SF	Colored Metal Range Splash Plate	17.79	3.30
11 30 13 13-0108	SF	Stainless Steel Range Splash Plate	26.79	3.30
11 30 13 13-0109		Automatic Water Softener *(11 30 13 13)*		
11 30 13 13-0110	EA	30,000 Grain Capacity, Water Softener (Whirlpool WHES30)	1,232.75	193.53
11 30 13 13-0111	EA	40,000 Grain Capacity, Water Softener (Whirlpool WHES40)	1,469.95	193.53
11 30 13 23		**Residential Laundry Appliances** *(11 30 13)*		
11 30 13 23-0001		Washing Machines And Dryers *(11 30 13 23)*		
11 30 13 23-0002		Washing Machines *(11 30 13 23-0001)*		
11 30 13 23-0003	EA	Up To 3.5 CF, Top Load Washing Machine	915.51	82.55
11 30 13 23-0004	EA	>3.5 To 4 CF, Top Load Washing Machine	1,475.50	82.55
11 30 13 23-0005	EA	>4 To 5 CF, Top Load Washing Machine	1,958.25	82.55
11 30 13 23-0006		Dryers *(11 30 13 23-0001)*		
11 30 13 23-0007		Electric Dryers *(11 30 13 23-0006)*		
11 30 13 23-0008	EA	Up To 6 CF, Electric Dryer	701.19	82.55
11 30 13 23-0009	EA	>6 To 6.5 CF, Electric Dryer	896.20	82.55
11 30 13 23-0010	EA	>6.5 To 7 CF, Electric Dryer	1,108.61	82.55
11 30 13 23-0011	EA	>7 To 7.5 CF, Electric Dryer	1,263.09	82.55
11 30 13 23-0012		Gas Dryers *(11 30 13 23-0006)*		
11 30 13 23-0013	EA	Up To 6 CF, Gas Dryer	838.27	82.55
11 30 13 23-0014	EA	>6 To 6.5 CF, Gas Dryer	1,031.37	82.55
11 30 13 23-0015	EA	>6.5 To 7 CF, Gas Dryer	1,224.26	82.55
11 30 13 23-0016	EA	>7 To 7.5 CF, Gas Dryer	1,398.26	82.55
11 30 33		Retractable Stairs *(11 30)*		
11 30 33 00-0001		Disappearing Folding Access Stairs *(11 30 33)*		
11 30 33 00-0002		250 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0003	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	594.26	186.45
11 30 33 00-0004	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	604.90	186.45
11 30 33 00-0005	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	604.90	186.45
11 30 33 00-0006	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	615.28	186.45
11 30 33 00-0007		350 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0008	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	691.41	186.45
11 30 33 00-0009	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	712.93	186.45
11 30 33 00-0010	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	704.08	186.45
11 30 33 00-0011	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	724.64	186.45
11 30 33 00-0012	EA	30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	716.37	186.45
11 30 33 00-0013	EA	30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	751.91	186.45
11 30 33 00-0014		300 LB Capacity, Aluminum Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0015	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	685.65	186.45
11 30 33 00-0016	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	714.75	186.45
11 30 33 00-0017	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	693.75	186.45
11 30 33 00-0018	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	722.84	186.45

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0019	EA	25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	884.86	186.45
11 30 33 00-0020		300 LB Capacity, Steel Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0021	EA	22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity	716.61	186.45
11 30 33 00-0022	EA	22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity	753.10	186.45

11 32 Unit Kitchens *(11 30)*

11 32 13 Metal Unit Kitchens *(11 32)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001		30" Compact Kitchen *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,062.69	525.35
		For Gas Unit, Add	*204.33*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	1,713.84	367.74
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	1,557.28	315.21
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	485.50	139.76
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	955.42	186.35
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	65.10	16.51
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	59.40	16.51
11 32 13 00-0009		42" Compact Kitchen *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	2,384.70	577.89
		For Gas Unit, Add	*242.13*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,126.51	472.81
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	608.59	158.40
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,105.85	209.64
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	76.91	16.51
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	65.68	16.51
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,204.54	735.49
		For Gas Unit, Add	*333.58*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	750.31	93.17
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,229.68	232.94
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	88.86	16.51
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	68.81	16.51
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	3,378.26	788.02
		For Gas Unit, Add	*349.14*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	894.98	232.94
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	93.68	16.51
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	68.81	16.51
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,620.64	840.56
		For Gas Unit, Add	*374.99*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,091.13	279.53
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	108.66	20.64
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	72.56	20.64

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

11 41 13 Refrigerated Food Storage Cases *(11 41)*

11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,400.14	315.35
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	2,781.66	315.35
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,644.44	315.35
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	2,663.43	315.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	4,996.42	162.92
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	6,154.45	205.49
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	8,222.17	227.02
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	5,505.86	162.92
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,164.87	205.49
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	9,541.51	227.02
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,001.56	162.92
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	8,118.26	205.49
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	7,489.71	162.92
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	10,799.60	205.49
11 41 13 00-0018		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	5,619.72	163.12
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	7,451.67	205.19
11 41 23		**Walk-In-Coolers** *(11 41)*		
11 41 23 00-0001		Walk-In Refrigerated Boxes *(11 41 23)* Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.		
11 41 23 00-0002		Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)* Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,355.82	1,128.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,462.88*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,763.90	1,269.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,767.97*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,302.97	1,410.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,855.74*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,552.29	1,692.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,074.37*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,179.97	1,974.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,387.33*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,489.20	2,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,620.16*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,775.99	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-2,847.98*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,661.40	1,410.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,945.34*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,576.22	1,551.02
		For Refrigerated Boxes Without Floor, Deduct	*-2,127.19*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,946.10	1,833.02
		For Refrigerated Boxes Without Floor, Deduct	*-2,375.25*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,722.15	2,115.04
		For Refrigerated Boxes Without Floor, Deduct	*-2,725.53*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,112.40	2,397.04
		For Refrigerated Boxes Without Floor, Deduct	*-2,979.37*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,545.49	2,679.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,243.20*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,934.13	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-3,497.04*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,363.45	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-3,759.56*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,758.93	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,014.72*	
11 41 23 00-0019		Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)* Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,967.09	1,692.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,428.07*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,454.97	1,974.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,706.08*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,004.90	2,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,999.08*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,472.48	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,272.11*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,042.35	2,820.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,571.41*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,511.49	3,102.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,843.12*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,085.67	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,144.00*	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,546.40	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,415.45*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,120.29	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,714.76*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,591.21	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,987.78*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,351.82	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-5,287.35*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,992.47	5,076.07
		For Refrigerated Boxes Without Floor, Deduct	*-5,558.80*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,841.59	2,115.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,005.39*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,547.16	2,397.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,338.06*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,122.15	2,679.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,637.37*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,819.82	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-3,968.47*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,402.60	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,269.35*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,100.80	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,600.18*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,669.97	3,807.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,899.49*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,379.77	4,089.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,232.16*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,050.33	4,441.56
		For Refrigerated Boxes Without Floor, Deduct	*-5,531.47*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,938.09	4,864.57
		For Refrigerated Boxes Without Floor, Deduct	*-5,862.57*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,703.89	5,287.58
		For Refrigerated Boxes Without Floor, Deduct	*-6,163.45*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,585.16	5,710.58
		For Refrigerated Boxes Without Floor, Deduct	*-6,494.28*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,340.49	6,133.59
		For Refrigerated Boxes Without Floor, Deduct	*-6,793.59*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,491.27	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,026.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,382.77	2,820.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,406.52*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,425.83	3,102.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,821.71*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,316.39	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,201.68*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,345.77	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,615.29*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,248.65	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,996.85*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,281.92	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,410.46*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,364.17	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-6,790.43*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,579.78	5,076.07
		For Refrigerated Boxes Without Floor, Deduct	*-7,205.62*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,685.21	5,499.08
		For Refrigerated Boxes Without Floor, Deduct	*-7,585.34*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,888.75	5,922.09
		For Refrigerated Boxes Without Floor, Deduct	*-7,999.21*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,982.13	6,274.60
		For Refrigerated Boxes Without Floor, Deduct	*-8,380.50*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,352.60	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,851.66*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,528.21	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,300.75*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,634.24	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,733.54*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,808.84	3,807.05
		For Refrigerated Boxes Without Floor, Deduct	*-6,184.21*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,919.12	4,089.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,617.00*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,188.81	4,441.56
		For Refrigerated Boxes Without Floor, Deduct	*-7,066.09*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,489.66	4,864.57
		For Refrigerated Boxes Without Floor, Deduct	*-7,500.46*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,848.28	5,287.58
		For Refrigerated Boxes Without Floor, Deduct	*-7,949.55*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,137.39	5,710.58
		For Refrigerated Boxes Without Floor, Deduct	*-8,382.34*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,498.15	6,133.59
		For Refrigerated Boxes Without Floor, Deduct	*-8,833.00*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,307.19	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,699.38*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,536.28	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,162.92*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,879.58	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,654.58*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,107.30	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-7,116.80*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,641.53	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-7,609.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,045.29	5,076.07
		For Refrigerated Boxes Without Floor, Deduct	*-8,072.00*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,598.49	5,499.08
		For Refrigerated Boxes Without Floor, Deduct	*-8,563.66*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,000.69	5,922.09
		For Refrigerated Boxes Without Floor, Deduct	*-9,027.20*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,535.54	6,345.09
		For Refrigerated Boxes Without Floor, Deduct	*-9,518.85*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,120.11	6,862.10
		For Refrigerated Boxes Without Floor, Deduct	*-9,981.08*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,736.32	1,128.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,558.01*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,911.05	1,269.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,804.76*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,786.48	1,410.02
		For Refrigerated Boxes Without Floor, Deduct	*-1,976.61*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,107.28	1,692.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,213.11*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,766.49	1,974.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,533.96*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,147.19	2,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,784.65*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,465.52	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,020.37*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,184.85	1,410.02
		For Refrigerated Boxes Without Floor, Deduct	*-2,076.21*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,131.20	1,551.02
		For Refrigerated Boxes Without Floor, Deduct	*-2,265.93*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,572.56	1,833.02
		For Refrigerated Boxes Without Floor, Deduct	*-2,531.86*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,380.15	2,115.04
		For Refrigerated Boxes Without Floor, Deduct	*-2,890.03*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,841.87	2,397.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,161.74*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,306.49	2,679.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,433.45*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,766.61	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-3,705.16*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,227.46	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-3,975.56*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,694.42	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,248.59*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,553.61	1,692.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,574.70*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,112.97	1,974.03
		For Refrigerated Boxes Without Floor, Deduct	*-2,870.58*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,694.43	2,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-3,171.46*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,233.49	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,462.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,834.88	2,820.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,769.54*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,375.51	3,102.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,059.13*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,981.22	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,367.89*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,513.42	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,657.21*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,118.84	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-4,964.39*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,661.24	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,255.29*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,453.39	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-5,562.74*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,165.51	5,005.58
		For Refrigerated Boxes Without Floor, Deduct	*-5,852.06*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,571.06	2,115.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,187.76*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,308.16	2,397.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,528.31*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,954.63	2,679.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,845.49*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,683.84	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,184.47*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,338.09	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,503.22*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,067.82	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-4,841.94*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,708.46	3,807.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,159.11*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,449.80	4,089.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,499.67*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,191.83	4,441.56
		For Refrigerated Boxes Without Floor, Deduct	*-5,816.84*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,111.13	4,864.57
		For Refrigerated Boxes Without Floor, Deduct	*-6,155.83*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,948.40	5,287.58
		For Refrigerated Boxes Without Floor, Deduct	*-6,474.58*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,861.21	5,710.58
		For Refrigerated Boxes Without Floor, Deduct	*-6,813.30*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,688.01	6,133.59
		For Refrigerated Boxes Without Floor, Deduct	*-7,130.47*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,283.81	2,538.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,224.94*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,246.79	2,820.04
		For Refrigerated Boxes Without Floor, Deduct	*-4,622.52*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,321.37	3,102.04
		For Refrigerated Boxes Without Floor, Deduct	*-5,045.59*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,283.41	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,443.44*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,344.32	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,864.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,318.68	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,264.35*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,383.48	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,685.85*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,537.21	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-7,083.69*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,784.35	5,076.07
		For Refrigerated Boxes Without Floor, Deduct	*-7,506.77*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,961.26	5,499.08
		For Refrigerated Boxes Without Floor, Deduct	*-7,904.35*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,196.33	5,922.09
		For Refrigerated Boxes Without Floor, Deduct	*-8,326.11*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,361.19	6,345.09
		For Refrigerated Boxes Without Floor, Deduct	*-8,725.27*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,288.09	2,961.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,085.53*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,495.23	3,243.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,542.50*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,672.74	3,525.05
		For Refrigerated Boxes Without Floor, Deduct	*-5,993.17*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,878.87	3,807.05
		For Refrigerated Boxes Without Floor, Deduct	*-6,451.71*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,060.63	4,089.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,902.38*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,361.85	4,441.56
		For Refrigerated Boxes Without Floor, Deduct	*-7,359.35*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,734.18	4,864.57
		For Refrigerated Boxes Without Floor, Deduct	*-7,811.59*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,124.33	5,287.58
		For Refrigerated Boxes Without Floor, Deduct	*-8,268.56*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,484.91	5,710.58
		For Refrigerated Boxes Without Floor, Deduct	*-8,719.22*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,877.21	6,133.59
		For Refrigerated Boxes Without Floor, Deduct	*-9,177.77*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,305.75	3,384.06
		For Refrigerated Boxes Without Floor, Deduct	*-5,949.02*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,606.31	3,666.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,430.43*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,981.14	3,948.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,929.97*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,280.34	4,230.06
		For Refrigerated Boxes Without Floor, Deduct	*-7,410.06*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,846.11	4,653.07
		For Refrigerated Boxes Without Floor, Deduct	*-7,910.92*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,321.33	5,076.07
		For Refrigerated Boxes Without Floor, Deduct	*-8,391.01*	
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,906.07	5,499.08
		For Refrigerated Boxes Without Floor, Deduct	*-8,890.55*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,379.75	5,922.09
		For Refrigerated Boxes Without Floor, Deduct	*-9,371.96*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	47,946.13	6,345.09
		For Refrigerated Boxes Without Floor, Deduct	*-9,871.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,602.18	6,862.10
		For Refrigerated Boxes Without Floor, Deduct	*-10,351.60*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.45
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	0.83
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.16
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	8.20
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	10.72
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	1.32
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	3.25
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	4.20
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	4.41
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.92
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.47
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.42
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.63
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	18.24

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,478.27	145.15
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,723.56	169.34
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,443.27	193.53
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,867.56	217.72
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,463.11	241.91
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,256.89	290.29
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,880.21	338.67
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,590.04	387.05

11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,451.10	193.53
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,867.56	217.72
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,533.60	241.91
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,172.97	290.29
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,880.21	338.67
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,492.70	387.05

11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0190 208/230 Volt, 1 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,663.74	145.15
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,034.99	169.34
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,653.00	193.53
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,850.24	217.72
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,207.31	241.91
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,933.04	290.29
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,924.51	338.67
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,482.09	387.05

11 41 23 00-0199 208/230 Volt, 3 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,622.05	193.53
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,862.78	217.72
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,272.55	241.91
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,871.14	290.29
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,943.75	338.67
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,405.13	387.05

11 41 23 00-0206 Low Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0207 208/230 Volt, 1 Phase *(11 41 23 00-0206)*

Note: Pre-Assembled indoor R404a.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,094.77	145.15
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,276.29	169.34
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,521.59	193.53
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,892.18	217.72
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,408.29	241.91
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,564.58	290.29
11 41 23 00-0214		208/230 Volt, 3 Phase *(11 41 23 00-0206)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,529.42	193.53
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,892.18	217.72
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,481.02	241.91
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,484.02	290.29
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,312.00	145.15
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,379.61	169.34
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,618.70	193.53
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,007.49	217.72
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,464.10	241.91
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,153.03	290.29
11 41 23 00-0227		208/230 Volt, 3 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,770.10	193.53
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,081.94	217.72
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,524.33	241.91
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,091.96	290.29
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase *(11 41 23 00-0232)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,782.29	193.53
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,261.93	387.05
11 41 23 00-0236		208/230 Volt, 3 Phase *(11 41 23 00-0232)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,786.76	193.53
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,016.12	241.91
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,012.69	290.29
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	13,079.55	387.05
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase *(11 41 23 00-0241)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,842.04	193.53
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,930.81	387.05
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,850.40	193.53
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,728.42	241.91
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,234.14	290.29
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,785.70	387.05

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0250			Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251			208/230 Volt, 1 Phase *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,926.36	169.34
11 41 23 00-0253	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,326.07	193.53
11 41 23 00-0254	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,427.28	217.72
11 41 23 00-0255	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,609.13	241.91
11 41 23 00-0256	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,891.01	290.29
11 41 23 00-0257			208/230 Volt, 3 Phase *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,895.03	169.34
11 41 23 00-0259	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,321.59	193.53
11 41 23 00-0260	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,384.76	217.72
11 41 23 00-0261	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,535.28	241.91
11 41 23 00-0262	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,498.28	290.29
11 41 23 00-0263	EA		4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	14,707.06	338.67
11 41 23 00-0264	EA		6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	15,478.90	435.44
11 41 23 00-0265	EA		7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	22,361.99	508.01
11 41 23 00-0266			Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267			208/230 Volt, 1 Phase *(11 41 23 00-0266)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,970.15	169.34
11 41 23 00-0269	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,213.42	193.53
11 41 23 00-0270	EA		1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,064.78	217.72
11 41 23 00-0271	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,966.38	241.91
11 41 23 00-0272	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,724.30	290.29
11 41 23 00-0273			208/230 Volt, 3 Phase *(11 41 23 00-0266)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,896.54	169.34
11 41 23 00-0275	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,216.77	193.53
11 41 23 00-0276	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,052.23	217.72
11 41 23 00-0277	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,904.49	241.91
11 41 23 00-0278	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,459.15	290.29
11 41 23 00-0279	EA		4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	12,316.76	338.67
11 41 23 00-0280	EA		6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,016.20	435.44
11 41 23 00-0281	EA		7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	18,295.59	508.01
11 41 23 00-0282			Walk-In Refrigerated Boxes Accessories *(11 41 23)*		
11 41 23 00-0283			Accessories *(11 41 23 00-0282)*		
11 41 23 00-0284	EA		Super Door Package, For 36" Or 42" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	608.82	
11 41 23 00-0285	EA		Super Door Package, For 48" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	807.48	
11 41 23 00-0286	EA		Super Door Package, For 60" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	807.48	
11 41 23 00-0287	EA		14" x 24" Observation Window, Heated	897.81	
11 41 23 00-0288	EA		Heated Air Vent, Kason	345.98	
11 41 23 00-0289	EA		Heated Air Vent, Bally Polyvinyl Chloride (PVC)	771.68	
11 41 23 00-0290	EA		Interior Ramps For 36" Or 42" Wide Doors	1,092.55	
11 41 23 00-0291	EA		Interior Ramps For 48" Wide Doors	1,192.41	
11 41 23 00-0292	EA		Interior Ramps For 60" Wide Doors	1,308.03	
11 41 23 00-0293	EA		Exterior Ramps For 36" Or 42" Wide Doors	455.58	
11 41 23 00-0294	EA		Exterior Ramps For 48" Wide Doors	817.16	
11 41 23 00-0295	EA		Exterior Ramps For 60" Wide Doors	817.16	
11 41 23 00-0296	EA		Field Installed Extra Vapor-Proof Lights	115.70	
11 41 23 00-0297	EA		Field Installed Fluorescent Lights, 48", 2 Tubes	490.94	
11 41 23 00-0298	EA		Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,069.05	
11 41 23 00-0299	EA		Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,122.66	
11 41 23 00-0300	EA		Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	543.50	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	313.31	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	355.35	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	355.35	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	620.23	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	758.98	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,222.89	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	1,290.16	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	1,325.90	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	57.81	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	47.30	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	146.10	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	78.88	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	191.68	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	141.22	
11 41 23 00-0315	EA	4" Screed Door	390.12	
11 41 23 00-0316	EA	Doors Cut For Tile	465.80	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	465.80	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	1,021.84	
11 41 23 00-0319	EA	57-1/2" Door Section	309.19	
11 41 23 00-0320	EA	3 Way, Interior And Exterior, Light Switches	255.50	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	130.10	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	230.95	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	289.82	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	31.23	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	39.90	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	56.98	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	89.82	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	17.21	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	6.49	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	18.39	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	37.51	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	28.38	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	96.89	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	24.18	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	5.78	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	30.04	
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	60.31	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	73.04	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	244.67	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	220.49	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	694.54	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	81.75	
11 41 23 00-0343	LF	Extra Capillary Tubing	9.47	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,486.33	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*119.62*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,707.56	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*130.44*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,785.83	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*134.12*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,011.28	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*145.16*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,950.80	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*141.90*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,170.97	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*152.67*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,238.74	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*155.83*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,551.42	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*171.23*	
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,415.28	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*164.18*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,636.51	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*175.01*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,720.04	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*178.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,942.31	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*189.83*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,537.85	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*219.37*	
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,711.26	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*130.86*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,898.86	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*140.01*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,990.80	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*144.37*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,240.42	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*156.62*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,167.33	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*152.73*	
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,415.88	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*164.92*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,508.88	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*169.33*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,757.43	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*181.53*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,684.36	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*177.64*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,932.92	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*189.83*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,025.91	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*194.25*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,274.46	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*206.44*	
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,201.37	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*202.55*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,043.75	
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,140.45	
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,149.91	
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,271.84	
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,395.87	
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,484.17	
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,489.42	
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,733.28	
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	1,419.00	
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	1,757.46	
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	1,876.23	
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	1,916.17	
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	2,161.08	
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	2,398.63	
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	2,442.78	
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	2,605.70	
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	1,120.48	
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,180.40	
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,587.18	
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,361.19	
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	1,511.50	
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,581.92	
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,587.18	
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,889.90	

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	394.24	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	415.76	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	462.50	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	488.23	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	531.26	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	453.60	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	465.66	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	513.45	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	537.07	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	612.69	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	494.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	500.84	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	569.66	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	574.36	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	660.49	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	339.58	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	356.90	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	391.03	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	399.93	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	455.58	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	373.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	400.49	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	424.11	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	430.91	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	506.53	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	409.95	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	426.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	457.19	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	474.50	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	552.22	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,794.07	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,001.95	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,041.69	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,081.42	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,518.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,882.85	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,999.65	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,214.54	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,303.32	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,817.18	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,034.68	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,221.55	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,436.44	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,525.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,207.23	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	465.10	
		For Cantilever Shelving, Add	*472.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	501.34	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	542.82	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	581.16	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	630.51	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	548.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	562.80	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	620.05	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	649.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	741.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	597.48	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	616.90	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	681.51	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	696.73	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	798.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	398.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	419.35	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	460.84	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	470.79	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	538.01	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	449.83	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	480.81	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	546.47	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	542.76	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	606.82	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	493.42	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	512.84	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	551.17	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	570.60	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	666.18	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,190.02	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,448.70	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,497.19	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,545.68	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,089.32	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,299.81	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,444.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,712.08	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,821.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,461.85	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,488.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,720.84	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,988.28	
		For Cantilever Shelving, Add	*472.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,098.08	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,948.24	
		For Cantilever Shelving, Add	*472.00*	

11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

11 41 31 00-0001 Wall Cabinets *(11 41 31)*

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,238.51	72.77
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,953.68	96.06
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,390.23	110.13
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	2,169.77	70.25

11 41 31 00-0006 Mobile Sheet Pan Truck *(11 41 31)*

11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	209.75	6.58

11 41 31 00-0008 Pot And Utensil Rack *(11 41 31)*

11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	611.86	20.06
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	709.17	22.67
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	843.09	27.16
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	458.50	14.83

11 41 31 00-0013 Tray And Silverware Cart *(11 41 31)*

11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	2,116.42	67.69

11 41 31 00-0015 Flat Top Utility Units *(11 41 31)*

11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,442.98	46.27
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,933.70	61.84

11 41 33 Foodservice Shelving *(11 41)*

11 41 33 00-0001 Shelving/Racks *(11 41 33)*

11 41 33 00-0002 Chrome Shelving Units *(11 41 33 00-0001)*

11 41 33 00-0003 54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	342.81	33.26
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	362.65	33.53
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	387.29	33.80
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	402.44	34.09
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	431.73	34.36
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	456.47	34.63
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	476.30	34.91
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	520.77	35.46
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	376.90	33.53
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	392.04	33.80
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	407.22	34.09
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	450.86	34.36
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	480.26	34.63
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	519.12	34.91
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	534.18	35.18
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	588.31	35.73
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	396.83	33.80
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	430.91	34.09
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	455.64	34.36
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	484.95	34.63
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	504.87	34.91
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	553.31	35.18
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	577.92	35.46
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	641.50	36.00
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	440.57	34.09
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	460.43	34.36
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	475.48	34.63
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	514.44	34.91
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	539.06	35.18
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	587.48	35.46
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	621.57	35.73
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	704.25	36.28
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	593.75	34.36
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	670.63	34.63
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	719.15	34.91
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	829.51	35.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	658.87	35.46
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	731.19	35.73
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	822.35	36.00
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	969.90	36.55
11 41 33 00-0044		63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	347.50	33.26
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	367.34	33.53
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	391.95	33.80
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	407.12	34.09
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	436.42	34.36
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	461.14	34.63
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	480.99	34.91
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	525.43	35.46
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	381.56	33.53
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	396.73	33.80
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	411.91	34.09
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	455.52	34.36
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	484.95	34.63
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	523.78	34.91
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	538.86	35.18
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	546.72	35.73
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	401.51	33.80
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	435.60	34.09
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	460.31	34.36
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	489.61	34.63
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	509.56	34.91
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	557.97	35.18
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	582.60	35.46
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	646.19	36.00
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	445.26	34.09
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	465.09	34.36
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	480.17	34.63
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	519.12	34.91
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	543.74	35.18
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	592.14	35.46
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	626.23	35.73
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	708.93	36.28
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	598.41	34.36
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	675.32	34.63
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	723.81	34.91
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	834.17	35.18
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	663.54	35.46
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	735.86	35.73
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	827.09	36.00
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	974.56	36.55
11 41 33 00-0085		66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	349.94	33.26
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	369.78	33.53
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	394.39	33.80
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	409.56	34.09
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	438.86	34.36
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	463.58	34.63
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	483.43	34.91
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	527.87	35.46
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	384.03	33.53
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	399.17	33.80
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	414.35	34.09
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	457.99	34.36
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	487.39	34.63
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	526.22	34.91
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	541.30	35.18
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	595.44	35.73
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	403.95	33.80
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	438.04	34.09
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	462.75	34.36
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	492.05	34.63
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	512.00	34.91
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	560.41	35.18
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	585.04	35.46
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	648.63	36.00
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	447.70	34.09
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	467.53	34.36
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	482.61	34.63
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	521.56	34.91
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	546.18	35.18
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	594.61	35.46
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	628.67	35.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	711.37	36.28
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	600.85	34.36
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	677.75	34.63
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	726.28	34.91
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	836.61	35.18
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	665.98	35.46
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	738.30	35.73
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	829.50	36.00
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	977.00	36.55
11 41 33 00-0126		74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	357.04	33.26
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	376.90	33.53
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	401.51	33.80
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	416.69	34.09
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	445.98	34.36
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	470.70	34.63
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	490.55	34.91
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	535.00	35.46
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	391.13	33.53
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	406.29	33.80
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	421.47	34.09
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	465.09	34.36
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	494.49	34.63
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	533.35	34.91
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	548.43	35.18
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	602.54	35.73
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	411.08	33.80
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	445.16	34.09
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	469.87	34.36
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	499.18	34.63
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	519.12	34.91
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	567.53	35.18
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	592.14	35.46
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	655.75	36.00
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	454.82	34.09
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	474.65	34.36
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	489.73	34.63
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	528.66	34.91
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	553.31	35.18
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	601.71	35.46
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	635.79	35.73
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	718.50	36.28
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	607.97	34.36
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	684.88	34.63
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	733.38	34.91
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	843.74	35.18
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	673.10	35.46
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	745.42	35.73
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	836.65	36.00
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	984.12	36.55
11 41 33 00-0167		86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	376.07	33.26
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	395.91	33.53
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	420.52	33.80
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	435.70	34.09
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	464.99	34.36
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	489.73	34.63
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	509.56	34.91
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	554.03	35.46
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	410.16	33.53
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	425.30	33.80
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	440.48	34.09
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	484.12	34.36
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	513.52	34.63
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.38	34.91
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	567.44	35.18
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	621.57	35.73
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	430.08	33.80
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	464.17	34.09
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	488.90	34.36
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	518.18	34.63
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	538.13	34.91
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	586.56	35.18
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	611.17	35.46
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	674.76	36.00
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	473.83	34.09
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	493.66	34.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	508.74	34.63
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	547.70	34.91
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	572.31	35.18
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	620.74	35.46
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	654.80	35.73
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	737.51	36.28
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	626.98	34.36
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	703.89	34.63
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	752.41	34.91
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	862.74	35.18
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	692.11	35.46
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	764.43	35.73
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	855.68	36.00
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	1,003.13	36.55
11 41 33 00-0208		96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	446.31	33.26
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	470.90	33.53
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	501.48	33.80
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	520.23	34.09
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	556.65	34.36
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	587.35	34.63
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	611.94	34.91
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	667.11	35.46
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	488.70	33.53
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	507.44	33.80
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	526.19	34.09
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	580.53	34.36
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.09	34.63
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	665.46	34.91
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	684.07	35.18
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	751.31	35.73
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	513.43	33.80
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	555.83	34.09
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	586.52	34.36
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	622.93	34.63
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	647.66	34.91
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	707.98	35.18
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	738.55	35.46
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	817.62	36.00
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	567.90	34.09
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	592.49	34.36
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	611.12	34.63
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	659.62	34.91
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	690.18	35.18
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	750.48	35.46
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	792.88	35.73
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	895.85	36.28
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	759.14	34.36
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	855.05	34.63
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	915.48	34.91
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,053.23	35.18
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	839.72	35.46
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	929.92	35.73
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,043.75	36.00
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,227.67	36.55
11 41 33 00-0249		Galvanized Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0250		54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	376.75	33.26
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	396.96	33.53
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	422.12	33.80
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	442.34	34.09
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	472.35	34.36
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	497.41	34.63
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	522.56	34.91
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	562.99	35.46
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	411.51	33.53
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	426.98	33.80
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	456.89	34.09
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	491.74	34.36
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	521.74	34.63
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	561.34	34.91
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	591.36	35.18
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	636.81	35.73
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	431.81	33.80
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	471.53	34.09
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	496.58	34.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	526.60	34.63
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	546.81	34.91
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	601.06	35.18
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	626.21	35.46
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	700.68	36.00
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	481.23	34.09
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	501.43	34.36
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	516.91	34.63
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	556.50	34.91
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	601.06	35.18
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	650.44	35.46
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	690.15	35.73
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	779.25	36.28
11 41 33 00-0283		63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	386.44	33.26
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	406.66	33.53
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	431.81	33.80
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	452.03	34.09
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	482.05	34.36
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	507.10	34.63
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	532.26	34.91
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	572.68	35.46
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	421.21	33.53
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	436.67	33.80
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	466.58	34.09
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	501.43	34.36
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	531.44	34.63
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	571.03	34.91
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	601.06	35.18
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	646.43	35.73
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	441.51	33.80
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	481.23	34.09
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	506.27	34.36
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	536.29	34.63
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	556.50	34.91
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	610.75	35.18
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	635.91	35.46
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	710.37	36.00
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	490.92	34.09
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	511.13	34.36
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	526.60	34.63
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	566.20	34.91
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	610.75	35.18
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	660.13	35.46
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	699.85	35.73
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	788.95	36.28
11 41 33 00-0316		74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	396.13	33.26
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	416.35	33.53
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	441.51	33.80
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	461.72	34.09
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	491.74	34.36
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	516.79	34.63
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	541.95	34.91
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	582.37	35.46
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	430.90	33.53
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	446.37	33.80
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	476.28	34.09
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	511.13	34.36
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	541.13	34.63
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	580.72	34.91
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	610.75	35.18
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	656.12	35.73
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	451.20	33.80
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	490.92	34.09
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	515.96	34.36
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	545.99	34.63
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	566.20	34.91
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	620.44	35.18
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	645.60	35.46
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	720.07	36.00
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	500.61	34.09
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	520.82	34.36
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	536.29	34.63
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	575.89	34.91
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	620.44	35.18
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	669.82	35.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	709.54	35.73
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	798.64	36.28
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	420.47	33.26
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	440.69	33.53
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	465.84	33.80
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	486.06	34.09
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	516.08	34.36
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	541.13	34.63
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	566.29	34.91
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	606.71	35.46
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	455.24	33.53
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	470.70	33.80
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	500.61	34.09
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	535.46	34.36
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	565.47	34.63
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	605.06	34.91
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	635.09	35.18
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	680.46	35.73
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	475.54	33.80
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	515.26	34.09
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	540.30	34.36
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	570.33	34.63
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	590.53	34.91
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	644.78	35.18
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	669.94	35.46
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	744.40	36.00
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	524.95	34.09
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	545.16	34.36
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	560.63	34.63
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	600.23	34.91
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	644.78	35.18
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	694.16	35.46
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	733.88	35.73
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	822.98	36.28
11 41 33 00-0382		**54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	733.76	34.09
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	808.31	34.63
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	907.10	35.18
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	967.03	35.73
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	803.38	34.63
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	931.35	35.18
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,030.14	35.73
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,177.49	36.28
11 41 33 00-0391		**63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	743.46	34.09
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	818.03	34.63
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	916.80	35.18
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	976.72	35.73
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	813.08	34.63
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	941.04	35.18
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,039.84	35.73
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,187.19	36.28
11 41 33 00-0400		**74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	753.15	34.09
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	827.72	34.63
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	926.51	35.18
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	986.42	35.73
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	822.77	34.63
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	950.74	35.18
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,049.53	35.73
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,196.90	36.28
11 41 33 00-0409		**86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	777.49	34.09
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	852.04	34.63
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	950.83	35.18
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,010.76	35.73
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	847.11	34.63
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	975.07	35.18
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,073.87	35.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,221.22	36.28
11 41 33 00-0418		Stainless Steel Shelving Unit *(11 41 33 00-0001)*		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	824.74	34.09
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	962.76	34.63
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,137.25	35.18
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,320.00	35.73
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	974.34	34.63
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,132.70	35.18
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,340.33	35.73
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,614.66	36.28
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	853.76	34.09
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	991.78	34.63
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,170.39	35.18
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,349.00	35.73
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,003.36	34.63
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,161.70	35.18
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,369.33	35.73
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,643.67	36.28
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	882.76	34.09
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,020.79	34.63
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,199.40	35.18
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,378.02	35.73
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,032.37	34.63
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,190.72	35.18
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,398.35	35.73
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,672.68	36.28
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,574.11	34.09
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,743.15	34.63
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,967.75	35.18
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,103.18	35.73
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,891.41	34.63
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,233.07	35.18
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,482.10	35.73
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,854.80	36.28
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,622.67	34.09
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,794.66	34.63
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,023.24	35.18
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,160.97	35.73
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,939.99	34.63
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,281.63	35.18
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,533.40	35.73
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,910.29	36.28
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,671.25	34.09
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,842.30	34.63
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,069.68	35.18
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,206.77	35.73
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,988.55	34.63
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,330.21	35.18
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,580.42	35.73
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,954.86	36.28
11 41 33 00-0473		Galvanized Steel Dunnage Rack *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	244.80	24.51
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	258.11	25.19
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	273.29	25.88
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	301.59	26.56
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	326.14	27.24
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	263.54	24.51
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	288.09	25.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	303.27	25.88
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	329.70	26.56
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	359.87	27.24
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	663.85	25.88
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	833.30	26.56
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,411.21	27.24
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	726.51	25.88
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	905.86	26.56
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,539.28	27.24
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	1,805.49	41.27
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	3,750.73	41.27

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	10,616.70	220.16
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	12,270.33	244.63
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	15,242.81	352.26
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	17,034.30	440.33
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 LB	2,689.48	195.70
11 42 13 00-0008	EA	Choppers, 16 LB	3,944.02	254.41
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	7,602.28	313.11
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	6,305.05	278.19
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	7,148.07	278.19
11 42 13 00-0012		**Stand Model Mixer** *(11 42 13)*		
11 42 13 00-0013	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10)	1,255.65	74.17
11 42 13 00-0014	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,572.47	74.17
11 42 13 00-0015	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,221.11	74.17
11 42 13 00-0016	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1)	8,992.86	92.96
11 42 13 00-0017		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0018	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30)	3,315.00	74.17
11 42 13 00-0019	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40)	4,598.78	82.43
11 42 13 00-0020	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60)	7,946.00	92.72
11 42 13 00-0021	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1)	17,107.62	92.96
11 42 13 00-0022	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1)	21,006.42	95.40
11 42 13 00-0023	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	26,757.74	97.85
11 42 13 00-0024	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1)	39,518.84	122.31
11 42 13 00-0025	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	50,621.11	156.56
11 42 13 00-0026		**Slicers** *(11 42 13)*		
11 42 13 00-0027	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312)	701.13	23.18
11 42 13 00-0028	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512)	1,027.22	23.18
11 42 13 00-0029	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN)	1,485.57	23.18
11 42 13 00-0030	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A)	2,533.21	23.18
11 42 13 00-0031	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A)	2,795.12	23.18
11 42 13 00-0032	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11)	6,319.18	23.18
11 42 13 00-0033		**Peelers** *(11 42 13)*		
11 42 13 00-0034	EA	22 Lb, 120 Voltage, Potato Peeler (Sammic PI-10)	3,534.96	159.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0035	EA	44 Lb, 120 Voltage, Potato Peeler (Sammic PI-20)	4,081.74	185.43
11 42 13 00-0036	EA	66 Lb, 120 Voltage, Potato Peeler (Sammic PI-30)	6,336.96	212.04
11 42 13 00-0037	EA	20 Lb, 115 Voltage, Potato Peeler (Hobart 6115)	5,656.14	159.00
11 42 13 00-0038	EA	40 Lb, 115 Voltage, Potato Peeler (Hobart 6430-1)	11,472.41	185.43
11 42 13 00-0039	EA	60 Lb, 115 Voltage, Potato Peeler (Hobart 6460-1)	12,219.14	212.04
11 42 13 00-0040		Proof Boxes *(11 42 13)*		
11 42 13 00-0041	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	3,193.90	67.69
11 42 13 00-0042	EA	30-1/2" x 45", Stainless Steel Proof Box	5,344.27	113.44
11 42 13 00-0043	EA	30-1/2" x 45", Galvanized Proof Box	3,282.17	51.50
11 42 13 00-0044		Non-Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0045	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	2,018.79	64.86
11 42 13 00-0046	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	2,165.65	69.35
11 42 13 00-0047	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	2,005.09	64.34
11 42 13 00-0048	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	2,125.12	68.21
11 42 13 00-0049		Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0050	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	3,276.02	106.60
11 42 13 00-0051	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	3,423.47	111.43
11 42 13 00-0052		Pass-Thru Hot Food Holding Cabinet *(11 42 13)*		
11 42 13 00-0053	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	6,967.63	205.49
11 42 13 00-0054	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	7,413.80	205.49
11 42 13 00-0055	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	9,469.74	215.26
11 42 13 00-0056	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	10,381.15	215.26
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		Tables *(11 42 16)*		
11 42 16 00-0002		Baker's Table *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	823.31	47.52
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,615.88	93.17
11 42 16 00-0005	EA	10' Undershelf Baker's Table	1,993.75	114.98
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,138.37	123.46
11 42 16 00-0007	EA	10' Bins Baker's Table	3,146.11	181.69
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	4,940.28	285.21
11 42 16 00-0009		Preparation Table, Stainless Steel, With Undershelf *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf	1,168.44	25.06
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf	1,257.98	30.09
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf	1,903.31	40.91
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	1,230.30	26.36
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	1,581.28	33.91
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	1,358.32	29.17
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	1,634.97	35.12
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	330.29	7.08
11 42 16 00-0019		Mobile Tables *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,147.96	22.45
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,694.66	26.93
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,407.90	30.28
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,514.48	54.04
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,039.57	43.79
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	169.29	3.64
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	247.70	5.31
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	4,985.61	106.02
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	9,918.46	211.52
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	279.47	22.94
11 42 16 00-0032		Table With Sink *(11 42 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0033	LF	Table With Sink	348.46	40.36

11 42 23 Food Preparation Scullery Sinks *(11 42)*

11 42 23 00-0001 Stainless Steel Scullery Sinks *(11 42 23)*

Note: Excludes faucet. See CSI section 22 42 39 00-0071 for service sink faucets.

11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	2,275.52	169.34
		For Additional Drain Board, Add	*208.20*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	3,217.64	193.53
		For Additional Drain Board, Add	*297.57*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	4,262.97	193.53
		For Additional Drain Board, Add	*397.27*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	6,092.40	193.53
		For Additional Drain Board, Add	*570.53*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	3,773.39	193.53

11 44 Food Cooking Equipment *(11 40)*

11 44 13 Commercial Ranges *(11 44)*

11 44 13 00-0001 Range *(11 44 13)*

11 44 13 00-0002	EA	Heavy Duty Range, With 34" Open Top Oven	2,449.89	97.85
11 44 13 00-0003	EA	Range With Fry Top	2,449.89	97.85
11 44 13 00-0004	EA	Steel Finish Fry Top	5,200.90	127.33
11 44 13 00-0005	EA	Stainless Top Only Fry Top	5,198.56	125.87
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	6,007.10	146.55
11 44 13 00-0007	EA	Gas Range, Vulcan #260L	5,421.58	130.57
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	13,988.14	82.55

11 44 16 Commercial Ovens *(11 44)*

11 44 16 00-0001 Bake Oven *(11 44 16)*

11 44 16 00-0002	EA	55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	17,564.37	332.87
11 44 16 00-0003	EA	55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	17,564.37	332.87
11 44 16 00-0004	EA	74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	23,811.35	332.87
11 44 16 00-0005	EA	74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	23,811.35	332.87
11 44 16 00-0006	EA	55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	34,005.38	380.43
11 44 16 00-0007	EA	55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	34,005.38	380.43

11 44 16 00-0008 Rapid-Cook Countertop Bake Ovens *(11 44 16)*

11 44 16 00-0009	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	9,727.28	20.64
11 44 16 00-0010	EA	800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	5,768.83	20.64
11 44 16 00-0011	EA	4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	4,542.08	20.64
11 44 16 00-0012	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	6,929.83	20.64
11 44 16 00-0013	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	7,212.75	20.64
11 44 16 00-0014	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	7,212.75	20.64
11 44 16 00-0015	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	7,212.75	20.64
11 44 16 00-0016	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	7,212.75	20.64
11 44 16 00-0017	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	7,212.75	20.64
11 44 16 00-0018	EA	1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	13,426.31	20.64
11 44 16 00-0019	EA	6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	12,447.26	20.64
11 44 16 00-0020	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	6,644.57	20.64
11 44 16 00-0021	EA	3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	5,429.56	20.64
11 44 16 00-0022	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	5,905.00	20.64
11 44 16 00-0023	EA	6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	14,130.66	20.64
11 44 16 00-0024	EA	5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	12,613.95	20.64
11 44 16 00-0025	EA	1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	8,819.84	20.64
11 44 16 00-0026	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,759.24	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0027	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,759.24	20.64
11 44 16 00-0028	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	18,416.64	20.64
11 44 16 00-0029	EA	11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	18,416.64	20.64
11 44 16 00-0030	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	9,761.33	20.64
11 44 16 00-0031	EA	5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	9,727.28	20.64
11 44 16 00-0032	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	11,867.34	20.64
11 44 16 00-0033	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	10,336.55	20.64
11 44 16 00-0034	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	11,550.38	20.64
11 44 16 00-0035	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	12,112.69	20.64
11 44 16 00-0036	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	10,723.94	20.64
11 44 16 00-0037	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	13,038.91	20.64
11 44 16 00-0038	EA	6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	13,620.00	20.64
11 44 16 00-0039	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	10,289.59	20.64
11 44 16 00-0040	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	9,878.72	20.64
11 44 16 00-0041	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	9,878.72	20.64
11 44 16 00-0042	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	10,406.98	20.64
11 44 16 00-0043	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	10,406.98	20.64
11 44 16 00-0044	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	11,309.73	20.64
11 44 16 00-0045	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	15,155.49	20.64
11 44 16 00-0046	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	15,155.49	20.64
11 44 16 00-0047	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,789.41	20.64
11 44 16 00-0048	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,789.41	20.64
11 44 16 00-0049	EA	10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	14,205.79	20.64
11 44 16 00-0050	EA	5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	10,676.99	20.64

11 44 16 00-0051 Combination Ovens *(11 44 16)*

Note: Convection, steam and combination modes.

11 44 16 00-0052	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	22,558.85	171.23
11 44 16 00-0053	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	37,010.47	195.70
11 44 16 00-0054	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	30,574.04	195.70
11 44 16 00-0055	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	73,792.40	244.63
11 44 16 00-0056	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	56,020.89	244.63

11 44 16 00-0057 Countertop Electric Convection Type Ovens *(11 44 16)*

11 44 16 00-0058	EA	1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	291.37	10.32
11 44 16 00-0059	EA	1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	475.35	10.32
11 44 16 00-0060	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28)	561.03	10.32
11 44 16 00-0061	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32)	723.47	10.32
11 44 16 00-0062	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,319.10	10.32
11 44 16 00-0063	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,535.69	10.32
11 44 16 00-0064	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	258.88	10.32
11 44 16 00-0065	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H)	432.15	10.32
11 44 16 00-0066	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17)	1,242.26	10.32
11 44 16 00-0067	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	1,129.74	10.32
11 44 16 00-0068	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,537.64	10.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0069	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	2,496.37	10.32
11 44 16 00-0070		**Electric Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0071	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100)	3,544.36	41.28
11 44 16 00-0072	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK)	7,030.00	82.55
11 44 16 00-0073	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK)	7,030.00	82.55
11 44 16 00-0074	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK)	7,030.00	82.55
11 44 16 00-0075	EA	22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK)	7,030.00	82.55
11 44 16 00-0076	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3)	11,594.05	82.55
11 44 16 00-0077	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3)	5,797.02	41.28
11 44 16 00-0078	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	5,797.02	41.28
11 44 16 00-0079	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3)	6,361.69	41.28
11 44 16 00-0080	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	5,797.02	41.28
11 44 16 00-0081	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	5,797.02	41.28
11 44 16 00-0082	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3)	12,723.39	82.55
11 44 16 00-0083	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E)	5,413.05	41.28
11 44 16 00-0084	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	10,826.09	82.55
11 44 16 00-0085	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	11,594.05	82.55
11 44 16 00-0086	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	14,664.13	82.55
11 44 16 00-0087		**Natural Gas Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0088	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N)	3,906.50	41.28
11 44 16 00-0089	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N)	7,748.13	82.55
11 44 16 00-0090	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT)	13,355.15	82.55
11 44 16 00-0091	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD)	12,789.62	82.55
11 44 16 00-0092	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	11,941.33	82.55
11 44 16 00-0093	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K)	6,677.57	41.28
11 44 16 00-0094	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G)	6,760.12	82.55
11 44 16 00-0095	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S)	18,659.44	82.55
11 44 16 00-0096	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	5,970.67	41.28
11 44 16 00-0097	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES)	16,365.74	82.55
11 44 16 00-0098	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20)	24,316.36	82.55
11 44 16 00-0099	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS)	18,659.44	82.55
11 44 16 00-0100	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G)	15,284.59	82.55
11 44 16 00-0101	EA	90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES)	13,604.64	82.55
11 44 16 00-0102	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN)	6,394.81	41.28
11 44 16 00-0103		**Broiler, Without Oven** *(11 44 16)*		
11 44 16 00-0104	EA	69" x 26" x 39" Broiler Without Oven	6,791.56	156.56
11 44 16 00-0105	EA	Conveyor Broiler	6,041.62	181.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0106		Oven Stands *(11 44 16)*		
11 44 16 00-0107	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	1,794.68	
11 44 16 00-0108		Triple Conveyor Oven *(11 44 16)*		
11 44 16 00-0109	EA	30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	49,397.87	165.10
11 44 16 00-0110	EA	30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	49,397.87	165.10
11 44 16 00-0111	EA	22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	100,827.39	165.10
11 44 16 00-0112	EA	22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	91,310.03	165.10
11 44 16 00-0113	EA	22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	91,310.03	165.10
11 44 16 00-0114	EA	330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	100,827.39	165.10
11 44 16 00-0115	EA	330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	100,827.39	165.10
11 44 19		**Commercial Cooking Equipment** *(11 44)*		
11 44 19 00-0001		Drop-In Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep, Drop-In Electric Griddle	3,958.99	134.55
11 44 19 00-0003	EA	36" Wide x 24" Deep, Drop-In Electric Griddle	5,630.78	134.55
11 44 19 00-0004	EA	48" Wide x 24" Deep, Drop-In Electric Griddle	6,444.71	146.78
11 44 19 00-0005	EA	60" Wide x 24" Deep, Drop-In Electric Griddle	7,711.83	146.78
11 44 19 00-0006	EA	72" Wide x 24" Deep, Drop-In Electric Griddle	9,884.43	159.00
11 44 19 00-0007		Countertop Griddle *(11 44 19)*		
11 44 19 00-0008	EA	16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N)	495.03	121.07
11 44 19 00-0009	EA	24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N)	627.03	121.07
11 44 19 00-0010	EA	30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N)	704.03	121.07
11 44 19 00-0011	EA	36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N)	900.94	121.07
11 44 19 00-0012	EA	24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	982.89	121.07
11 44 19 00-0013	EA	36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,276.92	121.07
11 44 19 00-0014		Panini Sandwich Grill *(11 44 19)*		
11 44 19 00-0015	EA	3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	563.65	82.55
11 44 19 00-0016	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	432.97	82.55
11 44 19 00-0017	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	432.97	82.55
11 44 19 00-0018	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	432.97	82.55
11 44 19 00-0019	EA	2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	882.32	82.55
11 44 19 00-0020		Electric Countertop Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0021	EA	30 LB Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202))	862.96	82.55
11 44 19 00-0022	EA	30 LB Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	1,886.66	82.55
11 44 19 00-0023	EA	30 LB Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	7,002.02	82.55
11 44 19 00-0024		Electric Floor Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0025	EA	50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	6,249.34	195.70
11 44 19 00-0026	EA	50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	6,559.82	195.70
11 44 19 00-0027	EA	85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	20,959.19	254.41
11 44 19 00-0028	EA	85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	21,468.69	254.41
11 44 19 00-0029		Kettles, Steam Jacketed *(11 44 19)*		
11 44 19 00-0030	EA	5 Gallon Kettle, With Stand	3,761.87	78.34
11 44 19 00-0031	EA	20 Gallon Kettle With Steam Jacket	14,484.81	104.45
11 44 19 00-0032	EA	40 Gallon Kettle With Steam Jacket	14,972.18	114.90
11 44 19 00-0033	EA	60 Gallon Kettle With Steam Jacket	18,129.75	125.34
11 44 19 00-0034		Steamers, Electric *(11 44 19)*		
11 44 19 00-0035		Cooking Equipment/ Steamers *(11 44 19 00-0034)*		
11 44 19 00-0036	EA	3 Pan, Electric Countertop Convection Steamer	8,581.57	205.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0037	EA	5 Pan, Electric Countertop Convection Steamer	11,305.21	215.26
11 44 19 00-0038	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	7,939.38	205.49
11 44 19 00-0039	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	11,582.50	215.26
11 44 19 00-0040		**Braising Pans** *(11 44 19)*		
11 44 19 00-0041	EA	24" x 24", 240 Volt, Tilting Braising Pan	8,031.97	182.07
11 44 19 00-0042	EA	24" x 31", 240 Volt, Tilting Braising Pan	8,475.85	191.46
11 44 19 00-0043	EA	24" x 41", 240 Volt, Tilting Braising Pan	9,027.43	203.89
11 44 19 00-0044	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	10,470.65	237.42
11 44 19 00-0045	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	10,827.25	244.74
11 44 19 00-0046	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	11,248.05	251.21
11 44 19 00-0047		**Toasters** *(11 44 19)*		
11 44 19 00-0048	EA	Bun Toaster 3.2 KW	1,587.64	36.34
11 44 19 00-0049	EA	Bun Toaster 4.3 KW	1,732.70	39.60
11 44 19 00-0050	EA	Pop-Up Toaster, 2 Slot	558.75	105.97
11 44 19 00-0051	EA	Conveyor Toaster	959.81	159.00
11 44 19 00-0052		**Microwave Ovens** *(11 44 19)*		
11 44 19 00-0053	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD)	202.41	10.32
11 44 19 00-0054	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB)	222.60	10.32
11 44 19 00-0055	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS)	289.93	10.32
11 44 19 00-0056	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D)	370.72	10.32
11 44 19 00-0057	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T)	464.97	10.32
11 44 19 00-0058	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS)	289.93	10.32
11 44 19 00-0059	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS)	339.08	10.32
11 44 19 00-0060	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE)	602.33	10.32
11 44 19 00-0061	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS)	735.64	10.32
11 44 19 00-0062	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy Duty Commercial Microwave With Push Button Controls (Amana HDC12A2)	1,547.58	10.32
11 44 19 00-0063	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830)	424.32	10.32
11 44 19 00-0064	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819)	579.51	10.32
11 44 19 00-0065	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90)	444.79	10.32
11 44 19 00-0066	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F)	390.93	10.32
11 44 19 00-0067	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F)	759.87	10.32
11 44 19 00-0068	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025)	350.54	10.32
11 44 19 00-0069	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T)	732.94	10.32
11 44 19 00-0070	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy Duty Stainless Steel Microwave (Solwave MWHD12)	813.73	10.32
11 44 19 00-0071	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523)	1,367.15	10.32
11 44 19 00-0072	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521)	1,268.85	10.32
11 44 19 00-0073	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS)	1,493.72	10.32
11 44 19 00-0074	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commerical Microwave With LCD Display (Panasonic NE-17521)	1,399.47	10.32
11 44 19 00-0075	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523)	1,571.82	10.32
11 44 19 00-0076	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180)	4,243.97	10.32
11 44 19 00-0077	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280)	5,625.49	10.32
11 44 19 00-0078	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS)	1,753.60	10.32
11 44 19 00-0079	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy Duty, 2 Pan Programmable Microwave (Amana AMSO22)	5,474.01	10.32
11 44 19 00-0080	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana AOC24)	3,377.49	10.32
11 44 19 00-0081	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy Duty Microwave (Solwave MWHD18)	907.99	10.32
11 44 19 00-0082	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T)	961.85	10.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0083	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21)	1,029.18	10.32
11 44 19 00-0084	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC17S2)	2,480.71	10.32
11 44 19 00-0085	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commerical Microwave With Push Button Controls (Solwave MW1800T)	827.20	10.32
11 44 19 00-0086	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana HDC182)	1,814.19	10.32
11 44 19 00-0087	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815)	1,826.31	10.32
11 44 19 00-0088	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120)	1,703.78	10.32
11 44 19 00-0089	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave (Amana HDC212)	1,899.02	10.32
11 44 19 00-0090	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Panasonic NE-21521)	1,717.24	10.32
11 44 19 00-0091	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC22S2)	3,098.76	10.32
11 44 19 00-0092	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC30S2)	4,068.25	10.32
11 44 19 00-0093		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0094	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	6,617.81	149.27
11 44 19 00-0095	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	6,617.81	149.27
11 44 19 00-0096	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	8,225.24	186.35
11 44 19 00-0097		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0098	EA	2 Burners Gas Countertop Hot Plate	843.71	19.01
11 46		**Food Dispensing Equipment** *(11 40)*		
11 46 13		**Bar Equipment** *(11 46)*		
11 46 13 00-0001		**Soft Serve Machines** *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	12,005.50	115.66
11 46 13 00-0003	EA	Soft Serve Machines, Large	20,249.54	141.30
11 46 13 00-0004		**Salad Bars** *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	13,534.84	404.76
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	12,402.42	404.76
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	8,743.70	222.38
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	6,912.64	182.69
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	10,505.04	268.03
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	11,592.29	237.42
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,507.63	40.21
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,604.44	40.21
11 46 16		**Service Line Equipment** *(11 46)*		
11 46 16 00-0001		**Food Warmer Holding Station** *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	586.61	13.41
11 46 16 00-0003		**Reach-In Food Warmers** *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,262.33	28.88
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	2,888.76	66.15
11 46 16 00-0006		**Countertop Food Warmer** *(11 46 16)*		
11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	170.68	23.18
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	147.92	23.18
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	481.53	23.18
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3)	328.34	23.18
11 46 16 00-0011		**Hot Cabinets With Top Wells Electric** *(11 46 16)*		
11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	6,766.91	149.27
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	9,668.17	213.92
11 46 16 00-0014		**Portable Hot Food Units** *(11 46 16)*		
11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	4,957.84	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	5,676.95	
11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	6,416.52	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0018		**Stationary Hot Food Units** *(11 46 16)*		
11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,501.26	30.40
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,014.58	34.99
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,508.78	44.81
11 46 16 00-0022		**Serving Counters** *(11 46 16)*		
11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	111.41	39.92
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	143.44	61.15
11 46 16 00-0025		**Drop-In Equipment** *(11 46 16)*		
11 46 16 00-0026	EA	Hot Food Well, Rectangular	530.08	127.20
11 46 16 00-0027	EA	Hot Food Well, Circular	487.01	127.20
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	1,852.73	127.20
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,104.77	141.30
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	2,391.26	159.00
11 46 16 00-0031	EA	Frost Cold Plate	2,027.17	141.30
11 46 16 00-0032		**Beverage Dispensing** *(11 46 16)*		
11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	3,271.96	187.65
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	4,660.43	262.67
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	1,344.41	187.65
11 46 16 00-0036	EA	Hot Chocolate Dispenser	1,310.50	154.56
11 46 16 00-0037	EA	Iced Tea Brewer	1,924.30	154.56
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	1,426.33	282.40
11 46 16 00-0039	EA	Jet Spray Dispenser	2,019.10	282.69
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	1,692.06	159.00
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	2,305.87	159.00
11 46 16 00-0042		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	1,807.37	23.18
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	674.92	29.47
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,148.10	91.62
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	418.17	20.64
11 46 16 00-0047		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	2,638.62	20.64
11 46 16 00-0049		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0050	EA	Butter Pat Dispenser	152.81	25.83
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	434.95	25.83
11 46 16 00-0052		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	3,294.93	107.06
11 46 16 00-0054		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	7,563.74	240.68
11 46 16 00-0056		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0057	EA	6' Open Service Stand	2,929.03	93.49
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	400.71	12.64
11 46 16 00-0059		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	2,557.95	89.41
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	4,204.85	134.02
11 46 16 00-0062		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	5,171.97	163.12
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	7,452.90	205.19
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	5,414.26	163.12
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	7,805.02	205.19
11 46 16 00-0067		**Mobile Heated Cabinets** *(11 46 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0068	EA	Mobile, Heated Cabinet	5,810.45	51.59
11 46 16 00-0069		**Smoothie Machine** *(11 46 16)*		
11 46 16 00-0070	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	353.58	23.18
11 46 16 00-0071	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T)	309.22	23.18
11 46 16 00-0072	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	376.34	23.18
11 46 16 00-0073	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	387.72	23.18
11 46 16 00-0074	EA	Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64)	201.98	23.18
11 46 16 00-0075		**Refrigerated Buffet Display Table** *(11 46 16)*		
11 46 16 00-0076	EA	35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N)	3,155.88	23.18
11 46 16 00-0077	EA	47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N)	4,182.90	23.18
11 46 16 00-0078	EA	59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N)	4,833.50	23.18
11 46 16 00-0079	EA	71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N)	5,661.70	23.18
11 46 16 00-0080		**Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0081	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW)	2,431.39	20.64
11 46 16 00-0082	EA	26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB)	2,790.07	20.64
11 46 16 00-0083	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW)	2,795.93	23.61
11 46 16 00-0084	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB)	3,035.05	23.61
11 46 16 00-0085	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW)	3,035.05	23.61
11 46 16 00-0086	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB)	3,893.70	23.61
11 46 16 00-0087	EA	26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW)	3,893.70	23.61
11 46 16 00-0088	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW)	4,903.20	27.48
11 46 16 00-0089	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN)	6,236.80	27.48
11 46 16 00-0090	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN)	4,903.20	27.48
11 46 16 00-0091	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW)	6,236.80	27.48
11 46 16 00-0092	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW)	5,194.71	27.48
11 46 16 00-0093	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F)	5,194.71	27.48
11 46 16 00-0094	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN)	5,194.71	27.48
11 46 16 00-0095	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN)	5,521.98	27.48
11 46 16 00-0096	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW)	7,025.81	27.48
11 46 16 00-0097	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW)	5,521.98	27.48
11 46 16 00-0098	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD)	6,615.67	27.48
11 46 16 00-0099	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN)	7,025.81	27.48
11 46 16 00-0100	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW)	7,443.47	27.48
11 46 16 00-0101	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW)	5,850.02	27.48
11 46 16 00-0102	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD)	7,008.86	27.48
11 46 16 00-0103	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN)	7,443.47	27.48
11 46 16 00-0104	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN)	5,850.02	27.48
11 46 16 00-0105	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW)	7,702.20	27.48
11 46 16 00-0106	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD)	7,252.52	27.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0107	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN)	7,702.20	27.48
11 46 16 00-0108	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN)	7,702.20	27.48
11 46 16 00-0109	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD)	7,684.13	27.48
11 46 16 00-0110	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB)	2,450.12	30.04
11 46 16 00-0111	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW)	8,165.87	30.04
11 46 16 00-0112	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW)	6,417.63	30.04
11 46 16 00-0113	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW)	6,608.52	27.48
11 46 16 00-0114	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN)	2,826.32	30.04
11 46 16 00-0115	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN)	8,435.52	30.04
11 46 16 00-0116	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN)	8,435.52	30.04
11 46 16 00-0117	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN)	8,435.52	30.04
11 46 16 00-0118	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN)	6,490.00	30.04
11 46 16 00-0119	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN)	10,159.67	30.04
11 46 16 00-0120	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN)	10,159.67	30.04
11 46 16 00-0121	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN)	10,159.67	30.04
11 46 16 00-0122	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN)	7,462.55	30.04
11 46 16 00-0123	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN)	10,319.72	30.04
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN)	14,059.78	30.04
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN)	14,059.78	30.04
11 46 16 00-0126	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN)	10,789.74	33.01
11 46 16 00-0127		Dry Bakery Display Case *(11 46 16)*		
11 46 16 00-0128	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B)	2,009.09	20.64
11 46 16 00-0129	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W)	2,009.09	20.64
11 46 16 00-0130	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B)	2,227.86	20.64
11 46 16 00-0131	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W)	2,227.86	20.64
11 46 16 00-0132	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B)	2,561.87	23.61
11 46 16 00-0133	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W)	3,054.10	23.61
11 46 16 00-0134	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B)	2,988.47	23.61
11 46 16 00-0135	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W)	2,988.47	23.61
11 46 16 00-0136	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN)	6,276.21	27.48
11 46 16 00-0137	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW)	12,497.37	27.48
11 46 16 00-0138	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN)	8,020.87	33.01
11 46 16 00-0139	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD)	6,084.87	30.04
11 46 16 00-0140	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD)	6,084.87	30.04
11 46 16 00-0141	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD)	6,084.87	30.04
11 46 16 00-0142	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD)	6,084.87	30.04
11 46 16 00-0143	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD)	6,329.34	30.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0144	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD)	6,329.34	30.04
11 46 16 00-0145	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD)	6,842.92	33.01
11 46 16 00-0146	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD)	6,842.92	33.01
11 46 16 00-0147		Dual Dry/Refrigerated Bakery Display Case *(11 46 16)*		
11 46 16 00-0148	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON)	15,263.36	30.04
11 46 16 00-0149	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN)	15,263.36	30.04
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN)	15,263.36	30.04
11 46 16 00-0151	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN)	15,269.39	33.01
11 46 16 00-0152	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN)	15,673.32	33.01
11 46 16 00-0153		Refrigerated Deli Case *(11 46 16)*		
11 46 16 00-0154	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN)	10,986.87	110.04
11 46 16 00-0155	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN)	10,986.87	110.04
11 46 16 00-0156	EA	30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN)	12,598.39	110.04
11 46 16 00-0157	EA	30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN)	12,598.39	110.04
11 46 16 00-0158	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB)	2,550.82	66.04
11 46 16 00-0159	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS)	2,779.57	66.04
11 46 16 00-0160	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahreheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW)	2,550.82	66.04
11 46 16 00-0161	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB)	2,884.82	82.55
11 46 16 00-0162	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS)	3,137.65	82.55
11 46 16 00-0163	EA	32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW)	3,373.31	110.04
11 46 16 00-0164	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB)	3,373.31	110.04
11 46 16 00-0165	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS)	3,818.77	110.04
11 46 16 00-0166	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW)	2,939.88	110.04
11 46 16 00-0167	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB)	3,686.33	110.04
11 46 16 00-0168	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW)	3,686.33	110.04
11 46 16 00-0169	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS)	4,059.56	110.04
11 46 19		**Soda Fountain Equipment** *(11 46)*		
11 46 19 00-0001		Carbonated Beverage Dispensing *(11 46 19)*		
11 46 19 00-0002	EA	Carbonated Beverage Dispenser	3,614.21	397.56
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 LB Ice	5,739.33	454.31
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 LB Ice	10,558.75	636.02
11 46 19 00-0005		Beverage Chilling Systems *(11 46 19)*		
11 46 19 00-0006	EA	Beverage Chiller, Small	7,969.98	322.51
11 46 19 00-0007	EA	Beverage Chiller, Large	14,950.67	483.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Undercounter Ice Machines With Bin *(11 46 83)*

11 46 83 00-0002	EA	53 LB/Day, Air Cooled Undercounter Octagonal Cube Ice Machine Wiith 25 LB Capacity Bin (Manitowoc SM-50A 115/60/1)	2,400.11	20.64
11 46 83 00-0003	EA	85 LB/Day, Air Cooled Undercounter Pearl/Nugget Ice Machine With 22 LB Capacity Bin (Ice-O-Matic GEMU090)	3,841.31	171.23
11 46 83 00-0004	EA	137 LB/Day, Air Cooled Undercounter Half Dice Cube Ice Machine With 90 LB Capacity Bin (Manitowoc UYF0140A)	2,921.80	171.23
11 46 83 00-0005	EA	100 LB/Day, Undercounter, Air Cooled Ice Machine With 57 LB Capacity Bin (Scotsman CU0920MA)	2,851.59	171.23
11 46 83 00-0006	EA	227 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2024SA)	3,071.80	183.47
11 46 83 00-0007	EA	282 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2724SA)	3,438.52	183.47

11 46 83 00-0008 Ice Cube Maker *(11 46 83)*

11 46 83 00-0009	EA	320 LB/Day, Modular Ice Maker Without Bin	3,796.71	183.47
11 46 83 00-0010	EA	451 LB/Day, Modular Ice Maker Without Bin	4,126.26	195.70
11 46 83 00-0011	EA	600 LB/Day, Modular Ice Maker Without Bin	4,727.63	195.70
11 46 83 00-0012	EA	901 LB/Day, Modular Ice Maker Without Bin	6,768.23	207.93
11 46 83 00-0013	EA	1301 LB/Day, Modular Ice Maker Without Bin	7,693.73	207.93
11 46 83 00-0014	EA	1601 LB/Day, Modular Ice Maker Without Bin	9,266.79	220.16
11 46 83 00-0015	EA	1900 LB/Day, Modular Ice Maker Without Bin	10,239.71	220.16

11 46 83 00-0016 Ice Flakers *(11 46 83)*

11 46 83 00-0017	EA	300 LB/Day, Ice Flakers	5,982.40	525.58
11 46 83 00-0018	EA	600 LB/Day, Ice Flakers	10,855.37	840.93
11 46 83 00-0019	EA	1,000 LB/Day, Ice Flakers	13,399.11	1,156.28
11 46 83 00-0020	EA	2,000 LB/Day, Ice Flakers	16,398.22	1,261.40

11 46 83 00-0021 Ice Storage Bins *(11 46 83)*

11 46 83 00-0022	EA	260 LB Capacity, Stainless Steel Ice Storage Bin	1,505.23	123.82
11 46 83 00-0023	EA	360 LB Capacity, Stainless Steel Ice Storage Bin	1,652.22	123.82
11 46 83 00-0024	EA	550 LB Capacity, Stainless Steel Ice Storage Bin	2,064.82	134.14
11 46 83 00-0025	EA	660 LB Capacity, Stainless Steel Ice Storage Bin	2,228.15	134.14
11 46 83 00-0026	EA	1150 LB Capacity, Stainless Steel Ice Storage Bin	4,290.34	144.46

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001 Rack Type Dishwasher *(11 48 13)*

11 48 13 00-0002	EA	Dishwasher, 1 Tank And 190 Racks/Hour	10,415.44	210.14
11 48 13 00-0003	EA	Dishwasher, 2 Tanks And 234 Racks/Hour	17,945.23	551.62
11 48 13 00-0004	EA	Dishwasher, 2 Tanks And 265 Racks/Hour	21,548.09	630.42
11 48 13 00-0005	EA	Dishwasher, Automatic - 100 Meals/Hour	16,783.69	157.61
11 48 13 00-0006	EA	Dishwasher, Machine Rack	19,587.55	437.82
11 48 13 00-0007	EA	Dishwasher, Hobart LX30-H	5,211.13	183.88

11 48 13 00-0008 Exhaust Hood Dishwasher *(11 48 13)*

11 48 13 00-0009	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,052.84	195.21
11 48 13 00-0010	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	3,518.73	234.25

11 48 13 00-0011 Dish Tables *(11 48 13)*

11 48 13 00-0012	LF	Clean/Soiled Dish Table, Basic	246.17	40.36
11 48 13 00-0013	LF	Clean/Soiled Dish Table With Trough	386.53	60.48
11 48 13 00-0014	LF	Clean/Soiled Dish Table, Maximum	469.30	80.60

11 48 13 00-0015 Sprays And Hoses *(11 48 13)*

11 48 13 00-0016 Sprays, Fillers *(11 48 13 00-0015)*

11 48 13 00-0017	EA	Pre-Rinse Spray	422.41	76.57
11 48 13 00-0018	EA	Kettle Fillers	368.57	76.57

11 48 13 00-0019 Hoses *(11 48 13 00-0015)*

11 48 13 00-0020	EA	Hose Reel	506.89	91.92
11 48 13 00-0021	EA	Wash-Down Hose	399.21	91.92
11 48 13 00-0022	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,243.13	

11 48 16 Foodservice Disposal Equipment *(11 48)*

11 48 16 00-0001 Garbage Disposals *(11 48 16)*

Note: Manual switch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,468.59	141.84
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,855.62	147.10
11 48 16 00-0004	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,992.86	152.35
11 48 16 00-0005	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,609.58	157.61
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,846.02	173.37
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,018.56	189.13
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,802.84	210.14
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	6,691.85	225.90
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	8,817.72	236.40
11 48 16 00-0011		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	5,840.04	218.86

11 50 Educational and Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001 Screens *(11 52 13 13)*

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*

11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	316.94	65.26
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	376.59	83.90
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	473.52	116.53
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	547.16	139.83
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	849.10	209.75
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,003.79	233.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	727.91	149.16
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	829.51	186.45
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	452.99	79.24
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	626.32	111.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	681.30	125.85
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	726.96	135.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	836.94	163.14
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	689.67	116.53
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	781.00	135.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*

11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	754.86	83.90
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	878.80	116.53
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,016.74	158.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,173.33	209.75
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,290.73	214.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,382.05	233.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,409.07	233.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,518.09	247.04
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	1,627.13	261.02
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	1,745.46	279.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	1,961.62	279.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,256.14	372.89
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,419.18	116.53
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,584.14	158.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,740.73	209.75
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,831.11	214.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,949.45	233.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,976.47	233.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,085.49	247.04
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,131.16	256.36
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,393.92	279.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,637.09	279.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,985.66	372.89
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,287.99	104.87
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,336.09	116.53
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,429.83	139.83
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,782.94	209.75
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,851.78	214.41
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,025.47	233.05
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,087.47	233.05
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,239.13	249.37
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,428.61	261.02
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,547.73	279.67
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,659.33	279.67
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,039.22	372.89

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	5,149.86	279.67
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	5,552.46	372.89
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,888.55	419.50
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,251.96	466.11
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,708.60	559.33
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	8,612.38	605.95
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,435.13	652.55
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,975.51	652.55
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,729.35	745.78
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,963.33	605.95
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,513.19	745.78
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,969.83	839.00
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,596.94	652.55
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,671.73	839.00

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,800.28	104.87
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,904.64	116.53
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,005.29	139.83
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,334.26	209.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,397.61	214.41
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,597.02	233.05
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,759.13	233.05
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,872.81	249.37
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,031.22	261.02
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,176.58	279.67
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,230.62	279.67
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,687.26	372.89
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,166.17	396.20
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,482.97	419.50
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,170.61	466.11
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,492.16	559.33

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,978.90	104.87
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,063.34	128.18
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,110.96	139.83
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,329.15	209.75
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,362.79	214.41
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,502.75	233.05
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,645.95	233.05
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,870.40	249.37
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,931.55	261.02
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,085.01	279.67
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,070.16	326.28
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,541.65	372.89
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,933.81	396.20
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,237.10	419.50
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,830.17	466.11
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,130.10	559.33
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,858.26	605.95
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,402.69	652.55
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,797.17	652.55
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	10,826.61	745.78
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,110.96	139.83
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,282.54	186.45
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,353.47	209.75
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,958.57	261.02
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,294.41	326.28
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,558.92	419.50
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,950.72	512.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	12,278.88	699.17
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,296.05	186.45
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,393.99	209.75
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,500.32	223.74
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,561.93	242.38
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,828.88	261.02
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,191.74	326.28
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,485.97	419.50
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,488.39	512.72
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,093.32	605.95
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,532.39	104.87
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,615.21	116.53
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,706.47	139.83
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,000.06	209.75
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,058.98	214.41
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,202.91	233.05
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,369.07	233.05
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,508.33	249.37
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,611.01	261.02
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,774.77	279.67
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,945.89	279.67
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,276.18	372.89
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)* Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,297.73	233.05
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,147.48	279.67
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,264.44	419.50
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	19,218.70	559.33
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	21,296.47	652.55
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,054.26	233.05
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,255.26	279.67
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,077.99	326.28
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,939.03	419.50
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)* Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,262.36	233.05
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,364.07	256.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,149.25	279.67
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,154.84	302.97
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,362.05	12,035.78
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,721.40	372.89
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,612.98	419.50
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,825.78	466.11
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	26,662.27	512.72
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	35,723.84	559.33
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	62.62	6.99
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	89.64	7.46
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	105.85	8.39
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	669.04	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	966.25	
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,242.34	46.61
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,443.44	46.61
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	1,917.45	46.61
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,037.84	46.61
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,540.58	46.61
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	4,502.97	46.61
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,174.67	46.61
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	9,731.46	46.61
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	14,457.22	46.61
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	251.44	51.25
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	429.76	51.25
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)* Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	89.00	23.29
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	125.59	23.29
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	179.76	23.29
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	220.98	23.29
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	340.00	23.29
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	766.64	23.29
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	56.87	6.98
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	74.92	6.98
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	81.70	6.98
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	86.21	6.98
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	102.15	9.32
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	124.72	9.32
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	160.83	9.32
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	185.66	9.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	217.41	11.65
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	249.01	11.65
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	276.25	13.98
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	289.80	13.98
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)*		
		Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	118.09	11.65
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	185.81	11.65
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	190.32	11.65
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	197.09	11.65
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	213.05	13.98
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	224.34	13.98
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	249.17	13.98
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	271.74	13.98
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	301.22	16.31
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	323.79	16.31
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	353.28	18.63
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	369.08	18.63
11 52 33		**Interactive Displays** *(11 52)*		
11 52 33 00-0001		Television Monitors And Panels *(11 52 33)*		
		Note: Excludes wall or ceiling mounts See CSI section 11 52 33 00-0019 for television mounting.		
11 52 33 00-0002	EA	27" HD Television, LCD, 1080 DPI, 60 Hertz	643.05	16.51
11 52 33 00-0003	EA	32" HD Television, LCD, 720 DPI, 60 Hertz	705.67	18.57
11 52 33 00-0004	EA	32" HD Television, LCD, 1080 DPI, 120 Hertz	959.48	20.64
11 52 33 00-0005	EA	32" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	968.36	20.64
11 52 33 00-0006	EA	40" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,096.77	22.69
11 52 33 00-0007	EA	46" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,288.39	24.76
11 52 33 00-0008	EA	50" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,606.37	26.83
11 52 33 00-0009	EA	55" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,922.28	26.83
11 52 33 00-0010	EA	60" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,240.25	28.89
11 52 33 00-0011	EA	65" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,716.19	30.96
11 52 33 00-0012	EA	75" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	4,297.80	33.02
11 52 33 00-0013	EA	46" 3D Television, LED, 1080 DPI, 240 Hertz	1,975.96	24.76
11 52 33 00-0014	EA	55" 3D Television, LED, 1080 DPI, 240 Hertz	2,758.51	26.83
11 52 33 00-0015	EA	60" 3D Television, LED, 1080 DPI, 240 Hertz	3,736.18	28.89
11 52 33 00-0016	EA	65" 3D Television, LED, 1080 DPI, 240 Hertz	3,933.37	30.96
11 52 33 00-0017	EA	75" 3D Television, LED, 1080 DPI, 240 Hertz	5,884.59	30.96
11 52 33 00-0018	EA	86" Interactive LED Panel (SMARTBOARD SPNL-7086)	17,953.42	33.02
11 52 33 00-0019		Flat Panel Display Mounting *(11 52 33)*		
		Note: Includes anchors, bolts and hardware. Excludes blocking in walls or ceiling.		
11 52 33 00-0020	EA	Swivel Wall Mounts For 10" To 30" Flat Panel Displays Note: 2.6" To 16.6" swing arm extension, 12 degrees tilt	397.84	115.54
11 52 33 00-0021	EA	Premium Swivel Wall Mounts For 23" To 37" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	618.22	144.42
11 52 33 00-0022	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	638.39	173.30
11 52 33 00-0023	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays With Extra Wide 24" Back Plate Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	680.17	173.30
11 52 33 00-0024	EA	Swivel Wall Mounts For 32" To 50" Flat Panel Displays Note: 4.5" To 26.2" swing arm extension, 15 degrees tilt	680.17	173.30
11 52 33 00-0025	EA	Full Motion Wall Mounts For 13" To 26" Flat Panel Displays Note: 8" Extension	376.99	115.54
11 52 33 00-0026	EA	Full Motion Wall Mounts For 26" To 40" Flat Panel Displays Note: 9.7" Extension	518.15	144.42
11 52 33 00-0027	EA	Full Motion Wall Mounts For 32" To 56" Flat Panel Displays Note: 10.2" Extension	888.66	173.30
11 52 33 00-0028	EA	Full Motion Wall Mounts For 42" To 84" Flat Panel Displays Note: 20" Extension	1,274.04	202.19
11 52 33 00-0029	EA	Low Profile Tilting Wall Mounts For 26" To 40" Flat Panel Displays	476.45	144.42
11 52 33 00-0030	EA	Low Profile Tilting Wall Mounts For 32" To 70" Flat Panel Displays	559.85	144.42
11 52 33 00-0031	EA	Low Profile Tilting Wall Mounts For 75" Flat Panel Displays	658.78	173.30
11 52 33 00-0032	EA	Low Profile Wall Mounts For 26" To 40" Flat Panel Displays	393.05	144.42
11 52 33 00-0033	EA	Low Profile Wall Mounts For 40" To 70" Flat Panel Displays	455.60	144.42
11 52 33 00-0034	EA	Low Profile Wall Mounts For 75" Flat Panel Displays	541.71	173.30
11 52 33 00-0035	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 50" Flat Panel Displays, 39" To 63" Extension From Ceiling Note: 360 degree rotation, 15 degree tilt.	657.16	231.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0036	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 70" Flat Panel Displays, 18" To 31" Extension From Ceiling	774.24	231.07
		Note: 360 degree rotation, 15 degree tilt.		
		For 28" To 41" Extension Pole, Add	*40.79*	
		For 38" To 51" Extension Pole, Add	*51.94*	
		For 48" To 61" Extension Pole, Add	*59.37*	
11 52 33 00-0037	EA	VMP Full Motion (Rotates And Tilts) Ceiling Mounts For 37" To 80" Flat Panel Displays, 15" To 37" Extension From Ceiling	815.12	231.07
		Note: 360 degree rotation, 15 degree tilt.		

11 52 33 00-0038 Audio/Video Components *(11 52 33)*

11 52 33 00-0039	EA	MLC 104 IP Plus MLC - MediaLink™ Controller with IP Link® Ethernet Control, White (Extron Electronics #60-818-03)	1,491.37	86.65
11 52 33 00-0040	EA	MLC 226 IP Enhanced MLC - MediaLink™ Controller with IP Link® Ethernet Control, Black (Extron Electronics #60-600-02)	2,023.44	86.65
11 52 33 00-0041	EA	MPA 152 MPA 152 - Stereo Power Amplifier (Extron Electronics #60-844-01)	456.81	28.89
11 52 33 00-0042	EA	MPA 401-70 Volt, 70 Volt Mono Power Amplifier - 40 Watt (Extron Electronics #60-845-01)	529.36	28.89
11 52 33 00-0043	EA	MLS 406 Six Input MLS - MediaLink™ Switcher with Variable Preamplifier Audio Output Variable Preamp Audio Output (Extron Electronics #60-560-01)	2,153.76	115.54
11 52 33 00-0044	EA	MLS 406MA Six Input MLS - MediaLink™ Switcher with Mono Audio Amplifier Mono Audio Amplifier (Extron Electronics #60-560-02)	2,395.61	115.54
11 52 33 00-0045	EA	MLS 406SA Six Input MLS - MediaLink™ Switcher with Stereo Audio Amplifier Stereo Audio Amplifier (Extron Electronics #60-560-03)	2,395.61	115.54
11 52 33 00-0046	EA	Wall Plate VGA 3.5 RJ-45 Passthru (Liberty Cable #PC-G1600-E-P-C)	151.90	14.44
11 52 33 00-0047	EA	DVD/VCR Combo (Toshiba #SD V296)	153.33	
11 52 33 00-0048	EA	DVD/VCR Combo (Toshiba #SD V392)	155.42	
11 52 33 00-0049	EA	DVDr/VCR Combo (Toshiba #DVR620)	284.68	
11 52 33 00-0050	EA	DVDr/VCR Combo (Toshiba #DVR670)	391.01	

11 52 33 00-0051 Audio/Video Cabling *(11 52 33)*

11 52 33 00-0052	EA	HDMI M-M Pro/3 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-03)	39.17
11 52 33 00-0053	EA	HDMI M-M Pro/6 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-06)	57.31
11 52 33 00-0054	EA	HDMI M-M Pro/12 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-12)	85.67
11 52 33 00-0055	EA	HDMI M-M Pro/25 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-25)	178.09
11 52 33 00-0056	EA	HDMI M-M Pro/35 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-35)	250.64
11 52 33 00-0057	EA	HDMI M-M Pro/50 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-50)	344.23
11 52 33 00-0058	EA	HDMI M-M Pro/75 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-75)	471.21
11 52 33 00-0059	EA	HDMI M-M Pro/100 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-100)	580.04
11 52 33 00-0060	EA	HDMI M-M Pro/125 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-125)	691.76
11 52 33 00-0061	EA	HDMI M-M Pro/150 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-150)	764.31
11 52 33 00-0062	EA	HDMI M-M Pro/175 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-175)	912.30
11 52 33 00-0063	EA	HDMI M-M Pro/200 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-200)	1,096.58
11 52 33 00-0064	EA	DVI-D/3 Single Link Male to Male Cables (Extron Electronics #26-649-03)	39.17
11 52 33 00-0065	EA	DVI-D/6 Single Link Male to Male Cables (Extron Electronics #26-649-06)	57.31
11 52 33 00-0066	EA	DVI-D/12 Single Link Male to Male Cables (Extron Electronics #26-649-12)	85.67
11 52 33 00-0067	EA	DVI-D/25 Single Link Male to Male Cables (Extron Electronics #26-649-25)	178.09
11 52 33 00-0068	EA	DVI-D/35 Single Link Male to Male Cables (Extron Electronics #26-649-35)	250.64
11 52 33 00-0069	EA	DVI-D/50 Single Link Male to Male Cables (Extron Electronics #26-649-50)	344.22
11 52 33 00-0070	EA	DVI-D/75 Single Link Male to Male Cables (Extron Electronics #26-649-75)	471.20
11 52 33 00-0071	EA	DVI-D/100 Single Link Male to Male Cables (Extron Electronics #26-649-100)	580.03
11 52 33 00-0072	EA	DVI-D/125 Single Link Male to Male Cables (Extron Electronics #26-649-125)	691.76
11 52 33 00-0073	EA	DVI-D/150 Single Link Male to Male Cables (Extron Electronics #26-649-150)	764.31
11 52 33 00-0074	EA	DVI-D/175 Single Link Male to Male Cables (Extron Electronics #26-649-175)	912.30
11 52 33 00-0075	EA	DVI-D/200 Single Link Male to Male Cables (Extron Electronics #26-649-200)	1,096.58
11 52 33 00-0076	EA	AV RCA/6 RCA Male to Male Composite Video and Stereo Audio Cables 6' (Extron Electronics #26-643-06)	17.40
11 52 33 00-0077	EA	AV RCA/20 RCA Male to Male Composite Video and Stereo Audio Cables 20' (Extron Electronics #26-643-20)	27.54
11 52 33 00-0078	EA	VGA M-M MD/3 Male to Male VGA Molded Connector Cables 3' (Extron Electronics #26-238-14)	21.03
11 52 33 00-0079	EA	VGA M-M MD/6 Male to Male VGA Molded Connector Cables 6' (Extron Electronics #26-238-01)	22.84
11 52 33 00-0080	EA	VGA M-M MD/10 Male to Male VGA Molded Connector Cables 10' (Extron Electronics #26-238-07)	31.26
11 52 33 00-0081	EA	VGA M-M MD/15 Male to Male VGA Molded Connector Cables 15' (Extron Electronics #26-238-02)	36.70
11 52 33 00-0082	EA	VGA M-M MD/25 Male to Male VGA Molded Connector Cables 25' (Extron Electronics #26-238-03)	58.37
11 52 33 00-0083	EA	VGA M-M MD/35 Male to Male VGA Molded Connector Cables 35' (Extron Electronics #26-238-17)	81.95
11 52 33 00-0084	EA	VGA M-M MD/50 Male to Male VGA Molded Connector Cables 50' (Extron Electronics #26-238-18)	108.43
11 52 33 00-0085	EA	VGA M-M MD/75 Male to Male VGA Molded Connector Cables 75' (Extron Electronics #26-238-19)	144.71
11 52 33 00-0086	EA	VGA M-M MD/100 Male to Male VGA Molded Connector Cables 100' (Extron Electronics #26-238-20)	180.99
11 52 33 00-0087	EA	VGA M-M BK/3 Male to Male VGA Backshell Connector Cables 3' (Extron Electronics #26-238-24)	30.10
11 52 33 00-0088	EA	VGA M-M BK/6 Male to Male VGA Backshell Connector Cables 6' (Extron Electronics #26-238-25)	31.91
11 52 33 00-0089	EA	VGA M-M BK/10 Male to Male VGA Backshell Connector Cables 10' (Extron Electronics #26-238-26)	40.33
11 52 33 00-0090	EA	VGA M-M BK/15 Male to Male VGA Backshell Connector Cables 15' (Extron Electronics #26-238-27)	49.40
11 52 33 00-0091	EA	VGA M-M BK/25 Male to Male VGA Backshell Connector Cables 25' (Extron Electronics #26-238-28)	69.26
11 52 33 00-0092	EA	VGA M-M BK/35 Male to Male VGA Backshell Connector Cables 35' (Extron Electronics #26-238-16)	92.84
11 52 33 00-0093	EA	VGA M-M BK/50 Male to Male VGA Backshell Connector Cables 50' (Extron Electronics #26-238-04)	126.57
11 52 33 00-0094	EA	VGA M-M BK/75 Male to Male VGA Backshell Connector Cables 75' (Extron Electronics #26-238-05)	162.85
11 52 33 00-0095	EA	VGA M-M BK/100 Male to Male VGA Backshell Connector Cables 100' (Extron Electronics #26-238-06)	208.19
11 52 33 00-0096	EA	A Mini/2 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-01)	6.52
11 52 33 00-0097	EA	A Mini/9 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-03)	8.33
11 52 33 00-0098	EA	A Mini/12 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-06)	10.15
11 52 33 00-0099	EA	A Mini/25 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-07)	13.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 60 Entertainment and Recreation Equipment *(11)*

11 66 Athletic Equipment *(11 60)*

11 66 13 Exercise Equipment *(11 66)*

11 66 13 00-0001 Fitness Systems *(11 66 13)*

11 66 13 00-0002 Components For Physical Fitness Activities *(11 66 13 00-0001)*

11 66 13 00-0003	EA	Sit And Reach	1,334.75	103.70
11 66 13 00-0004	EA	Isometric Squat	497.89	41.48
11 66 13 00-0005	EA	Log Jump	3,220.67	165.92
11 66 13 00-0006	EA	Step Up	729.59	82.96
11 66 13 00-0007	EA	Hip Rotation	3,531.47	145.18
11 66 13 00-0008	EA	Body Curl	1,308.93	82.96
11 66 13 00-0009	EA	Horizontal Ladder	4,269.73	165.92
11 66 13 00-0010	EA	Chin Up	3,236.33	165.92
11 66 13 00-0011	EA	Push Up	1,974.37	82.96
11 66 13 00-0012	EA	Leg Raise	2,761.94	124.44
11 66 13 00-0013	EA	Log Hop	1,249.45	41.48
11 66 13 00-0014	EA	Parallel Bar	2,656.25	124.44
11 66 13 00-0015	EA	Leg Stretch	1,121.03	82.96
11 66 13 00-0016	EA	Balance Beam	1,005.18	62.22
11 66 13 00-0017	EA	Log Roll	3,166.69	103.70

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001 Standalone Playground Equipment *(11 68 13)*

11 68 13 00-0002 Ground Socket For Movable Posts *(11 68 13 00-0001)*

11 68 13 00-0003	PR	Ground Socket For 2-3/8" Post For Playground Equipment	266.31	56.01
11 68 13 00-0004	PR	Ground Socket For 3-1/2" Post For Playground Equipment	410.10	56.01

11 68 13 00-0005 See-Saws *(11 68 13 00-0001)*

11 68 13 00-0006 Steel See-Saw *(11 68 13 00-0005)*

11 68 13 00-0007	EA	2 Unit Steel See-Saw	2,248.76	344.71
11 68 13 00-0008	EA	4 Unit Steel See-Saw	3,648.51	407.35
11 68 13 00-0009	EA	6 Unit Steel See-Saw	5,061.55	497.89

11 68 13 00-0010 14' Long Laminated Beam *(11 68 13 00-0005)*

11 68 13 00-0011	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,397.62	304.80
11 68 13 00-0012	EA	Beam Is Supported By Two 8 In x 8 In Posts	1,659.82	271.51

11 68 13 00-0013 Slides *(11 68 13 00-0001)*

11 68 13 00-0014	EA	8' Long x 4' High Slide With Stainless Steel Bed	2,728.66	394.16
11 68 13 00-0015	EA	12' Long x 6' High Slide With Stainless Steel Bed	3,820.98	560.13
11 68 13 00-0016	EA	16' Long x 8' High Slide With Stainless Steel Bed	4,231.73	622.36
11 68 13 00-0017	EA	20' Long x 10' High Slide With Stainless Steel Bed	5,319.93	689.41
11 68 13 00-0018	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	14,367.24	1,084.48
11 68 13 00-0019	EA	7' High, 360 Degree Slide, Stainless Steel Bed	16,707.70	1,118.76
11 68 13 00-0020	EA	9' High, 360 Degree Slide, Stainless Steel Bed	21,039.61	1,175.85

11 68 13 00-0021 Whirlers *(11 68 13 00-0001)*

11 68 13 00-0022	EA	8' Diameter Whirler	6,060.48	746.84
11 68 13 00-0023	EA	10' Diameter Whirler	7,036.91	896.21

11 68 13 00-0024 Other Standalone Playground Equipment *(11 68 13 00-0001)*

11 68 13 00-0025 Miscellaneous Standalone Playground Equipment *(11 68 13 00-0024)*

11 68 13 00-0026	EA	Horizontal Ladder	1,934.26	199.52
11 68 13 00-0027	EA	Tether Ball Post	328.06	39.00
11 68 13 00-0028	PR	10'-6" Long Multiple Purpose Post	500.38	68.96
11 68 13 00-0029	EA	3-Person Fiberglass Golf Tee Shelter Turntable	8,025.66	194.84
11 68 13 00-0030	EA	Horizontal Turning Bars, 1 Bar	616.08	104.11
11 68 13 00-0031	EA	Horizontal Turning Bars, 2 Bars	833.41	124.44
11 68 13 00-0032	EA	Horizontal Turning Bars, 3 Bars	1,123.77	165.92
11 68 13 00-0033	EA	Horizontal Turning Bars, 5 Bars	1,644.16	228.14
11 68 13 00-0034	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	1,730.65	94.99
11 68 13 00-0035	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	1,905.55	102.54
11 68 13 00-0036	EA	Coil Spring With Single Riding Aluminum Saddle Devices	1,863.94	109.93
11 68 13 00-0037	EA	"C" Spring With Single Riding Aluminum Saddle Devices	1,407.72	94.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0038	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	1,737.34	123.86
11 68 13 00-0039	EA	Coil Spring Assembly Only	473.21	45.55
11 68 13 00-0040	EA	"C" Spring Assembly Only	314.42	30.36
11 68 13 00-0041	EA	Rubber Spring Assembly Only	227.96	59.23
11 68 13 00-0042	EA	Footbuck Assembly Only	81.71	7.96
11 68 13 00-0043	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,119.33	113.91
11 68 13 00-0044		**Freestanding Panels** *(11 68 13 00-0024)*		
		Note: Rotomolded polyethylene.		
11 68 13 00-0045	EA	Tic-Tac-Toe Panel	902.42	48.78
11 68 13 00-0046	EA	24" Bubble Panel	1,351.89	73.09
11 68 13 00-0047	EA	Fire Engine Panel	1,983.93	107.27
11 68 13 00-0048	EA	Flat Mirror Panel	1,587.14	85.86
11 68 13 00-0049	EA	Wavy Mirror Panel	2,349.10	127.10
11 68 13 00-0050	EA	Paint Time Panel	1,523.93	82.47
11 68 13 00-0051	EA	Phone Time Panel	1,081.50	58.48
11 68 13 00-0052	EA	Phone Time With Graphic Panel	1,081.50	58.48
11 68 13 00-0053	EA	Race Time Panel	1,896.14	102.54
11 68 13 00-0054	EA	Rescue 911 Panel	1,924.33	102.54
11 68 13 00-0055	EA	Eastern/Central/Western States Panel	1,035.86	56.00
11 68 13 00-0056	EA	Career People Panel	1,176.30	63.63
11 68 13 00-0057	EA	Solar System Panel	1,176.30	63.63
11 68 13 00-0058	EA	Animals Panel	1,176.30	63.63
11 68 13 00-0059		**Freestanding Panels Uprights** *(11 68 13 00-0024)*		
11 68 13 00-0060	EA	3-1/2" Outside Diameter End Panel Upright	280.15	27.38
11 68 13 00-0061	EA	3-1/2" Outside Diameter 90 Degree Upright	303.51	29.62
11 68 13 00-0062	EA	3-1/2" Outside Diameter 180 Degree Upright	303.51	29.62
11 68 13 00-0063	EA	3-1/2" Outside Diameter "T-Shaped" Upright	322.97	31.52
11 68 13 00-0064		**Coasters** *(11 68 13 00-0024)*		
11 68 13 00-0065	EA	12' Single Metal Coaster With Four Posts	6,980.27	331.84
11 68 13 00-0066	EA	18' Single Metal Coaster With Four Posts	7,806.14	414.80
11 68 13 00-0067	EA	12' Double Metal Coaster With Four Posts	11,290.73	497.76
11 68 13 00-0068	EA	18' Double Metal Coaster With Four Posts	12,840.90	622.20
11 68 13 00-0069		**Climbers** *(11 68 13 00-0024)*		
11 68 13 00-0070	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,281.65	221.67
11 68 13 00-0071	EA	Arch Climber, 2' x 12' x 4.5' High	1,167.97	271.44
11 68 13 00-0072	EA	Arch Climber, 2' x 15' x 5.83' High	1,268.46	221.67
11 68 13 00-0073	EA	Arch Climber, 2' x 17' x 6.58' High	1,363.62	271.44
11 68 13 00-0074	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,460.73	221.42
11 68 13 00-0075	EA	Rainbow Climber, 2' x 10'-5" x 5' High	1,636.88	221.50
11 68 13 00-0076	EA	Rainbow Climber, 2' x 12'-5" x 6' High	1,906.76	221.50
11 68 13 00-0077	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,083.20	221.42
11 68 13 00-0078	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,513.41	259.24
11 68 13 00-0079	EA	12' Long Horizontal Ladder Climber	2,046.52	193.60
11 68 13 00-0080	EA	14' Long Horizontal Ladder Climber	2,076.21	193.60
11 68 13 00-0081	EA	16' Long Horizontal Ladder Climber	2,272.79	193.60
11 68 13 00-0082	EA	Bell Climber, 7'-5" High With Double Bars	2,138.16	248.88
11 68 13 00-0083	EA	2-Way Climber	1,794.24	199.52
11 68 13 00-0084	EA	4-Way Climber	2,861.34	199.52
11 68 13 00-0085		**Swings** *(11 68 13 00-0001)*		
11 68 13 00-0086		**Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0087	EA	8' High Top Rail, One Section Two Seats	1,683.64	304.80
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*195.93*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*222.03*	
11 68 13 00-0088	EA	8' High Top Rail, Two Sections Four Seats	2,688.19	436.15
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*314.24*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*361.51*	
11 68 13 00-0089	EA	8' High Top Rail, Three Sections, Six Seats	3,719.26	641.78
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*434.34*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*498.01*	
11 68 13 00-0090	EA	8' High Top Rail, Four Sections, Eight Seats	4,661.73	746.84
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*545.37*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*629.05*	
11 68 13 00-0091	EA	10' High Top Rail, One Section Two Seats	1,797.35	304.80
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*210.15*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*241.93*	
11 68 13 00-0092	EA	10' High Top Rail, Two Section Four Seats	2,808.22	464.53
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*327.17*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*372.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0093	EA	10' High Top Rail, Three Sections, Six Seats	3,876.25	721.36
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*450.17*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*506.53*	
11 68 13 00-0094	EA	10' High Top Rail, Four Sections, Eight Seats	5,137.30	871.31
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*598.58*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*681.11*	
11 68 13 00-0095		Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail *(11 68 13 00-0085)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096	EA	8' High Top Rail, One Section, Two Seats	1,931.97	269.19
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*228.04*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*270.79*	
11 68 13 00-0097	EA	8' High Top Rail, Two Sections, Four Seats	2,804.12	390.60
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*330.99*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*393.08*	
11 68 13 00-0098	EA	8' High Top Rail, Three Sections, Six Seats	3,740.98	522.37
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*441.50*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*524.08*	
11 68 13 00-0099	EA	8' High Top Rail, Four Sections, Eight Seats	4,676.60	622.36
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*553.45*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*662.79*	
11 68 13 00-0100	EA	10' High Top Rail, One Section, Two Seats	2,178.73	303.38
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*257.17*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*305.44*	
11 68 13 00-0101	EA	10' High Top Rail, One Section Three Seats	2,276.39	321.72
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*269.22*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*321.74*	
11 68 13 00-0102	EA	10' High Top Rail, Two Sections, Four Seats	3,041.54	424.70
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*358.96*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*426.08*	
11 68 13 00-0103	EA	10' High Top Rail, Two Sections, Six Seats	3,662.14	489.59
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*434.44*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*524.25*	
11 68 13 00-0104	EA	10' High Top Rail, Three Section, Six Seats	4,048.68	565.03
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*477.83*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*567.26*	
11 68 13 00-0105	EA	10' High Top Rail, Three Sections, Nine Seats	5,047.70	622.61
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*599.84*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*727.74*	
11 68 13 00-0106	EA	10' High Top Rail, Four Section, Eight Seats	5,133.12	746.84
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*604.29*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*711.54*	
11 68 13 00-0107	EA	12' High Top Rail, One Section Three Seats	2,381.31	329.52
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*281.96*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*338.23*	
11 68 13 00-0108	EA	12' High Top Rail, Two Sections, Six Seats	3,874.22	530.17
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*459.02*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*551.71*	
11 68 13 00-0109	EA	12' High Top Rail, Three Sections, Nine Seats	5,636.94	849.15
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*663.13*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*779.01*	
11 68 13 00-0110		Swing Accessories *(11 68 13 00-0085)*		
11 68 13 00-0111	EA	Enclosed Tot Seat With Chain And Hardware	569.88	24.99
11 68 13 00-0112	EA	Bucket Seat With Chain And Hardware	473.76	20.78
11 68 13 00-0113	EA	Belt Seat With Chain And Hardware	504.66	22.19
11 68 13 00-0114	EA	Seat With Chain And Hardware	497.80	21.86
11 68 13 00-0115	EA	Wide Seat With Chain And Hardware	525.46	23.09
11 68 13 00-0116	EA	Handi Seat With Chain And Hardware	1,568.91	68.87
11 68 13 00-0117	LF	0.4 LB/LF Replacement Chain	6.53	0.49
11 68 13 00-0118	LF	1 LB/LF Replacement Chain	12.14	0.99
11 68 13 00-0119	EA	Swing Hanger Replacement	70.96	5.69
11 68 23		**Exterior Court Athletic Equipment** *(11 68)*		
11 68 23 13		**Exterior Basketball Equipment** *(11 68 23)*		
11 68 23 13-0001		Basketball Systems *(11 68 23 13)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23 13-0002	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System	2,190.27	228.63
		Note: Sportsplay 541-616.		
11 68 23 13-0003	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	3,574.07	251.50
		Note: Porter Athletic 176-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 13-0004	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	2,319.41	228.63
		Note: Porter Athletic 164-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0005	EA	4-1/2" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	3,574.07	251.50
		Note: Porter Athletic 166-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0006	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	6,396.36	369.85
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	

11 68 23 13-0007 Basketball Components *(11 68 23 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0008	EA	Nylon Cord Basketball Net (Porter Athletic 09608120)	28.75	8.30
11 68 23 13-0009	EA	Chain Basketball Net (Porter Athletic 00161000)	50.19	8.30
11 68 23 13-0010	EA	Heavy Duty Goal Ring (Porter Athletic 00235000)	115.03	41.48
11 68 23 13-0011	EA	Goal Ring For Steel Net (Porter Athletic 00251H00)	206.38	18.67
11 68 23 13-0012	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000)	1,183.47	35.26
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0013	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300)	1,519.47	35.26
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0014	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300)	776.17	31.11
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0015	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000)	848.67	31.11
		Note: Includes perimeter and target markings. Excludes pole and goal.		

11 68 23 33 Tennis Equipment *(11 68 23)*

11 68 23 33-0001 Tennis Court Net Posts *(11 68 23 33)*

11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,041.81	141.06
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,328.64	141.06
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,376.45	141.06
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,459.12	141.06
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	1,753.47	141.06
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	259.18	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	294.92	

11 68 23 33-0009 Tennis Court Nets *(11 68 23 33)*

11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	567.52	139.41
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	624.57	139.41
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,359.10	214.51
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	73.08	

11 68 33 Athletic Field Equipment *(11 68)*

11 68 33 13 Football Field Equipment *(11 68 33)*

11 68 33 13-0001 Football Goal Posts *(11 68 33 13)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	4,790.61	373.32
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	6,712.27	510.09
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	8,014.55	612.11

11 68 33 23 Soccer and Field Hockey Equipment *(11 68 33)*

11 68 33 23-0001 Soccer Goal Posts *(11 68 33 23)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 23-0002	PR	Regulation Soccer Goal Posts	4,504.02	248.95
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	5,409.89	373.32

11 68 33 33 Baseball Field Equipment *(11 68 33)*

11 68 33 33-0001 Bases *(11 68 33 33)*

11 68 33 33-0002	SET	Bases For Baseball Or Softball	550.15	

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0001		**Safety And Tie-Back Anchors** *(11 81 29)* Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0059 for engineering testing and inspection.		
11 81 29 00-0002		**Roof Mounted, Safety And Tie-Back Anchors** *(11 81 29 00-0001)* Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	701.54	69.92
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	595.02	69.92
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	456.75	76.01
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0006		**Wall Mounted, Safety And Tie-Back Anchor** *(11 81 29 00-0001)* Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	493.31	69.92
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	440.96	69.92
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	400.32	76.01
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0010		**Safety And Tie-Back Anchor Accessories** *(11 81 29 00-0001)*		
11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	410.40	

11 82 Facility Solid Waste Handling Equipment *(11 80)*

11 82 19 Packaged Incinerators *(11 82)*

11 82 19 00-0001		**Electric Incinerator** *(11 82 19)*		
11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	38,357.60	1,000.05
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	78,488.50	2,000.12
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	265,674.09	3,000.17

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001		**110 Volt Compactors** *(11 82 26)*		
11 82 26 00-0002	EA	Waste Compactor, 110 Volt At 75 LB/Hour	20,719.29	447.25
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 250 LB/Hour	25,793.33	1,073.38
11 82 26 00-0004		**230 Volt Compactors** *(11 82 26)*		
11 82 26 00-0005	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	25,524.31	1,431.18
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	28,617.03	1,878.41
11 82 26 00-0007		**Trash Compactors** *(11 82 26)*		
11 82 26 00-0008	EA	Trash Compactor, Small	3,802.90	295.80
11 82 26 00-0009	EA	Trash Compactor, Large	4,688.98	334.74

11 90 Other Equipment *(11)*

11 97 Security Equipment *(11 90)*

11 97 26 Detention Gun Lockers *(11 97)*

11 97 26 00-0001		**Hinged Door Gun Lock** *(11 97 26)* Note: Two keys per locker with one master.		
11 97 26 00-0002	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door	3,626.06	48.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 97 26 00-0003		Hinged-Door Gun Locker *(11 97 26)* Note: Includes master key for each set of 4 compartments, two keys per compartment.		
11 97 26 00-0004	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,405.63	34.17
11 97 26 00-0005	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	3,219.02	48.80
11 97 26 00-0006	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	5,914.06	58.56
11 97 26 00-0007	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	8,589.57	58.56
11 98		**Detention Equipment** *(11 90)*		
11 98 12		**Detention Doors and Frames** *(11 98)*		
11 98 12 00-0001		Metal Frames *(11 98 12)* Note: Combination buck, jamb, and trim, fully seam welded.		
11 98 12 00-0002		Metal Frames 4-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)*		
11 98 12 00-0003	EA	2' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	454.42	145.61
11 98 12 00-0004	EA	2'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	454.42	145.61
11 98 12 00-0005	EA	2'-6" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	454.42	145.61
11 98 12 00-0006	EA	2'-8" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	454.42	145.61
11 98 12 00-0007	EA	3' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	457.62	145.61
11 98 12 00-0008	EA	3'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	457.62	145.61
11 98 12 00-0009	EA	6' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	664.39	233.05
11 98 12 00-0010	EA	2' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0011	EA	2'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0012	EA	2'-6" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0013	EA	2'-8" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.61	145.61
11 98 12 00-0014	EA	3' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	570.71	194.18
11 98 12 00-0015	EA	3'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	570.71	194.18
11 98 12 00-0016	EA	6' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	683.58	233.05
11 98 12 00-0017	EA	2' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0018	EA	2'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0019	EA	2'-6" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0020	EA	2'-8" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.02	145.61
11 98 12 00-0021	EA	3' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	467.22	145.61
11 98 12 00-0022	EA	3'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	467.22	145.61
11 98 12 00-0023	EA	6' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	673.99	233.05
11 98 12 00-0024		Metal Frames 6-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)*		
11 98 12 00-0025	EA	2' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0026	EA	2'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0027	EA	2'-6" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0028	EA	2'-8" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0029	EA	3' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	470.41	145.61
11 98 12 00-0030	EA	3'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	470.41	145.61
11 98 12 00-0031	EA	6' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	673.98	233.05
11 98 12 00-0032	EA	2' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0033	EA	2'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	464.01	145.61
11 98 12 00-0034	EA	2'-6" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0035	EA	2'-8" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0036	EA	3' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	570.70	194.18
11 98 12 00-0037	EA	3'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	570.70	194.18
11 98 12 00-0038	EA	6' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	804.04	258.78
11 98 12 00-0039	EA	2' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0040	EA	2'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0041	EA	2'-6" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0042	EA	2'-8" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	473.60	145.61
11 98 12 00-0043	EA	3' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	476.80	145.61
11 98 12 00-0044	EA	3'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	476.80	145.61
11 98 12 00-0045	EA	6' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	683.57	233.05
11 98 12 00-0046		Metal Detention Doors *(11 98 12)* Note: Flush type reinforced with stiffeners.		
11 98 12 00-0047		10 Gauge 1-3/4" Metal Detention Door *(11 98 12 00-0046)*		
11 98 12 00-0048	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	920.41	51.74
11 98 12 00-0049	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	932.08	51.74
11 98 12 00-0050	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	943.75	51.74
11 98 12 00-0051	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	955.42	51.74
11 98 12 00-0052	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	967.09	51.74
11 98 12 00-0053	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	1,025.43	51.74
11 98 12 00-0054	EA	2' x 7' x 1-3/4" 10 Gauge Metal Detention Door	992.99	51.74
11 98 12 00-0055	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,005.12	51.74
11 98 12 00-0056	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,012.75	51.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 98 12 00-0057	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,119.01	51.74
11 98 12 00-0058	EA	3' x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,375.51	51.74
11 98 12 00-0059	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,507.44	51.74
11 98 12 00-0060	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	961.25	51.74
11 98 12 00-0061	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	972.92	51.74
11 98 12 00-0062	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	984.59	51.74
11 98 12 00-0063	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	996.26	51.74
11 98 12 00-0064	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	1,007.93	51.74
11 98 12 00-0065	EA	3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door	1,066.27	51.74
11 98 12 00-0066		Pneumatic Door Operators *(11 98 12)*		
11 98 12 00-0067	EA	Pneumatic Detention Cell Entry Door Operator With Hardware Set	6,495.44	
11 98 12 00-0068	EA	Pneumatic Special Housing Detention Cell Door Operator With Hardware Set	7,308.62	
11 98 12 00-0069	EA	Pneumatic MS Detention Cell Door Operator With Hardware Set	9,766.51	
11 98 12 00-0070	EA	Pneumatic Sally Port Detention Door Operator With Hardware Set	11,396.35	
11 98 12 00-0071	EA	Pneumatic Corridor Detention Door Operator With Hardware Set	14,853.42	
11 98 12 00-0072	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves	7,061.25	
11 98 12 00-0073		Security Doors And Frame Assembly *(11 98 12)*		
11 98 12 00-0074	EA	2'-6" x 6'-8", 7 Gauge Flat Door With 7 Gauge Reinforcement Plate, Security Detention Doors And Frames	15,793.97	419.74
		Note: Complete, with hardware, single plate.		
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	
11 98 12 00-0075	EA	2'-6" x 6'-8", 7 Gauge Flat Door With Double 7 Gauge Reinforcement Plate, Security Detention Doors And Frames	19,307.29	417.04
		Note: Complete, with hardware, double plate.		
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	

11 98 14 Detention Door Hardware *(11 98)*

11 98 14 00-0001		Prison Deadlocks and Deadlatches *(11 98 14)*		
11 98 14 00-0002	EA	115 Volt AC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	3,795.72	101.67
11 98 14 00-0003	EA	115 Volt AC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	4,800.49	101.67
11 98 14 00-0004	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	4,054.45	101.67
11 98 14 00-0005	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	4,929.91	101.67
11 98 14 00-0006	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-1)	2,090.24	69.88
11 98 14 00-0007	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-2)	2,480.34	69.88

11 98 21 Detention Windows *(11 98)*

11 98 21 00-0001		Visitor Cubicle *(11 98 21)*		
		Note: Excludes glazing.		
11 98 21 00-0002	EA	Detention Visitor Cubicle, Vision Panel, No Intercom	11,224.33	834.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	176.12	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	80.08	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	113.65	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	134.91	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	215.94	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	160.12	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	59.44	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	64.21	
12 01 60 00-0010	EA	Secure Seat To Floor	62.09	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	61.41	
		For Epoxy Anchoring, Add	*22.28*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 01 60 00-0012	EA	Reupholster Auditorium Seat And Back Note: Includes removal of existing upholstery.	186.76	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	10.96	0.83
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	8.95	0.83
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	9.72	0.83
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	11.27	0.83

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	9.26	0.83
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	10.73	0.83

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	12.65	1.77

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	8.07	1.77
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	11.40	1.77

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	317.98	11.66
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	331.22	11.66
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	352.74	11.66
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	361.02	11.66
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	380.89	11.66
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	407.38	11.66
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	423.93	11.66
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	447.10	11.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	483.53	11.66
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	462.12	15.85
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	491.92	15.85
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	515.09	15.85
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	534.96	15.85
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	581.31	15.85
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	604.49	15.85
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	624.36	15.85
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	667.40	15.85
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	713.75	15.85
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	612.88	20.05
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	655.93	20.05
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	675.79	20.05
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	722.14	20.05
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	765.19	20.05
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	808.23	20.05
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	831.41	20.05
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	877.76	20.05
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	940.67	20.05
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	773.59	24.24
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	816.63	24.24
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	839.81	24.24
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	906.02	24.24
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	949.07	24.24
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	995.42	24.24
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	893.68	24.24
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,108.00	24.24
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,141.10	24.24
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	914.41	28.43
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	977.32	28.43
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,000.50	28.43
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,066.72	28.43
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,132.94	28.43
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,199.16	28.43
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,265.38	28.43
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,331.60	28.43
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,414.38	28.43
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,075.11	32.63
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,141.33	32.63
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,191.00	32.63
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,257.21	32.63
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,323.44	32.63
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,406.21	32.63
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,472.43	32.63
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,538.65	32.63
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	1,654.53	32.63
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,215.94	36.82
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,298.72	36.82
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,348.38	36.82
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,431.16	36.82
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,497.37	36.82
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,580.15	36.82
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	1,712.59	36.82
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	1,762.25	36.82
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	1,878.14	36.82
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,373.32	41.02
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,439.55	41.02
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,505.76	41.02
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	1,605.09	41.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	1,704.42	41.02
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	1,803.75	41.02
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	1,886.53	41.02
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	1,969.30	41.02
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,118.30	41.02
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,514.15	45.21
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	1,630.04	45.21
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	1,679.70	45.21
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	1,779.08	45.21
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	1,894.92	45.21
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	1,994.25	45.21
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,093.58	45.21
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	2,192.91	45.21
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	2,358.45	45.21
12 22 16		**Drapery Track and Accessories** *(12 22)*		
12 22 16 00-0001		Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*		
12 22 16 00-0002		Basic Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	111.24	39.68
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	128.06	39.68
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	151.25	44.09
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	203.77	44.09
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	212.72	48.50
12 22 16 00-0008		Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	127.36	39.68
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	138.22	39.68
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	176.82	44.09
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	202.56	48.50
12 22 16 00-0013		Double Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	155.04	39.68
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	187.97	39.68
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	234.46	44.09
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	254.06	48.50
12 22 16 00-0018		Curtain Rods *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	8.39	1.67
12 22 16 00-0020		Relocate Drapery And Rod *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	26.45	
12 22 16 00-0022		Motorized Drapery Track *(12 22 16)*		
12 22 16 00-0023	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,259.59	94.00
12 22 16 00-0024	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,312.33	103.40
12 22 16 00-0025	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,365.04	112.80
12 22 16 00-0026	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,417.76	122.20
12 22 16 00-0027	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,470.49	131.60
12 22 16 00-0028	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,523.20	141.01
12 22 16 00-0029	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,575.93	150.40
12 22 16 00-0030	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,628.65	159.80
12 22 16 00-0031	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,681.36	169.21
12 22 16 00-0032	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,734.09	178.60
12 22 16 00-0033	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,786.80	188.00
12 22 16 00-0034	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,839.53	197.41
12 22 16 00-0035	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,892.26	206.81
12 22 16 00-0036	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,944.97	216.20
12 22 16 00-0037	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,997.70	225.60
12 22 16 00-0038	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,050.41	235.01
12 22 16 00-0039	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,103.14	244.40
12 22 16 00-0040	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,155.86	253.80
12 22 16 00-0041	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,208.57	263.21
12 22 16 00-0042	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,261.30	272.60
12 22 16 00-0043	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,314.02	282.00

12 23 Interior Shutters *(12 20)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 00 00-0001		**Interior Plantation Shutters** *(12 23)* Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
12 23 00 00-0002		**12" Wide** *(12 23 00 00-0001)*		
12 23 00 00-0003	PR	12" x 36" Plantation Shutter	260.84	28.20
12 23 00 00-0004	PR	12" x 40" Plantation Shutter	290.63	29.61
12 23 00 00-0005	PR	12" x 44" Plantation Shutter	317.62	31.02
12 23 00 00-0006	PR	12" x 48" Plantation Shutter	344.62	32.43
12 23 00 00-0007	PR	12" x 52" Plantation Shutter	371.61	33.84
12 23 00 00-0008	PR	12" x 56" Plantation Shutter	398.62	35.25
12 23 00 00-0009	PR	12" x 60" Plantation Shutter	400.49	36.66
12 23 00 00-0010	PR	12" x 64" Plantation Shutter	452.60	38.07
12 23 00 00-0011	PR	12" x 68" Plantation Shutter	479.59	39.48
12 23 00 00-0012	PR	12" x 72" Plantation Shutter	506.59	40.89
12 23 00 00-0013	PR	12" x 76" Plantation Shutter	533.58	42.30
12 23 00 00-0014	PR	12" x 80" Plantation Shutter	560.58	43.71
12 23 00 00-0015		**14" Wide** *(12 23 00 00-0001)*		
12 23 00 00-0016	PR	14" x 36" Plantation Shutter	272.01	28.20
12 23 00 00-0017	PR	14" x 40" Plantation Shutter	301.79	29.61
12 23 00 00-0018	PR	14" x 44" Plantation Shutter	328.79	31.02
12 23 00 00-0019	PR	14" x 48" Plantation Shutter	355.78	32.43
12 23 00 00-0020	PR	14" x 52" Plantation Shutter	385.57	33.84
12 23 00 00-0021	PR	14" x 56" Plantation Shutter	412.57	35.25
12 23 00 00-0022	PR	14" x 60" Plantation Shutter	439.56	36.66
12 23 00 00-0023	PR	14" x 64" Plantation Shutter	469.34	38.07
12 23 00 00-0024	PR	14" x 68" Plantation Shutter	496.34	39.48
12 23 00 00-0025	PR	14" x 72" Plantation Shutter	523.34	40.89
12 23 00 00-0026	PR	14" x 76" Plantation Shutter	553.12	42.30
12 23 00 00-0027	PR	14" x 80" Plantation Shutter	580.11	43.71
12 23 00 00-0028		**15" Wide** *(12 23 00 00-0001)*		
12 23 00 00-0029	PR	15" x 36" Plantation Shutter	283.17	28.20
12 23 00 00-0030	PR	15" x 40" Plantation Shutter	312.95	29.61
12 23 00 00-0031	PR	15" x 44" Plantation Shutter	339.95	31.02
12 23 00 00-0032	PR	15" x 48" Plantation Shutter	366.94	32.43
12 23 00 00-0033	PR	15" x 52" Plantation Shutter	396.73	33.84
12 23 00 00-0034	PR	15" x 56" Plantation Shutter	426.52	35.25
12 23 00 00-0035	PR	15" x 60" Plantation Shutter	456.30	36.66
12 23 00 00-0036	PR	15" x 64" Plantation Shutter	486.08	38.07
12 23 00 00-0037	PR	15" x 68" Plantation Shutter	515.87	39.48
12 23 00 00-0038	PR	15" x 72" Plantation Shutter	542.88	40.89
12 23 00 00-0039	PR	15" x 76" Plantation Shutter	572.65	42.30
12 23 00 00-0040	PR	15" x 80" Plantation Shutter	602.44	43.71
12 23 00 00-0041		**16" Wide** *(12 23 00 00-0001)*		
12 23 00 00-0042	PR	16" x 36" Plantation Shutter	299.91	28.20
12 23 00 00-0043	PR	16" x 40" Plantation Shutter	332.49	29.61
12 23 00 00-0044	PR	16" x 44" Plantation Shutter	362.27	31.02
12 23 00 00-0045	PR	16" x 48" Plantation Shutter	394.85	32.43
12 23 00 00-0046	PR	16" x 52" Plantation Shutter	424.63	33.84
12 23 00 00-0047	PR	16" x 56" Plantation Shutter	454.43	35.25
12 23 00 00-0048	PR	16" x 60" Plantation Shutter	484.20	36.66
12 23 00 00-0049	PR	16" x 64" Plantation Shutter	519.57	38.07
12 23 00 00-0050	PR	16" x 68" Plantation Shutter	549.36	39.48
12 23 00 00-0051	PR	16" x 72" Plantation Shutter	579.15	40.89
12 23 00 00-0052	PR	16" x 76" Plantation Shutter	611.72	42.30
12 23 00 00-0053	PR	16" x 80" Plantation Shutter	641.50	43.71
12 23 00 00-0054		**18" Wide** *(12 23 00 00-0001)*		
12 23 00 00-0055	PR	18" x 36" Plantation Shutter	325.03	28.20
12 23 00 00-0056	PR	18" x 40" Plantation Shutter	357.60	29.61
12 23 00 00-0057	PR	18" x 44" Plantation Shutter	390.18	31.02
12 23 00 00-0058	PR	18" x 48" Plantation Shutter	425.54	32.43
12 23 00 00-0059	PR	18" x 52" Plantation Shutter	458.12	33.84
12 23 00 00-0060	PR	18" x 56" Plantation Shutter	493.50	35.25
12 23 00 00-0061	PR	18" x 60" Plantation Shutter	526.06	36.66
12 23 00 00-0062	PR	18" x 64" Plantation Shutter	558.64	38.07
12 23 00 00-0063	PR	18" x 68" Plantation Shutter	591.22	39.48
12 23 00 00-0064	PR	18" x 72" Plantation Shutter	626.59	40.89
12 23 00 00-0065	PR	18" x 76" Plantation Shutter	659.16	42.30
12 23 00 00-0066	PR	18" x 80" Plantation Shutter	694.52	43.71
12 23 00 00-0067		**20" Wide** *(12 23 00 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 00 00-0068	PR	20" x 36" Plantation Shutter	352.93	28.20
12 23 00 00-0069	PR	20" x 40" Plantation Shutter	391.09	29.61
12 23 00 00-0070	PR	20" x 44" Plantation Shutter	426.46	31.02
12 23 00 00-0071	PR	20" x 48" Plantation Shutter	461.82	32.43
12 23 00 00-0072	PR	20" x 52" Plantation Shutter	499.98	33.84
12 23 00 00-0073	PR	20" x 56" Plantation Shutter	535.36	35.25
12 23 00 00-0074	PR	20" x 60" Plantation Shutter	573.50	36.66
12 23 00 00-0075	PR	20" x 64" Plantation Shutter	608.87	38.07
12 23 00 00-0076	PR	20" x 68" Plantation Shutter	647.03	39.48
12 23 00 00-0077	PR	20" x 72" Plantation Shutter	682.40	40.89
12 23 00 00-0078	PR	20" x 76" Plantation Shutter	720.55	42.30
12 23 00 00-0079	PR	20" x 80" Plantation Shutter	755.92	43.71
12 23 00 00-0080		22" Wide *(12 23 00 00-0001)*		
12 23 00 00-0081	PR	22" x 36" Plantation Shutter	375.26	28.20
12 23 00 00-0082	PR	22" x 40" Plantation Shutter	416.20	29.61
12 23 00 00-0083	PR	22" x 44" Plantation Shutter	454.36	31.02
12 23 00 00-0084	PR	22" x 48" Plantation Shutter	4,678.33	32.43
12 23 00 00-0085	PR	22" x 52" Plantation Shutter	533.47	33.84
12 23 00 00-0086	PR	22" x 56" Plantation Shutter	571.63	35.25
12 23 00 00-0087	PR	22" x 60" Plantation Shutter	609.78	36.66
12 23 00 00-0088	PR	22" x 64" Plantation Shutter	650.73	38.07
12 23 00 00-0089	PR	22" x 68" Plantation Shutter	688.88	39.48
12 23 00 00-0090	PR	22" x 72" Plantation Shutter	729.84	40.89
12 23 00 00-0091	PR	22" x 76" Plantation Shutter	767.99	42.30
12 23 00 00-0092	PR	22" x 80" Plantation Shutter	808.94	43.71
12 23 00 00-0093		24" Wide *(12 23 00 00-0001)*		
12 23 00 00-0094	PR	24" x 36" Plantation Shutter	397.58	28.20
12 23 00 00-0095	PR	24" x 40" Plantation Shutter	441.32	29.61
12 23 00 00-0096	PR	24" x 44" Plantation Shutter	482.27	31.02
12 23 00 00-0097	PR	24" x 48" Plantation Shutter	526.00	32.43
12 23 00 00-0098	PR	24" x 52" Plantation Shutter	566.95	33.84
12 23 00 00-0099	PR	24" x 56" Plantation Shutter	607.91	35.25
12 23 00 00-0100	PR	24" x 60" Plantation Shutter	648.85	36.66
12 23 00 00-0101	PR	24" x 64" Plantation Shutter	692.59	38.07
12 23 00 00-0102	PR	24" x 68" Plantation Shutter	733.53	39.48
12 23 00 00-0103	PR	24" x 72" Plantation Shutter	777.28	40.89
12 23 00 00-0104	PR	24" x 76" Plantation Shutter	818.22	42.30
12 23 00 00-0105	PR	24" x 80" Plantation Shutter	861.96	43.71

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	13.96	0.55
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	13.96	0.55

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	17.90	0.55

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	13.96	0.55

12 24 13 00-0009 Motorized Lightproof Shades *(12 24 13)*

12 24 13 00-0010	SF	Motorized Lightproof Shades, Up To 144" Width	40.60	2.20

12 24 13 00-0011 MechoShade *(12 24 13)*
Note: Includes all hardware required for installation and stainless steel chain operator.

12 24 13 00-0012 ThermoVeil 0700 Series (Blackout) Shade *(12 24 13 00-0011)*

12 24 13 00-0013	EA	3' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	204.24	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0014	EA	3' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	246.91	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0015	EA	3' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	268.09	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0016	EA	3' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	285.35	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0017	EA	4' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	214.01	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0018	EA	4' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	262.54	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0019	EA	4' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	279.82	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0020	EA	4' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	300.99	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0021	EA	5' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	225.74	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0022	EA	5' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	280.13	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0023	EA	5' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	297.41	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0024	EA	5' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	318.58	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0025	EA	6' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	235.51	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0026	EA	6' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	297.72	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0027	EA	6' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	314.99	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0028	EA	6' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	334.21	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0029	EA	7' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	245.28	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0030	EA	7' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	315.31	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0031	EA	7' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	332.58	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0032	EA	7' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	353.76	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0033	EA	8' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	257.01	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0034	EA	8' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	334.86	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0035	EA	8' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	352.13	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0036	EA	8' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	371.34	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0037	EA	9' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	266.78	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0038	EA	9' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	352.45	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0039	EA	9' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	369.72	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0040	EA	9' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	388.93	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0041	EA	10' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	276.55	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0042	EA	10' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	370.04	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0043	EA	10' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	387.31	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0044	EA	10' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	435.84	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0045	EA	11' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	296.10	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0046	EA	11' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	403.26	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0047	EA	11' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	420.58	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0048	EA	11' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	459.29	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0049	EA	12' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	362.55	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0050	EA	12' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	422.80	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0051	EA	12' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	440.08	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0052	EA	12' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	484.70	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0053		ThermoVeil 0900 And 3000 Series Shade *(12 24 13 00-0011)*		
12 24 13 00-0054	EA	3' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	233.56	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0055	EA	3' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	286.00	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0056	EA	3' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	313.04	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0057	EA	3' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	336.17	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0058	EA	3' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	417.93	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0059	EA	3' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	433.23	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0060	EA	4' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	251.14	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0061	EA	4' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	313.36	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0062	EA	4' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	344.31	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0063	EA	4' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	369.39	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0064	EA	4' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	458.98	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0065	EA	4' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	476.23	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0066	EA	5' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	266.78	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0067	EA	5' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	342.67	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0068	EA	5' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	377.54	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0069	EA	5' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	402.62	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0070	EA	5' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	503.93	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0071	EA	5' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	521.18	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0072	EA	6' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	286.32	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0073	EA	6' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	371.99	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0074	EA	6' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	408.81	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0075	EA	6' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	437.79	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0076	EA	6' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	548.88	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0077	EA	6' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	566.13	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0078	EA	7' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	301.96	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0079	EA	7' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	397.40	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0080	EA	7' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	442.03	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0081	EA	7' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	471.02	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0082	EA	7' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	591.87	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0083	EA	7' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	708.80	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0084	EA	8' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	321.50	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0085	EA	8' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	426.71	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0086	EA	8' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	473.30	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0087	EA	8' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	504.24	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0088	EA	8' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	636.83	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0089	EA	8' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	761.57	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0090	EA	9' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	337.14	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0091	EA	9' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	454.07	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0092	EA	9' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	504.57	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0093	EA	9' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	537.47	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0094	EA	9' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	681.78	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0095	EA	9' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	806.52	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0096	EA	10' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	354.73	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0097	EA	10' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	485.35	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0098	EA	10' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	539.75	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0099	EA	10' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	572.65	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0100	EA	10' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	740.41	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0101	EA	10' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	851.47	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0102	EA	11' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	387.95	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0103	EA	11' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	520.52	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0104	EA	11' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	586.66	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0105	EA	11' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	623.46	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0106	EA	11' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	814.68	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0107	EA	11' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	925.74	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0108	EA	12' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	473.95	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0109	EA	12' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	555.70	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0110	EA	12' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	629.65	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0111	EA	12' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	666.46	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0112	EA	12' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	851.81	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0113	EA	12' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	968.74	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	

12 24 13 00-0114 EuroVeil 5100, 5200 And 5300 Series Shade *(12 24 13 00-0011)*

12 24 13 00-0115	EA	3' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	247.24	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0116	EA	3' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	266.45	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0117	EA	3' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	305.22	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0118	EA	3' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	361.57	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0119	EA	3' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	404.25	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0120	EA	3' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	443.00	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0121	EA	4' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	266.78	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0122	EA	4' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	286.00	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0123	EA	4' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	334.54	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0124	EA	4' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	402.62	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0125	EA	4' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	445.29	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0126	EA	4' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	462.55	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0127	EA	5' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	286.32	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0128	EA	5' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	303.59	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0129	EA	5' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	361.90	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0130	EA	5' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	443.66	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0131	EA	5' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	486.34	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0132	EA	5' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	503.59	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0133	EA	6' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	307.82	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0134	EA	6' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	325.08	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0135	EA	6' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	389.26	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0136	EA	6' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	484.70	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0137	EA	6' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	527.38	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0138	EA	6' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	648.21	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0139	EA	7' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	327.37	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0140	EA	7' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	344.63	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0141	EA	7' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	414.67	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0142	EA	7' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	525.74	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0143	EA	7' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	568.42	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0144	EA	7' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	689.26	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0145	EA	8' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	348.86	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0146	EA	8' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	366.13	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0147	EA	8' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	443.99	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0148	EA	8' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	566.78	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0149	EA	8' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	625.10	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0150	EA	8' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	724.44	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0151	EA	9' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	368.41	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0152	EA	9' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	383.72	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0153	EA	9' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	473.30	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0154	EA	9' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	615.64	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0155	EA	9' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	658.32	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0156	EA	9' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	765.48	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0157	EA	10' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	387.95	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0158	EA	10' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	405.21	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0159	EA	10' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	498.71	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0160	EA	10' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	650.82	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0161	EA	10' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	695.46	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0162	EA	10' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	822.16	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0163	EA	11' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	436.81	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0164	EA	11' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	454.07	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0165	EA	11' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	565.16	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0166	EA	11' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	715.32	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0167	EA	11' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	767.77	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0168	EA	11' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	886.65	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0169	EA	12' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	514.99	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0170	EA	12' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	475.57	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0171	EA	12' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	596.43	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0172	EA	12' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	756.36	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0173	EA	12' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	810.77	26.23
		For Installation In Concrete Or Steel, Add	*26.03*	
		For Window Top >10' Above Finished Floor, Add	*13.01*	
12 24 13 00-0174	EA	12' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	927.69	29.97
		For Installation In Concrete Or Steel, Add	*29.74*	
		For Window Top >10' Above Finished Floor, Add	*14.87*	
12 24 13 00-0175		**Snaplock Fascia** *(12 24 13 00-0011)*		
12 24 13 00-0176	EA	3' Wide Mecho Slimline, Regular Snaplock Fascia	29.16	1.87
		For Installation In Concrete Or Steel, Add	*1.86*	
		For Window Top >10' Above Finished Floor, Add	*0.93*	
12 24 13 00-0177	EA	4' Wide Mecho Slimline, Regular Snaplock Fascia	38.22	2.50
		For Installation In Concrete Or Steel, Add	*2.48*	
		For Window Top >10' Above Finished Floor, Add	*1.24*	
12 24 13 00-0178	EA	5' Wide Mecho Slimline, Regular Snaplock Fascia	47.28	3.12
		For Installation In Concrete Or Steel, Add	*3.10*	
		For Window Top >10' Above Finished Floor, Add	*1.55*	
12 24 13 00-0179	EA	6' Wide Mecho Slimline, Regular Snaplock Fascia	60.26	3.75
		For Installation In Concrete Or Steel, Add	*3.72*	
		For Window Top >10' Above Finished Floor, Add	*1.86*	
12 24 13 00-0180	EA	7' Wide Mecho Slimline, Regular Snaplock Fascia	67.37	4.37
		For Installation In Concrete Or Steel, Add	*4.34*	
		For Window Top >10' Above Finished Floor, Add	*2.17*	
12 24 13 00-0181	EA	8' Wide Mecho Slimline, Regular Snaplock Fascia	78.39	5.00
		For Installation In Concrete Or Steel, Add	*4.96*	
		For Window Top >10' Above Finished Floor, Add	*2.48*	
12 24 13 00-0182	EA	9' Wide Mecho Slimline, Regular Snaplock Fascia	89.42	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0183	EA	10' Wide Mecho Slimline, Regular Snaplock Fascia	98.48	6.24
		For Installation In Concrete Or Steel, Add	*6.20*	
		For Window Top >10' Above Finished Floor, Add	*3.10*	
12 24 13 00-0184	EA	11' Wide Mecho Slimline, Regular Snaplock Fascia	107.55	6.86
		For Installation In Concrete Or Steel, Add	*6.82*	
		For Window Top >10' Above Finished Floor, Add	*3.41*	
12 24 13 00-0185	EA	12' Wide Mecho Slimline, Regular Snaplock Fascia	173.30	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	
12 24 13 00-0186	EA	3' Wide Mecho Extended, Regular Snaplock Fascia	54.56	1.87
		For Installation In Concrete Or Steel, Add	*1.86*	
		For Window Top >10' Above Finished Floor, Add	*0.93*	
12 24 13 00-0187	EA	4' Wide Mecho Extended, Regular Snaplock Fascia	73.40	2.50
		For Installation In Concrete Or Steel, Add	*2.48*	
		For Window Top >10' Above Finished Floor, Add	*1.24*	
12 24 13 00-0188	EA	5' Wide Mecho Extended, Regular Snaplock Fascia	90.28	3.12
		For Installation In Concrete Or Steel, Add	*3.10*	
		For Window Top >10' Above Finished Floor, Add	*1.55*	
12 24 13 00-0189	EA	6' Wide Mecho Extended, Regular Snaplock Fascia	107.16	3.75
		For Installation In Concrete Or Steel, Add	*3.72*	
		For Window Top >10' Above Finished Floor, Add	*1.86*	
12 24 13 00-0190	EA	7' Wide Mecho Extended, Regular Snaplock Fascia	126.00	4.37
		For Installation In Concrete Or Steel, Add	*4.34*	
		For Window Top >10' Above Finished Floor, Add	*2.17*	
12 24 13 00-0191	EA	8' Wide Mecho Extended, Regular Snaplock Fascia	142.89	5.00
		For Installation In Concrete Or Steel, Add	*4.96*	
		For Window Top >10' Above Finished Floor, Add	*2.48*	
12 24 13 00-0192	EA	9' Wide Mecho Extended, Regular Snaplock Fascia	161.73	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	
12 24 13 00-0193	EA	10' Wide Mecho Extended, Regular Snaplock Fascia	182.52	6.24
		For Installation In Concrete Or Steel, Add	*6.20*	
		For Window Top >10' Above Finished Floor, Add	*3.10*	
12 24 13 00-0194	EA	11' Wide Mecho Extended, Regular Snaplock Fascia	197.45	6.86
		For Installation In Concrete Or Steel, Add	*6.82*	
		For Window Top >10' Above Finished Floor, Add	*3.41*	
12 24 13 00-0195	EA	12' Wide Mecho Extended, Regular Snaplock Fascia	325.74	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	

12 24 13 00-0196 Room Darkening Sill And Side Channel *(12 24 13 00-0011)*

12 24 13 00-0197	EA	36" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	38.60	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	
12 24 13 00-0198	EA	48" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	50.17	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	
12 24 13 00-0199	EA	60" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	65.65	9.37
		For Installation In Concrete Or Steel, Add	*9.30*	
		For Window Top >10' Above Finished Floor, Add	*4.65*	
12 24 13 00-0200	EA	72" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	79.16	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0201	EA	84" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	90.73	13.12
		For Installation In Concrete Or Steel, Add	*13.02*	
		For Window Top >10' Above Finished Floor, Add	*6.51*	
12 24 13 00-0202	EA	96" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	104.24	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0203	EA	108" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	117.76	16.86
		For Installation In Concrete Or Steel, Add	*16.73*	
		For Window Top >10' Above Finished Floor, Add	*8.37*	
12 24 13 00-0204	EA	120" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	129.33	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0205	EA	132" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	140.88	20.61
		For Installation In Concrete Or Steel, Add	*20.45*	
		For Window Top >10' Above Finished Floor, Add	*10.22*	
12 24 13 00-0206	EA	144" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	154.41	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0207	EA	36" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	38.60	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	
12 24 13 00-0208	EA	48" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	83.39	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	
12 24 13 00-0209	EA	60" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	104.73	9.37
		For Installation In Concrete Or Steel, Add	*9.30*	
		For Window Top >10' Above Finished Floor, Add	*4.65*	
12 24 13 00-0210	EA	72" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	122.15	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0211	EA	84" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	145.45	13.12
		For Installation In Concrete Or Steel, Add	*13.02*	
		For Window Top >10' Above Finished Floor, Add	*6.51*	
12 24 13 00-0212	EA	96" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	164.82	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0213	EA	108" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	195.94	16.86
		For Installation In Concrete Or Steel, Add	*16.73*	
		For Window Top >10' Above Finished Floor, Add	*8.37*	
12 24 13 00-0214	EA	120" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	217.27	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0215	EA	132" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	240.56	20.61
		For Installation In Concrete Or Steel, Add	*20.45*	
		For Window Top >10' Above Finished Floor, Add	*10.22*	
12 24 13 00-0216	EA	144" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	259.94	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0217	EA	36" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	50.33	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	
12 24 13 00-0218	EA	48" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	69.71	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	
12 24 13 00-0219	EA	60" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	87.14	9.37
		For Installation In Concrete Or Steel, Add	*9.30*	
		For Window Top >10' Above Finished Floor, Add	*4.65*	
12 24 13 00-0220	EA	72" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	104.56	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0221	EA	84" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	120.04	13.12
		For Installation In Concrete Or Steel, Add	*13.02*	
		For Window Top >10' Above Finished Floor, Add	*6.51*	
12 24 13 00-0222	EA	96" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	137.46	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0223	EA	108" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	154.89	16.86
		For Installation In Concrete Or Steel, Add	*16.73*	
		For Window Top >10' Above Finished Floor, Add	*8.37*	
12 24 13 00-0224	EA	120" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	170.37	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0225	EA	132" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	187.79	20.61
		For Installation In Concrete Or Steel, Add	*20.45*	
		For Window Top >10' Above Finished Floor, Add	*10.22*	
12 24 13 00-0226	EA	144" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	207.18	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	
12 24 13 00-0227	EA	36" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	91.37	5.61
		For Installation In Concrete Or Steel, Add	*5.58*	
		For Window Top >10' Above Finished Floor, Add	*2.79*	
12 24 13 00-0228	EA	48" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	118.57	7.49
		For Installation In Concrete Or Steel, Add	*7.44*	
		For Window Top >10' Above Finished Floor, Add	*3.72*	
12 24 13 00-0229	EA	60" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	147.73	9.37
		For Installation In Concrete Or Steel, Add	*9.30*	
		For Window Top >10' Above Finished Floor, Add	*4.65*	
12 24 13 00-0230	EA	72" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	180.79	11.25
		For Installation In Concrete Or Steel, Add	*11.16*	
		For Window Top >10' Above Finished Floor, Add	*5.58*	
12 24 13 00-0231	EA	84" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	207.99	13.12
		For Installation In Concrete Or Steel, Add	*13.02*	
		For Window Top >10' Above Finished Floor, Add	*6.51*	
12 24 13 00-0232	EA	96" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	239.09	15.00
		For Installation In Concrete Or Steel, Add	*14.87*	
		For Window Top >10' Above Finished Floor, Add	*7.44*	
12 24 13 00-0233	EA	108" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	268.25	16.86
		For Installation In Concrete Or Steel, Add	*16.73*	
		For Window Top >10' Above Finished Floor, Add	*8.37*	
12 24 13 00-0234	EA	120" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	299.36	18.74
		For Installation In Concrete Or Steel, Add	*18.59*	
		For Window Top >10' Above Finished Floor, Add	*9.30*	
12 24 13 00-0235	EA	132" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	326.55	20.61
		For Installation In Concrete Or Steel, Add	*20.45*	
		For Window Top >10' Above Finished Floor, Add	*10.22*	
12 24 13 00-0236	EA	144" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	355.71	22.48
		For Installation In Concrete Or Steel, Add	*22.31*	
		For Window Top >10' Above Finished Floor, Add	*11.15*	

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12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0001		34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*		
12 31 16 00-0002		18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*		
12 31 16 00-0003		18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,567.65	211.50
		For 16 Gauge Stainless Steel, Add	*246.07*	
		For >5 To 9, Deduct	*-60.09*	
		For >9, Deduct	*-120.17*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,539.76	211.50
		For 16 Gauge Stainless Steel, Add	*455.07*	
		For >5 To 9, Deduct	*-111.12*	
		For >9, Deduct	*-222.25*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,356.33	211.50
		For 16 Gauge Stainless Steel, Add	*415.64*	
		For >5 To 9, Deduct	*-101.49*	
		For >9, Deduct	*-202.98*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,172.90	211.50
		For 16 Gauge Stainless Steel, Add	*376.20*	
		For >5 To 9, Deduct	*-91.86*	
		For >9, Deduct	*-183.72*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,110.65	211.50
		For 16 Gauge Stainless Steel, Add	*362.81*	
		For >5 To 9, Deduct	*-88.59*	
		For >9, Deduct	*-177.19*	
12 31 16 00-0009		24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,261.98	228.59
		For 16 Gauge Stainless Steel, Add	*387.96*	
		For >5 To 9, Deduct	*-94.73*	
		For >9, Deduct	*-189.47*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,038.15	228.59
		For 16 Gauge Stainless Steel, Add	*339.84*	
		For >5 To 9, Deduct	*-82.98*	
		For >9, Deduct	*-165.97*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,087.15	228.59
		For 16 Gauge Stainless Steel, Add	*350.37*	
		For >5 To 9, Deduct	*-85.56*	
		For >9, Deduct	*-171.11*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,314.95	228.59
		For 16 Gauge Stainless Steel, Add	*399.35*	
		For >5 To 9, Deduct	*-97.52*	
		For >9, Deduct	*-195.03*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,005.63	228.59
		For 16 Gauge Stainless Steel, Add	*547.84*	
		For >5 To 9, Deduct	*-133.78*	
		For >9, Deduct	*-267.55*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,301.63	228.59
		For 16 Gauge Stainless Steel, Add	*611.48*	
		For >5 To 9, Deduct	*-149.32*	
		For >9, Deduct	*-298.63*	
12 31 16 00-0016		30" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	1,992.90	240.89
		For 16 Gauge Stainless Steel, Add	*324.93*	
		For >5 To 9, Deduct	*-79.34*	
		For >9, Deduct	*-158.69*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,890.84	240.89
		For 16 Gauge Stainless Steel, Add	*517.99*	
		For >5 To 9, Deduct	*-126.49*	
		For >9, Deduct	*-252.97*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,716.60	240.89
		For 16 Gauge Stainless Steel, Add	*695.53*	
		For >5 To 9, Deduct	*-169.84*	
		For >9, Deduct	*-339.68*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,420.60	240.89
		For 16 Gauge Stainless Steel, Add	*631.89*	
		For >5 To 9, Deduct	*-154.30*	
		For >9, Deduct	*-308.60*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,237.17	240.89
		For 16 Gauge Stainless Steel, Add	*592.45*	
		For >5 To 9, Deduct	*-144.67*	
		For >9, Deduct	*-289.34*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,492.86	240.89
		For 16 Gauge Stainless Steel, Add	*432.42*	
		For >5 To 9, Deduct	*-105.59*	
		For >9, Deduct	*-211.18*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	2,470.34	240.89
		For 16 Gauge Stainless Steel, Add	*427.58*	
		For >5 To 9, Deduct	*-104.41*	
		For >9, Deduct	*-208.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0024		**36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,200.83	250.45
		For 16 Gauge Stainless Steel, Add	*365.38*	
		For >5 To 9, Deduct	*-89.22*	
		For >9, Deduct	*-178.44*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,678.94	250.45
		For 16 Gauge Stainless Steel, Add	*468.17*	
		For >5 To 9, Deduct	*-114.32*	
		For >9, Deduct	*-228.64*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,502.80	250.45
		For 16 Gauge Stainless Steel, Add	*430.30*	
		For >5 To 9, Deduct	*-105.07*	
		For >9, Deduct	*-210.15*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,922.55	250.45
		For 16 Gauge Stainless Steel, Add	*735.55*	
		For >5 To 9, Deduct	*-179.61*	
		For >9, Deduct	*-359.22*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,627.21	250.45
		For 16 Gauge Stainless Steel, Add	*672.05*	
		For >5 To 9, Deduct	*-164.11*	
		For >9, Deduct	*-328.21*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,310.50	266.16
		For 16 Gauge Stainless Steel, Add	*382.30*	
		For >5 To 9, Deduct	*-93.35*	
		For >9, Deduct	*-186.70*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,137.51	266.16
		For 16 Gauge Stainless Steel, Add	*775.10*	
		For >5 To 9, Deduct	*-189.27*	
		For >9, Deduct	*-378.54*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,841.51	266.16
		For 16 Gauge Stainless Steel, Add	*711.46*	
		For >5 To 9, Deduct	*-173.73*	
		For >9, Deduct	*-347.46*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,534.91	266.16
		For 16 Gauge Stainless Steel, Add	*645.54*	
		For >5 To 9, Deduct	*-157.63*	
		For >9, Deduct	*-315.27*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,718.41	266.16
		For 16 Gauge Stainless Steel, Add	*470.00*	
		For >5 To 9, Deduct	*-114.77*	
		For >9, Deduct	*-229.53*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	2,891.91	266.16
		For 16 Gauge Stainless Steel, Add	*507.30*	
		For >5 To 9, Deduct	*-123.88*	
		For >9, Deduct	*-247.75*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,338.94	272.32
		For 16 Gauge Stainless Steel, Add	*815.86*	
		For >5 To 9, Deduct	*-199.22*	
		For >9, Deduct	*-398.44*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	4,043.60	272.32
		For 16 Gauge Stainless Steel, Add	*752.36*	
		For >5 To 9, Deduct	*-183.72*	
		For >9, Deduct	*-367.43*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,511.93	272.32
		For 16 Gauge Stainless Steel, Add	*423.05*	
		For >5 To 9, Deduct	*-103.30*	
		For >9, Deduct	*-206.61*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,737.00	272.32
		For 16 Gauge Stainless Steel, Add	*686.44*	
		For >5 To 9, Deduct	*-167.62*	
		For >9, Deduct	*-335.24*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	3,095.33	272.32
		For 16 Gauge Stainless Steel, Add	*548.48*	
		For >5 To 9, Deduct	*-133.93*	
		For >9, Deduct	*-267.86*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	3,047.65	272.32
		For 16 Gauge Stainless Steel, Add	*538.23*	
		For >5 To 9, Deduct	*-131.43*	
		For >9, Deduct	*-262.86*	
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	3,016.09	280.61
		For 16 Gauge Stainless Steel, Add	*527.86*	
		For >5 To 9, Deduct	*-128.90*	
		For >9, Deduct	*-257.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0046		18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets *(12 31 16 00-0001)*		
12 31 16 00-0047		12" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,210.03	80.52
		For 16 Gauge Stainless Steel, Add	*225.53*	
		For >5 To 9, Deduct	*-55.07*	
		For >9, Deduct	*-110.14*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,205.66	85.40
		For 16 Gauge Stainless Steel, Add	*222.49*	
		For >5 To 9, Deduct	*-54.33*	
		For >9, Deduct	*-108.66*	
12 31 16 00-0050		18" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,268.62	86.57
		For 16 Gauge Stainless Steel, Add	*235.50*	
		For >5 To 9, Deduct	*-57.51*	
		For >9, Deduct	*-115.01*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,196.45	86.57
		For 16 Gauge Stainless Steel, Add	*219.99*	
		For >5 To 9, Deduct	*-53.72*	
		For >9, Deduct	*-107.43*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,403.07	94.18
		For 16 Gauge Stainless Steel, Add	*261.15*	
		For >5 To 9, Deduct	*-63.77*	
		For >9, Deduct	*-127.54*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,358.70	94.18
		For 16 Gauge Stainless Steel, Add	*251.61*	
		For >5 To 9, Deduct	*-61.44*	
		For >9, Deduct	*-122.88*	
12 31 16 00-0055		24" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,054.58	95.85
		For 16 Gauge Stainless Steel, Add	*185.53*	
		For >5 To 9, Deduct	*-45.30*	
		For >9, Deduct	*-90.61*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,432.04	95.85
		For 16 Gauge Stainless Steel, Add	*266.69*	
		For >5 To 9, Deduct	*-65.12*	
		For >9, Deduct	*-130.24*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,360.52	95.85
		For 16 Gauge Stainless Steel, Add	*251.31*	
		For >5 To 9, Deduct	*-61.37*	
		For >9, Deduct	*-122.73*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,348.15	89.50
		For 16 Gauge Stainless Steel, Add	*251.33*	
		For >5 To 9, Deduct	*-61.37*	
		For >9, Deduct	*-122.74*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,271.99	89.50
		For 16 Gauge Stainless Steel, Add	*234.95*	
		For >5 To 9, Deduct	*-57.37*	
		For >9, Deduct	*-114.74*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	1,628.92	89.50
		For 16 Gauge Stainless Steel, Add	*311.69*	
		For >5 To 9, Deduct	*-76.11*	
		For >9, Deduct	*-152.22*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	966.06	89.50
		For 16 Gauge Stainless Steel, Add	*169.18*	
		For >5 To 9, Deduct	*-41.31*	
		For >9, Deduct	*-82.62*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	909.65	85.40
		For 16 Gauge Stainless Steel, Add	*158.85*	
		For >5 To 9, Deduct	*-38.79*	
		For >9, Deduct	*-77.58*	
12 31 16 00-0064		30" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,857.36	101.80
		For 16 Gauge Stainless Steel, Add	*355.55*	
		For >5 To 9, Deduct	*-86.82*	
		For >9, Deduct	*-173.64*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,683.86	101.80
		For 16 Gauge Stainless Steel, Add	*318.25*	
		For >5 To 9, Deduct	*-77.71*	
		For >9, Deduct	*-155.43*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,132.25	101.80
		For 16 Gauge Stainless Steel, Add	*199.66*	
		For >5 To 9, Deduct	*-48.75*	
		For >9, Deduct	*-97.51*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,766.73	93.70
		For 16 Gauge Stainless Steel, Add	*339.54*	
		For >5 To 9, Deduct	*-82.91*	
		For >9, Deduct	*-165.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,593.23	93.70
		For 16 Gauge Stainless Steel, Add	*302.24*	
		For >5 To 9, Deduct	*-73.80*	
		For >9, Deduct	*-147.61*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,041.62	93.70
		For 16 Gauge Stainless Steel, Add	*183.64*	
		For >5 To 9, Deduct	*-44.84*	
		For >9, Deduct	*-89.69*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	984.89	89.31
		For 16 Gauge Stainless Steel, Add	*173.37*	
		For >5 To 9, Deduct	*-42.33*	
		For >9, Deduct	*-84.67*	
12 31 16 00-0072		36" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,931.52	104.73
		For 16 Gauge Stainless Steel, Add	*370.25*	
		For >5 To 9, Deduct	*-90.41*	
		For >9, Deduct	*-180.82*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,754.05	104.73
		For 16 Gauge Stainless Steel, Add	*332.09*	
		For >5 To 9, Deduct	*-81.09*	
		For >9, Deduct	*-162.18*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,206.42	104.73
		For 16 Gauge Stainless Steel, Add	*214.35*	
		For >5 To 9, Deduct	*-52.34*	
		For >9, Deduct	*-104.68*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,839.95	95.85
		For 16 Gauge Stainless Steel, Add	*354.39*	
		For >5 To 9, Deduct	*-86.54*	
		For >9, Deduct	*-173.07*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,667.12	95.85
		For 16 Gauge Stainless Steel, Add	*317.23*	
		For >5 To 9, Deduct	*-77.46*	
		For >9, Deduct	*-154.93*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,114.84	95.85
		For 16 Gauge Stainless Steel, Add	*198.49*	
		For >5 To 9, Deduct	*-48.47*	
		For >9, Deduct	*-96.94*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,059.35	91.26
		For 16 Gauge Stainless Steel, Add	*188.51*	
		For >5 To 9, Deduct	*-46.03*	
		For >9, Deduct	*-92.06*	
12 31 16 00-0080		42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,024.41	131.76
		For 16 Gauge Stainless Steel, Add	*378.63*	
		For >5 To 9, Deduct	*-92.46*	
		For >9, Deduct	*-184.91*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,027.94	124.34
		For 16 Gauge Stainless Steel, Add	*382.57*	
		For >5 To 9, Deduct	*-93.42*	
		For >9, Deduct	*-186.83*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,851.79	124.34
		For 16 Gauge Stainless Steel, Add	*344.69*	
		For >5 To 9, Deduct	*-84.17*	
		For >9, Deduct	*-168.34*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,301.50	124.34
		For 16 Gauge Stainless Steel, Add	*226.38*	
		For >5 To 9, Deduct	*-55.28*	
		For >9, Deduct	*-110.56*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,911.99	104.43
		For 16 Gauge Stainless Steel, Add	*366.18*	
		For >5 To 9, Deduct	*-89.41*	
		For >9, Deduct	*-178.83*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,737.17	104.43
		For 16 Gauge Stainless Steel, Add	*328.59*	
		For >5 To 9, Deduct	*-80.24*	
		For >9, Deduct	*-160.47*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,186.88	104.43
		For 16 Gauge Stainless Steel, Add	*210.28*	
		For >5 To 9, Deduct	*-51.35*	
		For >9, Deduct	*-102.69*	
12 31 16 00-0088		48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,781.75	131.76
		For 16 Gauge Stainless Steel, Add	*325.32*	
		For >5 To 9, Deduct	*-79.44*	
		For >9, Deduct	*-158.88*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,100.67	127.08
		For 16 Gauge Stainless Steel, Add	*397.00*	
		For >5 To 9, Deduct	*-96.94*	
		For >9, Deduct	*-193.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,927.17	127.08
		For 16 Gauge Stainless Steel, Add	*359.69*	
		For >5 To 9, Deduct	*-87.83*	
		For >9, Deduct	*-175.66*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,375.56	127.08
		For 16 Gauge Stainless Steel, Add	*241.10*	
		For >5 To 9, Deduct	*-58.87*	
		For >9, Deduct	*-117.74*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,984.05	105.41
		For 16 Gauge Stainless Steel, Add	*381.21*	
		For >5 To 9, Deduct	*-93.09*	
		For >9, Deduct	*-186.17*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,811.21	105.41
		For 16 Gauge Stainless Steel, Add	*344.05*	
		For >5 To 9, Deduct	*-84.01*	
		For >9, Deduct	*-168.03*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,258.94	105.41
		For 16 Gauge Stainless Steel, Add	*225.32*	
		For >5 To 9, Deduct	*-55.02*	
		For >9, Deduct	*-110.04*	
12 31 16 00-0096		Accessories *(12 31 16 00-0001)*		
12 31 16 00-0097		Stainless Steel Countertops *(12 31 16 00-0096)*		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	125.43	5.37
		For 14 Gauge Stainless Steel, Add	*25.35*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	114.70	5.37
		For 14 Gauge Stainless Steel, Add	*22.98*	
12 31 16 00-0100	EA	Cutout For Sink And/Or Faucet In Stainless Steel Countertop	139.76	
12 31 16 00-0101		Stainless Steel Wall Panels *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	30.90	8.00
		For 18 Gauge Stainless Steel, Add	*4.05*	
		For 16 Gauge Stainless Steel, Add	*7.79*	
12 31 16 00-0103		Pedestal Legs *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	263.69	12.20
12 31 16 00-0105		Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*		
12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	289.15	23.30

12 35 Specialty Casework *(12 30)*

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001		Modular Casework *(12 35 70 13)*		
		Note: Midmark.		
12 35 70 13-0002	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	857.27	84.94
12 35 70 13-0003	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	1,063.36	106.17
12 35 70 13-0004	EA	36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	1,490.33	84.94
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve (Midmark MC-SBS009-363624)	1,711.61	106.17
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door (Midmark MC-SBP006-243624)	969.96	84.94
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors (Midmark MC-SBP007-363624)	1,303.92	106.17
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-153624)	973.76	84.94
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-183624)	1,048.46	84.94
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-213624)	1,113.03	84.94
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-303624)	1,391.28	106.17
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-363624)	1,412.81	106.17
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-243624)	1,306.75	84.94
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-303624)	1,517.89	106.17
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-363624)	1,564.74	106.17
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-123624)	1,143.42	84.94
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-153624)	1,176.34	84.94
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-183624)	1,261.17	84.94
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-303624)	2,101.58	106.17
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-363624)	2,220.59	106.17
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-153624)	1,475.14	84.94
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-183624)	1,562.50	84.94
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-213624)	1,713.17	84.94
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors (Midmark MC-STP032-368424)	2,999.77	254.82
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors (Midmark MC-STP081-248424)	2,755.41	254.82
12 35 70 13-0026	EA	Desk Filler Panel (Midmark MC-SDA003-060501)	112.40	21.24
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-123014)	624.31	84.94
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-153014)	612.91	84.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-183014)	653.43	84.94
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-213014)	707.87	84.94
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-243014)	769.91	84.94
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-303014)	881.04	106.17
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-363014)	955.74	106.17
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-303014)	1,173.51	106.17
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-363014)	1,305.19	106.17
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	159.58	13.98
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	314.06	18.63
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit Note: Includes blocking	33.39	11.66

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001 Medical Exam Room Cabinetwork *(12 35 70 19)*

12 35 70 19-0002 Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*

12 35 70 19-0003 Medical Exam Room Wall Cabinets (Clinton Industries®) *(12 35 70 19-0002)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.

12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	479.64	28.88
		For Additional Shelf, Add	*43.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*101.40*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	523.49	28.88
		For Additional Shelf, Add	*43.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*101.40*	
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	854.46	37.73
		For Additional Shelf, Add	*43.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*101.75*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	931.29	39.60
		For Additional Shelf, Add	*43.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*101.82*	
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	1,028.77	42.40
		For Additional Shelf, Add	*43.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*101.93*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	1,163.84	45.19
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*68.62*	
		For Lock And Inside Latch Combo For Double Doors, Add	*102.04*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	1,341.62	48.46
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*68.75*	
		For Lock And Inside Latch Combo For Double Doors, Add	*102.17*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	1,420.30	51.25
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*68.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*102.28*	

12 35 70 19-0012 Medical Exam Room Base Cabinets *(12 35 70 19-0001)*

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) *(12 35 70 19-0012)*

Note: Includes polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	1,614.91	71.28
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Soft Edge Top, Add	*511.67*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	1,671.30	71.28
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Soft Edge Top, Add	*511.67*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	1,880.14	71.28
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Soft Edge Top, Add	*511.67*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	1,896.85	71.28
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Soft Edge Top, Add	*511.67*	
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	2,147.46	71.28
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Soft Edge Top, Add	*511.67*	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) *(12 35 70 19-0012)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76) Note: Includes stainless steel sink and faucet.	807.26	116.47
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*71.45*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	1,124.12	71.28
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*69.66*	
		For Lock And Inside Latch Combo For Double Doors, Add	*103.08*	
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	1,632.62	80.13
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*70.01*	
		For Lock And Inside Latch Combo For Double Doors, Add	*103.43*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,766.79	86.65
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*70.27*	
		For Lock And Inside Latch Combo For Double Doors, Add	*103.69*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	1,927.00	97.84
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*70.71*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.13*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	2,325.24	104.82
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*70.99*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.41*	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	2,571.04	111.81
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*71.27*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.69*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	2,719.48	163.05
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*73.30*	
		For Lock And Inside Latch Combo For Double Doors, Add	*106.72*	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	2,741.65	118.80
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*71.55*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.97*	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	3,122.39	172.38
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*43.86*	
		For Lock For Single Door/Drawer, Add	*73.67*	
		For Lock And Inside Latch Combo For Double Doors, Add	*107.09*	
12 35 70 19-0030		Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*		
12 35 70 19-0031		Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*		
		Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.		
12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,610.24	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,691.69	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,267.45	177.03
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,384.40	177.03
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,025.84	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,109.38	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	3,931.57	177.03
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	4,010.94	177.03
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,439.35	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,527.07	139.76
		For Locks On Single Drawer And All Doors, Add	*662.00*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care) Note: Includes stainless steel sink and faucet.	4,347.18	177.03
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care) Note: Includes stainless steel sink and faucet.	4,432.80	177.03
		For Locks On Single Drawer And All Doors, Add	*664.22*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	3,894.31	158.40
		For Locks On Single Drawer And All Doors, Add	*663.11*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	3,973.68	158.40
		For Locks On Single Drawer And All Doors, Add	*663.11*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet.	4,800.05	195.67
		For Locks On Single Drawer And All Doors, Add	*665.33*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet.	4,894.03	195.67
		For Locks On Single Drawer And All Doors, Add	*665.33*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*

Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	15.93	9.32
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	20.80	9.32
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	26.39	2.79
12 36 23 13-0005	EA	Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	77.64	

12 36 53 Laboratory Countertops *(12 36)*

12 36 53 00-0001 Epoxy Resin Laboratory Countertops *(12 36 53)*

Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.

12 36 53 00-0002	SF	3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	54.76	4.66
12 36 53 00-0003	SF	1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	56.61	4.66
12 36 53 00-0004	SF	1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	69.42	4.66
12 36 53 00-0005	LF	4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	20.53	2.79
12 36 53 00-0006	LF	6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	28.01	2.79

12 36 53 00-0007 Epoxy Resin Laboratory Sinks *(12 36 53)*

Note: Includes cut out for sinks, and sink strainer assembly set.

12 36 53 00-0008 Epoxy Resin Laboratory Undermount Sink *(12 36 53 00-0007)*

12 36 53 00-0009	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	546.99	103.54
12 36 53 00-0010	EA	12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	556.31	103.54
12 36 53 00-0011	EA	12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	655.91	103.54
12 36 53 00-0012	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	556.31	103.54
12 36 53 00-0013	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	589.97	112.25
12 36 53 00-0014	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	623.17	112.25
12 36 53 00-0015	EA	16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,312.97	112.25
12 36 53 00-0016	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink	699.04	112.25
12 36 53 00-0017	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	723.24	119.99
12 36 53 00-0018	EA	24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	894.43	119.99
12 36 53 00-0019	EA	24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,076.99	119.99
12 36 53 00-0020	EA	30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,380.07	119.99
12 36 53 00-0021	EA	31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,211.09	119.99
12 36 53 00-0022	EA	36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,558.68	119.99
12 36 53 00-0023	EA	42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	3,511.18	122.89

12 36 53 00-0024 Epoxy Resin Laboratory Drop-in Sink *(12 36 53 00-0007)*

12 36 53 00-0025	EA	9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	545.60	103.54
12 36 53 00-0026	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	546.97	103.54
12 36 53 00-0027	EA	12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink	642.47	103.54
12 36 53 00-0028	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	556.31	103.54
12 36 53 00-0029	EA	15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	587.36	103.54
12 36 53 00-0030	EA	15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	587.36	103.54
12 36 53 00-0031	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink	589.97	112.25
12 36 53 00-0032	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	623.17	112.25
12 36 53 00-0033	EA	16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	642.19	112.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0034	EA	18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	646.92	112.25
12 36 53 00-0035	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	761.66	112.25
12 36 53 00-0036	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	785.86	119.99
12 36 53 00-0037	EA	25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	803.52	119.99
12 36 53 00-0038	EA	25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	809.52	119.99
12 36 53 00-0039	EA	30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	1,206.48	119.99
12 36 53 00-0040	EA	10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	554.94	102.57
12 36 53 00-0041	EA	12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	571.03	102.57
12 36 53 00-0042		**Epoxy Resin Laboratory ADA Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0043	EA	14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	551.47	102.57
12 36 53 00-0044	EA	14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	595.43	102.57
12 36 53 00-0045	EA	14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	617.90	102.57
12 36 53 00-0046	EA	25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	809.52	119.99
12 36 53 00-0047		**Epoxy Resin Laboratory Cup Sink** *(12 36 53 00-0007)*		
12 36 53 00-0048	EA	6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink	352.81	83.22
12 36 53 00-0049		**Polypropylene Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0050	SF	3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	23.68	4.66
12 36 53 00-0051	SF	1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	26.42	4.66
12 36 53 00-0052	SF	1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	29.94	4.66
12 36 53 00-0053	LF	4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	10.17	2.79
12 36 53 00-0054	LF	6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	12.46	2.79
12 36 53 00-0055		**Polypropylene Laboratory Sinks** *(12 36 53)*		
		Note: Includes cut out for sinks, and sink strainer assembly set.		
12 36 53 00-0056		**Polypropylene Laboratory Undermount Sink** *(12 36 53 00-0055)*		
12 36 53 00-0057	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	546.17	103.54
12 36 53 00-0058	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	573.29	103.54
12 36 53 00-0059	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	566.63	103.54
12 36 53 00-0060	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink	597.47	112.25
12 36 53 00-0061	EA	16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	726.92	112.25
12 36 53 00-0062	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	733.68	112.25
12 36 53 00-0063	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	733.68	112.25
12 36 53 00-0064	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	785.15	119.99
12 36 53 00-0065	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink	819.37	119.99
12 36 53 00-0066	EA	23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	785.15	119.99
12 36 53 00-0067	EA	30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink	1,193.97	119.99
12 36 53 00-0068	EA	31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	1,187.90	119.99
12 36 53 00-0069	EA	42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink	2,046.97	122.89
12 36 53 00-0070		**Polypropylene Laboratory Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0071	EA	11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	478.07	103.54
12 36 53 00-0072	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	735.32	103.54
12 36 53 00-0073	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	505.16	103.54
12 36 53 00-0074	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink	498.51	103.54
12 36 53 00-0075	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	665.56	112.25
12 36 53 00-0076	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	529.34	112.25
12 36 53 00-0077	EA	18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	665.56	112.25
12 36 53 00-0078	EA	16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	651.86	112.25
12 36 53 00-0079	EA	18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	638.56	112.25
12 36 53 00-0080	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	665.56	112.25
12 36 53 00-0081	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	717.03	119.99
12 36 53 00-0082	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	751.24	119.99
12 36 53 00-0083	EA	31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	1,085.37	119.99
12 36 53 00-0084	EA	12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink	449.42	102.57
12 36 53 00-0085		**Polypropylene Laboratory ADA Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0086	EA	16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	638.56	112.25
12 36 53 00-0087	EA	25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	735.91	119.99
12 36 53 00-0088		**Polypropylene Laboratory Cup Sink** *(12 36 53 00-0055)*		
12 36 53 00-0089	EA	6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink	364.01	102.57
12 36 53 00-0090		**Phenolic Resin Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0091	SF	3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	34.32	4.66
12 36 53 00-0092	SF	1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	38.66	4.66
12 36 53 00-0093	SF	1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	41.69	4.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0094	LF	4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	13.25	2.79
12 36 53 00-0095	LF	6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	17.03	2.79
12 36 53 00-0096		High Pressure Laminate Laboratory Countertops *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0097	SF	3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	20.28	4.66
12 36 53 00-0098	SF	1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	21.28	4.66
12 36 53 00-0099	SF	1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	21.28	4.66
12 36 53 00-0100	LF	4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	11.27	2.79
12 36 53 00-0101	LF	6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	11.27	2.79
12 36 61		**Simulated Stone Countertops** *(12 36)*		
12 36 61 16		**Solid Surfacing Countertops** *(12 36 61)*		
12 36 61 16-0001		Solid Surface Countertops *(12 36 61 16)*		
12 36 61 16-0002		Solid Surface Countertops *(12 36 61 16-0001)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash	42.21	6.22
		Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
		For Up To 50, Add	*13.98*	
		For >50 To 100, Add	*7.91*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	65.00	9.32
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
		For Up To 50, Add	*21.17*	
		For >50 To 100, Add	*12.33*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*231.92*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*293.24*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*214.08*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*204.04*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*293.24*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*293.24*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*293.24*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*293.24*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*264.25*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*459.37*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*615.47*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*666.76*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*666.76*	
12 36 61 16-0005	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	70.59	9.32
		For Up To 50, Add	*22.84*	
		For >50 To 100, Add	*13.45*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*231.92*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*293.24*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*214.08*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*204.04*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*293.24*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*293.24*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*293.24*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*293.24*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*264.25*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*459.37*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*615.47*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*666.76*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*666.76*	
12 36 61 16-0006	LF	1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops	24.58	3.96
12 36 61 16-0007	EA	Cutout For Undercounter Sink In Solid Surface Countertop	139.76	
		Note: Not including integral seamed sinks		
12 36 61 16-0008		Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)*		
		Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0009	EA	16-1/2" x 13-1/8"" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	263.60	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	324.92	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	245.76	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	235.72	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	324.92	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	324.92	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	324.92	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	324.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 61 16-0017		Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0018	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	338.79	
12 36 61 16-0019	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	533.91	
12 36 61 16-0020	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	690.01	
12 36 61 16-0021	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	741.30	
12 36 61 16-0022	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	741.30	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)* Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	99.73	20.50
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	122.90	20.50
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	111.01	23.86
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	134.16	23.86
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	17.86	3.96
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop	139.76	

12 40 Furnishings and Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

12 41 11 00-0001		Wall Mounted Office Accessories *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	22.71	3.22
12 41 11 00-0003	EA	Wall Mounted Flag	16.46	3.22
12 41 11 00-0004		Desk Edge Mounted Clamps *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels.	37.45	
		For >10 To 50, Deduct	*-9.16*	
		For >50, Deduct	*-14.65*	

12 48 Rugs and Mats *(12 40)*

12 48 13 Entrance Floor Mats and Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001		Floor Mats *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	30.62	2.20
		For Colors, Add	*5.24*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	38.68	2.20
		For Colors, Add	*6.85*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	32.63	2.20
		For Colors, Add	*5.64*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	40.70	2.20
		For Colors, Add	*7.26*	
12 48 13 13-0006		Link Mats *(12 48 13 13)* Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	30.55	2.20
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	32.13	2.20
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	19.49	2.20
12 48 13 13-0010	SF	Vinyl Link Mats, Color	35.12	2.20
12 48 13 13-0011	LF	Rubber Nosing	4.05	0.97
12 48 13 13-0012		Duckboard *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	43.62	2.42
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	12.92	2.42
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	14.11	2.42
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	20.99	2.42
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	15.23	2.42
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	23.44	2.42

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001		Recessed Frames *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	19.77	3.73
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	20.38	3.73

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 50 Furniture (12)

12 55 Detention Furniture (12 50)

12 55 13 Detention Bunks (12 55)

12 55 13 00-0001 Wall Mounted Single Bunks (12 55 13)

Note: 14 Gauge center pan, 7 gauge bracket, painted.

12 55 13 00-0002	EA	27" Wide x 80" Long x 12" High Wall Mounted Bunk	471.54	78.07
12 55 13 00-0003	EA	32" Wide x 80" Long x 12" High Wall Mounted Bunk	537.92	78.07
12 55 13 00-0004	EA	38" Wide x 80" Long x 12" High Wall Mounted Bunk	584.39	78.07

12 55 13 00-0005 Floor Supported Single Bunks (12 55 13)

Note: 14 Gauge center pan, 10 gauge steel brackets, 10 gauge formed steel legs, painted.

12 55 13 00-0006	EA	27" Wide x 80" Long x 12" High Floor Mounted Bunk	471.54	78.07
12 55 13 00-0007	EA	32" Wide x 80" Long x 12" High Floor Mounted Bunk	537.92	78.07
12 55 13 00-0008	EA	38" Wide x 80" Long x 12" High Floor Mounted Bunk	584.39	78.07
12 55 13 00-0009	EA	Up To 20, Floor Mounted Single Bunk, 75" x 27" x 16" High	914.06	108.77
12 55 13 00-0010	EA	>20, Floor Mounted Single Bunk, 75" x 27" x 16" High	774.76	108.77

12 55 13 00-0011 Floor Mounted Single Bunks (12 55 13)

Note: 14 Gauge center pan, 10 gauge formed steel legs, painted.

12 55 13 00-0012	EA	27" Wide x 80" Long x 16" High Floor Mounted Bunk	471.54	78.07
12 55 13 00-0013	EA	32" Wide x 80" Long x 16" High Floor Mounted Bunk	537.92	78.07
12 55 13 00-0014	EA	38" Wide x 80" Long x 16" High Floor Mounted Bunk	584.39	78.07

12 55 13 00-0015 Single Stackable Bunks (12 55 13)

Note: One piece, 10 gauge formed pan, 10 gauge formed steel legs, painted.

12 55 13 00-0016	EA	26" Wide x 76" Long x 32" High Stackable Bunk	484.81	78.07
12 55 13 00-0017	EA	31" Wide x 76" Long x 32" High Stackable Bunk	504.73	78.07

12 55 13 00-0018 Double Bunks (12 55 13)

Note: 14 Gauge center pans, 10 gauge formed steel legs, painted.

12 55 13 00-0019	EA	27" Wide x 80" Long x 52" High Double Bunk	855.51	104.10
12 55 13 00-0020	EA	32" Wide x 80" Long x 52" High Double Bunk	868.78	104.10
12 55 13 00-0021	EA	38" Wide x 80" Long x 52" High Double Bunk	925.21	104.10
12 55 13 00-0022	EA	Double Bunk Bed, 75" x 27", Up To 20	1,440.75	163.16
12 55 13 00-0023	EA	Double Bunk Bed, 75" x 27", Over 20	1,301.45	163.16

12 55 13 00-0024 Non-Removable Storage Drawers For Bunks/Beds (12 55 13)

Note: 14 Gauge drawer with 10 gauge formed steel guides, painted.

12 55 13 00-0025	EA	16" Long x 15" Wide x 7.75" Deep Non Removable Storage Drawer	207.52	39.04
12 55 13 00-0026	EA	24" Long x 23" Wide x 10" Deep Non Removable Storage Drawer	345.50	41.64

12 55 13 00-0027 Expanded Metal Convertible Beds (12 55 13)

Note: 1/2" #13 Flattened expanded metal pans, welded inside 2" x 1-1/2" x 3/16" angle iron frames, 10 gauge formed steel legs with floor mount, 1-1/2" 10 gauge bracing between leg assembly and frame.

12 55 13 00-0028	EA	27" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	486.31	78.07
12 55 13 00-0029	EA	32" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	513.84	78.07
12 55 13 00-0030	EA	38" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	541.35	78.07
12 55 13 00-0031	EA	Adapter Kit For Converting Single Bed To Double Deck	67.29	

12 55 16 Detention Desks (12 55)

12 55 16 00-0001 Heavy Duty Desk With Swing Arm Seat (12 55 16)

Note: Includes 12" diameter 11 gauge stainless steel seat, cast iron swing arm, 10 gauge shelves, stainless steel towel bar, 10 gauge steel foot rest, painted.

12 55 16 00-0002	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 10 Gauge Steel Top	858.48	83.29
12 55 16 00-0003	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 11 Gauge Stainless Steel Top	1,082.11	83.29

12 55 16 00-0004 Institutional Desk And Seat (12 55 16)

12 55 16 00-0005	EA	Institutional Desk And Seat, Up To 20	1,192.68	108.77
12 55 16 00-0006	EA	Institutional Desk And Seat, Over 20	1,053.37	108.77
12 55 16 00-0007	EA	Institutional Desk, Up To 20	1,053.37	108.77
12 55 16 00-0008	EA	Institutional Desk, Over 20	914.06	108.77

12 55 19 Detention Stools (12 55)

12 55 19 00-0001 Heavy Duty Steel Bench (12 55 19)

Note: 10 Gauge formed steel seat with rounded corners and edges, painted.

12 55 19 00-0002	EA	48" Long x 18" High x 12" Wide Steel Bench	453.59	62.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 19 00-0003	EA	72" Long x 18" High x 12" Wide Steel Bench	550.29	67.67
12 55 19 00-0004	EA	96" Long x 18" High x 12" Wide Steel Bench	610.40	72.87
12 55 19 00-0005		Stationary Stools *(12 55 19)*		
		Note: 12" Diameter 11 gauge stainless steel seat, 18" high, 2" schedule 40 steel pipe with welded 6" x 6" 10 gauge steel base plate bolted to floor.		
12 55 19 00-0006	EA	12" Diameter Stainless Steel Stationary Stool, 18" High	342.36	62.46
12 55 19 00-0007	EA	Floor Mounted Stool, 8" x 8" x 20"H, Up To 20	318.40	43.51
12 55 19 00-0008	EA	Floor Mounted Stool, 8" x 8" x 20"H, Over 20	340.83	43.51
12 55 19 00-0009	EA	Wall Mounted Swivel Stool, Up To 20	443.10	54.38
12 55 19 00-0010	EA	Wall Mounted Swivel Stool, Over 20	359.52	54.38
12 55 19 00-0011		Cell Bench *(12 55 19)*		
		Note: 1-3/4" Thick red oak bench top, polyurethane finish.		
12 55 19 00-0012	EA	48" Long x 12" Wide Cell Bench, Red Oak	377.80	62.56
12 55 19 00-0013	EA	72" Long x 12" Wide Cell Bench, Red Oak	454.59	67.67
12 55 19 00-0014	EA	96" Long x 12" Wide Cell Bench, Red Oak	503.22	72.87
12 55 23		**Detention Tables** *(12 55)*		
12 55 23 00-0001		Wall Mounted Table And Seat Set *(12 55 23)*		
		Note: 7 Gauge steel, painted.		
12 55 23 00-0002	EA	18" x 12" Wall Mounted Table And Seat Set	228.10	44.24
12 55 23 00-0003		Heavy Duty Picnic Style Table *(12 55 23)*		
		Note: 10 Gauge steel, painted.		
12 55 23 00-0004	EA	48" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,234.93	78.07
12 55 23 00-0005	EA	72" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,577.23	83.29
12 55 23 00-0006	EA	96" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,758.83	91.09
12 55 23 00-0007	EA	Picnic Table, 72" x 24" Up To 20	2,238.51	146.85
12 55 23 00-0008	EA	Picnic Table, 72" x 24" Over 20	1,959.90	146.85
12 55 23 00-0009		Heavy Duty Picnic Style Table *(12 55 23)*		
		Note: 11 Gauge stainless steel top and benches with 10 gauge steel table base parts, painted.		
12 55 23 00-0010	EA	48" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	2,147.69	78.07
12 55 23 00-0011	EA	72" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,070.83	83.29
12 55 23 00-0012	EA	96" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,252.43	91.09
12 55 23 00-0013		Heavy Duty Pedestal Style Table *(12 55 23)*		
		Note: 10 Gauge steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.		
12 55 23 00-0014	EA	24" Long x 59" Wide x 30" High Steel Pedestal Table	1,092.67	65.06
12 55 23 00-0015	EA	65" Long x 65" Wide x 30" High Steel Pedestal Table	1,783.48	70.27
12 55 23 00-0016	EA	65" Long x 87" Wide x 30" High Steel Pedestal Table	2,645.55	78.07
12 55 23 00-0017	EA	12" Diameter Stainless Steel Replacement Seat	83.98	10.41
12 55 23 00-0018		Heavy Duty Pedestal Style Table *(12 55 23)*		
		Note: 11 Gauge stainless steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.		
12 55 23 00-0019	EA	24" Long x 59" Wide x 30" High Stainless Steel Pedestal Table	1,374.80	65.06
12 55 23 00-0020	EA	65" Long x 65" Wide x 30" High Stainless Steel Pedestal Table	2,380.92	70.27
12 55 23 00-0021	EA	65" Long x 87" Wide x 30" High Stainless Steel Pedestal Table	3,458.74	78.07
12 55 23 00-0022	EA	12" Diameter Gray-Primed Steel Replacement Seats	59.19	10.41
12 55 23 00-0023	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	1,916.40	125.09
12 55 23 00-0024	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	1,637.79	125.09
12 55 23 00-0025	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	2,495.37	135.97
12 55 23 00-0026	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	2,216.76	135.97
12 55 23 00-0027	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	3,631.56	146.85
12 55 23 00-0028	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	3,074.34	146.85
12 55 26		**Detention Safety Clothes Hooks** *(12 55)*		
12 55 26 00-0001	EA	Collapsible Clothes Hook, Screw Type	65.64	19.52
12 55 26 00-0002	EA	Collapsible Clothes Hook, Weld-On Type	65.17	20.82
12 55 26 00-0003	EA	8" x 18" Storage Shelf	323.23	41.64
		Note: With four collapsible clothes hooks on 11" x 18" back plate, welded steel plates, anchors.		
12 55 26 00-0004	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Up To 20	365.62	43.51
12 55 26 00-0005	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Over 20	295.97	43.51
12 55 26 00-0006	EA	Safety Clothes Hook, Up To 20	146.46	24.47
12 55 26 00-0007	EA	Safety Clothes Hook, Over 20	174.19	24.47
12 55 86		**Detention Control Room Furniture** *(12 55)*		
12 55 86 00-0001	EA	22-1/4" Wide x 13-1/2" Deep Tray, Single-Arm, TV Wall Mount	236.62	73.21
12 55 86 00-0002	EA	Up To 20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	720.38	81.58
12 55 86 00-0003	EA	>20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	650.73	81.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 86 00-0004	EA	Speaking Device With 6" Diameter Stainless Steel Cover Plates Note: Includes neoprene gaskets, baffle, wire cloth and security screws.	1,736.92	32.63
12 55 86 00-0005	EA	1" Diameter, 3/16" Thick, Stainless Steel Shower Curtain Rod With 12 Gauge Hooks	750.90	27.19
12 55 86 00-0006	LF	20" Depth, 10 Gauge Steel, Wall Mounted Bench	366.96	16.32
12 55 86 00-0007	LF	20" Depth, 10 Gauge Steel, Floor Mounted Bench	445.11	13.60

12 56 Institutional Furniture *(12 50)*

12 56 39 Lecterns *(12 56)*

12 56 39 00-0001 Lectern *(12 56 39)*

12 56 39 00-0002	EA	CON 1500-32 Van Oak Lectern	5,705.02	41.27

12 56 53 Laboratory Furniture *(12 56)*

12 56 53 00-0001 Steel Laboratory Furniture *(12 56 53)*

12 56 53 00-0002 Modular Steel Laboratory Cabinets *(12 56 53 00-0001)*

12 56 53 00-0003 29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*

12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,075.40	80.54
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,073.15	80.54
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,173.64	87.90
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,112.68	87.90
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,325.03	99.19
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,367.49	102.45
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,508.23	112.98
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,566.67	117.37
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,521.51	113.92
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,526.83	114.38
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,614.45	120.91
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,579.90	118.30
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,111.04	158.10
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,150.58	161.09
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,373.87	177.78
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,411.27	180.57
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,209.40	165.46
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,458.76	184.21
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,382.00	184.21
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,232.57	166.87
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,212.25	166.87
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,389.82	178.99
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,371.81	178.70
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,596.39	194.27
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,673.88	200.24
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,925.99	219.07
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,994.81	224.29
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,498.71	187.09
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,350.00	176.00
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,655.34	198.84
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,525.23	189.15
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	2,833.41	212.17
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	2,833.41	212.17
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,101.17	232.22
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	2,989.93	223.92
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,473.20	260.09
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,486.75	260.19
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,786.58	283.58
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,823.75	286.38
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,251.24	318.36
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,384.04	328.33
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,148.69	328.15
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,646.77	348.00
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,540.63	340.07
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,018.04	151.12
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	1,961.60	151.49
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,105.67	157.64
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,049.23	157.64
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	2,827.89	211.80
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,445.56	183.09

12 56 53 00-0054 35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*

12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,125.86	84.37
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,119.09	84.37
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,189.61	89.13
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,149.77	86.23
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,362.19	102.08
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,428.57	106.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,524.17	114.20
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,582.58	118.86
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,595.87	119.32
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,595.87	119.32
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,694.10	126.79
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,671.00	128.65
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,211.89	165.46
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,270.30	169.66
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,440.28	182.72
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,496.02	186.91
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,458.87	184.12
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,527.91	189.24
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,697.67	201.82
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,915.32	218.14
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,895.25	218.14
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,652.68	198.09
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,396.33	199.03
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,788.10	208.82
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,740.69	208.82
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,072.21	230.07
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,194.40	239.20
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,393.01	254.13
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,473.20	260.09
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	2,828.12	211.62
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,021.73	226.06
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,040.18	227.47
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,157.15	236.32
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,645.79	273.14
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,770.56	282.46
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,959.01	296.44
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,961.86	296.44
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,429.15	331.87
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,466.09	334.20
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,556.95	341.19
12 56 53 00-0095	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,805.85	360.30
12 56 53 00-0096	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,821.41	361.24
12 56 53 00-0097	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	4,891.21	366.27
12 56 53 00-0098	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,122.13	383.60
12 56 53 00-0099	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,220.32	390.97
12 56 53 00-0100	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,353.10	400.86
12 56 53 00-0101	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,499.37	411.86
12 56 53 00-0102	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,060.62	154.28
12 56 53 00-0103	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,097.63	157.08
12 56 53 00-0104	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,105.67	157.55
12 56 53 00-0105	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,153.30	161.27
12 56 53 00-0106	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,833.41	212.17
12 56 53 00-0107	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,918.41	218.51
12 56 53 00-0108	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,125.22	234.08
12 56 53 00-0109	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,170.27	237.25
12 56 53 00-0110	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	2,939.76	220.00
12 56 53 00-0111	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,727.47	204.15
12 56 53 00-0112	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,447.15	108.41
12 56 53 00-0113	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,465.75	109.72
12 56 53 00-0114	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,526.83	114.20
12 56 53 00-0115	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,532.13	114.67
12 56 53 00-0116	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,004.81	150.18
12 56 53 00-0117	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,049.95	153.54
12 56 53 00-0118	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,185.32	163.61
12 56 53 00-0119	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,193.29	164.25
12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,533.17	189.70
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,788.10	208.82
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,915.57	218.33
12 56 53 00-0123		25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,070.10	80.17
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,104.62	82.69
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,112.58	83.34
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,141.80	85.48
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,194.91	89.50
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,221.46	91.45
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,330.32	99.65
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,346.26	100.77
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,582.58	118.49
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,622.41	121.47
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,659.60	124.26
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,694.10	126.88
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,060.58	154.28
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,087.13	156.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,275.62	170.41
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,283.59	171.06
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,850.77	138.62
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,911.84	143.19
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,943.69	145.52
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,978.22	148.13
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,772.18	207.60
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,827.97	211.80
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,992.55	224.11
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,045.67	228.11
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,533.17	189.70
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,804.06	210.03
12 56 53 00-0150	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,139.42	154.28
12 56 53 00-0151	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,166.98	156.33
12 56 53 00-0152	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,362.68	170.41
12 56 53 00-0153	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,370.96	170.97
12 56 53 00-0154	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	2,878.24	207.60
12 56 53 00-0155	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	2,936.16	211.80
12 56 53 00-0156	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,107.05	224.11
12 56 53 00-0157	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,162.20	228.11
12 56 53 00-0158		31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,168.35	87.63
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,202.87	89.96
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,208.18	90.43
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,221.46	91.35
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,298.47	97.41
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,335.64	99.74
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,585.24	118.86
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,619.77	121.19
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,648.98	123.52
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,691.44	126.79
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,720.67	129.11
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,802.99	134.70
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,227.86	166.87
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,259.70	169.20
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,511.93	188.31
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,562.37	192.03
12 56 53 00-0175	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,962.29	146.82
12 56 53 00-0176	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,020.73	151.02
12 56 53 00-0177	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,049.91	153.35
12 56 53 00-0178	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,103.03	157.55
12 56 53 00-0179	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,862.47	213.94
12 56 53 00-0180	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,944.78	220.47
12 56 53 00-0181	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,430.66	256.83
12 56 53 00-0182	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,269.18	227.93
12 56 53 00-0183	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,803.99	210.21
12 56 53 00-0184	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,337.75	250.30
12 56 53 00-0185	EA	30" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,313.10	166.87
12 56 53 00-0186	EA	36" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,346.16	169.20
12 56 53 00-0187	EA	42" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,608.04	188.12
12 56 53 00-0188	EA	48" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,660.41	191.85
12 56 53 00-0189	EA	30" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	2,971.98	214.41
12 56 53 00-0190	EA	36" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,057.45	220.56
12 56 53 00-0191	EA	42" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,561.92	256.92
12 56 53 00-0192	EA	48" Wide Glass Sliding Door Cases	3,395.77	228.11
12 56 53 00-0193		Wood Laboratory Furniture *(12 56 53)*		
		Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.		
12 56 53 00-0194		Wood Laboratory Cabinets *(12 56 53 00-0193)*		
12 56 53 00-0195		28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0196	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	637.52	73.65
12 56 53 00-0197	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	658.19	75.98
12 56 53 00-0198	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	678.86	78.31
12 56 53 00-0199	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	699.53	81.10
12 56 53 00-0200	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	777.10	89.96
12 56 53 00-0201	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	828.79	95.55
12 56 53 00-0202	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	866.70	99.74
12 56 53 00-0203	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	913.23	105.34
12 56 53 00-0204	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	775.38	89.50
12 56 53 00-0205	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	802.94	92.75
12 56 53 00-0206	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	820.18	94.62

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0207	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	842.54	97.41
12 56 53 00-0208	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,083.83	124.92
12 56 53 00-0209	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,150.80	132.85
12 56 53 00-0210	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,188.90	137.04
12 56 53 00-0211	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,235.59	142.63
12 56 53 00-0212	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,138.80	131.44
12 56 53 00-0213	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,178.73	136.10
12 56 53 00-0214	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,209.60	139.83
12 56 53 00-0215	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,250.99	144.03
12 56 53 00-0216	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,157.89	133.31
12 56 53 00-0217	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,204.43	139.37
12 56 53 00-0218	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,238.88	143.10
12 56 53 00-0219	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,278.52	147.76
12 56 53 00-0220	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,810.98	208.82
12 56 53 00-0221	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,919.42	221.41
12 56 53 00-0222	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,959.02	226.06
12 56 53 00-0223	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,036.62	234.92
12 56 53 00-0224	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,074.57	239.11
12 56 53 00-0225	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,171.02	250.77
12 56 53 00-0226	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,234.70	258.23
12 56 53 00-0227	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,312.29	267.08
12 56 53 00-0228	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	858.06	99.28
12 56 53 00-0229	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	889.09	103.01
12 56 53 00-0230	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	908.04	104.87
12 56 53 00-0231	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	933.89	107.67
12 56 53 00-0232	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,385.32	159.88
12 56 53 00-0233	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,449.09	167.24
12 56 53 00-0234	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,490.43	172.00
12 56 53 00-0235	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,543.86	178.15
12 56 53 00-0236	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet	1,809.20	208.82
12 56 53 00-0237	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet	2,005.57	231.66
12 56 53 00-0238	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	706.44	81.57
12 56 53 00-0239	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	728.84	84.08
12 56 53 00-0240	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	742.62	85.67
12 56 53 00-0241	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	759.86	87.72
12 56 53 00-0242	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	973.51	112.34
12 56 53 00-0243	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,023.48	118.11
12 56 53 00-0244	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,052.78	121.47
12 56 53 00-0245	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,083.78	125.10
12 56 53 00-0246		**35-3/4" High x 22" Deep, Wood Laboratory Base Cabinets** *(12 56 53 00-0194)*		
12 56 53 00-0247	EA	24" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,116.94	128.89
12 56 53 00-0248	EA	30" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,446.53	166.65
12 56 53 00-0249	EA	36" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,456.77	168.10
12 56 53 00-0250	EA	48" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,680.17	193.88
12 56 53 00-0251	EA	24" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,831.02	211.29
12 56 53 00-0252	EA	30" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,054.37	237.07
12 56 53 00-0253	EA	36" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,197.60	253.59
12 56 53 00-0254	EA	48" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,602.34	300.30
12 56 53 00-0255	EA	24" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	1,346.05	154.94
12 56 53 00-0256	EA	30" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	1,853.91	213.92
12 56 53 00-0257	EA	36" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	1,928.37	222.53
12 56 53 00-0258	EA	48" Wide Base Cabinet With Combination Door/Drawer	2,155.59	248.74
12 56 53 00-0259		**30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets** *(12 56 53 00-0194)*		
12 56 53 00-0260	EA	15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	758.14	87.63
		For 36" Height Cabinet, Add	*107.88*	
12 56 53 00-0261	EA	18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	787.43	90.43
		For 36" Height Cabinet, Add	*112.05*	
12 56 53 00-0262	EA	21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	808.11	93.22
		For 36" Height Cabinet, Add	*114.99*	
12 56 53 00-0263	EA	24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	737.46	84.83
		For 36" Height Cabinet, Add	*104.94*	
12 56 53 00-0264	EA	30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	847.75	97.89
		For 36" Height Cabinet, Add	*120.63*	
12 56 53 00-0265	EA	36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	918.40	105.80
		For 36" Height Cabinet, Add	*130.69*	
12 56 53 00-0266	EA	42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	959.74	110.93
		For 36" Height Cabinet, Add	*136.57*	
12 56 53 00-0267	EA	48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,016.62	116.99
		For 36" Height Cabinet, Add	*144.66*	
12 56 53 00-0268	EA	15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	832.24	96.02
		For 36" Height Cabinet, Add	*118.43*	
12 56 53 00-0269	EA	18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	870.14	100.68
		For 36" Height Cabinet, Add	*123.82*	
12 56 53 00-0270	EA	21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,173.50	1,053.41
		For 36" Height Cabinet, Add	*12.97*	
12 56 53 00-0271	EA	24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	935.61	107.67
		For 36" Height Cabinet, Add	*133.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0272	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,223.39	141.23
		For 36" Height Cabinet, Add	*174.09*	
12 56 53 00-0273	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,318.14	151.95
		For 36" Height Cabinet, Add	*187.57*	
12 56 53 00-0274	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,378.44	159.41
		For 36" Height Cabinet, Add	*196.15*	
12 56 53 00-0275	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,450.79	167.33
		For 36" Height Cabinet, Add	*206.45*	
12 56 53 00-0276	EA	15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	932.16	107.67
		For 36" Height Cabinet, Add	*132.65*	
12 56 53 00-0277	EA	18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	968.36	111.86
		For 36" Height Cabinet, Add	*137.80*	
12 56 53 00-0278	EA	21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	995.91	114.67
		For 36" Height Cabinet, Add	*141.72*	
12 56 53 00-0279	EA	24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,033.83	119.32
		For 36" Height Cabinet, Add	*147.11*	
12 56 53 00-0280	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,424.95	164.54
		For 36" Height Cabinet, Add	*202.77*	
12 56 53 00-0281	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,516.30	174.79
		For 36" Height Cabinet, Add	*215.77*	
12 56 53 00-0282	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,557.59	179.91
		For 36" Height Cabinet, Add	*221.65*	
12 56 53 00-0283	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,652.38	190.64
		For 36" Height Cabinet, Add	*235.14*	
12 56 53 00-0284	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,275.10	146.82
		For 36" Height Cabinet, Add	*181.44*	
12 56 53 00-0285	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,376.51	158.94
		For 36" Height Cabinet, Add	*195.91*	
12 56 53 00-0286	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,469.66	169.66
		For 36" Height Cabinet, Add	*209.15*	
12 56 53 00-0287	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,573.05	181.78
		For 36" Height Cabinet, Add	*223.86*	
12 56 53 00-0288	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,540.61	177.58
		For 36" Height Cabinet, Add	*219.20*	
12 56 53 00-0289	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,637.05	188.78
		For 36" Height Cabinet, Add	*232.93*	
12 56 53 00-0290	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,688.56	194.84
		For 36" Height Cabinet, Add	*240.29*	
12 56 53 00-0291	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,781.59	205.56
		For 36" Height Cabinet, Add	*253.53*	
12 56 53 00-0292	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	1,878.30	216.74
		For 36" Height Cabinet, Add	*267.26*	
12 56 53 00-0293	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	1,955.58	226.06
		For 36" Height Cabinet, Add	*278.29*	

12 56 53 00-0294 30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*

12 56 53 00-0295	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	937.34	108.14
		For 36" Height Cabinet, Add	*133.38*	
12 56 53 00-0296	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,026.94	118.40
		For 36" Height Cabinet, Add	*146.13*	
12 56 53 00-0297	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,076.91	124.45
		For 36" Height Cabinet, Add	*153.24*	
12 56 53 00-0298	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,144.12	131.44
		For 36" Height Cabinet, Add	*162.81*	
12 56 53 00-0299	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	871.87	100.68
		For 36" Height Cabinet, Add	*124.07*	
12 56 53 00-0300	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	918.40	106.28
		For 36" Height Cabinet, Add	*130.69*	
12 56 53 00-0301	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	945.92	109.53
		For 36" Height Cabinet, Add	*134.61*	
12 56 53 00-0302	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	985.59	113.26
		For 36" Height Cabinet, Add	*140.25*	
12 56 53 00-0303	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,294.05	149.16
		For 36" Height Cabinet, Add	*184.14*	
12 56 53 00-0304	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,404.29	161.74
		For 36" Height Cabinet, Add	*199.83*	
12 56 53 00-0305	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,466.32	169.66
		For 36" Height Cabinet, Add	*208.66*	
12 56 53 00-0306	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,548.99	178.52
		For 36" Height Cabinet, Add	*220.43*	
12 56 53 00-0307	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	975.24	112.80
		For 36" Height Cabinet, Add	*138.78*	
12 56 53 00-0308	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,004.55	116.06
		For 36" Height Cabinet, Add	*142.95*	
12 56 53 00-0309	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,037.25	119.32
		For 36" Height Cabinet, Add	*147.60*	
12 56 53 00-0310	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,090.68	125.85
		For 36" Height Cabinet, Add	*155.20*	
12 56 53 00-0311	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,487.00	171.52
		For 36" Height Cabinet, Add	*211.60*	
12 56 53 00-0312	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,604.18	185.05
		For 36" Height Cabinet, Add	*228.27*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0313	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,654.08	191.11
		For 36" Height Cabinet, Add	*235.38*	
12 56 53 00-0314	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,760.94	203.23
		For 36" Height Cabinet, Add	*250.58*	
12 56 53 00-0315	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,335.41	153.82
		For 36" Height Cabinet, Add	*190.02*	
12 56 53 00-0316	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,476.45	170.60
		For 36" Height Cabinet, Add	*210.13*	
12 56 53 00-0317	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,550.64	178.99
		For 36" Height Cabinet, Add	*220.67*	
12 56 53 00-0318	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,657.67	191.57
		For 36" Height Cabinet, Add	*235.87*	
12 56 53 00-0319	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,609.57	185.51
		For 36" Height Cabinet, Add	*229.01*	
12 56 53 00-0320	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,711.15	197.17
		For 36" Height Cabinet, Add	*243.47*	
12 56 53 00-0321	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,779.90	205.56
		For 36" Height Cabinet, Add	*253.28*	
12 56 53 00-0322	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,876.33	216.27
		For 36" Height Cabinet, Add	*267.01*	
12 56 53 00-0323	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	1,966.16	226.99
		For 36" Height Cabinet, Add	*279.76*	
12 56 53 00-0324	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	2,029.62	234.45
		For 36" Height Cabinet, Add	*288.83*	
12 56 53 00-0325		Plastic Laminate Laboratory Furniture *(12 56 53)*		
12 56 53 00-0326		Plastic Laminate Laboratory Cabinets *(12 56 53 00-0325)*		
12 56 53 00-0327		28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0328	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	815.40	73.56
12 56 53 00-0329	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	841.84	75.98
12 56 53 00-0330	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	868.28	78.31
12 56 53 00-0331	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	894.72	80.73
12 56 53 00-0332	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	993.93	89.68
12 56 53 00-0333	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,060.04	95.65
12 56 53 00-0334	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,108.52	100.02
12 56 53 00-0335	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,168.04	105.43
12 56 53 00-0336	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	991.72	89.50
12 56 53 00-0337	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,026.98	92.66
12 56 53 00-0338	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,049.02	94.62
12 56 53 00-0339	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,077.64	97.23
12 56 53 00-0340	EA	30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,386.23	125.10
12 56 53 00-0341	EA	36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,471.95	132.74
12 56 53 00-0342	EA	42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,520.63	137.22
12 56 53 00-0343	EA	48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,580.30	142.63
12 56 53 00-0344	EA	15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,456.59	131.35
12 56 53 00-0345	EA	18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,507.57	136.10
12 56 53 00-0346	EA	21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,547.10	139.64
12 56 53 00-0347	EA	24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,600.03	144.40
12 56 53 00-0348	EA	15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,480.97	133.59
12 56 53 00-0349	EA	18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,540.48	139.00
12 56 53 00-0350	EA	21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,584.55	143.00
12 56 53 00-0351	EA	24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,635.25	147.57
12 56 53 00-0352	EA	15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,193.91	89.50
12 56 53 00-0353	EA	18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,237.44	92.75
12 56 53 00-0354	EA	21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,263.90	94.62
12 56 53 00-0355	EA	24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,298.31	97.41
12 56 53 00-0356	EA	30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,875.20	169.20
12 56 53 00-0357	EA	36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,014.32	181.78
12 56 53 00-0358	EA	42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,064.50	186.45
12 56 53 00-0359	EA	48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,163.98	195.30
12 56 53 00-0360	EA	15" Wide Cabinet, 1 Drawer Over Cupboard	1,097.48	99.01
12 56 53 00-0361	EA	18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets	1,137.16	102.64
12 56 53 00-0362	EA	21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,161.40	104.78
12 56 53 00-0363	EA	24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,194.46	107.77
12 56 53 00-0364	EA	30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,771.85	159.88
12 56 53 00-0365	EA	36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,853.41	167.24
12 56 53 00-0366	EA	42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,906.29	172.00
12 56 53 00-0367	EA	48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,974.63	178.15
12 56 53 00-0368	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet	2,314.08	208.82
12 56 53 00-0369	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet	2,565.19	231.47
12 56 53 00-0370	EA	15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	903.56	81.57
12 56 53 00-0371	EA	18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	932.21	84.08
12 56 53 00-0372	EA	21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	949.83	85.67
12 56 53 00-0373	EA	24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	971.88	87.72
12 56 53 00-0374	EA	30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,245.14	112.34
12 56 53 00-0375	EA	36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,309.05	118.11
12 56 53 00-0376	EA	42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,346.52	121.47
12 56 53 00-0377	EA	48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,386.18	125.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0378		30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0379	EA	15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	969.68	87.53
		For 36" Height Cabinet, Add	*147.02*	
12 56 53 00-0380	EA	18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,007.14	90.89
		For 36" Height Cabinet, Add	*152.70*	
12 56 53 00-0381	EA	21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,033.59	93.22
		For 36" Height Cabinet, Add	*156.71*	
12 56 53 00-0382	EA	24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	943.23	85.11
		For 36" Height Cabinet, Add	*143.01*	
12 56 53 00-0383	EA	30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,084.29	97.89
		For 36" Height Cabinet, Add	*164.39*	
12 56 53 00-0384	EA	36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,174.65	105.99
		For 36" Height Cabinet, Add	*178.09*	
12 56 53 00-0385	EA	42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,227.52	110.74
		For 36" Height Cabinet, Add	*186.11*	
12 56 53 00-0386	EA	48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,300.27	117.37
		For 36" Height Cabinet, Add	*197.14*	
12 56 53 00-0387	EA	15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,064.45	96.02
		For 36" Height Cabinet, Add	*161.38*	
12 56 53 00-0388	EA	18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,112.93	100.40
		For 36" Height Cabinet, Add	*168.74*	
12 56 53 00-0389	EA	21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,198.93	1,051.73
		For 36" Height Cabinet, Add	*17.67*	
12 56 53 00-0390	EA	24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,196.67	107.95
		For 36" Height Cabinet, Add	*181.43*	
12 56 53 00-0391	EA	30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,564.73	141.23
		For 36" Height Cabinet, Add	*237.23*	
12 56 53 00-0392	EA	36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,685.93	152.13
		For 36" Height Cabinet, Add	*255.61*	
12 56 53 00-0393	EA	42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,763.05	159.04
		For 36" Height Cabinet, Add	*267.30*	
12 56 53 00-0394	EA	48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,855.60	167.43
		For 36" Height Cabinet, Add	*281.34*	
12 56 53 00-0395	EA	15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,192.26	107.58
		For 36" Height Cabinet, Add	*180.77*	
12 56 53 00-0396	EA	18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,238.55	111.77
		For 36" Height Cabinet, Add	*187.78*	
12 56 53 00-0397	EA	21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,273.79	114.94
		For 36" Height Cabinet, Add	*193.13*	
12 56 53 00-0398	EA	24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,322.29	119.32
		For 36" Height Cabinet, Add	*200.48*	
12 56 53 00-0399	EA	30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,822.55	164.45
		For 36" Height Cabinet, Add	*276.33*	
12 56 53 00-0400	EA	36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,939.37	174.97
		For 36" Height Cabinet, Add	*294.04*	
12 56 53 00-0401	EA	42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,992.21	179.73
		For 36" Height Cabinet, Add	*302.06*	
12 56 53 00-0402	EA	48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,113.43	190.73
		For 36" Height Cabinet, Add	*320.43*	
12 56 53 00-0403	EA	30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,630.86	147.19
		For 36" Height Cabinet, Add	*247.26*	
12 56 53 00-0404	EA	36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,760.64	158.76
		For 36" Height Cabinet, Add	*266.97*	
12 56 53 00-0405	EA	42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,879.75	169.57
		For 36" Height Cabinet, Add	*285.01*	
12 56 53 00-0406	EA	48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,011.99	181.69
		For 36" Height Cabinet, Add	*305.06*	
12 56 53 00-0407	EA	30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,970.41	177.87
		For 36" Height Cabinet, Add	*298.71*	
12 56 53 00-0408	EA	36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,093.78	188.96
		For 36" Height Cabinet, Add	*317.42*	
12 56 53 00-0409	EA	42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,159.71	194.84
		For 36" Height Cabinet, Add	*327.45*	
12 56 53 00-0410	EA	48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,278.70	205.56
		For 36" Height Cabinet, Add	*345.49*	
12 56 53 00-0411		30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0412	EA	15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,115.13	100.59
		For 36" Height Cabinet, Add	*169.07*	
12 56 53 00-0413	EA	18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,174.65	105.99
		For 36" Height Cabinet, Add	*178.09*	
12 56 53 00-0414	EA	21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,209.86	109.16
		For 36" Height Cabinet, Add	*183.44*	
12 56 53 00-0415	EA	24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,260.59	113.73
		For 36" Height Cabinet, Add	*191.12*	
12 56 53 00-0416	EA	30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,655.10	149.34
		For 36" Height Cabinet, Add	*250.93*	
12 56 53 00-0417	EA	36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,796.11	162.12
		For 36" Height Cabinet, Add	*272.32*	
12 56 53 00-0418	EA	42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,875.45	169.20
		For 36" Height Cabinet, Add	*284.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0419	EA	48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,981.20	178.70
		For 36" Height Cabinet, Add	*300.38*	
12 56 53 00-0420	EA	15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,247.35	112.52
		For 36" Height Cabinet, Add	*189.12*	
12 56 53 00-0421	EA	18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,284.83	115.97
		For 36" Height Cabinet, Add	*194.80*	
12 56 53 00-0422	EA	21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,326.67	119.70
		For 36" Height Cabinet, Add	*201.15*	
12 56 53 00-0423	EA	24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,395.01	125.85
		For 36" Height Cabinet, Add	*211.50*	
12 56 53 00-0424	EA	30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,901.91	171.63
		For 36" Height Cabinet, Add	*288.36*	
12 56 53 00-0425	EA	36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,051.77	185.14
		For 36" Height Cabinet, Add	*311.08*	
12 56 53 00-0426	EA	42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,115.62	190.82
		For 36" Height Cabinet, Add	*320.77*	
12 56 53 00-0427	EA	48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,252.29	203.23
		For 36" Height Cabinet, Add	*341.48*	
12 56 53 00-0428	EA	30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,708.01	154.10
		For 36" Height Cabinet, Add	*258.95*	
12 56 53 00-0429	EA	36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,888.47	170.31
		For 36" Height Cabinet, Add	*286.35*	
12 56 53 00-0430	EA	42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,983.33	178.90
		For 36" Height Cabinet, Add	*300.72*	
12 56 53 00-0431	EA	48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,120.17	191.39
		For 36" Height Cabinet, Add	*321.43*	
12 56 53 00-0432	EA	30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,058.61	185.88
		For 36" Height Cabinet, Add	*312.08*	
12 56 53 00-0433	EA	36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,188.55	197.54
		For 36" Height Cabinet, Add	*331.79*	
12 56 53 00-0434	EA	42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,276.53	205.36
		For 36" Height Cabinet, Add	*345.16*	
12 56 53 00-0435	EA	48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,399.89	216.56
		For 36" Height Cabinet, Add	*363.87*	

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001 Open Office Systems Furniture Components *(12 59 13)*

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	277.78	22.70
		For Tackable Acoustical Barrier Panel, Add	*50.84*	
		For Acoustical Panel, Add	*55.27*	
		For Enameled Surface, Deduct	*-22.11*	
12 59 13 00-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	308.72	25.26
		For Tackable Acoustical Barrier Panel, Add	*56.51*	
		For Acoustical Panel, Add	*61.42*	
		For Enameled Surface, Deduct	*-24.57*	
12 59 13 00-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	330.11	26.91
		For Tackable Acoustical Barrier Panel, Add	*60.42*	
		For Acoustical Panel, Add	*65.68*	
		For Enameled Surface, Deduct	*-26.27*	
12 59 13 00-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	369.88	30.22
		For Tackable Acoustical Barrier Panel, Add	*67.71*	
		For Acoustical Panel, Add	*73.59*	
		For Enameled Surface, Deduct	*-29.44*	
12 59 13 00-0006	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	282.19	23.03
		For Tackable Acoustical Barrier Panel, Add	*51.65*	
		For Acoustical Panel, Add	*56.15*	
		For Enameled Surface, Deduct	*-22.46*	
12 59 13 00-0007	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	319.02	26.00
		For Tackable Acoustical Barrier Panel, Add	*58.40*	
		For Acoustical Panel, Add	*63.48*	
		For Enameled Surface, Deduct	*-25.39*	
12 59 13 00-0008	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	357.34	29.22
		For Tackable Acoustical Barrier Panel, Add	*65.41*	
		For Acoustical Panel, Add	*71.10*	
		For Enameled Surface, Deduct	*-28.44*	
12 59 13 00-0009	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	419.99	34.26
		For Tackable Acoustical Barrier Panel, Add	*76.88*	
		For Acoustical Panel, Add	*83.56*	
		For Enameled Surface, Deduct	*-33.43*	
12 59 13 00-0010	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	271.88	22.20
		For Tackable Acoustical Barrier Panel, Add	*49.77*	
		For Acoustical Panel, Add	*54.09*	
		For Enameled Surface, Deduct	*-21.64*	
12 59 13 00-0011	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	334.51	27.32
		For Tackable Acoustical Barrier Panel, Add	*61.23*	
		For Acoustical Panel, Add	*66.56*	
		For Enameled Surface, Deduct	*-26.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0012	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	418.53	34.18
		For Tackable Acoustical Barrier Panel, Add	*76.61*	
		For Acoustical Panel, Add	*83.27*	
		For Enameled Surface, Deduct	*-33.31*	
12 59 13 00-0013	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	501.02	40.87
		For Tackable Acoustical Barrier Panel, Add	*91.71*	
		For Acoustical Panel, Add	*99.69*	
		For Enameled Surface, Deduct	*-39.88*	
12 59 13 00-0014	EA	34" Draw Rod Panel Connector Hardware	15.17	1.23
12 59 13 00-0015	EA	42" Draw Rod Panel Connector Hardware	15.17	1.23
12 59 13 00-0016	EA	62" Draw Rod Panel Connector Hardware	16.18	1.32
12 59 13 00-0017	EA	34" Two-Way 90 Degree Panel Connector Hardware	69.78	5.69
12 59 13 00-0018	EA	42" Two-Way 90 Degree Panel Connector Hardware	80.91	6.61
12 59 13 00-0019	EA	62" Two-Way 90 Degree Panel Connector Hardware	93.04	7.60
12 59 13 00-0020	EA	34" Three-Way 90 Degree Panel Connector Hardware	108.21	8.83
12 59 13 00-0021	EA	42" Three-Way 90 Degree Panel Connector Hardware	125.40	10.24
12 59 13 00-0022	EA	62" Three-Way 90 Degree Panel Connector Hardware	145.63	11.89
12 59 13 00-0023	EA	34" Four-Way 90 Degree Panel Connector Hardware	136.54	11.14
12 59 13 00-0024	EA	42" Four-Way 90 Degree Panel Connector Hardware	159.79	13.04
12 59 13 00-0025	EA	62" Four-Way 90 Degree Panel Connector Hardware	192.15	15.68
12 59 13 00-0026	EA	34" Panel End Cap Hardware	23.26	1.90
12 59 13 00-0027	EA	42" Panel End Cap Hardware	26.30	2.15
12 59 13 00-0028	EA	62" Panel End Cap Hardware	28.32	2.31
12 59 13 00-0029	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	25.66	2.15
12 59 13 00-0030	EA	Two-Way Trim Cover For Cable Management Raceway	13.21	1.07
12 59 13 00-0031	EA	Three-Way Trim Cover For Cable Management Raceway	13.92	1.15
12 59 13 00-0032	EA	Four-Way Trim Cover For Cable Management Raceway	16.12	1.32
12 59 13 00-0033	EA	Finished End Trim Cover For Cable Management Raceway	13.21	1.07
12 59 13 00-0034	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	27.13	2.23
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	30.79	2.48
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	31.52	2.56
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.20	2.89
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	39.58	3.22
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	212.94	17.34
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	262.30	21.38
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	247.57	20.23
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	309.48	25.26
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	312.40	25.51
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	393.48	32.19
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	379.45	30.96
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	476.69	38.88
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	846.81	69.17
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	925.39	75.62
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	101.68	8.34
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	115.67	9.41
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	129.68	10.57
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	161.36	13.21
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	193.77	15.85
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	338.94	27.66
12 59 13 00-0055	EA	Transaction Surface Support	26.86	2.19
12 59 13 00-0056	EA	Plastic Pencil Drawer	29.40	2.15
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	98.99	8.09
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	107.78	8.75
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	115.12	9.41
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	170.83	13.95
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	199.44	16.34
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	228.76	18.66
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	589.13	47.83
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	622.23	50.52
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	656.54	53.31
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	718.07	58.31
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	266.91	21.79
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray	41.78	3.46
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	337.20	27.57
12 59 13 00-0070	EA	File Drawer Organizer	108.52	8.83
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	23.46	1.90
12 59 13 00-0072	EA	Utility Task Light	117.31	9.58

12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	28.37	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	31.53	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	33.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	37.77	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	28.82	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	32.58	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	36.50	
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	42.89	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	27.77	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	34.16	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	42.74	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	51.18	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.66	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	7.13	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	8.26	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	9.51	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	11.05	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	12.81	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	14.88	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	13.94	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	16.32	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	19.62	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware	2.38	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware	2.69	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware	2.89	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler	2.62	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.35	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.43	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.65	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.35	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	2.77	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	3.14	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	3.22	
12 59 13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	3.59	
12 59 13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	4.05	
12 59 13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	21.74	
12 59 13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	26.79	
12 59 13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	25.29	
12 59 13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	31.60	
12 59 13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	31.91	
12 59 13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	40.18	
12 59 13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	38.75	
12 59 13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	48.69	
12 59 13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table	75.19	
12 59 13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table	94.49	
12 59 13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	10.38	
12 59 13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	11.81	
12 59 13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	13.24	
12 59 13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	16.48	
12 59 13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	19.79	
12 59 13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	34.61	
12 59 13 00-0127	EA	Disassemble And Store Transaction Surface Support	2.73	
12 59 13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer	2.70	
12 59 13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	10.11	
12 59 13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	11.01	
12 59 13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	11.75	
12 59 13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf	17.45	
12 59 13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf	20.37	
12 59 13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf	23.36	
12 59 13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File	59.80	
12 59 13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File	63.15	
12 59 13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File	66.63	
12 59 13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File	72.89	
12 59 13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	27.26	
12 59 13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	34.44	
12 59 13 00-0141	EA	Disassemble And Store Utility Task Light	11.99	

12 59 13 00-0142 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	30.25	
12 59 13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel	33.62	
12 59 13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel	35.94	
12 59 13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel	40.27	
12 59 13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel	30.73	
12 59 13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel	34.73	
12 59 13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel	38.91	
12 59 13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel	45.72	
12 59 13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel	29.60	
12 59 13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel	36.42	
12 59 13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel	45.56	
12 59 13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel	54.56	
12 59 13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.66	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.66	
12 59 13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.77	
12 59 13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	7.60	
12 59 13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	8.81	
12 59 13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	10.13	
12 59 13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	11.78	
12 59 13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	13.65	
12 59 13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	15.86	
12 59 13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	14.87	
12 59 13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	17.40	
12 59 13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	20.92	
12 59 13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware	2.53	
12 59 13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware	2.86	
12 59 13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware	3.08	
12 59 13 00-0170	EA	Reconfigure Variable Height Panel End Filler	2.79	
12 59 13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.44	
12 59 13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.52	
12 59 13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.76	
12 59 13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.44	
12 59 13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly	2.95	
12 59 13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly	3.35	
12 59 13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly	3.43	
12 59 13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly	3.83	
12 59 13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly	4.31	
12 59 13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	23.19	
12 59 13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	28.56	
12 59 13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	26.95	
12 59 13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	33.70	
12 59 13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	34.02	
12 59 13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	42.84	
12 59 13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	41.32	
12 59 13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	51.91	
12 59 13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table	92.21	
12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table	100.76	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	11.07	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	12.60	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	14.12	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	17.57	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	21.10	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface	36.90	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support	2.91	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	10.78	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	11.73	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	12.54	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf	18.60	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf	21.71	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf	24.90	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File	63.78	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File	67.37	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File	71.08	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File	77.75	
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	36.72	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	495.75	40.46
		For >100 To 249, Deduct	*-61.17*	
		For >249 To 749, Deduct	*-73.40*	
		For >749, Deduct	*-81.56*	
		For Up To 9, Add	*664.68*	
		For >9 To 24, Add	*265.06*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4)	522.13	40.46
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-65.12*	
		For >249 To 749, Deduct	*-78.15*	
		For >749, Deduct	*-86.83*	
		For Up To 9, Add	*664.26*	
		For >9 To 24, Add	*264.84*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4)	641.85	40.46
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-83.08*	
		For >249 To 749, Deduct	*-99.70*	
		For >749, Deduct	*-110.78*	
		For Up To 9, Add	*664.66*	
		For >9 To 24, Add	*265.86*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4)	668.58	40.46
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms		
		For >100 To 249, Deduct	*-87.09*	
		For >249 To 749, Deduct	*-104.51*	
		For >749, Deduct	*-116.12*	
		For Up To 9, Add	*661.90*	
		For >9 To 24, Add	*267.08*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4)	433.03	40.46
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-51.76*	
		For >249 To 749, Deduct	*-62.11*	
		For >749, Deduct	*-69.01*	
		For Up To 9, Add	*665.97*	
		For >9 To 24, Add	*265.70*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4)	438.30	40.46
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-52.55*	
		For >249 To 749, Deduct	*-63.06*	
		For >749, Deduct	*-70.07*	
		For Up To 9, Add	*665.63*	
		For >9 To 24, Add	*266.25*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	460.96	40.46
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-55.95*	
		For >249 To 749, Deduct	*-67.14*	
		For >749, Deduct	*-74.60*	
		For Up To 9, Add	*663.92*	
		For >9 To 24, Add	*264.82*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	327.04	40.46
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-35.86*	
		For >249 To 749, Deduct	*-43.03*	
		For >749, Deduct	*-47.81*	
		For Up To 9, Add	*655.05*	
		For >9 To 24, Add	*262.98*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	366.91	40.46
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-41.84*	
		For >249 To 749, Deduct	*-50.21*	
		For >749, Deduct	*-55.79*	
		For Up To 9, Add	*655.51*	
		For >9 To 24, Add	*262.20*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	

12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	520.57	40.46
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-64.89*	
		For >249 To 749, Deduct	*-77.87*	
		For >749, Deduct	*-86.52*	
		For Up To 9, Add	*687.83*	
		For >9 To 24, Add	*276.86*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	541.97	40.46
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-68.10*	
		For >249 To 749, Deduct	*-81.72*	
		For >749, Deduct	*-90.80*	
		For Up To 9, Add	*658.30*	
		For >9 To 24, Add	*263.32*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*21.33*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*24.99*	

12 61 21 Fixed Audience Seating Accessories *(12 61)*

12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	170.35	
		For >100 To 249, Deduct	*-24.23*	
		For >249 To 749, Deduct	*-29.08*	
		For >749, Deduct	*-32.31*	
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	173.46	
		For >100 To 249, Deduct	*-24.70*	
		For >249 To 749, Deduct	*-29.64*	
		For >749, Deduct	*-32.93*	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	181.57	
		For >100 To 249, Deduct	*-25.92*	
		For >249 To 749, Deduct	*-31.10*	
		For >749, Deduct	*-34.55*	
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	170.35	
		For >100 To 249, Deduct	*-24.23*	
		For >249 To 749, Deduct	*-29.08*	
		For >749, Deduct	*-32.31*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	182.25	
		For >100 To 249, Deduct	*-26.02*	
		For >249 To 749, Deduct	*-31.22*	
		For >749, Deduct	*-34.69*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	13.92	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*

Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 62 23 00-0003	SEA	2 To 5 Rows, Non Elevated Portable Aluminum Bleacher Price Per Seat	114.56	4.06
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non Elevated Portable Aluminum Bleacher	149.89	4.06
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non Elevated Portable Aluminum Bleacher	170.68	4.27
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non Elevated Portable Aluminum Bleacher	178.19	4.48
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non Elevated Portable Aluminum Bleacher	233.57	4.58
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non Elevated Portable Aluminum Bleacher	266.86	4.81
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non Elevated Portable Aluminum Bleacher	289.37	5.08
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

END OF SECTION 12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 01 Operation and Maintenance of Special Construction *(13)*

13 01 10 Operation and Maintenance of Special Facility Components *(13 01)*

13 01 11 Operation and Maintenance of Swimming Pools *(13 01 10)*

13 01 11 11 Operation and Maintenance of Swimming Pools *(13 01 11)*

13 01 11 11-0001 Pool Restoration Items *(13 01 11 11)*

13 01 11 11-0002	LF	Saw Cutting Pool Floor	12.95	
13 01 11 11-0003	SF	Demolish Pool Floor	23.54	
13 01 11 11-0004	LF	Demolish Pool Gutter Lip	32.96	
13 01 11 11-0005	LF	Demolish Pool Coping	19.62	
13 01 11 11-0006	SF	Demolish Up To 1" Thick Pool Plaster	10.56	
13 01 11 11-0007	LF	Install Pool Coping	92.72	
13 01 11 11-0008	EA	Coring For Pool Pipe Penetrations	549.32	
13 01 11 11-0009	EA	Coring For Pool Wall Inlets	188.33	
13 01 11 11-0010	EA	Coring For Pool Gutter Outlets	313.89	
13 01 11 11-0011	EA	Core And Demolish Pool Light Fixture	627.79	
13 01 11 11-0012	EA	12 Volt, LED Pool Light	861.25	
13 01 11 11-0013	EA	Bond/Set Pool Anchors	165.50	
13 01 11 11-0014	EA	Core/Install Pool Cup Anchors	476.49	
13 01 11 11-0015	LF	Form Pool Gutter	21.98	
13 01 11 11-0016	LF	Float Pool Gutter Lip	32.96	
13 01 11 11-0017	LF	Theroseal Pool Gutter	12.13	
13 01 11 11-0018	SF	Theroseal Pool Surge Tank	9.70	
13 01 11 11-0019	EA	Pool Start-up	10,250.38	
13 01 11 11-0020	SF	Up To 1/2" Thick Troweled Pool Plaster	5.01	
		For Radius Or Irregular Surface, Add	*1.73*	
		For Up To 25, Add	*1.15*	
		For >25 To 50, Add	*0.68*	
		For >50 To 150, Add	*0.32*	
13 01 11 11-0021	SF	>1/2" To 1" Thick Troweled Pool Plaster	7.16	
		For Radius Or Irregular Surface, Add	*2.50*	
		For Up To 25, Add	*1.65*	
		For >25 To 50, Add	*0.98*	
		For >50 To 150, Add	*0.47*	
13 01 11 11-0022	SF	1" x 1" Glass Pool Tile Sheet	17.35	1.53
13 01 11 11-0023	SF	2" x 2" Porcelain Mosaic Pool Tile Sheet	21.28	1.53
13 01 11 11-0024	SF	6" x 6" Porcelain Pool Tile	26.25	1.53

13 01 11 11-0025 Swimming Pool Plaster Restoration *(13 01 11 11)*

13 01 11 11-0026	SF	Chip, Clean And Repair Plaster Up To 10 SF On Swimming Pool	31.37	
13 01 11 11-0027	SF	Chip, Clean And Repair Plaster >10 To 50 SF On Swimming Pool	22.82	
13 01 11 11-0028	SF	Chip, Clean And Repair Plaster >50 To 250 SF On Swimming Pool	16.84	
13 01 11 11-0029	SF	Chip, Clean And Repair Plaster >250 To 1,000 SF On Swimming Pool	13.42	
13 01 11 11-0030	SF	Chip, Clean And Repair Plaster >1,000 SF On Swimming Pool	10.01	

13 10 Special Facility Components *(13)*

13 11 Swimming Pools *(13 10)*

13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0043 for diatomite type filter system.

13 11 46 00-0001 Heavy Duty Ladders *(13 11 46)*

13 11 46 00-0002	EA	Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment	2,363.70	133.31
13 11 46 00-0003	EA	Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment	2,913.08	153.82

13 11 46 00-0004 Underwater Lights *(13 11 46)*

13 11 46 00-0005	EA	Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment	461.27	144.42
13 11 46 00-0006	EA	Lights, Underwater, 110 Volt, Swimming Pool Equipment	453.35	144.42

13 11 46 00-0007 Pool Covers *(13 11 46)*

Note: Includes cover straps and tension springs.

13 11 46 00-0008	SF	Pool Covers, Reinforced Polyethylene	13.79	5.78
13 11 46 00-0009	SF	Pool Cover, Vinyl Water Tube	13.38	5.78

13 11 46 00-0010 Pool Equipment And Accessories *(13 11 46)*

13 11 46 00-0011	EA	Swim Lift, Vertical, Stainless Steel, In Pool Mount Note: Spectrum #5030.	6,956.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 11 46 00-0012	EA	Swim Lift, With Arm, Stainless Steel, Deck Mount Note: Spectrum Traveler XRC #26705.	10,171.82	
13 11 46 00-0013	EA	Lifeguard Chair, Stainless Steel, 4 SF Platform, 3' High Note: Paragon #37-164 "Lookout Dual Side Mount".	8,015.38	349.58
13 11 46 00-0014	EA	Lifeguard Chair, Stainless Steel, 40" x 60" Platform, 3' High Note: Paragon #37-164 "Lookout Platform".	13,377.33	372.89
13 11 46 00-0015	EA	Lifeguard Chair, Stainless Steel, 6' High Note: Paragon #38-005 "OSHA Guard Chair".	8,627.86	372.89
13 11 46 00-0016	EA	Lifeguard Chair, Stainless Steel, 6' High Note: Paragon #38-010 "Ultraflyte Guard Chair".	7,355.99	372.89
13 11 46 00-0017	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .109" Thickness Note: Requires four anchors sockets and escutcheons. Paragon #36-070.	1,456.72	93.22
13 11 46 00-0018	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .145" Thickness Note: Requires four anchors sockets and escutcheons. Paragon #36-075.	1,643.92	93.22
13 11 46 00-0019	EA	Bronze Anchor Socket, 4" Deep For 1.90" Outside Diameter Tube	233.35	
13 11 46 00-0020	EA	Stainless Steel Escutcheon For 1.90" Outside Diameter Tube	44.63	
13 11 46 00-0021	EA	Rope Anchor	39.85	
13 11 46 00-0022	EA	Stanchion Post Socket	237.24	
13 11 46 00-0023	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness Note: Requires two anchors sockets and escutcheons.	745.20	46.61
		For 3-Bend Handrail, Add	*22.82*	
13 11 46 00-0024	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness Note: Requires two anchors sockets and escutcheons.	873.57	46.61
		For 3-Bend Handrail, Add	*27.31*	
13 11 46 00-0025	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness Note: Requires two anchors sockets and escutcheons.	798.69	46.61
		For 3-Bend Handrail, Add	*24.69*	
13 11 46 00-0026	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness Note: Requires two anchors sockets and escutcheons.	943.10	46.61
		For 3-Bend Handrail, Add	*29.75*	
13 11 46 00-0027	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness Note: Requires two anchors sockets and escutcheons.	859.66	46.61
		For 3-Bend Handrail, Add	*26.83*	
13 11 46 00-0028	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness Note: Requires two anchors sockets and escutcheons.	1,010.49	46.61
		For 3-Bend Handrail, Add	*32.10*	
13 11 46 00-0029	EA	1 Meter High Aluminum Diving Stand With Stainless Steel Handrail Note: Requires deck anchor set and diving board.	16,885.70	932.22
13 11 46 00-0030	EA	3 Meter High Aluminum Diving Stand With Stainless Steel Handrail Note: Requires deck anchor set and diving board.	33,267.04	1,864.44
13 11 46 00-0031	SET	Bronze Deck Anchor (Set of 8)	942.35	
13 11 46 00-0032	EA	16' Duraflex Diving Board	6,149.49	93.22
13 11 46 00-0033	EA	Pool Tube Slide, Stainless Steel Frame, 27" Polyethylene Flume Note: Includes 6' tower deck height, 4' x 4' top platform, 26" wide stair assembly, non-slip deck and step treads, and observation deck clear bubble.	37,893.96	1,864.44

13 12 Fountains *(13 10)*

13 12 13 Exterior Fountains *(13 12)*

13 12 13 00-0001 Fountains/Aerators *(13 12 13)*

13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord	2,300.70	152.98
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord	2,545.95	156.35
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord	2,579.04	160.13
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord	2,706.94	163.91
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord	2,835.84	168.11
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord	6,114.44	172.32
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord	7,002.28	176.93
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord	7,771.72	181.56
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord	9,844.63	186.61
13 12 13 00-0011	EA	Aerator Nozzle	783.38	84.05

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

13 21 26 13 Walk-in Coolers *(13 21 26)*

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 16 Grandstands and Bleachers *(13 34)*

13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	72.95	8.13
13 34 16 13-0004		16 To 30 Tiers *(13 34 16 13-0001)*		
13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	109.91	9.15

13 34 19 Metal Building Systems *(13 34)*

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings *(13 34 19)*

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations and slab. See CSI section 03 31 13 00-0001 for concrete slab, 03 31 13 00-0010 for concrete foundations, 13 34 19 00-0109 for metal building options.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*

13 34 19 00-0004	GSF	10' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.09	7.19
		For 30' To 49' In Length Only, Add	*3.53*	
		For 50' To 69' In Length Only, Add	*1.93*	
		For 70' To 99' In Length Only, Add	*0.79*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.93*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.55*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.03*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.91*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.46*	
		For Single Slope Frame Roof, Add	*2.21*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.92*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.00*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0005	GSF	12' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	33.15	7.90
		For 30' To 49' In Length Only, Add	*3.64*	
		For 50' To 69' In Length Only, Add	*1.98*	
		For 70' To 99' In Length Only, Add	*0.82*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.99*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.66*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.49*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.23*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.30*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.96*	
		For Single Slope Frame Roof, Add	*2.27*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.98*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.09*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0006	GSF	14' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	35.43	8.72
		For 30' To 49' In Length Only, Add	*3.74*	
		For 50' To 69' In Length Only, Add	*2.04*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.06*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.77*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.66*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.25*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.73*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.50*	
		For Single Slope Frame Roof, Add	*2.34*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.04*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.19*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0007	GSF	16' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	38.03	9.53
		For 30' To 49' In Length Only, Add	*3.91*	
		For 50' To 69' In Length Only, Add	*2.14*	
		For 70' To 99' In Length Only, Add	*0.88*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.14*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.85*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.71*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.23*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.13*	
		For Single Slope Frame Roof, Add	*2.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.11*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.30*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0008	GSF	18' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	40.71	10.36
		For 30' To 49' In Length Only, Add	*4.11*	
		For 50' To 69' In Length Only, Add	*2.24*	
		For 70' To 99' In Length Only, Add	*0.93*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.22*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.04*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.05*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.89*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.73*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.77*	
		For Single Slope Frame Roof, Add	*2.57*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.19*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.40*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0009	GSF	20' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	45.08	11.11
		For 30' To 49' In Length Only, Add	*4.74*	
		For 50' To 69' In Length Only, Add	*2.59*	
		For 70' To 99' In Length Only, Add	*1.07*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.35*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.25*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.40*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.41*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*8.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*10.82*	
		For Single Slope Frame Roof, Add	*2.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.32*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.49*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0010	GSF	24' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	50.41	12.74
		For 30' To 49' In Length Only, Add	*5.16*	
		For 50' To 69' In Length Only, Add	*2.82*	
		For 70' To 99' In Length Only, Add	*1.16*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.52*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.78*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.05*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*9.58*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*12.10*	
		For Single Slope Frame Roof, Add	*3.22*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.69*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0011 >30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings
(13 34 19 00-0002)

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0012	GSF	10' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.76	5.72
		For 30' To 49' In Length Only, Add	*3.30*	
		For 50' To 69' In Length Only, Add	*1.80*	
		For 70' To 99' In Length Only, Add	*0.74*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.34*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.01*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.08*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.42*	
		For Single Slope Frame Roof, Add	*2.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.81*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.82*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0013	GSF	12' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.41	6.24
		For 30' To 49' In Length Only, Add	*3.39*	
		For 50' To 69' In Length Only, Add	*1.85*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.85*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.42*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.13*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.77*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.40*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.82*	
		For Single Slope Frame Roof, Add	*2.12*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.85*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0014	GSF	14' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.83	6.76
		For 30' To 49' In Length Only, Add	*3.47*	
		For 50' To 69' In Length Only, Add	*1.89*	
		For 70' To 99' In Length Only, Add	*0.78*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.89*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.49*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.58*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.16*	
		For Single Slope Frame Roof, Add	*2.17*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.89*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.95*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0015	GSF	16' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.95	7.35
		For 30' To 49' In Length Only, Add	*3.65*	
		For 50' To 69' In Length Only, Add	*1.99*	
		For 70' To 99' In Length Only, Add	*0.82*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.96*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.60*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.40*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.12*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.83*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.07*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.67*	
		For Single Slope Frame Roof, Add	*2.28*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.95*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.02*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0016	GSF	18' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	34.67	7.90
		For 30' To 49' In Length Only, Add	*4.00*	
		For 50' To 69' In Length Only, Add	*2.18*	
		For 70' To 99' In Length Only, Add	*0.90*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.04*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.73*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.60*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.38*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.32*	
		For Single Slope Frame Roof, Add	*2.50*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.03*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.09*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0017	GSF	20' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	37.08	8.45
		For 30' To 49' In Length Only, Add	*4.25*	
		For 50' To 69' In Length Only, Add	*2.32*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.11*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.78*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.62*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.45*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.90*	
		For Single Slope Frame Roof, Add	*2.66*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.10*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.16*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0018	GSF	24' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	40.45	9.53
		For 30' To 49' In Length Only, Add	*4.49*	
		For 50' To 69' In Length Only, Add	*2.45*	
		For 70' To 99' In Length Only, Add	*1.01*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.21*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.03*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.94*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.85*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.69*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.71*	
		For Single Slope Frame Roof, Add	*2.81*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.20*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.30*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0019		>50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*		
13 34 19 00-0020	GSF	10' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.07	3.98
		For 30' To 49' In Length Only, Add	*2.88*	
		For 50' To 69' In Length Only, Add	*1.57*	
		For 70' To 99' In Length Only, Add	*0.65*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.06*	
		For Single Slope Frame Roof, Add	*1.80*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0021	GSF	12' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.91	4.18
		For 30' To 49' In Length Only, Add	*2.97*	
		For 50' To 69' In Length Only, Add	*1.62*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.64*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.14*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.63*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.16*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.26*	
		For Single Slope Frame Roof, Add	*1.86*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0022	GSF	14' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	22.73	4.38
		For 30' To 49' In Length Only, Add	*3.06*	
		For 50' To 69' In Length Only, Add	*1.67*	
		For 70' To 99' In Length Only, Add	*0.69*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.14*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.70*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.22*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.32*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.46*	
		For Single Slope Frame Roof, Add	*1.91*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0023	GSF	16' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.02	5.06
		For 30' To 49' In Length Only, Add	*3.24*	
		For 50' To 69' In Length Only, Add	*1.77*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.75*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.25*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.88*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.44*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.00*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.75*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.00*	
		For Single Slope Frame Roof, Add	*2.02*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.76*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.73*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0024	GSF	18' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.80	5.64
		For 30' To 49' In Length Only, Add	*3.35*	
		For 50' To 69' In Length Only, Add	*1.83*	
		For 70' To 99' In Length Only, Add	*0.75*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.34*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.01*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.22*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.43*	
		For Single Slope Frame Roof, Add	*2.09*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.81*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0025	GSF	20' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.48	6.21
		For 30' To 49' In Length Only, Add	*3.44*	
		For 50' To 69' In Length Only, Add	*1.88*	
		For 70' To 99' In Length Only, Add	*0.77*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.85*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.42*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.14*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.78*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.42*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.84*	
		For Single Slope Frame Roof, Add	*2.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.86*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0026	GSF	24' Eave Height, Up To 30' Long, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.70	7.03
		For 30' To 49' In Length Only, Add	*3.77*	
		For 50' To 69' In Length Only, Add	*2.06*	
		For 70' To 99' In Length Only, Add	*0.85*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.95*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.59*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.09*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.80*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.02*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.61*	
		For Single Slope Frame Roof, Add	*2.35*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.95*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.98*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0027		Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)* Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0028		20' To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0029	GSF	10' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.20	5.72
		For 30' To 49' In Length Only, Add	*3.40*	
		For 50' To 69' In Length Only, Add	*1.86*	
		For 70' To 99' In Length Only, Add	*0.77*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.82*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.36*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.04*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.65*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.17*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.53*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.82*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0030	GSF	12' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	29.17	6.24
		For 30' To 49' In Length Only, Add	*3.59*	
		For 50' To 69' In Length Only, Add	*1.96*	
		For 70' To 99' In Length Only, Add	*0.81*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.88*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.46*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.19*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.84*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.50*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.00*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.88*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0031	GSF	14' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	31.10	6.76
		For 30' To 49' In Length Only, Add	*3.77*	
		For 50' To 69' In Length Only, Add	*2.06*	
		For 70' To 99' In Length Only, Add	*0.85*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.93*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.56*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.03*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.91*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.46*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.93*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.95*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0032	GSF	16' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	33.64	7.35
		For 30' To 49' In Length Only, Add	*4.05*	
		For 50' To 69' In Length Only, Add	*2.21*	
		For 70' To 99' In Length Only, Add	*0.91*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.01*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.68*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.28*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.39*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.07*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.01*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.02*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0033	GSF	18' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	35.84	7.93
		For 30' To 49' In Length Only, Add	*4.27*	
		For 50' To 69' In Length Only, Add	*2.33*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.08*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.79*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.69*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.49*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.30*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.81*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.60*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.07*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.09*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0034	GSF	20' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	38.02	8.50
		For 30' To 49' In Length Only, Add	*4.48*	
		For 50' To 69' In Length Only, Add	*2.44*	
		For 70' To 99' In Length Only, Add	*1.01*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.14*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.85*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.71*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.22*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.12*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.14*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.16*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0035	GSF	24' Eave Height, Up To 30' Long, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	42.52	9.69
		For 30' To 49' In Length Only, Add	*4.90*	
		For 50' To 69' In Length Only, Add	*2.68*	
		For 70' To 99' In Length Only, Add	*1.10*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.28*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.13*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.19*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.15*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.10*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*8.08*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*10.20*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.27*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.31*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0036		>30' To 50' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0037	GSF	10' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.56	5.06
		For 30' To 49' In Length Only, Add	*3.12*	
		For 50' To 69' In Length Only, Add	*1.71*	
		For 70' To 99' In Length Only, Add	*0.70*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.74*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.39*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.95*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.89*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.73*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0038	GSF	12' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.16	5.53
		For 30' To 49' In Length Only, Add	*3.25*	
		For 50' To 69' In Length Only, Add	*1.78*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.31*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.96*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.55*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.97*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.28*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.79*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0039	GSF	14' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.73	5.99
		For 30' To 49' In Length Only, Add	*3.38*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.83*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.39*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.08*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.70*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.33*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.27*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.66*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.83*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.85*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0040	GSF	16' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	29.48	6.42
		For 30' To 49' In Length Only, Add	*3.56*	
		For 50' To 69' In Length Only, Add	*1.94*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.88*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.47*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.21*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.54*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.08*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.89*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.91*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0041	GSF	18' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	31.22	6.89
		For 30' To 49' In Length Only, Add	*3.72*	
		For 50' To 69' In Length Only, Add	*2.03*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.94*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.56*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.34*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.04*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.75*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.93*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.49*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.94*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.96*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0042	GSF	20' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	32.95	7.35
		For 30' To 49' In Length Only, Add	*3.89*	
		For 50' To 69' In Length Only, Add	*2.12*	
		For 70' To 99' In Length Only, Add	*0.87*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.99*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.65*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.47*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.21*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.95*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.26*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.91*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.99*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.02*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0043	GSF	24' Eave Height, Up To 30' Long, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	36.83	8.39
		For 30' To 49' In Length Only, Add	*4.25*	
		For 50' To 69' In Length Only, Add	*2.32*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.10*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.84*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.76*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.59*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.42*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.84*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.10*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.15*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0044		>50' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0045	GSF	10' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	21.49	3.98
		For 30' To 49' In Length Only, Add	*2.98*	
		For 50' To 69' In Length Only, Add	*1.63*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.10*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.58*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.08*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.16*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0046	GSF	12' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	22.63	4.25
		For 30' To 49' In Length Only, Add	*3.11*	
		For 50' To 69' In Length Only, Add	*1.70*	
		For 70' To 99' In Length Only, Add	*0.70*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.13*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.70*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.21*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.72*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.30*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0047	GSF	14' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.73	4.53
		For 30' To 49' In Length Only, Add	*3.22*	
		For 50' To 69' In Length Only, Add	*1.76*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.19*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.31*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.85*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.51*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.67*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0048	GSF	16' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.94	4.79
		For 30' To 49' In Length Only, Add	*3.36*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.75*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.25*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.43*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.99*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.74*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.99*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.76*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.70*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0049	GSF	18' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.46	5.12
		For 30' To 49' In Length Only, Add	*3.55*	
		For 50' To 69' In Length Only, Add	*1.94*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.58*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.18*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.03*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.35*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.81*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.74*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0050	GSF	20' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.86	5.39
		For 30' To 49' In Length Only, Add	*3.74*	
		For 50' To 69' In Length Only, Add	*2.04*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.39*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.09*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.34*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.69*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.85*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.78*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0051	GSF	24' Eave Height, Up To 30' Long, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	31.04	6.13
		For 30' To 49' In Length Only, Add	*4.10*	
		For 50' To 69' In Length Only, Add	*2.24*	
		For 70' To 99' In Length Only, Add	*0.92*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.93*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.55*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.03*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.72*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.90*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.95*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.87*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0052		Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0053		Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0054	GSF	14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.32	4.69
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.12*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.18*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.24*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.36*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.69*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0055	GSF	16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.80	5.02
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.19*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.79*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.32*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.86*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.52*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.71*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.72*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.73*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0056	GSF	18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	24.99	5.28
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.75*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.25*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.44*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.00*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.75*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.00*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.76*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0057	GSF	20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	26.16	5.56
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.31*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.96*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.55*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.97*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.28*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.80*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0058	GSF	24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	28.32	6.04
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.85*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.42*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.76*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.40*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.38*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.80*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.85*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.86*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0059		>60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0060	GSF	14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.75	4.14
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.04*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.02*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.98*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0061	GSF	16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.08	4.41
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.15*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.65*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.20*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.30*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0062	GSF	18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.28	4.69
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.16*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.27*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.79*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.42*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.59*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.69*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0063	GSF	20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	24.31	4.90
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.22*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.37*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.92*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.62*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.83*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0064	GSF	24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	26.30	5.34
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.97*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.56*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.80*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.77*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0065 >80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0066	GSF	14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.31	3.65
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.88*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.32*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.63*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0067	GSF	16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.23	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.43*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.84*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.86*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0068	GSF	18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.31	4.03
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.60*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.08*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.11*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0069	GSF	20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.22	4.19
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.11*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.17*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.67*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.22*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.33*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.68*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0070	GSF	24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	24.05	4.57
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.72*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.20*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.80*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.34*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.89*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.67*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0071		>100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0072	GSF	14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.83	3.49
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.58*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.52*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0073	GSF	16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.58	3.65
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.59*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.98*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.47*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.35*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.72*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0074	GSF	18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.48	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.54*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.00*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.46*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.89*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.92*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0075	GSF	20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.35	3.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.60*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.08*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.06*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.12*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0076	GSF	24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.16	4.31
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.69*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.16*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.74*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.26*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.78*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.40*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.64*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0077 Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0078 Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*

13 34 19 00-0079	GSF	14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.62	3.65
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.40*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.23*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.47*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0080	GSF	16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.34	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.89*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.32*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.64*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0081	GSF	18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.47	3.70
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.46*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.90*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.34*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.70*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0082	GSF	20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	20.24	3.86
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.43*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.85*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.86*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0083	GSF	24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	22.80	4.14
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.14*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.71*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.22*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.74*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.33*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.47*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0084 >120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*

13 34 19 00-0085	GSF	14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.62	3.33
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.32*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.11*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.35*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.23*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0086	GSF	16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.22	3.43
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.91*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.19*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.46*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.37*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.53*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0087	GSF	18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.91	3.57
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.95*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.42*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.27*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.54*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0088	GSF	20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.58	3.70
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.59*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.98*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.47*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.35*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.72*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0089	GSF	24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	22.12	3.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.11*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.16*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.65*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.20*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.68*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

13 34 19 00-0092	GSF	14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.94	3.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.27*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.65*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.03*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.22*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.07*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0093	GSF	16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.65	3.27
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.32*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.12*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.35*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.24*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0094	GSF	18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.25	3.38
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.91*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.19*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.47*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.38*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0095	GSF	20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.80	3.49
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.83*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.51*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0096	GSF	24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	21.34	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.60*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.08*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.12*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0097 >160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0098	GSF	14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.71	3.05
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.84*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.25*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.01*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.17*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.01*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0099	GSF	16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.31	3.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.87*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.69*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.08*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0100	GSF	18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.96	3.27
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0101	GSF	20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.56	3.38
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.39*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.23*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.53*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0102	GSF	24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	20.98	3.65
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.52*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.99*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.04*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0103		>180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0090)*		
13 34 19 00-0104	GSF	14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.52	2.94
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.47*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0105	GSF	16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.00	3.05
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.28*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.23*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.08*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0106	GSF	18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.67	3.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.12*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.36*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.24*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0107	GSF	20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.31	3.27
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.79*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.20*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.48*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.39*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0108	GSF	24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	20.74	3.54
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.04*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.02*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.98*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0109		**Metal Building Options** *(13 34 19 00-0001)* Note: For use with metal buildings only. See CSI section 08 36 13 00-0013 for sectional doors, 08 51 13 00-0065 for sliding windows.		
13 34 19 00-0110		**Metal Framing For Rough Openings** *(13 34 19 00-0109)* Note: Excludes doors See CSI section 08 13 00 00-0000 for metal doors, 08 14 00 00-0000 for wood doors, 08 33 23 00-0000 for overhead coiling doors.		
13 34 19 00-0111	EA	Single Door, Metal Frame Rough Opening	570.82	122.04
13 34 19 00-0112	EA	Double Door, Metal Frame Rough Opening	884.81	158.00
13 34 19 00-0113	EA	10' x 10' Overhead Door, Metal Frame Rough Opening	1,078.79	149.82
13 34 19 00-0114	EA	12' x 12' Overhead Door, Metal Frame Rough Opening	1,169.74	152.55
13 34 19 00-0115	EA	14' x 14' Overhead Door, Metal Frame Rough Opening	1,245.12	158.00
13 34 19 00-0116	EA	Up To 12 SF, Window Opening, Metal Frame Rough Opening	545.68	122.04
13 34 19 00-0117	EA	>12 To 18 SF, Window Opening, Metal Frame Rough Opening	611.62	138.71
13 34 19 00-0118	LF	Additional Girts	12.47	
13 34 19 00-0119		**Wall Panel Options For Metal Buildings** *(13 34 19 00-0109)* Note: Upgrade from 26 gauge wall panels.		
13 34 19 00-0120	SF	Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	13.04	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0121	SF	Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	15.63	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0122	SF	Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	17.92	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0123	SF	Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	20.52	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0124			**Roofing Options For Metal Buildings** *(13 34 19 00-0109)*		
			Note: Upgrade from 26 gauge standing seam roof panels.		
13 34 19 00-0125		SF	Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof	1.42	
13 34 19 00-0126		SF	Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42	23.45	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
			For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0127		SF	Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42	24.90	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
			For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0128		SF	Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42	26.07	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
			For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0129		EA	3' x 10' Translucent Fiberglass Panels	165.98	46.85
13 34 19 00-0130		LF	Vented Ridge Vent For Standing Seam Roof	21.11	
13 34 19 00-0131			**Insulation For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0132		SF	1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.03	0.28
13 34 19 00-0133		SF	2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.14	0.28
13 34 19 00-0134		SF	3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.30	0.37
13 34 19 00-0135		SF	3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.49	0.37
13 34 19 00-0136		SF	6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.87	0.37
13 34 19 00-0137		SF	1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.25	0.28
13 34 19 00-0138		SF	2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.36	0.28
13 34 19 00-0139		SF	3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.48	0.37
13 34 19 00-0140		SF	3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.63	0.37
13 34 19 00-0141		SF	6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.93	0.37
13 34 19 00-0142		SF	1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.19	0.28
13 34 19 00-0143		SF	2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.32	0.28
13 34 19 00-0144		SF	3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.57	0.37
13 34 19 00-0145		SF	3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.72	0.37
13 34 19 00-0146		SF	6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	2.00	0.37
13 34 19 00-0147		SF	2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.11	0.28
13 34 19 00-0148		SF	3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.17	0.28
13 34 19 00-0149		SF	4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.32	0.37
13 34 19 00-0150		SF	6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.63	0.37
13 34 19 00-0151		SF	2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.11	0.28
13 34 19 00-0152		SF	3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.18	0.28
13 34 19 00-0153		SF	4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.34	0.37
13 34 19 00-0154		SF	6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.67	0.37
13 34 19 00-0155		SF	2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.48	0.28
13 34 19 00-0156		SF	3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.58	0.28
13 34 19 00-0157		SF	4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.74	0.37
13 34 19 00-0158		SF	6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.06	0.37
13 34 19 00-0159			**Eave And Overhang Options For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0160		LF	2' End Wall Roof Overhang And 26 Gauge Soffit	41.89	8.50
13 34 19 00-0161		LF	4' End Wall Roof Overhang And 26 Gauge Soffit	63.37	6.10
13 34 19 00-0162		SF	Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy	85.76	13.62
			Note: Up to 7' projection from wall. Includes finished underside and edges.		
			For End Braced (Up To 16' Wall Projection), Add	*20.08*	
			For Overhead Braced (Up To 10' Wall Projection), Add	*11.50*	
13 34 19 00-0163		SF	>20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy	71.65	11.44
			Note: Up to 7' projection from wall. Includes finished underside and edges.		
			For End Braced (Up To 16' Wall Projection), Add	*16.77*	
			For Overhead Braced (Up To 10' Wall Projection), Add	*9.60*	
13 34 19 00-0164		SF	>50 SF, Prefinished Aluminum, Wall Hung Canopy	54.33	9.81
			Note: Up to 7' projection from wall. Includes finished underside and edges.		
			For End Braced (Up To 16' Wall Projection), Add	*12.60*	
			For Overhead Braced (Up To 10' Wall Projection), Add	*7.17*	
13 34 19 00-0165		SF	Up To 50 SF, Prefinished Aluminum, Free Standing Canopy	104.68	20.70
			Note: Includes finished underside and edges.		
13 34 19 00-0166		SF	>50 SF, Prefinished Aluminum, Free Standing Canopy	70.35	12.53
			Note: Includes finished underside and edges.		
13 34 19 00-0167		LF	1' Standard Eave Overhang Without Soffit	41.52	
13 34 19 00-0168		LF	2' Standard Eave Overhang Without Soffit	51.97	
13 34 19 00-0169		LF	3' Standard Eave Overhang Without Soffit	62.64	
13 34 19 00-0170		LF	4' Standard Eave Overhang Without Soffit	73.16	
13 34 19 00-0171		LF	6' Standard Eave Overhang Without Soffit	93.97	
13 34 19 00-0172		LF	1' Standard Eave Overhang And 26 Gauge Soffit	55.49	
			For 24 Gauge, Add	*6.23*	
13 34 19 00-0173		LF	2' Standard Eave Overhang And 26 Gauge Soffit	69.40	
			For 24 Gauge, Add	*7.86*	
13 34 19 00-0174		LF	3' Standard Eave Overhang And 26 Gauge Soffit	83.48	
			For 24 Gauge, Add	*9.42*	
13 34 19 00-0175		LF	4' Standard Eave Overhang And 26 Gauge Soffit	97.55	
			For 24 Gauge, Add	*10.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0176	LF	6' Standard Eave Overhang And 26 Gauge Soffit	124.76	
		For 24 Gauge, Add	*14.14*	
13 34 19 00-0177		**Louvers And Vents For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0178	EA	4' x 3' Fixed Louver	654.00	169.99
13 34 19 00-0179	EA	12" Rotary Vent With Damper	396.48	108.96
13 34 19 00-0180	EA	20" Rotary Vent With Damper	703.28	145.47
13 34 19 00-0181	EA	24" Rotary Vent With Damper	934.50	163.45
13 34 19 00-0182	EA	Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10'	1,068.28	217.92
13 34 19 00-0183	EA	Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10'	1,140.26	217.92
13 34 19 00-0184	EA	Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,328.66	217.92
13 34 19 00-0185	EA	Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,452.66	217.92
13 34 19 00-0186	EA	Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,589.06	217.92
13 34 19 00-0187	EA	Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,725.46	217.92
13 34 19 00-0188	EA	Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen	2,268.42	272.41
13 34 19 00-0189	EA	Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen	2,491.62	272.41
13 34 19 00-0190		**Gutters And Downspouts For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0191	LF	Pre-Engineered Standard Type Gutter, Painted	11.99	2.72
		For Galvanized Instead Of Painted, Deduct	*-1.64*	
13 34 19 00-0192	LF	Pre-Engineered Standard Type Downspout, Painted	10.23	3.82
		For Galvanized Instead Of Painted, Deduct	*-0.65*	

13 34 23 Fabricated Structures *(13 34)*

13 34 23 13 Portable and Mobile Buildings *(13 34 23)*

13 34 23 13-0001		**Prefabricated Signal, Communication Or Electrical Building** *(13 34 23 13)* Note: Complete, includes door, roof, lights and wiring, insulation, painted.		
13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	551.90	
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	473.37	
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	378.87	
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	299.79	
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	267.96	
13 34 23 13-0007		**Temporary Trailers 1 To 6 Years Life** *(13 34 23 13)* Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
13 34 23 13-0008	SF	Single Trailer Up To 14' x 73'	62.76	
		For Each Delivery And Set-Up (Block And Level), Add	*1,316.05*	
		For Each Knock-Down And Pick-Up, Add	*1,036.05*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0009	SF	Modular Trailers, Connected	87.86	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,912.37*	
		For Each Knock-Down And Pick-Up, Add	*2,262.37*	
13 34 23 13-0010	EA	Add Per Additional Exterior Door With Frame And Hardware	941.34	
13 34 23 13-0011		**Accessories** *(13 34 23 13)*		
13 34 23 13-0012		**Skirting** *(13 34 23 13-0011)* Note: Includes 2" x 4" wood framing 16" on center.		
13 34 23 13-0013		**Vinyl Covered, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0014	SF	1'-8" High Vinyl Covered Skirt	4.57	1.60
13 34 23 13-0015	SF	3' High Vinyl Covered Skirt	6.60	2.63
13 34 23 13-0016		**Fiberglass, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0017	SF	1'-8" High Fiberglass Skirt	7.75	3.01
13 34 23 13-0018	SF	3' High Fiberglass Skirt	9.00	3.67
13 34 23 13-0019		**Plywood, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	7.72	3.20
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt	9.12	3.85
13 34 23 13-0022		**Steel, Painted, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	9.01	3.01
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt	10.41	3.67
13 34 23 13-0025		**14" x 14" Access Hatch** *(13 34 23 13-0011)* Note: Simple design.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	228.07	70.61
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	182.64	70.61
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	226.29	70.61
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch	227.75	70.61
13 34 23 13-0030		Pole Anchor *(13 34 23 13-0011)*		
		Note: Joslyn.		
13 34 23 13-0031	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	63.28	26.42
13 34 23 13-0032	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	71.97	26.42
13 34 23 13-0033	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	96.55	29.71
13 34 23 13-0034	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	136.53	33.02
13 34 23 13-0035	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	156.08	36.32
13 34 23 13-0036	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	251.31	49.53
13 34 23 13-0037		Aluminum Modular Access Ramp *(13 34 23 13-0011)*		
		Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
13 34 23 13-0038	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,405.54	23.50
13 34 23 13-0039	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,433.74	30.56
13 34 23 13-0040	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,084.02	47.01
13 34 23 13-0041	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,636.81	47.01
13 34 23 13-0042	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,571.94	30.56
13 34 23 13-0043	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,543.74	23.50
13 34 23 13-0044	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	4,950.45	30.56
13 34 23 13-0045	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,504.57	30.56
13 34 23 13-0046	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,504.57	30.56
13 34 23 13-0047	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,993.44	30.56
13 34 23 13-0048	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,478.85	30.56
13 34 23 14		**Fabricated Classroom Buildings** *(13 34 23)*		
13 34 23 14-0001		Semi Permanent Modular Transportable Buildings *(13 34 23 14)*		
13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	93.51	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,912.37*	
		For Each Knock-Down And Pick-Up, Add	*2,262.37*	
13 34 23 14-0003	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	96.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,912.37*	
		For Each Knock-Down And Pick-Up, Add	*2,262.37*	
13 34 23 16		**Fabricated Control Booths** *(13 34 23)*		
13 34 23 16-0001		Fabricated Parking Attendant Booths *(13 34 23 16)*		
		Note: Excludes foundations and slab.		
13 34 23 16-0002	EA	Parking Booth For Attendant	1,328.98	
13 34 23 31		**Fabricated Pavilion Style Buildings** *(13 34 23)*		
13 34 23 31-0001		Pavilion Style Metal Shelter Structures *(13 34 23 31)*		
		Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.		
13 34 23 31-0002	EA	12' x 12' Pavilion Style Metal Shelter Structure	10,781.76	2,089.49
13 34 23 31-0003	EA	16' x 16' Pavilion Style Metal Shelter Structure	12,665.73	2,180.37
13 34 23 31-0004	EA	16' x 32' Pavilion Style Metal Shelter Structure	16,162.07	2,325.73
13 34 23 31-0005	EA	20' x 20' Pavilion Style Metal Shelter Structure	15,179.79	2,253.05
13 34 23 31-0006	EA	20' x 30' Pavilion Style Metal Shelter Structure	18,784.55	2,471.08
13 34 23 31-0007	EA	20' x 40' Pavilion Style Metal Shelter Structure	22,390.66	2,543.77
13 34 23 31-0008	EA	24' x 24' Pavilion Style Metal Shelter Structure	18,566.14	2,325.73
13 34 23 31-0009	EA	24' x 48' Pavilion Style Metal Shelter Structure	26,213.76	2,907.16
13 34 23 31-0010	EA	30' x 30' Pavilion Style Metal Shelter Structure	25,198.14	2,907.16
13 34 23 31-0011	EA	30' x 60' Pavilion Style Metal Shelter Structure	50,163.94	3,633.95
13 34 23 31-0012	EA	40' x 40' Pavilion Style Metal Shelter Structure	46,406.73	4,541.63
13 34 23 31-0013	EA	40' x 60' Pavilion Style Metal Shelter Structure	67,248.48	5,087.53

13 40 Integrated Construction *(13)*

13 42 Building Modules *(13 40)*

13 42 63 Detention Cell Modules *(13 42)*

13 42 63 16 Steel Detention Cell Modules *(13 42 63)*

13 42 63 16-0001	EA	Bar Front, Rolling, 7/8" Bars, 4" On Center, 7' High, 5' Wide	21,754.00	823.55
		Note: With hardware.		
13 42 63 16-0002	EA	Cells, Prefabricated, 5'-6' Wide, 7'-8' High, Bar Front, Cot	28,750.09	1,102.76
		Note: Not including plumbing.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 42 63 16-0003	SF	Temporary Holding Cell, 1/4" Woven Rod Panels On 2" Centers Note: Includes 12 gauge steel frame and concealment plates.	121.99	7.81
13 42 63 16-0004	SF	Solid Security Ceiling, 14 Gauge Formed Steel Channels Note: 20" wide, 14 gauge galvannealed steel face sheet, 10 gauge steel wall angle, backed polyester powder finish.	91.52	7.81
13 42 63 16-0005	SF	Perforated Metal Crime Shield	88.33	3.23

13 46 Lightning Protection Systems *(13 40)*

13 46 13 Lightning Protection for Structures *(13 46)*

13 46 13 00-0001 Lightning Protection *(13 46 13)*

See CSI section 26 05 26 00-0001 for conductors.

13 46 13 00-0002 Air Terminals For Lightning Protection *(13 46 13 00-0001)*

13 46 13 00-0003 Copper Lightning Protection Air Terminals *(13 46 13 00-0002)*

13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	53.97	11.54
13 46 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	67.52	11.54
13 46 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	86.55	11.54
13 46 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	96.41	11.54
13 46 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	184.29	23.06

13 46 13 00-0009 Aluminum Lightning Protection Air Terminals *(13 46 13 00-0002)*

13 46 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	57.23	11.54
13 46 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	73.27	11.54
13 46 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	92.04	11.54
13 46 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	102.47	11.54
13 46 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	196.73	23.06

13 46 13 00-0015 Terminal Bases For Lightning Protection *(13 46 13 00-0001)*

13 46 13 00-0016 Copper Lightning Protection Terminal Bases *(13 46 13 00-0015)*

13 46 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	82.97	34.60
13 46 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	114.26	46.14
13 46 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	151.60	57.66
13 46 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	114.26	46.14
13 46 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	120.13	46.14
13 46 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	215.95	92.27
13 46 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	150.06	57.66
13 46 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	82.97	34.60

13 46 13 00-0025 Aluminum Lightning Protection Terminal Bases *(13 46 13 00-0015)*

13 46 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	82.67	34.60
13 46 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	116.10	46.14
13 46 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	154.17	57.66
13 46 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	116.41	46.14
13 46 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	120.76	46.14
13 46 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	220.54	92.27
13 46 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	150.98	57.66
13 46 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	82.67	34.60

13 46 13 00-0034 Connectors *(13 46 13 00-0001)*

13 46 13 00-0035 Copper Cable Connectors *(13 46 13 00-0034)*

13 46 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	167.14	57.66
13 46 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	231.81	92.27
13 46 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	152.66	57.66
13 46 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	35.32	11.54
13 46 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	35.65	11.54
13 46 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	109.39	34.60

13 46 13 00-0042 Aluminum Cable Connectors *(13 46 13 00-0034)*

13 46 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	167.54	57.66
13 46 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	238.41	92.27
13 46 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	158.22	57.66
13 46 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	36.56	11.54
13 46 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	108.37	34.60

13 46 13 00-0048 Bonding Plates *(13 46 13 00-0001)*

13 46 13 00-0049 Copper Bonding Plates *(13 46 13 00-0048)*

13 46 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	138.68	57.66
13 46 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	142.27	57.66
13 46 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	210.21	92.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0053		Aluminum Bonding Plates *(13 46 13 00-0048)*		
13 46 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	138.01	57.66
13 46 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	142.98	57.66
13 46 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	207.79	92.27
13 46 13 00-0057		Cable Supports *(13 46 13 00-0001)*		
13 46 13 00-0058		Copper Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System	26.44	11.54
13 46 13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	26.98	11.54
13 46 13 00-0061		Aluminum Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	26.02	11.54
13 46 13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System	25.84	11.54
13 46 13 00-0064		Bonding Straps *(13 46 13 00-0001)*		
13 46 13 00-0065		Copper Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	72.19	34.60
13 46 13 00-0067		Aluminum Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	72.10	34.60
13 46 13 00-0069		Accessories For Lightning Protection *(13 46 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46 13 00-0070		Copper Adapters *(13 46 13 00-0069)*		
13 46 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	25.08	5.76
13 46 13 00-0072		Aluminum Adapters *(13 46 13 00-0069)*		
13 46 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	29.19	5.76
13 46 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	168.63	57.66

13 47 Facility Protection *(13 40)*

13 47 13 Cathodic Protection *(13 47)*

13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

13 47 13 13-0001		Anodes *(13 47 13 13)*		
13 47 13 13-0002		Magnesium Type, Conventional *(13 47 13 13-0001)*		
13 47 13 13-0003	EA	9 LB Magnesium Type Anodes	383.43	169.39
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes	567.76	244.81
13 47 13 13-0005	EA	32 LB Magnesium Type Anode	771.85	314.95
13 47 13 13-0006	EA	48 LB Magnesium Type Anode	1,097.76	440.67
13 47 13 13-0007		Graphite Type *(13 47 13 13-0001)*		
		Note: Includes epoxy cap.		
13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	562.98	233.92
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	873.20	326.65
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	652.55	204.42
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	995.59	272.91
13 47 13 13-0012		Rectifiers *(13 47 13 13)*		
13 47 13 13-0013		Air Cooled, Silicon Type *(13 47 13 13-0012)*		
13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type	1,919.39	332.17
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type	2,075.99	332.17
13 47 13 13-0016		Oil Immersed, Silicon Type *(13 47 13 13-0012)*		
13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type	2,892.34	384.07
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type	3,060.12	384.07
13 47 13 13-0019		Anode Backfill *(13 47 13 13)*		
13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	1.10	0.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 47 13 13-0021		Cathodic Protection Cable *(13 47 13 13)*		
13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	2,148.89	817.67
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	2,376.50	817.67
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	2,717.92	817.67
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	3,286.96	817.67
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	4,074.78	900.92
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	4,501.55	900.92
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	5,212.84	900.92
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	7,081.50	982.05
13 47 13 13-0030		Cathodic Test Stations *(13 47 13 13)*		
13 47 13 13-0031		Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0030)*		
13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	286.76	95.73

13 47 13 16 Cathodic Protection for Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, and Seismic Control *(13 40)*

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001		Seismic Bracing Assembly *(13 48 63)*		
13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	142.10	
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	135.31	
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	202.66	
13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	262.97	
13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	289.65	
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	430.66	
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	571.67	
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	162.99	
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	240.67	
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	318.35	
13 48 63 00-0012		Seismic Brace Components *(13 48 63)*		
13 48 63 00-0013	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1) Note: To be used with 7x19 stranded cable.	30.52	
13 48 63 00-0014	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2) Note: To be used with 7x19 stranded cable.	42.76	
13 48 63 00-0015	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3) Note: To be used with 7x19 stranded cable.	57.45	
13 48 63 00-0016	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4) Note: To be used with 7x19 stranded cable.	79.46	
13 48 63 00-0017	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-1) Note: To be used with angle or channel.	28.52	
13 48 63 00-0018	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-2) Note: To be used with angle or channel.	39.29	
13 48 63 00-0019	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-3) Note: To be used with angle or channel.	52.37	
13 48 63 00-0020	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-4) Note: To be used with angle or channel.	71.61	
13 48 63 00-0021	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1) Note: To be used with 7x19 stranded cable.	35.06	
13 48 63 00-0022	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2) Note: To be used with 7x19 stranded cable.	46.99	
13 48 63 00-0023	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3) Note: To be used with 7x19 stranded cable.	66.23	
13 48 63 00-0024	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	63.15	
13 48 63 00-0025	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	89.70	
13 48 63 00-0026	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	123.17	
13 48 63 00-0027	EA	Seismic Rod Clamp (Mason SRC-1) Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	26.35	
13 48 63 00-0028	EA	Seismic Rod Clamp (Mason SRC-1 1/2) Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	32.50	
13 48 63 00-0029	EA	Seismic Rod Clamp (Mason SRC-2) Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	40.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	252.32	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	378.49	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	252.32	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	252.32	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	189.25	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	123.25	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	154.06	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	899.06	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,123.82	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	449.52	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,011.44	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	674.29	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	1,573.35	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	1,798.11	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	1,348.58	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	1,685.73	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	899.06	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	1,836.94	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,066.56	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	1,836.94	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	1,836.94	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	1,836.94	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	30,417.14	5,651.45
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*7,982.70*	
		For An Additional Stop, Add *Note: Includes Removal.*	*6,477.14*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	32,932.25	6,828.84
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*8,069.90*	
		For An Additional Stop, Add *Note: Includes Removal.*	*6,860.14*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	40,370.93	7,770.74
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*9,465.18*	
		For An Additional Stop, Add *Note: Includes Removal.*	*8,723.14*	
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	4,091.90	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	65.69	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	721.59	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,396.60	470.95
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	2,775.00	470.95
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes buildback.	5,734.98	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes buildback.	6,432.62	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes buildback.	6,183.22	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes buildback.	6,880.86	
14 01 20 71-0037	SF	Cab Flooring, Epoxy Aggregate Note: SF cost not applicable for partial cab flooring.	66.54	13.46
14 01 20 71-0038	SF	Cab Flooring, Aluminum Diamond Plate Note: SF cost not applicable for partial cab flooring.	54.16	13.46
14 01 20 71-0039	EA	Solid State Starting (Soft Start)	5,419.90	353.22
14 01 20 71-0040	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	16,918.24	1,972.12
14 01 20 71-0041	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	1,658.43	470.95
14 01 20 71-0042	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	338.59	117.74
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	313.96	235.48
14 01 20 71-0044	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	480.74	206.04
14 01 20 71-0045	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	2,077.39	470.95
14 01 20 71-0046	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	482.91	217.81
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	313.96	235.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	610.46	235.48
14 01 20 71-0049	EA	Fire Service Key Switch Controller	2,999.99	470.95
14 01 20 71-0050	EA	ADA Telephone (Rath Microtech)	988.94	235.48
14 01 20 71-0051	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	6,959.25	941.91
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	7,622.01	941.91
14 01 20 71-0053	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,033.05	235.48
14 01 20 71-0054	EA	Car Operating Panel (ADA, Fire, Position, Chime)	7,430.15	941.91
14 01 20 71-0055	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	1,648.22	235.48
14 01 20 71-0056	EA	Car Traveling Lanterns With Audible Signal	1,281.98	235.48
14 01 20 71-0057	EA	Hoistway Door Jamb Floor Tags (Braille)	180.53	117.74
14 01 20 71-0058	EA	Lobby Vandal Resistant Call Station	1,186.06	235.48
14 01 20 71-0059	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0060 for Removal and Replacement of Traveling Cable.	20.16	
14 01 20 71-0060	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0059 for Traveling Cable material.	3,767.64	1,883.81
14 01 20 71-0061	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.57	
14 01 20 71-0062	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	5,485.36	470.95
14 01 20 71-0063	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	8,275.92	470.95
14 01 20 71-0064	EA	Removal And Replacement Of Governor	4,587.12	470.95
14 01 20 71-0065	EA	Removal And Replacement Of Car Station	7,011.57	941.91
14 01 20 71-0066	EA	Removal And Replacement Of Telephone	1,412.79	235.48
14 01 20 71-0067	EA	Removal And Replacement Of Hall Lanterns	1,081.39	235.48
14 01 20 71-0068	EA	Hall Call Buttons, Vandal Resistant	819.77	235.48
14 01 20 71-0069	EA	Hall Traveling Lanterns With Audible Signal	1,316.87	235.48
14 01 20 71-0070	EA	Add Raised Character (Braille) Signage To Control Panel	138.15	117.74
14 01 20 71-0071	EA	New Microprocessor Based Controller (Non-Proprietary)	42,103.14	3,767.64
14 01 20 71-0072	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	23,092.45	3,767.64
14 01 20 71-0073	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	35,580.58	3,767.64
14 01 20 71-0074	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Baked Enamel	2,563.97	
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Baked Enamel	2,755.82	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Stainless Steel	2,966.85	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Stainless Steel	3,197.07	
14 01 20 71-0078	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	2,372.12	235.48
14 01 20 71-0079	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	44,440.81	3,767.64
14 01 20 71-0080	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	86.93	
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	92.84	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	96.93	
14 01 20 71-0083	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	8,438.09	470.95
14 01 20 71-0084	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,982.55	470.95
14 01 20 71-0085	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,069.76	470.95
14 01 20 71-0086	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,156.96	470.95
14 01 20 71-0087	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,261.61	470.95
14 01 20 71-0088	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	7,517.21	470.95
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	7,517.21	470.95
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	11,005.41	470.95
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	12,749.51	470.95
14 01 20 71-0092	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,518.44	117.75
14 01 20 71-0093	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,672.84	141.31
14 01 20 71-0094	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,879.30	164.85
14 01 20 71-0095	EA	Aluminum Handrail Spacers With Set Screw	153.96	117.74
14 01 20 71-0096	EA	Bronze Handrail Spacers With Set Screw	158.80	117.74
14 01 20 71-0097	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	119.07	27.70
14 01 20 71-0098	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	113.38	27.70
14 01 20 71-0099	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	139.96	27.70
14 01 20 71-0100	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	157.96	27.70
14 01 20 71-0101	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	184.75	27.70
14 01 20 71-0102	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	143.31	27.70
14 01 20 71-0103	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	166.96	27.70
14 01 20 71-0104	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	275.48	27.70
14 01 20 71-0105	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	313.01	27.70
14 01 20 71-0106	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	112.48	27.70
14 01 20 71-0107	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	113.92	27.70
14 01 20 71-0108	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	153.22	27.70
14 01 20 71-0109	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	141.64	27.70
14 01 20 71-0110	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	153.99	27.70
14 01 20 71-0111	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	200.05	27.70
14 01 20 71-0112	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	147.50	27.70

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113		LF	3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	151.47	27.70
14 01 20 71-0114		LF	3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	272.66	27.70
14 01 20 71-0115		LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	169.26	27.70
14 01 20 71-0116		LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	273.42	27.70
14 01 20 71-0117		LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	313.01	27.70

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002		EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	681.75
14 01 30 71-0003		HR	Escalator Servicing, Labor Only	123.25
14 01 30 71-0004		EA	Acceptance Test Of Escalators And Moving Walks	3,749.63

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006		EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	1,747.75
14 01 30 71-0007		EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	1,874.84
14 01 30 71-0008		EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	1,968.76
14 01 30 71-0009		EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,124.43
14 01 30 71-0010		LF	Removal And Replacement Of Sliding Handrail	163.38

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002		EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM	396,789.42
			For Each Opening With Bonderized Steel Door, Add	*200.00*
			For Each Opening With Stainless Steel Doors, Add	*500.00*
			For Each Opening With Two Speed Doors, Add	*500.00*
			For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
			For Stainless Steel Cab Interior, Add	*8,000.00*
			For Elevator With Manual Door, Deduct	*-10,000.00*
			For Class "C-1" Loading, Add	*1,666.00*
			For Class "C-2" Loading, Add	*2,000.00*
			For Class "C-3" Loading, Add	*2,736.00*
			For Removal Of Existing Stop, Add	*7,520.37*
			For Each Additional Stop, Add	*32,800.93*
			For Each Floor < 6 Stops, Deduct	*-28,100.67*
			For Each Additional 50 FPM, Add	*6,000.00*
			For Removal Of Existing Elevator, Add	*37,601.86*
14 21 13 00-0003		EA	Electric Traction Freight Elevator, 5,000 LB x 200 FPM	424,869.68
			For Each Opening With Bonderized Steel Door, Add	*200.00*
			For Each Opening With Stainless Steel Doors, Add	*500.00*
			For Each Opening With Two Speed Doors, Add	*500.00*
			For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
			For Stainless Steel Cab Interior, Add	*8,000.00*
			For Elevator With Manual Door, Deduct	*-10,000.00*
			For Class "C-1" Loading, Add	*1,666.00*
			For Class "C-2" Loading, Add	*2,000.00*
			For Class "C-3" Loading, Add	*2,736.00*
			For Removal Of Existing Stop, Add	*7,520.37*
			For Each Additional Stop, Add	*32,800.93*
			For Each Floor < 6 Stops, Deduct	*-28,100.67*
			For Each Additional 50 FPM, Add	*6,000.00*
			For Removal Of Existing Elevator, Add	*37,601.86*
14 21 13 00-0004		EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM	452,949.93
			For Elevator With Manual Door, Deduct	*-10,000.00*
			For Class "C-1" Loading, Add	*3,332.00*
			For Class "C-2" Loading, Add	*4,000.00*
			For Class "C-3" Loading, Add	*5,544.00*
			For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*
			For Stainless Steel Cab Interior, Add	*9,000.00*
			For Removal Of Existing Stop, Add	*7,520.37*
			For Each Additional Stop, Add	*33,800.93*
			For Each Additional 50 FPM, Add	*6,000.00*
			For Each Opening With Bonderized Steel Door, Add	*300.00*
			For Each Opening With Stainless Steel Doors, Add	*600.00*
			For Each Opening With Two Speed Doors, Add	*700.00*
			For Removal Of Existing Elevator, Add	*37,601.86*
			For Each Floor < 6 Stops, Deduct	*-29,100.67*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 LB x 200 FPM	467,281.02	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,332.00*	
		For Class "C-2" Loading, Add	*4,000.00*	
		For Class "C-3" Loading, Add	*5,544.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*	
		For Stainless Steel Cab Interior, Add	*9,000.00*	
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional Stop, Add	*33,800.93*	
		For Each Additional 50 FPM, Add	*6,000.00*	
		For Each Opening With Bonderized Steel Door, Add	*300.00*	
		For Each Opening With Stainless Steel Doors, Add	*600.00*	
		For Each Opening With Two Speed Doors, Add	*700.00*	
		For Removal Of Existing Elevator, Add	*37,601.86*	
		For Each Floor < 6 Stops, Deduct	*-29,100.67*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM	481,611.52	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-1" Loading, Add	*6,666.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Class "C-3" Loading, Add	*10,944.00*	
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional Stop, Add	*33,800.93*	
		For Each Opening With Bonderized Steel Door, Add	*400.00*	
		For Each Opening With Stainless Steel Doors, Add	*700.00*	
		For Each Opening With Two Speed Doors, Add	*800.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*6,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,000.00*	
		For Stainless Steel Cab Interior, Add	*10,000.00*	
		For Removal Of Existing Elevator, Add	*37,601.86*	
		For Each Floor < 6 Stops, Deduct	*-29,100.67*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 LB x 200 FPM	498,635.34	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-1" Loading, Add	*6,666.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Class "C-3" Loading, Add	*10,944.00*	
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional Stop, Add	*33,800.93*	
		For Each Opening With Bonderized Steel Door, Add	*400.00*	
		For Each Opening With Stainless Steel Doors, Add	*700.00*	
		For Each Opening With Two Speed Doors, Add	*800.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*6,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,000.00*	
		For Stainless Steel Cab Interior, Add	*10,000.00*	
		For Removal Of Existing Elevator, Add	*37,601.86*	
		For Each Floor < 6 Stops, Deduct	*-29,100.67*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 LB x 200 FPM	512,410.99	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-1" Loading, Add	*6,666.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Class "C-3" Loading, Add	*10,944.00*	
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional Stop, Add	*33,800.93*	
		For Each Opening With Bonderized Steel Door, Add	*400.00*	
		For Each Opening With Stainless Steel Doors, Add	*700.00*	
		For Each Opening With Two Speed Doors, Add	*800.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*6,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,000.00*	
		For Stainless Steel Cab Interior, Add	*10,000.00*	
		For Removal Of Existing Elevator, Add	*37,601.86*	
		For Each Floor < 6 Stops, Deduct	*-29,100.67*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 LB x 200 FPM	314,556.27	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM	322,763.51	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 LB x 200 FPM	329,474.47	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 LB x 200 FPM	331,420.37	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 LB x 200 FPM	337,586.07	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 LB x 200 FPM	343,559.25	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 LB x 200 FPM	349,736.63	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For Each Additional Stop, Add	*32,800.93*	
		For Each Floor < 6 Stops, Deduct	*-19,400.46*	
		For Removal Of Existing Elevator, Add	*28,201.40*	

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14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 LB x 50 FPM	188,566.47	
		For Each Additional Stop, Add	*19,640.28*	
		For 2 Stops, Deduct	*-15,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,666.00*	
		For Class "C-2" Loading, Add	*2,000.00*	
		For Class "C-3" Loading, Add	*2,736.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 LB x 50 FPM	194,702.94	
		For Each Additional Stop, Add	*19,640.28*	
		For 2 Stops, Deduct	*-15,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,666.00*	
		For Class "C-2" Loading, Add	*2,000.00*	
		For Class "C-3" Loading, Add	*2,736.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM	201,399.50	
		For Each Additional Stop, Add	*19,640.28*	
		For 2 Stops, Deduct	*-15,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,666.00*	
		For Class "C-2" Loading, Add	*2,000.00*	
		For Class "C-3" Loading, Add	*2,736.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM	206,492.30	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Class "C-1" Loading, Add	*3,332.00*	
		For Class "C-2" Loading, Add	*4,000.00*	
		For Class "C-3" Loading, Add	*5,544.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM	218,561.72	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-1" Loading, Add	*6,666.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Class "C-3" Loading, Add	*10,944.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 LB x 50 FPM	224,341.75	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-1" Loading, Add	*6,666.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Class "C-3" Loading, Add	*10,944.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 LB x 50 FPM	233,177.54	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*	
		For Stainless Steel Cab Interior, Add	*9,000.00*	
		For Each Additional 50 FPM, Add	*11,000.00*	
		For Class "C-1" Loading, Add	*8,330.00*	
		For Class "C-2" Loading, Add	*10,000.00*	
		For Class "C-3" Loading, Add	*13,680.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 LB x 50 FPM	239,387.17	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*	
		For Stainless Steel Cab Interior, Add	*9,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional 50 FPM, Add	*12,000.00*	
		For Class "C-1" Loading, Add	*11,079.00*	
		For Class "C-2" Loading, Add	*13,300.00*	
		For Class "C-3" Loading, Add	*18,194.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 LB x 50 FPM	250,291.67	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*20,640.28*	
		For 2 Stops, Deduct	*-16,290.16*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*	
		For Stainless Steel Cab Interior, Add	*9,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,520.37*	
		For Each Additional 50 FPM, Add	*12,000.00*	
		For Class "C-1" Loading, Add	*11,079.00*	
		For Class "C-2" Loading, Add	*13,300.00*	
		For Class "C-3" Loading, Add	*18,194.00*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	86.50
		Note: Includes casing.	
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling	103.41
		Note: Includes casing.	

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 LB x 100 FPM	134,439.56
		For Each Additional Stop, Add	*19,640.28*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*4,125.00*
		For Removal Of Existing Elevator, Add	*18,800.93*
		For Removal Of Existing Stop, Add	*3,760.19*
		For 2 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	136,985.96
		For Each Additional Stop, Add	*19,640.28*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*4,125.00*
		For Removal Of Existing Elevator, Add	*18,800.93*
		For Removal Of Existing Stop, Add	*3,760.19*
		For 2 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM	138,736.61
		For Each Additional Stop, Add	*19,640.28*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*4,125.00*
		For Removal Of Existing Elevator, Add	*18,800.93*
		For Removal Of Existing Stop, Add	*3,760.19*
		For 2 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 LB x 100 FPM	145,235.77	
		For Each Additional Stop, Add	*19,640.28*	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Elevator, Add	*18,800.93*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For 2 Stops, Deduct	*-10,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 LB x 100 FPM	147,915.68	
		For Each Additional Stop, Add	*19,640.28*	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Elevator, Add	*18,800.93*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For 2 Stops, Deduct	*-10,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 LB x 100 FPM	151,639.79	
		For Each Additional Stop, Add	*19,640.28*	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Elevator, Add	*18,800.93*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For 2 Stops, Deduct	*-10,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 LB x 100 FPM	155,229.74	
		For Each Additional Stop, Add	*19,640.28*	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*4,125.00*	
		For Removal Of Existing Elevator, Add	*18,800.93*	
		For Removal Of Existing Stop, Add	*3,760.19*	
		For 2 Stops, Deduct	*-10,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
14 24 23 00-0009		Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*		
		Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.		
14 24 23 00-0010	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings	77,484.02	8,944.16
14 24 23 00-0011	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings	58,622.64	7,641.86

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM	84,120.27	
		Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.		
		For Each Additional Stop, Add	*16,640.28*	
		For Removal Of Existing Elevator, Add	*5,640.28*	

14 30 Escalators and Moving Walks *(14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 31 Escalators *(14 30)*				
14 31 00 00-0001		**Stainless Steel Escalator Construction** *(14 31)* Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.		
14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	142,570.52	11,675.05
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	157,795.27	13,797.80
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	171,813.40	15,920.54
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	189,802.95	19,104.64
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	209,615.84	21,227.38
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	150,794.49	12,418.02
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	167,193.10	14,859.17
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	181,188.93	16,981.90
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	204,013.04	21,333.51
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	219,907.84	22,925.57
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	159,359.14	13,160.98
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	177,211.14	15,920.54
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	190,816.69	18,043.27
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	219,174.04	22,501.02
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	232,654.00	24,623.76
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	21,201.20	424.54
14 32 Moving Walks *(14 30)*				
14 32 00 00-0001		**Moving Sidewalks** *(14 32)* Note: Prices are medians. Includes safety rails.		
14 32 00 00-0002	LF	Moving Sidewalks, 28" Wide	1,489.95	254.73
		For Each LF Of Ramp Or Sloped Sections, Add	*236.85*	
14 32 00 00-0003	LF	Moving Sidewalks, 36" Wide	1,999.27	260.04
		For Each LF Of Ramp Or Sloped Sections, Add	*337.45*	
14 32 00 00-0004	LF	Moving Sidewalks, 48" Wide	2,257.07	270.65
		For Each LF Of Ramp Or Sloped Sections, Add	*386.47*	
14 32 00 00-0005	LF	Moving Sidewalks, 54" Wide	2,597.11	293.58
		For Each LF Of Ramp Or Sloped Sections, Add	*448.97*	
14 40 Lifts *(14)*				
14 42 Wheelchair Lifts *(14 40)*				
14 42 13 Inclined Wheelchair Lifts *(14 42)*				
14 42 13 00-0001		**Chair Lift-Stair Climber** *(14 42 13)* Note: Includes landing, rails, lifting device and gates.		
14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	7,022.34	909.00
14 42 16 Vertical Wheelchair Lifts *(14 42)*				
14 42 16 00-0001		**Wheelchair Lift (Shorty)** *(14 42 16)*		
14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,689.34	636.31
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	10,682.86	795.37
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	12,705.67	1,033.99
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	14,264.95	1,193.06
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	14,910.39	568.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 90 Other Conveying Equipment (14)

14 91 Facility Chutes (14 90)

14 91 82 Trash Chutes (14 91)

14 91 82 00-0001 Trash Chutes (14 91 82)

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	33.52	3.84
		For Aluminum, Add	*2.62*	
		For Stainless Steel, Add	*9.17*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	43.42	3.84
		For Aluminum, Add	*3.54*	
		For Stainless Steel, Add	*12.40*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	47.92	4.80
		For Aluminum, Add	*3.93*	
		For Stainless Steel, Add	*13.75*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	74.07	4.80
		For Aluminum, Add	*6.47*	
		For Stainless Steel, Add	*22.65*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	708.63	26.87
		For Aluminum, Add	*65.45*	
		For Stainless Steel, Add	*229.09*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	333.49	52.79
		For Aluminum, Add	*22.77*	
		For Stainless Steel, Add	*79.68*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	221.29	57.58
		For Aluminum, Add	*9.96*	
		For Stainless Steel, Add	*34.86*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	57.65	20.15
		For Aluminum, Add	*1.71*	
		For Stainless Steel, Add	*5.98*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	573.30	71.98
		For Aluminum, Add	*42.12*	
		For Stainless Steel, Add	*147.41*	
14 91 82 00-0011	EA	Hopper Doors	1,382.20	63.12

END OF SECTION 14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression (21)

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems (21 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration (21 01 10)

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping (21 01 10 91)

21 01 10 91-0002	EA	Relocate Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	62.88

21 01 10 91-0003 Purge And Refill System Sprinkler Piping (21 01 10 91)

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	345.87
21 01 10 91-0005	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	493.97
21 01 10 91-0006	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	591.87
21 01 10 91-0007	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	739.84
21 01 10 91-0008	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	961.79
21 01 10 91-0009	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	0.48
21 01 10 91-0010	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	484.21
21 01 10 91-0011	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	691.56
21 01 10 91-0012	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	828.62
21 01 10 91-0013	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,035.77
21 01 10 91-0014	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,346.50
21 01 10 91-0015	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.68
21 01 10 91-0016	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	665.79
21 01 10 91-0017	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	950.90
21 01 10 91-0018	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,139.35
21 01 10 91-0019	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,424.19
21 01 10 91-0020	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,851.44
21 01 10 91-0021	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.93
21 01 10 91-0022	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	898.83
21 01 10 91-0023	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,283.70
21 01 10 91-0024	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,362.87
21 01 10 91-0025	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,703.58
21 01 10 91-0026	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	2,214.66
21 01 10 91-0027	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1.11

21 01 30 Operation and Maintenance of Fire-Suppression Equipment (21 01)

21 01 30 91 Fire-Suppression Equipment Restoration (21 01 30)

21 01 30 91-0001 Inspection And Recharge (21 01 30 91)

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	225.33
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	2.69
21 01 30 91-0004	EA	Inspection, Halon 1301	225.33
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	64.68
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	136.25
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	60.64
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	136.25
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	5.39
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	41.93
21 01 30 91-0011	EA	Disarm/Arm System	73.37

21 05 Common Work Results for Fire Suppression (21)

21 05 13 Common Motor Requirements for Fire-Suppression Equipment (21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping (21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping (21 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems (21 05)

See CSI section 33 19 00 00-0000 for water utility service metering.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 19 00-0001		**Fire Sprinkler System Water Pressure Gauge** *(21 05 19)*		
21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	45.28	12.07
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	47.01	12.07
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	55.11	12.07
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	58.44	12.07
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	61.76	12.07
21 05 19 00-0007		**Fire Service Meter Cast Iron Housing** *(21 05 19)*		
21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	4,244.03	164.50
		For >10 To 25, Deduct	*-212.20*	
		For >25, Deduct	*-616.02*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	8,641.60	275.77
		For >10 To 25, Deduct	*-432.08*	
		For >25, Deduct	*-1,261.68*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	11,728.72	408.41
		For >10 To 25, Deduct	*-586.44*	
		For >25, Deduct	*-1,708.07*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	15,292.69	521.86
		For >10 To 25, Deduct	*-764.63*	
		For >25, Deduct	*-2,229.08*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	21,518.17	635.30
		For >10 To 25, Deduct	*-1,075.91*	
		For >25, Deduct	*-3,148.31*	
21 05 23		**General-Duty Valves for Water-Based Fire-Suppression Piping** *(21 05)* See CSI section 23 05 23 00-0000 for valves.		
21 05 23 00-0001		**Globe Valves** *(21 05 23)*		
21 05 23 00-0002		**Threaded, 125 LB, Bronze Body, Angle Globe Valves** *(21 05 23 00-0001)* Note: Non-rising stem		
21 05 23 00-0003	EA	1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	58.80	10.51
21 05 23 00-0004	EA	3/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	74.77	11.03
21 05 23 00-0005	EA	1" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	103.43	11.03
21 05 23 00-0006	EA	1-1/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	156.52	13.98
21 05 23 00-0007	EA	1-1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD	184.30	16.18
21 05 23 00-0008	EA	2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	218.35	19.12
21 05 23 00-0009		**Butterfly Valves** *(21 05 23)*		
21 05 23 00-0010		**Grooved End Gear Operated Butterfly Valves** *(21 05 23 00-0009)*		
21 05 23 00-0011	EA	2-1/2" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	471.95	17.13
21 05 23 00-0012	EA	3" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	518.36	20.52
21 05 23 00-0013	EA	4" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	543.38	27.00
21 05 23 00-0014	EA	6" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	771.53	44.22
21 05 23 00-0015	EA	8" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	1,110.69	62.22
21 05 23 00-0016		**Grooved End, Wafer Type, Ductile Iron, Gear Operated Butterfly Valves** *(21 05 23 00-0009)*		
21 05 23 00-0017	EA	2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	474.17	13.84
21 05 23 00-0018	EA	2-1/2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	482.75	17.13
21 05 23 00-0019	EA	3" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	532.75	20.52
21 05 23 00-0020	EA	4" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	552.38	27.00
21 05 23 00-0021	EA	6" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	769.73	44.22
21 05 23 00-0022	EA	8" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,144.87	62.22
21 05 23 00-0023	EA	10" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,773.25	84.09
21 05 23 00-0024		**Check Valves** *(21 05 23)*		
21 05 23 00-0025		**Bronze Body, Threaded, 150 LB, Swing Check Valves** *(21 05 23 00-0024)*		
21 05 23 00-0026	EA	1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	212.50	10.51
21 05 23 00-0027	EA	3/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	250.69	11.03
21 05 23 00-0028	EA	1" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	343.32	11.03
21 05 23 00-0029	EA	1-1/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	457.43	13.98
21 05 23 00-0030	EA	1-1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	600.26	16.18
21 05 23 00-0031	EA	2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	877.83	19.12
21 05 23 00-0032		**Flanged, Iron Body, Bronze Trim, Swing Check Valves** *(21 05 23 00-0024)*		
21 05 23 00-0033	EA	2-1/2" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	609.80	140.31
21 05 23 00-0034	EA	3" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	694.96	164.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0035	EA	4" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	994.21	275.77
21 05 23 00-0036	EA	6" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,455.67	334.12
21 05 23 00-0037	EA	8" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	2,256.57	426.93
21 05 23 00-0038	EA	10" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	3,496.31	519.74
21 05 23 00-0039	EA	12" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	4,834.56	631.10
21 05 23 00-0040		Iron Body Wafer Type Check Valve *(21 05 23 00-0024)*		
21 05 23 00-0041	EA	2-1/2" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	492.40	140.40
21 05 23 00-0042	EA	3" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	568.55	164.60
21 05 23 00-0043	EA	4" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	718.85	275.94
21 05 23 00-0044	EA	6" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	1,142.71	387.29
21 05 23 00-0045	EA	8" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	1,615.71	445.38
21 05 23 00-0046	EA	10" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	2,309.76	48.41
21 05 23 00-0047	EA	12" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	3,111.69	658.39
21 05 23 00-0048		Grooved End, Check Valves *(21 05 23 00-0024)*		
21 05 23 00-0049	EA	2-1/2" Check Valve, Grooved (Victaulic FireLock® 717)	418.93	17.42
21 05 23 00-0050	EA	3" Check Valve, Grooved (Victaulic FireLock® 717)	423.64	20.61
21 05 23 00-0051	EA	4" Check Valve, Grooved (Victaulic FireLock® 717)	449.20	27.10
21 05 23 00-0052	EA	6" Check Valve, Grooved (Victaulic FireLock® 717)	1,338.40	44.22
21 05 23 00-0053	EA	8" Check Valve, Grooved (Victaulic FireLock® 717)	1,859.54	62.22
21 05 23 00-0054		Gate Valves *(21 05 23)*		
21 05 23 00-0055		Threaded, Bronze Gate Valves *(21 05 23 00-0054)* Note: Class 175		
21 05 23 00-0056	EA	1" Threaded, Bronze Gate Valve (Crane 459)	665.50	13.13
21 05 23 00-0057	EA	1-1/4" Threaded, Bronze Gate Valve (Crane 459)	813.48	13.98
21 05 23 00-0058	EA	1-1/2" Threaded, Bronze Gate Valve (Crane 459)	968.00	16.18
21 05 23 00-0059	EA	2" Threaded, Bronze Gate Valve (Crane 459)	1,208.15	19.12
21 05 23 00-0060		Flanged, Cast Iron Body, Bronze Trim Gate Valves *(21 05 23 00-0054)* Note: Class 175		
21 05 23 00-0061	EA	2-1/2" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	806.79	140.31
21 05 23 00-0062	EA	3" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	949.94	164.50
21 05 23 00-0063	EA	4" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	1,344.17	275.77
21 05 23 00-0064	EA	6" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	1,972.84	334.12
21 05 23 00-0065	EA	8" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	2,883.52	426.93
21 05 23 00-0066	EA	10" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	5,168.66	519.74
21 05 23 00-0067	EA	12" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	7,000.70	631.10
21 05 23 00-0068		Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves *(21 05 23 00-0054)* Note: Class 175		
21 05 23 00-0069	EA	2-1/2" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	1,347.32	140.31
21 05 23 00-0070	EA	3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	1,569.76	164.50
21 05 23 00-0071	EA	4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	1,908.12	275.77
21 05 23 00-0072	EA	6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	2,448.59	334.12
21 05 23 00-0073	EA	8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	3,630.82	426.93
21 05 23 00-0074	EA	10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	5,216.42	519.74
21 05 23 00-0075	EA	12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	6,733.48	631.10
21 05 23 00-0076		Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves *(21 05 23 00-0054)* Note: Class 250. Square operating nut actuation type.		
21 05 23 00-0077	EA	3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	1,277.94	164.50
21 05 23 00-0078	EA	4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	1,626.53	275.77
21 05 23 00-0079	EA	6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	2,077.93	334.12
21 05 23 00-0080	EA	8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	3,110.66	426.93
21 05 23 00-0081	EA	10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	4,660.43	519.74
21 05 23 00-0082	EA	12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	5,856.99	631.10
21 05 23 00-0083		Ball Valves *(21 05 23)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0084		Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728) *(21 05 23 00-0083)*		
21 05 23 00-0085	EA	1" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	430.10	13.13
21 05 23 00-0086	EA	1-1/4" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	468.75	13.98
21 05 23 00-0087	EA	1-1/2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	554.36	16.18
21 05 23 00-0088	EA	2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	667.16	19.12
21 05 23 00-0089		TESTanDRAIN® Valve *(21 05 23)*		
21 05 23 00-0090	EA	1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	220.71	13.92
21 05 23 00-0091	EA	1" Threaded TESTanDRAIN® Valve (AGF 1000)	249.25	16.82
21 05 23 00-0092	EA	1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	304.71	21.26
21 05 23 00-0093	EA	1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	476.04	24.54
21 05 23 00-0094	EA	2" Threaded TESTanDRAIN® Valve (AGF 1000)	500.24	28.99
21 05 23 00-0095	EA	1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	350.67	16.82
21 05 23 00-0096	EA	1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	405.15	21.26
21 05 23 00-0097	EA	1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	579.53	24.54
21 05 23 00-0098	EA	2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	606.48	28.99

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration and Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0064 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

21 11 19 00-0001		Fire Department Connections *(21 11 19)*		
21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	923.74	311.17
		For Polished Chrome, Add	*56.54*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,281.90	388.97
		For Polished Chrome, Add	*86.55*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,348.57	311.17
		For Polished Chrome, Add	*109.62*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	1,780.40	388.97
		For Polished Chrome, Add	*148.86*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	1,902.26	388.97
		For Polished Chrome, Add	*164.09*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,635.86	411.67
		For Polished Chrome, Add	*126.55*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,052.28	311.17
		For Polished Chrome, Add	*72.61*	
21 11 19 00-0009		Wall Type Indicator Post, Wheel Operated *(21 11 19)*		
		See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	1,426.28	275.77
21 11 19 00-0011		Upright Indicator Post, Wheel Operated *(21 11 19)*		
21 11 19 00-0012	EA	Upright Indicator Post With Flange For Valve (Victaulic 774)	6,608.33	275.77

21 12 Fire-Suppression Standpipes *(21 10)*

See CSI section 23 21 13 23-0000 for black steel pipe.

21 12 13 Fire-Suppression Hoses and Nozzles *(21 12)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 13 00-0001		**Fire Hose** *(21 12 13)*		
21 12 13 00-0002		**Fire Hose Without Couplings** *(21 12 13 00-0001)*		
21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.65	2.10
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.07	2.10
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.81	2.10
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.27	2.10
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.93	2.10
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.58	2.10
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.01	2.10
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.77	2.10
21 12 13 00-0011		**Fire Hose With Aluminum Couplings** *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	5.74	1.15
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	7.11	1.36
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	11.70	1.36
21 12 13 00-0015		**Fire Hose Accessories** *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	133.01	34.59
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	197.47	38.78
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	83.13	27.25
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	160.55	27.25
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	128.17	27.25
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	182.59	27.25
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	289.67	115.29
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	395.08	115.29
21 12 23		**Fire-Suppression Hose Valves** *(21 12)*		
21 12 23 00-0001		**Standpipe Valves** *(21 12 23)*		
21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	570.61	205.84
		For Polished Chrome, Add	*38.83*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	877.04	205.75
		For Polished Chrome, Add	*84.80*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,116.96	222.55
		For Polished Chrome, Add	*116.95*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	1,318.61	205.75
		For Polished Chrome, Add	*151.03*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	1,542.54	222.55
		For Polished Chrome, Add	*180.79*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	830.11	205.75
		For Polished Chrome, Add	*77.76*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,190.56	222.55
		For Polished Chrome, Add	*127.99*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,500.41	212.41
		For Polished Chrome, Add	*141.43*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	2,125.48	235.99
		For Polished Chrome, Add	*212.15*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,606.01	212.41
		For Polished Chrome, Add	*154.10*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	2,284.57	235.99
		For Polished Chrome, Add	*231.24*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	5,300.51	283.15
		For Polished Chrome, Add	*487.14*	
21 12 23 00-0014		**Fire Hose Angle Valves** *(21 12 23)*		
21 12 23 00-0015	EA	1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	213.22	28.30
21 12 23 00-0016	EA	1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	254.98	28.30
21 12 23 00-0017	EA	1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	239.79	28.30
21 12 23 00-0018	EA	1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	281.55	28.30
21 12 23 00-0019	EA	2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	379.56	47.17
21 12 23 00-0020	EA	2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	440.30	47.17
21 12 23 00-0021	EA	2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	445.36	47.17
21 12 23 00-0022	EA	2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	506.10	47.17
21 12 29		**Fire-Suppression Fire Hose Equipment** *(21 12)*		
21 12 29 00-0001		**Standpipe And Fire Hose Equipment** *(21 12 29)*		
21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	2,098.52	510.25
21 12 29 00-0003	EA	Water Motor Gong	736.48	154.31
21 12 29 00-0004	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	590.91	17.95
21 12 29 00-0005	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	227.11	30.71
21 12 29 00-0006		**Water Flow Detector** *(21 12 29)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 29 00-0007		Pressure-Type Wazter Flow Detector *(21 12 29 00-0006)*		
21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	360.15	94.49
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	523.07	125.21
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	821.09	141.74
21 12 29 00-0011		Vane-Type Water Flow Detector *(21 12 29 00-0006)*		
21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	452.77	94.49
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	636.53	125.21
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	1,000.96	141.74

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems *(21 13 13)*

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1396 for individual grooved pipe, 23 21 13 23-1469 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head	456.24
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Copper Pipe, Add	*54.99*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-77.81*
		For Up To 5, Add	*209.38*
		For >5 To 10, Add	*131.57*
		For >10 To 20, Add	*85.95*
		For >20 To 40, Add	*36.25*
		For >100 To 150, Deduct	*-45.62*
		For >150, Deduct	*-91.25*
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head	598.59
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	
		For Copper Pipe, Add	*70.00*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-99.93*
		For Up To 5, Add	*279.02*
		For >5 To 10, Add	*179.10*
		For >10 To 20, Add	*119.24*
		For >20 To 40, Add	*49.72*
		For >100 To 150, Deduct	*-59.86*
		For >150, Deduct	*-119.72*

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head	454.76
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Copper Pipe, Add	*54.93*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-77.67*
		For Up To 5, Add	*208.46*
		For >5 To 10, Add	*130.79*
		For >10 To 20, Add	*85.31*
		For >20 To 40, Add	*36.02*
		For >100 To 150, Deduct	*-45.48*
		For >150, Deduct	*-90.95*
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head	593.49
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	
		For Copper Pipe, Add	*69.49*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-99.17*
		For Up To 5, Add	*276.46*
		For >5 To 10, Add	*177.29*
		For >10 To 20, Add	*117.94*
		For >20 To 40, Add	*49.21*
		For >100 To 150, Deduct	*-59.35*
		For >150, Deduct	*-118.70*

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head	420.60
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Copper Pipe, Add	*50.72*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-71.75*
		For Up To 5, Add	*192.98*
		For >5 To 10, Add	*121.22*
		For >10 To 20, Add	*79.16*
		For >20 To 40, Add	*33.40*
		For >100 To 150, Deduct	*-42.06*
		For >150, Deduct	*-84.12*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	549.99	
		For Copper Pipe, Add	*64.30*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-91.80*	
		For Up To 5, Add	*256.39*	
		For >5 To 10, Add	*164.58*	
		For >10 To 20, Add	*109.58*	
		For >20 To 40, Add	*45.69*	
		For >100 To 150, Deduct	*-55.00*	
		For >150, Deduct	*-110.00*	
21 13 13 00-0011		**Wet Pipe Sprinkler Components** *(21 13 13)* Note: Excludes hydraulic calculations.		
21 13 13 00-0012		**Wet Pipe Alarm Check Valves** *(21 13 13 00-0011)* Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013	EA	2-1/2" Wet Pipe Alarm Check Valve	1,592.27	129.93
21 13 13 00-0014	EA	3" Wet Pipe Alarm Check Valve	1,630.07	148.83
21 13 13 00-0015	EA	4" Wet Pipe Alarm Check Valve	1,837.96	252.78
21 13 13 00-0016	EA	6" Wet Pipe Alarm Check Valve	1,786.49	318.92
21 13 13 00-0017	EA	8" Wet Pipe Alarm Check Valve	3,164.24	403.97
21 13 13 00-0018		**Wet Pipe Valve Trim** *(21 13 13 00-0011)* Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019	EA	2-1/2" Wet Pipe Valve Trim	1,411.04	274.98
21 13 13 00-0020	EA	3" Wet Pipe Valve Trim	1,488.85	274.98
21 13 13 00-0021	EA	4" Wet Pipe Valve Trim	1,799.47	377.03
21 13 13 00-0022	EA	6" Wet Pipe Valve Trim	2,122.96	524.45
21 13 13 00-0023	EA	8" Wet Pipe Valve Trim	2,330.85	649.18
21 13 13 00-0024		**Wet Pipe Sprinkler Heads** *(21 13 13 00-0011)*		
21 13 13 00-0025		**Upright Wet Pipe Sprinkler Heads** *(21 13 13 00-0024)*		
21 13 13 00-0026	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	72.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 500, Deduct	*-10.21*	
		For >500 To 1,000, Deduct	*-21.02*	
		For >1,000, Deduct	*-30.46*	
21 13 13 00-0027	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	74.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 500, Deduct	*-10.53*	
		For >500 To 1,000, Deduct	*-21.48*	
		For >1,000, Deduct	*-30.92*	
21 13 13 00-0028	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	76.43	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.18*	
		For >100 To 500, Deduct	*-10.73*	
		For >500 To 1,000, Deduct	*-21.78*	
		For >1,000, Deduct	*-31.21*	
21 13 13 00-0029	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	73.53	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.04*	
		For >100 To 500, Deduct	*-10.37*	
		For >500 To 1,000, Deduct	*-21.25*	
		For >1,000, Deduct	*-30.69*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	76.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 500, Deduct	*-10.70*	
		For >500 To 1,000, Deduct	*-21.73*	
		For >1,000, Deduct	*-31.17*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	77.88	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 500, Deduct	*-10.91*	
		For >500 To 1,000, Deduct	*-22.04*	
		For >1,000, Deduct	*-31.47*	
21 13 13 00-0032	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	90.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 500, Deduct	*-12.46*	
		For >500 To 1,000, Deduct	*-24.26*	
		For >1,000, Deduct	*-33.70*	
21 13 13 00-0033	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	97.10	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-25.50*	
		For >1,000, Deduct	*-34.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0034	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	90.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 500, Deduct	*-12.46*	
		For >500 To 1,000, Deduct	*-24.26*	
		For >1,000, Deduct	*-33.70*	
21 13 13 00-0035	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	97.10	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-25.50*	
		For >1,000, Deduct	*-34.93*	
21 13 13 00-0036	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	81.39	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 500, Deduct	*-11.35*	
		For >500 To 1,000, Deduct	*-22.67*	
		For >1,000, Deduct	*-32.10*	
21 13 13 00-0037	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	84.73	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.27*	
		For >1,000, Deduct	*-32.70*	
21 13 13 00-0038	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	82.90	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.77*	
		For >100 To 500, Deduct	*-11.67*	
		For >500 To 1,000, Deduct	*-23.83*	
		For >1,000, Deduct	*-34.31*	
21 13 13 00-0039	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	86.81	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.16*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-35.01*	
21 13 13 00-0040	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.60	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.00*	
		For >100 To 500, Deduct	*-12.26*	
		For >500 To 1,000, Deduct	*-24.68*	
		For >1,000, Deduct	*-35.16*	
21 13 13 00-0041	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	82.90	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.77*	
		For >100 To 500, Deduct	*-11.67*	
		For >500 To 1,000, Deduct	*-23.83*	
		For >1,000, Deduct	*-34.31*	
21 13 13 00-0042	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	86.81	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.16*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-35.01*	
21 13 13 00-0043	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.60	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.00*	
		For >100 To 500, Deduct	*-12.26*	
		For >500 To 1,000, Deduct	*-24.68*	
		For >1,000, Deduct	*-35.16*	
21 13 13 00-0044	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	79.63	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.13*	
		For >500 To 1,000, Deduct	*-22.35*	
		For >1,000, Deduct	*-31.79*	
21 13 13 00-0045	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	82.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-22.81*	
		For >1,000, Deduct	*-32.25*	
21 13 13 00-0046	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0047	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	79.63	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.13*	
		For >500 To 1,000, Deduct	*-22.35*	
		For >1,000, Deduct	*-31.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0048	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	82.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-22.81*	
		For >1,000, Deduct	*-32.25*	
21 13 13 00-0049	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0050	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0051	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	110.29	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-8.13*	
		For >100 To 500, Deduct	*-15.10*	
		For >500 To 1,000, Deduct	*-28.76*	
		For >1,000, Deduct	*-39.24*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	113.23	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-15.46*	
		For >500 To 1,000, Deduct	*-29.29*	
		For >1,000, Deduct	*-39.77*	
21 13 13 00-0053	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	113.23	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-15.46*	
		For >500 To 1,000, Deduct	*-29.29*	
		For >1,000, Deduct	*-39.77*	
21 13 13 00-0054	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	90.48	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.14*	
		For >100 To 500, Deduct	*-12.62*	
		For >500 To 1,000, Deduct	*-25.19*	
		For >1,000, Deduct	*-35.67*	
21 13 13 00-0055	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	92.49	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.87*	
		For >500 To 1,000, Deduct	*-25.56*	
		For >1,000, Deduct	*-36.04*	
21 13 13 00-0056	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	92.49	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.87*	
		For >500 To 1,000, Deduct	*-25.56*	
		For >1,000, Deduct	*-36.04*	
21 13 13 00-0057	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	256.44	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-15.18*	
		For >100 To 500, Deduct	*-33.23*	
		For >500 To 1,000, Deduct	*-54.18*	
		For >1,000, Deduct	*-63.61*	
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	282.41	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-16.74*	
		For >100 To 500, Deduct	*-36.61*	
		For >500 To 1,000, Deduct	*-59.74*	
		For >1,000, Deduct	*-70.22*	
21 13 13 00-0059	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	138.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 500, Deduct	*-18.53*	
		For >500 To 1,000, Deduct	*-33.00*	
		For >1,000, Deduct	*-42.44*	
21 13 13 00-0060	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	169.45	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-10.83*	
		For >100 To 500, Deduct	*-22.36*	
		For >500 To 1,000, Deduct	*-38.52*	
		For >1,000, Deduct	*-47.95*	
21 13 13 00-0061	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	297.61	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-17.24*	
		For >100 To 500, Deduct	*-38.38*	
		For >500 To 1,000, Deduct	*-61.59*	
		For >1,000, Deduct	*-71.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0062	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	377.48	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-21.23*	
		For >100 To 500, Deduct	*-48.36*	
		For >500 To 1,000, Deduct	*-75.97*	
		For >1,000, Deduct	*-85.40*	
21 13 13 00-0063	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	174.68	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-11.35*	
		For >100 To 500, Deduct	*-23.15*	
		For >500 To 1,000, Deduct	*-40.35*	
		For >1,000, Deduct	*-50.83*	
21 13 13 00-0064	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	175.61	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-11.40*	
		For >100 To 500, Deduct	*-23.26*	
		For >500 To 1,000, Deduct	*-40.52*	
		For >1,000, Deduct	*-51.00*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	72.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 500, Deduct	*-10.21*	
		For >500 To 1,000, Deduct	*-21.02*	
		For >1,000, Deduct	*-30.46*	
21 13 13 00-0067	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	74.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 500, Deduct	*-10.53*	
		For >500 To 1,000, Deduct	*-21.48*	
		For >1,000, Deduct	*-30.92*	
21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	76.43	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.18*	
		For >100 To 500, Deduct	*-10.73*	
		For >500 To 1,000, Deduct	*-21.78*	
		For >1,000, Deduct	*-31.21*	
21 13 13 00-0069	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	83.81	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 500, Deduct	*-11.79*	
		For >500 To 1,000, Deduct	*-23.99*	
		For >1,000, Deduct	*-34.47*	
21 13 13 00-0070	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	86.81	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.16*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-35.01*	
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	87.27	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 500, Deduct	*-12.22*	
		For >500 To 1,000, Deduct	*-24.62*	
		For >1,000, Deduct	*-35.10*	
21 13 13 00-0072	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	256.44	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-15.18*	
		For >100 To 500, Deduct	*-33.23*	
		For >500 To 1,000, Deduct	*-54.18*	
		For >1,000, Deduct	*-63.61*	

21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0074	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	72.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 500, Deduct	*-10.21*	
		For >500 To 1,000, Deduct	*-21.02*	
		For >1,000, Deduct	*-30.46*	
21 13 13 00-0075	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	74.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 500, Deduct	*-10.53*	
		For >500 To 1,000, Deduct	*-21.48*	
		For >1,000, Deduct	*-30.92*	
21 13 13 00-0076	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	76.43	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.18*	
		For >100 To 500, Deduct	*-10.73*	
		For >500 To 1,000, Deduct	*-21.78*	
		For >1,000, Deduct	*-31.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0077	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	82.90	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.77*	
		For >100 To 500, Deduct	*-11.67*	
		For >500 To 1,000, Deduct	*-23.83*	
		For >1,000, Deduct	*-34.31*	
21 13 13 00-0078	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	86.81	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.16*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-35.01*	
21 13 13 00-0079	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.60	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.00*	
		For >100 To 500, Deduct	*-12.26*	
		For >500 To 1,000, Deduct	*-24.68*	
		For >1,000, Deduct	*-35.16*	
21 13 13 00-0080	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	79.63	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.13*	
		For >500 To 1,000, Deduct	*-22.35*	
		For >1,000, Deduct	*-31.79*	
21 13 13 00-0081	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	82.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-22.81*	
		For >1,000, Deduct	*-32.25*	
21 13 13 00-0082	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0083	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	79.63	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.13*	
		For >500 To 1,000, Deduct	*-22.35*	
		For >1,000, Deduct	*-31.79*	
21 13 13 00-0084	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	82.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-22.81*	
		For >1,000, Deduct	*-32.25*	
21 13 13 00-0085	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0086	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	79.63	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.13*	
		For >500 To 1,000, Deduct	*-22.35*	
		For >1,000, Deduct	*-31.79*	
21 13 13 00-0087	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	82.18	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-22.81*	
		For >1,000, Deduct	*-32.25*	
21 13 13 00-0088	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	82.67	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.51*	
		For >500 To 1,000, Deduct	*-22.90*	
		For >1,000, Deduct	*-32.33*	
21 13 13 00-0089	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	72.25	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 500, Deduct	*-10.21*	
		For >500 To 1,000, Deduct	*-21.02*	
		For >1,000, Deduct	*-30.46*	
21 13 13 00-0090	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	74.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 500, Deduct	*-10.53*	
		For >500 To 1,000, Deduct	*-21.48*	
		For >1,000, Deduct	*-30.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0091	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	76.43	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.18*	
		For >100 To 500, Deduct	*-10.73*	
		For >500 To 1,000, Deduct	*-21.78*	
		For >1,000, Deduct	*-31.21*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	73.53	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.04*	
		For >100 To 500, Deduct	*-10.37*	
		For >500 To 1,000, Deduct	*-21.25*	
		For >1,000, Deduct	*-30.59*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	75.34	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.13*	
		For >100 To 500, Deduct	*-10.60*	
		For >500 To 1,000, Deduct	*-21.58*	
		For >1,000, Deduct	*-31.01*	
21 13 13 00-0094	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	76.99	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.21*	
		For >100 To 500, Deduct	*-10.80*	
		For >500 To 1,000, Deduct	*-21.88*	
		For >1,000, Deduct	*-31.31*	
21 13 13 00-0095	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	85.31	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.89*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-24.26*	
		For >1,000, Deduct	*-34.74*	
21 13 13 00-0096	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	88.63	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 500, Deduct	*-12.39*	
		For >500 To 1,000, Deduct	*-24.86*	
		For >1,000, Deduct	*-35.34*	
21 13 13 00-0097	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	88.63	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 500, Deduct	*-12.39*	
		For >500 To 1,000, Deduct	*-24.86*	
		For >1,000, Deduct	*-35.34*	
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	81.39	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 500, Deduct	*-11.35*	
		For >500 To 1,000, Deduct	*-22.67*	
		For >1,000, Deduct	*-32.10*	
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	84.73	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.27*	
		For >1,000, Deduct	*-32.70*	
21 13 13 00-0100	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	89.74	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 500, Deduct	*-12.40*	
		For >500 To 1,000, Deduct	*-24.17*	
		For >1,000, Deduct	*-33.61*	
21 13 13 00-0101	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	95.22	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-7.12*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-25.16*	
		For >1,000, Deduct	*-34.59*	
21 13 13 00-0102	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	89.74	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 500, Deduct	*-12.40*	
		For >500 To 1,000, Deduct	*-24.17*	
		For >1,000, Deduct	*-33.61*	
21 13 13 00-0103	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	95.22	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-7.12*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-25.16*	
		For >1,000, Deduct	*-34.59*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	77.07	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.21*	
		For >100 To 500, Deduct	*-10.81*	
		For >500 To 1,000, Deduct	*-21.89*	
		For >1,000, Deduct	*-31.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	79.94	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 500, Deduct	*-11.17*	
		For >500 To 1,000, Deduct	*-22.41*	
		For >1,000, Deduct	*-31.84*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	81.45	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 500, Deduct	*-11.36*	
		For >500 To 1,000, Deduct	*-22.68*	
		For >1,000, Deduct	*-32.11*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	84.11	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 500, Deduct	*-11.82*	
		For >500 To 1,000, Deduct	*-24.05*	
		For >1,000, Deduct	*-34.53*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	86.95	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.97*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.56*	
		For >1,000, Deduct	*-35.04*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	89.70	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 500, Deduct	*-12.52*	
		For >500 To 1,000, Deduct	*-25.05*	
		For >1,000, Deduct	*-35.53*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	78.69	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 500, Deduct	*-11.02*	
		For >500 To 1,000, Deduct	*-22.18*	
		For >1,000, Deduct	*-31.62*	
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	81.51	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 500, Deduct	*-11.37*	
		For >500 To 1,000, Deduct	*-22.69*	
		For >1,000, Deduct	*-32.12*	
21 13 13 00-0112	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	83.04	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 500, Deduct	*-11.56*	
		For >500 To 1,000, Deduct	*-22.97*	
		For >1,000, Deduct	*-32.40*	
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	85.31	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-6.89*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-24.26*	
		For >1,000, Deduct	*-34.74*	
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	88.27	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 500, Deduct	*-12.34*	
		For >500 To 1,000, Deduct	*-24.80*	
		For >1,000, Deduct	*-35.28*	
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	91.13	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.18*	
		For >100 To 500, Deduct	*-12.70*	
		For >500 To 1,000, Deduct	*-25.31*	
		For >1,000, Deduct	*-35.79*	
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	123.47	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 500, Deduct	*-16.61*	
		For >500 To 1,000, Deduct	*-30.24*	
		For >1,000, Deduct	*-39.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	123.47	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 500, Deduct	*-16.61*	
		For >500 To 1,000, Deduct	*-30.24*	
		For >1,000, Deduct	*-39.68*	
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	93.42	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 500, Deduct	*-12.99*	
		For >500 To 1,000, Deduct	*-25.72*	
		For >1,000, Deduct	*-36.20*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	95.59	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.40*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-26.11*	
		For >1,000, Deduct	*-36.59*	
21 13 13 00-0120	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	95.59	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.40*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-26.11*	
		For >1,000, Deduct	*-36.59*	
21 13 13 00-0121	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	90.48	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.14*	
		For >100 To 500, Deduct	*-12.62*	
		For >500 To 1,000, Deduct	*-25.19*	
		For >1,000, Deduct	*-35.67*	
21 13 13 00-0122	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	92.49	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.87*	
		For >500 To 1,000, Deduct	*-25.56*	
		For >1,000, Deduct	*-36.04*	
21 13 13 00-0123	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	92.49	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.87*	
		For >500 To 1,000, Deduct	*-25.56*	
		For >1,000, Deduct	*-36.04*	
21 13 13 00-0124	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	256.44	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-15.18*	
		For >100 To 500, Deduct	*-33.23*	
		For >500 To 1,000, Deduct	*-54.18*	
		For >1,000, Deduct	*-63.61*	
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	282.41	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-16.74*	
		For >100 To 500, Deduct	*-36.61*	
		For >500 To 1,000, Deduct	*-59.74*	
		For >1,000, Deduct	*-70.22*	
21 13 13 00-0126	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	138.80	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 500, Deduct	*-18.53*	
		For >500 To 1,000, Deduct	*-33.00*	
		For >1,000, Deduct	*-42.44*	
21 13 13 00-0127	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	169.45	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-10.83*	
		For >100 To 500, Deduct	*-22.36*	
		For >500 To 1,000, Deduct	*-38.52*	
		For >1,000, Deduct	*-47.95*	
21 13 13 00-0128	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	297.61	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-17.24*	
		For >100 To 500, Deduct	*-38.38*	
		For >500 To 1,000, Deduct	*-61.59*	
		For >1,000, Deduct	*-71.02*	
21 13 13 00-0129	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	377.48	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-21.23*	
		For >100 To 500, Deduct	*-48.36*	
		For >500 To 1,000, Deduct	*-75.97*	
		For >1,000, Deduct	*-85.40*	
21 13 13 00-0130	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	174.68	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-11.35*	
		For >100 To 500, Deduct	*-23.15*	
		For >500 To 1,000, Deduct	*-40.35*	
		For >1,000, Deduct	*-50.83*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0131	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	175.61	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-11.40*	
		For >100 To 500, Deduct	*-23.26*	
		For >500 To 1,000, Deduct	*-40.52*	
		For >1,000, Deduct	*-51.00*	
21 13 13 00-0132		Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0133		Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	76.07	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 500, Deduct	*-10.69*	
		For >500 To 1,000, Deduct	*-21.71*	
		For >1,000, Deduct	*-31.15*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	78.11	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.26*	
		For >100 To 500, Deduct	*-10.94*	
		For >500 To 1,000, Deduct	*-22.08*	
		For >1,000, Deduct	*-31.51*	
21 13 13 00-0136	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	81.35	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 500, Deduct	*-11.35*	
		For >500 To 1,000, Deduct	*-22.66*	
		For >1,000, Deduct	*-32.10*	
21 13 13 00-0137	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	77.22	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.22*	
		For >100 To 500, Deduct	*-10.83*	
		For >500 To 1,000, Deduct	*-21.92*	
		For >1,000, Deduct	*-31.35*	
21 13 13 00-0138	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	79.30	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.32*	
		For >100 To 500, Deduct	*-11.09*	
		For >500 To 1,000, Deduct	*-22.29*	
		For >1,000, Deduct	*-31.73*	
21 13 13 00-0139	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	82.60	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 500, Deduct	*-11.50*	
		For >500 To 1,000, Deduct	*-22.89*	
		For >1,000, Deduct	*-32.32*	
21 13 13 00-0140	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	84.73	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.27*	
		For >1,000, Deduct	*-32.70*	
21 13 13 00-0141	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	88.06	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.76*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-23.87*	
		For >1,000, Deduct	*-33.30*	
21 13 13 00-0142	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	91.65	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 500, Deduct	*-12.77*	
		For >500 To 1,000, Deduct	*-25.41*	
		For >1,000, Deduct	*-35.89*	
21 13 13 00-0143	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	96.64	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.45*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-26.30*	
		For >1,000, Deduct	*-36.78*	
21 13 13 00-0144	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	91.92	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-24.56*	
		For >1,000, Deduct	*-34.00*	
21 13 13 00-0145	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	95.22	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-7.12*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-25.16*	
		For >1,000, Deduct	*-34.59*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0146		EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	91.92	11.79
			For >25 To 50, Deduct	*-2.36*	
			For >50 To 100, Deduct	*-6.95*	
			For >100 To 500, Deduct	*-12.67*	
			For >500 To 1,000, Deduct	*-24.56*	
			For >1,000, Deduct	*-34.00*	
21 13 13 00-0147		EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	95.22	11.79
			For >25 To 50, Deduct	*-2.36*	
			For >50 To 100, Deduct	*-7.12*	
			For >100 To 500, Deduct	*-13.08*	
			For >500 To 1,000, Deduct	*-25.16*	
			For >1,000, Deduct	*-34.59*	
21 13 13 00-0148		EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	74.33	11.79
			For >25 To 50, Deduct	*-2.36*	
			For >50 To 100, Deduct	*-6.08*	
			For >100 To 500, Deduct	*-10.47*	
			For >500 To 1,000, Deduct	*-21.40*	
			For >1,000, Deduct	*-30.83*	
21 13 13 00-0149		EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	76.02	11.79
			For >25 To 50, Deduct	*-2.36*	
			For >50 To 100, Deduct	*-6.16*	
			For >100 To 500, Deduct	*-10.68*	
			For >500 To 1,000, Deduct	*-21.70*	
			For >1,000, Deduct	*-31.14*	
21 13 13 00-0150		EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	78.12	11.79
			For >25 To 50, Deduct	*-2.36*	
			For >50 To 100, Deduct	*-6.26*	
			For >100 To 500, Deduct	*-10.94*	
			For >500 To 1,000, Deduct	*-22.08*	
			For >1,000, Deduct	*-31.51*	
21 13 13 00-0151		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	81.54	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.70*	
			For >100 To 500, Deduct	*-11.50*	
			For >500 To 1,000, Deduct	*-23.59*	
			For >1,000, Deduct	*-34.07*	
21 13 13 00-0152		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	83.35	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.79*	
			For >100 To 500, Deduct	*-11.73*	
			For >500 To 1,000, Deduct	*-23.91*	
			For >1,000, Deduct	*-34.39*	
21 13 13 00-0153		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	85.31	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.89*	
			For >100 To 500, Deduct	*-11.97*	
			For >500 To 1,000, Deduct	*-24.26*	
			For >1,000, Deduct	*-34.74*	
21 13 13 00-0154		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	82.97	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.77*	
			For >100 To 500, Deduct	*-11.68*	
			For >500 To 1,000, Deduct	*-23.84*	
			For >1,000, Deduct	*-34.32*	
21 13 13 00-0155		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	84.86	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.86*	
			For >100 To 500, Deduct	*-11.92*	
			For >500 To 1,000, Deduct	*-24.18*	
			For >1,000, Deduct	*-34.66*	
21 13 13 00-0156		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	86.89	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.96*	
			For >100 To 500, Deduct	*-12.17*	
			For >500 To 1,000, Deduct	*-24.55*	
			For >1,000, Deduct	*-35.03*	
21 13 13 00-0157		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	86.92	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-6.97*	
			For >100 To 500, Deduct	*-12.18*	
			For >500 To 1,000, Deduct	*-24.55*	
			For >1,000, Deduct	*-35.03*	
21 13 13 00-0158		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	89.70	13.10
			For >25 To 50, Deduct	*-2.62*	
			For >50 To 100, Deduct	*-7.11*	
			For >100 To 500, Deduct	*-12.52*	
			For >500 To 1,000, Deduct	*-25.05*	
			For >1,000, Deduct	*-35.53*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0159	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	89.70	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 500, Deduct	*-12.52*	
		For >500 To 1,000, Deduct	*-25.05*	
		For >1,000, Deduct	*-35.53*	
21 13 13 00-0160	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	141.89	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-9.45*	
		For >100 To 500, Deduct	*-18.92*	
		For >500 To 1,000, Deduct	*-33.56*	
		For >1,000, Deduct	*-42.99*	
21 13 13 00-0161	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	141.89	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-9.45*	
		For >100 To 500, Deduct	*-18.92*	
		For >500 To 1,000, Deduct	*-33.56*	
		For >1,000, Deduct	*-42.99*	
21 13 13 00-0162	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	75.03	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.11*	
		For >100 To 500, Deduct	*-10.56*	
		For >500 To 1,000, Deduct	*-21.52*	
		For >1,000, Deduct	*-30.96*	
21 13 13 00-0163	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	75.03	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.11*	
		For >100 To 500, Deduct	*-10.56*	
		For >500 To 1,000, Deduct	*-21.52*	
		For >1,000, Deduct	*-30.96*	
21 13 13 00-0164	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	75.03	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.11*	
		For >100 To 500, Deduct	*-10.56*	
		For >500 To 1,000, Deduct	*-21.52*	
		For >1,000, Deduct	*-30.96*	
21 13 13 00-0165		Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0166	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	78.72	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 500, Deduct	*-11.02*	
		For >500 To 1,000, Deduct	*-22.19*	
		For >1,000, Deduct	*-31.62*	
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	81.27	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 500, Deduct	*-11.34*	
		For >500 To 1,000, Deduct	*-22.65*	
		For >1,000, Deduct	*-32.08*	
21 13 13 00-0168	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	82.37	11.79
		For >25 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-11.48*	
		For >500 To 1,000, Deduct	*-22.85*	
		For >1,000, Deduct	*-32.28*	
21 13 13 00-0169		Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0170		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0171	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes coverplate	113.06	15.73
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.80*	
		For >100 To 500, Deduct	*-15.70*	
		For >500 To 1,000, Deduct	*-31.04*	
		For >1,000, Deduct	*-43.62*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	83.10	15.73
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-11.96*	
		For >500 To 1,000, Deduct	*-25.65*	
		For >1,000, Deduct	*-38.22*	
21 13 13 00-0173	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	84.20	15.73
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 500, Deduct	*-12.10*	
		For >500 To 1,000, Deduct	*-25.85*	
		For >1,000, Deduct	*-38.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0174	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head	104.30	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.62*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-43.98*	
21 13 13 00-0175	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.05	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-41.09*	
21 13 13 00-0176	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.05	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-41.09*	
21 13 13 00-0177	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	104.30	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.62*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-43.98*	
21 13 13 00-0178	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	92.04	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.75*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-27.26*	
		For >1,000, Deduct	*-39.83*	
21 13 13 00-0179	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.05	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-41.09*	
21 13 13 00-0180	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.05	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-41.09*	
21 13 13 00-0181	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	93.70	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.83*	
		For >100 To 500, Deduct	*-13.28*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-40.13*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	151.30	18.34
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.67*	
		For >50 To 100, Deduct	*-11.23*	
		For >100 To 500, Deduct	*-20.75*	
		For >500 To 1,000, Deduct	*-39.71*	
		For >1,000, Deduct	*-54.38*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	88.55	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.57*	
		For >100 To 500, Deduct	*-12.64*	
		For >500 To 1,000, Deduct	*-26.63*	
		For >1,000, Deduct	*-39.20*	
21 13 13 00-0184	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	93.35	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-13.37*	
		For >500 To 1,000, Deduct	*-28.39*	
		For >1,000, Deduct	*-42.01*	
21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	89.53	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-12.76*	
		For >500 To 1,000, Deduct	*-26.81*	
		For >1,000, Deduct	*-39.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0186	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	94.78	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.15*	
		For >100 To 500, Deduct	*-13.55*	
		For >500 To 1,000, Deduct	*-28.64*	
		For >1,000, Deduct	*-42.27*	
21 13 13 00-0187	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	104.76	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-14.80*	
		For >500 To 1,000, Deduct	*-30.44*	
		For >1,000, Deduct	*-44.06*	
21 13 13 00-0188	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate	174.02	18.34
		For >25 To 50, Deduct	*-3.67*	
		For >50 To 100, Deduct	*-12.37*	
		For >100 To 500, Deduct	*-23.59*	
		For >500 To 1,000, Deduct	*-43.80*	
		For >1,000, Deduct	*-58.47*	
21 13 13 00-0189	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	174.02	18.34
		For >25 To 50, Deduct	*-3.67*	
		For >50 To 100, Deduct	*-12.37*	
		For >100 To 500, Deduct	*-23.59*	
		For >500 To 1,000, Deduct	*-43.80*	
		For >1,000, Deduct	*-58.47*	
21 13 13 00-0190		Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0191	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	121.39	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-9.21*	
		For >100 To 500, Deduct	*-16.75*	
		For >500 To 1,000, Deduct	*-32.54*	
		For >1,000, Deduct	*-45.12*	
21 13 13 00-0192	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	136.39	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-10.23*	
		For >100 To 500, Deduct	*-18.75*	
		For >500 To 1,000, Deduct	*-36.13*	
		For >1,000, Deduct	*-49.76*	
21 13 13 00-0193	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.03	15.73
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-8.00*	
		For >100 To 500, Deduct	*-13.70*	
		For >500 To 1,000, Deduct	*-28.16*	
		For >1,000, Deduct	*-40.73*	
21 13 13 00-0194	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	98.57	17.04
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.34*	
		For >100 To 500, Deduct	*-14.02*	
		For >500 To 1,000, Deduct	*-29.32*	
		For >1,000, Deduct	*-42.95*	
21 13 13 00-0195		Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0196	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	279.01	13.10
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-16.57*	
		For >100 To 500, Deduct	*-36.19*	
		For >500 To 1,000, Deduct	*-59.13*	
		For >1,000, Deduct	*-69.61*	
21 13 13 00-0197	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	272.46	13.10
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-16.24*	
		For >100 To 500, Deduct	*-35.37*	
		For >500 To 1,000, Deduct	*-57.95*	
		For >1,000, Deduct	*-68.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0198	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	121.69	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-8.70*	
		For >100 To 500, Deduct	*-16.52*	
		For >500 To 1,000, Deduct	*-30.81*	
		For >1,000, Deduct	*-41.29*	
21 13 13 00-0199	EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	135.27	13.10
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-9.38*	
		For >100 To 500, Deduct	*-18.22*	
		For >500 To 1,000, Deduct	*-33.26*	
		For >1,000, Deduct	*-43.74*	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*

21 13 13 00-0202	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	47.88	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.48*	
		For >100 To 500, Deduct	*-6.53*	
		For >500 To 1,000, Deduct	*-12.31*	
		For >1,000, Deduct	*-16.66*	
21 13 13 00-0203	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	47.88	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.48*	
		For >100 To 500, Deduct	*-6.53*	
		For >500 To 1,000, Deduct	*-12.31*	
		For >1,000, Deduct	*-16.66*	
21 13 13 00-0204	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	48.42	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 500, Deduct	*-6.60*	
		For >500 To 1,000, Deduct	*-12.41*	
		For >1,000, Deduct	*-16.76*	
21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	42.92	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 500, Deduct	*-5.91*	
		For >500 To 1,000, Deduct	*-11.42*	
		For >1,000, Deduct	*-15.77*	
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	42.92	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 500, Deduct	*-5.91*	
		For >500 To 1,000, Deduct	*-11.42*	
		For >1,000, Deduct	*-15.77*	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	42.92	13.04
		For >25 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 500, Deduct	*-5.91*	
		For >500 To 1,000, Deduct	*-11.42*	
		For >1,000, Deduct	*-15.77*	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	47.89	14.18
		For >25 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 500, Deduct	*-6.58*	
		For >500 To 1,000, Deduct	*-12.64*	
		For >1,000, Deduct	*-17.36*	

21 13 13 00-0209 Sprinkler Head Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	18.58	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 500, Deduct	*-2.52*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000, Deduct	*-6.25*	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	18.58	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 500, Deduct	*-2.52*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000, Deduct	*-6.25*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	17.60	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.08*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	17.60	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.08*	
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	13.17	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	18.09	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000, Deduct	*-6.16*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	18.09	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000, Deduct	*-6.16*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	7.41	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.27*	
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.73	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	6.91	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-3.18*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	7.53	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	6.85	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	6.85	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	8.24	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000, Deduct	*-3.42*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.83	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	6.83	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	11.12	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-4.72*	
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	10.75	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-4.65*	
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	10.87	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.67*	
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	11.24	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-4.74*	
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	10.87	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.67*	
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	11.12	4.84
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0241	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0242	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0243	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0244	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	22.55	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-6.97*	
21 13 13 00-0245	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	25.90	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 500, Deduct	*-3.43*	
		For >500 To 1,000, Deduct	*-6.00*	
		For >1,000, Deduct	*-7.57*	
21 13 13 00-0246	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.68	4.72
		For >25 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.14*	
		For >1,000, Deduct	*-7.71*	

21 13 13 00-0247 Coverplate For Sprinkler Heads *(21 13 13 00-0200)*

21 13 13 00-0248	EA	Chrome Coverplate For Concealed Pendent Sprinkler Head	52.57	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 500, Deduct	*-6.79*	
		For >500 To 1,000, Deduct	*-10.98*	
		For >1,000, Deduct	*-12.76*	
21 13 13 00-0249	EA	White Coverplate For Concealed Pendent Sprinkler Head	25.92	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 500, Deduct	*-3.46*	
		For >500 To 1,000, Deduct	*-6.18*	
		For >1,000, Deduct	*-7.96*	
21 13 13 00-0250	EA	Specialty Coverplate For Concealed Pendent Sprinkler Head	37.48	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 500, Deduct	*-4.91*	
		For >500 To 1,000, Deduct	*-8.26*	
		For >1,000, Deduct	*-10.04*	
21 13 13 00-0251	EA	Brass Coverplate For Concealed Sidewall Sprinkler Head	34.48	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-7.72*	
		For >1,000, Deduct	*-9.50*	
21 13 13 00-0252	EA	Chrome Coverplate For Concealed Sidewall Sprinkler Head	27.68	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 500, Deduct	*-3.68*	
		For >500 To 1,000, Deduct	*-6.50*	
		For >1,000, Deduct	*-8.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0253	EA	White Coverplate For Concealed Sidewall Sprinkler Head	27.68	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 500, Deduct	*-3.68*	
		For >500 To 1,000, Deduct	*-6.50*	
		For >1,000, Deduct	*-8.28*	
21 13 13 00-0254	EA	Off-White Coverplate For Concealed Sidewall Sprinkler Head	34.48	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-7.72*	
		For >1,000, Deduct	*-9.50*	
21 13 13 00-0255	EA	Black Painted Coverplate For Concealed Sidewall Sprinkler Head	34.48	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-7.72*	
		For >1,000, Deduct	*-9.50*	
21 13 13 00-0256	EA	Black Plated Coverplate For Concealed Sidewall Sprinkler Head	39.87	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 500, Deduct	*-5.21*	
		For >500 To 1,000, Deduct	*-8.69*	
		For >1,000, Deduct	*-10.47*	
21 13 13 00-0257	EA	Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	39.87	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 500, Deduct	*-5.21*	
		For >500 To 1,000, Deduct	*-8.69*	
		For >1,000, Deduct	*-10.47*	
21 13 13 00-0258	EA	Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	39.87	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 500, Deduct	*-5.21*	
		For >500 To 1,000, Deduct	*-8.69*	
		For >1,000, Deduct	*-10.47*	
21 13 13 00-0259	EA	Specialty Coverplate For Concealed Sidewall Sprinkler Head	34.51	5.34
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 500, Deduct	*-4.54*	
		For >500 To 1,000, Deduct	*-7.73*	
		For >1,000, Deduct	*-9.51*	
21 13 13 00-0260	EA	White Coverplate For Quick Release Concealed Sidewall Sprinkler Head	58.50	6.29
		For >25 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 500, Deduct	*-7.57*	
		For >500 To 1,000, Deduct	*-12.31*	
		For >1,000, Deduct	*-14.41*	

21 13 13 00-0261 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

21 13 13 00-0262	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	13.68	3.15
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-4.40*	
21 13 13 00-0263	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	17.70	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.22*	
21 13 13 00-0264	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	22.19	3.46
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 500, Deduct	*-2.92*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000, Deduct	*-6.13*	
21 13 13 00-0265	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	26.20	3.62
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 500, Deduct	*-3.43*	
		For >500 To 1,000, Deduct	*-5.74*	
		For >1,000, Deduct	*-6.95*	

21 13 13 00-0266 Sprinkler Head Guards *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0267	EA	Universal Sprinkler Head Guard, C-1	21.10	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 500, Deduct	*-3.03*	
		For >500 To 1,000, Deduct	*-6.47*	
		For >1,000, Deduct	*-9.62*	
21 13 13 00-0268	EA	Dry Pendent Sprinkler Head Guard, C-2	23.18	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 500, Deduct	*-3.29*	
		For >500 To 1,000, Deduct	*-6.85*	
		For >1,000, Deduct	*-9.99*	
21 13 13 00-0269	EA	Upright Sprinkler Head Guard With Water Shield, C-3	26.78	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 500, Deduct	*-3.73*	
		For >500 To 1,000, Deduct	*-7.49*	
		For >1,000, Deduct	*-10.63*	
21 13 13 00-0270	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	31.11	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 500, Deduct	*-4.28*	
		For >500 To 1,000, Deduct	*-8.27*	
		For >1,000, Deduct	*-11.42*	
21 13 13 00-0271	EA	Universal Sprinkler Head Guard, D-1	23.10	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 500, Deduct	*-3.28*	
		For >500 To 1,000, Deduct	*-6.83*	
		For >1,000, Deduct	*-9.98*	
21 13 13 00-0272	EA	Upright Sprinkler Head Guard With Water Shield, D-3	24.45	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 500, Deduct	*-3.45*	
		For >500 To 1,000, Deduct	*-7.08*	
		For >1,000, Deduct	*-10.22*	
21 13 13 00-0273	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	34.49	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 500, Deduct	*-4.70*	
		For >500 To 1,000, Deduct	*-8.88*	
		For >1,000, Deduct	*-12.03*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	32.48	9.44
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 500, Deduct	*-4.45*	
		For >500 To 1,000, Deduct	*-8.52*	
		For >1,000, Deduct	*-11.67*	

21 13 13 00-0275 Replacement Sprinkler Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0276	EA	Push On, Brass Replacement Sprinkler Escutcheon	9.88	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000, Deduct	*-3.72*	
21 13 13 00-0277	EA	Push On, Chrome Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0278	EA	Push On, White Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0279	EA	Flush, Brass Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0280	EA	Flush, Chrome Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0281	EA	Flush, White Replacement Sprinkler Escutcheon	11.86	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.07*	
21 13 13 00-0282	EA	Deep, Brass Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0283	EA	Deep, Chrome Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0284	EA	Deep, White Replacement Sprinkler Escutcheon	9.82	3.46
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0285		**Pendent Shield And O-Ring Assembly** *(21 13 13 00-0200)*		
21 13 13 00-0286	EA	Pendent Shield And O-Ring Assembly	15.99	6.92
		For >25 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 500, Deduct	*-2.26*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-6.76*	
21 13 13 00-0287		**Replacement Insulating Sealing Assembly** *(21 13 13 00-0200)*		
21 13 13 00-0288	EA	Insulating Sealing Assembly	64.56	15.73
		For >100 To 500, Deduct	*-8.86*	
		For >500 To 1,000, Deduct	*-16.97*	
21 13 13 00-0289		**Flexible Sprinkler Piping** *(21 13 13 00-0011)*		
		Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0290	EA	2' Long Stainless Steel Flexible Sprinkler Piping	71.26	16.25
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 500, Deduct	*-9.73*	
		For >500 To 1,000, Deduct	*-18.39*	
		For >1,000, Deduct	*-24.94*	
21 13 13 00-0291	EA	3' Long Stainless Steel Flexible Sprinkler Piping	78.86	16.77
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-5.67*	
		For >100 To 500, Deduct	*-10.72*	
		For >500 To 1,000, Deduct	*-20.06*	
		For >1,000, Deduct	*-26.95*	
21 13 13 00-0292	EA	4' Long Stainless Steel Flexible Sprinkler Piping	86.60	17.81
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-6.15*	
		For >100 To 500, Deduct	*-11.73*	
		For >500 To 1,000, Deduct	*-21.77*	
		For >1,000, Deduct	*-29.05*	
21 13 13 00-0293	EA	5' Long Stainless Steel Flexible Sprinkler Piping	94.61	18.86
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.93*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-12.79*	
		For >500 To 1,000, Deduct	*-23.58*	
		For >1,000, Deduct	*-31.29*	
21 13 13 00-0294	EA	6' Long Stainless Steel Flexible Sprinkler Piping	102.87	20.96
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-2.05*	
		For >50 To 100, Deduct	*-7.19*	
		For >100 To 500, Deduct	*-13.88*	
		For >500 To 1,000, Deduct	*-25.48*	
		For >1,000, Deduct	*-33.66*	
21 13 13 00-0295		**Sprinkler Emergency Cabinets** *(21 13 13 00-0011)*		
21 13 13 00-0296	EA	3 Capacity Emergency Sprinkler Cabinet, A4	99.72	
21 13 13 00-0297	EA	6 Capacity Emergency Sprinkler Cabinet, A4	104.96	
21 13 13 00-0298	EA	12 Capacity Emergency Sprinkler Cabinet, A4	110.17	
21 13 13 00-0299	EA	12 Capacity Emergency Sprinkler Cabinet, A3	334.57	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0300	EA	Sprinkler Wrench, RC1	156.51	
21 13 13 00-0301	EA	Sprinkler Wrench, FC	155.90	
21 13 13 00-0302	EA	Sprinkler Wrench, W2	51.76	

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems *(21 13 16)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1396 for individual grooved pipe, 23 21 13 23-1469 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	494.50	
		For Up To 5, Add	*227.23*	
		For >5 To 10, Add	*123.03*	
		For >10 To 20, Add	*93.60*	
		For >20 To 40, Add	*39.44*	
		For >100 To 150, Deduct	*-49.45*	
		For >150, Deduct	*-98.90*	
		For Copper Pipe, Add	*59.46*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-84.18*	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	617.33	
		For Up To 5, Add	*286.85*	
		For >5 To 10, Add	*161.54*	
		For >10 To 20, Add	*121.61*	
		For >20 To 40, Add	*50.83*	
		For >100 To 150, Deduct	*-61.73*	
		For >150, Deduct	*-123.47*	
		For Copper Pipe, Add	*72.64*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-103.51*	

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	502.55	
		For Up To 5, Add	*230.08*	
		For >5 To 10, Add	*122.92*	
		For >10 To 20, Add	*93.85*	
		For >20 To 40, Add	*39.66*	
		For >100 To 150, Deduct	*-50.26*	
		For >150, Deduct	*-100.51*	
		For Copper Pipe, Add	*60.85*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-85.98*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	622.19	
		For Up To 5, Add	*288.32*	
		For >5 To 10, Add	*160.82*	
		For >10 To 20, Add	*121.38*	
		For >20 To 40, Add	*50.83*	
		For >100 To 150, Deduct	*-62.22*	
		For >150, Deduct	*-124.44*	
		For Copper Pipe, Add	*73.61*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-104.72*	

21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	471.62	
		For Up To 5, Add	*215.73*	
		For >5 To 10, Add	*114.87*	
		For >10 To 20, Add	*87.79*	
		For >20 To 40, Add	*37.12*	
		For >100 To 150, Deduct	*-47.16*	
		For >150, Deduct	*-94.32*	
		For Copper Pipe, Add	*57.20*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-80.78*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	579.19	
		For Up To 5, Add	*268.41*	
		For >5 To 10, Add	*149.76*	
		For >10 To 20, Add	*113.02*	
		For >20 To 40, Add	*47.33*	
		For >100 To 150, Deduct	*-57.92*	
		For >150, Deduct	*-115.84*	
		For Copper Pipe, Add	*68.51*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-97.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0011		**Dry-Pipe Sprinkler System Equipment** *(21 13 16 00-0001)*		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	2,416.13	296.68
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	2,524.95	296.68
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	2,616.78	296.68
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	2,973.86	296.68
21 13 16 00-0016		**Dry Pipe Sprinkler System Components** *(21 13 16)*		
		Note: Excludes hydraulic calculations.		
21 13 16 00-0017		**Dry Pipe Valves** *(21 13 16 00-0016)*		
		Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Dry Pipe Valve	3,325.19	129.93
21 13 16 00-0019	EA	3" Dry Pipe Valve	3,702.44	148.83
21 13 16 00-0020	EA	4" Dry Pipe Valve	4,134.78	252.78
21 13 16 00-0021	EA	6" Dry Pipe Valve	5,243.37	318.92
21 13 16 00-0022		**Dry Pipe Valve Trim** *(21 13 16 00-0016)*		
		Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0023	EA	2-1/2" Dry Pipe Valve Trim	1,632.55	274.98
21 13 16 00-0024	EA	3" Dry Pipe Valve Trim	1,632.55	274.98
21 13 16 00-0025	EA	4" Dry Pipe Valve Trim	1,888.39	377.03
21 13 16 00-0026	EA	6" Dry Pipe Valve Trim	2,134.08	524.45
21 13 16 00-0027		**Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		
21 13 16 00-0028	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	205.10	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-13.40*	
		For >100 To 500, Deduct	*-27.21*	
		For >500 To 1,000, Deduct	*-47.61*	
		For >1,000, Deduct	*-60.18*	
21 13 16 00-0029	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	213.29	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 500, Deduct	*-28.23*	
		For >500 To 1,000, Deduct	*-49.08*	
		For >1,000, Deduct	*-61.66*	
21 13 16 00-0030	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	221.49	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-14.22*	
		For >100 To 500, Deduct	*-29.26*	
		For >500 To 1,000, Deduct	*-50.56*	
		For >1,000, Deduct	*-63.13*	
21 13 16 00-0031	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	229.70	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-14.63*	
		For >100 To 500, Deduct	*-30.28*	
		For >500 To 1,000, Deduct	*-52.04*	
		For >1,000, Deduct	*-64.61*	
21 13 16 00-0032	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	237.90	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-15.04*	
		For >100 To 500, Deduct	*-31.31*	
		For >500 To 1,000, Deduct	*-53.51*	
		For >1,000, Deduct	*-66.09*	
21 13 16 00-0033	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	246.10	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-15.45*	
		For >100 To 500, Deduct	*-32.33*	
		For >500 To 1,000, Deduct	*-54.99*	
		For >1,000, Deduct	*-67.56*	
21 13 16 00-0034	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	254.29	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-15.86*	
		For >100 To 500, Deduct	*-33.36*	
		For >500 To 1,000, Deduct	*-56.46*	
		For >1,000, Deduct	*-69.04*	
21 13 16 00-0035	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	262.51	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-16.27*	
		For >100 To 500, Deduct	*-34.39*	
		For >500 To 1,000, Deduct	*-57.94*	
		For >1,000, Deduct	*-70.52*	
21 13 16 00-0036	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	270.69	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-16.68*	
		For >100 To 500, Deduct	*-35.41*	
		For >500 To 1,000, Deduct	*-59.41*	
		For >1,000, Deduct	*-71.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0037	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	278.89	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-17.09*	
		For >100 To 500, Deduct	*-36.43*	
		For >500 To 1,000, Deduct	*-60.89*	
		For >1,000, Deduct	*-73.47*	
21 13 16 00-0038	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	287.10	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-17.50*	
		For >100 To 500, Deduct	*-37.46*	
		For >500 To 1,000, Deduct	*-62.37*	
		For >1,000, Deduct	*-74.94*	
21 13 16 00-0039	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	295.30	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-17.91*	
		For >100 To 500, Deduct	*-38.48*	
		For >500 To 1,000, Deduct	*-63.84*	
		For >1,000, Deduct	*-76.42*	
21 13 16 00-0040	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	303.52	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-18.32*	
		For >100 To 500, Deduct	*-39.51*	
		For >500 To 1,000, Deduct	*-65.32*	
		For >1,000, Deduct	*-77.90*	
21 13 16 00-0041	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	311.70	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-18.73*	
		For >100 To 500, Deduct	*-40.53*	
		For >500 To 1,000, Deduct	*-66.80*	
		For >1,000, Deduct	*-79.37*	
21 13 16 00-0042	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	319.91	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-19.14*	
		For >100 To 500, Deduct	*-41.56*	
		For >500 To 1,000, Deduct	*-68.27*	
		For >1,000, Deduct	*-80.85*	

21 13 16 00-0043 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0044	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	203.12	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-13.30*	
		For >100 To 500, Deduct	*-26.96*	
		For >500 To 1,000, Deduct	*-47.25*	
		For >1,000, Deduct	*-59.83*	
21 13 16 00-0045	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	211.33	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-13.71*	
		For >100 To 500, Deduct	*-27.99*	
		For >500 To 1,000, Deduct	*-48.73*	
		For >1,000, Deduct	*-61.31*	
21 13 16 00-0046	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	219.55	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-14.12*	
		For >100 To 500, Deduct	*-29.02*	
		For >500 To 1,000, Deduct	*-50.21*	
		For >1,000, Deduct	*-62.78*	
21 13 16 00-0047	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	227.72	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-14.53*	
		For >100 To 500, Deduct	*-30.04*	
		For >500 To 1,000, Deduct	*-51.68*	
		For >1,000, Deduct	*-64.26*	
21 13 16 00-0048	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	235.93	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-14.94*	
		For >100 To 500, Deduct	*-31.06*	
		For >500 To 1,000, Deduct	*-53.16*	
		For >1,000, Deduct	*-65.73*	
21 13 16 00-0049	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	244.12	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-15.35*	
		For >100 To 500, Deduct	*-32.09*	
		For >500 To 1,000, Deduct	*-54.63*	
		For >1,000, Deduct	*-67.21*	
21 13 16 00-0050	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	252.34	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-15.76*	
		For >100 To 500, Deduct	*-33.11*	
		For >500 To 1,000, Deduct	*-56.11*	
		For >1,000, Deduct	*-68.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0051	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	260.54	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-16.17*	
		For >100 To 500, Deduct	*-34.14*	
		For >500 To 1,000, Deduct	*-57.59*	
		For >1,000, Deduct	*-70.16*	
21 13 16 00-0052	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	268.72	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-16.58*	
		For >100 To 500, Deduct	*-35.16*	
		For >500 To 1,000, Deduct	*-59.06*	
		For >1,000, Deduct	*-71.64*	
21 13 16 00-0053	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	276.92	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-16.99*	
		For >100 To 500, Deduct	*-36.19*	
		For >500 To 1,000, Deduct	*-60.54*	
		For >1,000, Deduct	*-73.11*	
21 13 16 00-0054	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	285.13	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-17.40*	
		For >100 To 500, Deduct	*-37.21*	
		For >500 To 1,000, Deduct	*-62.01*	
		For >1,000, Deduct	*-74.59*	
21 13 16 00-0055	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	293.33	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-17.81*	
		For >100 To 500, Deduct	*-38.24*	
		For >500 To 1,000, Deduct	*-63.49*	
		For >1,000, Deduct	*-76.07*	
21 13 16 00-0056	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	317.94	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-19.04*	
		For >100 To 500, Deduct	*-41.31*	
		For >500 To 1,000, Deduct	*-67.92*	
		For >1,000, Deduct	*-80.49*	
21 13 16 00-0057	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	326.14	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-19.45*	
		For >100 To 500, Deduct	*-42.34*	
		For >500 To 1,000, Deduct	*-69.39*	
		For >1,000, Deduct	*-81.97*	
21 13 16 00-0058	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	329.41	20.76
		For >25 To 50, Deduct	*-3.14*	
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 500, Deduct	*-42.75*	
		For >500 To 1,000, Deduct	*-69.98*	
		For >1,000, Deduct	*-82.56*	
21 13 16 00-0059		Pendent Dry Pipe Sprinkler Head, Early Suppression, Fast Response *(21 13 16 00-0016)*		
21 13 16 00-0060	EA	23" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	903.36	20.76
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-48.57*	
		For >100 To 500, Deduct	*-114.62*	
		For >500 To 1,000, Deduct	*-174.19*	
		For >1,000, Deduct	*-187.81*	
21 13 16 00-0061	EA	30" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	903.36	20.76
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-48.57*	
		For >100 To 500, Deduct	*-114.62*	
		For >500 To 1,000, Deduct	*-174.19*	
		For >1,000, Deduct	*-187.81*	
21 13 16 00-0062	EA	36" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	903.36	20.76
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-48.57*	
		For >100 To 500, Deduct	*-114.62*	
		For >500 To 1,000, Deduct	*-174.19*	
		For >1,000, Deduct	*-187.81*	
21 13 16 00-0063	EA	36" Length, 1-1/4" ISO Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	903.36	20.76
		For >25 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-48.57*	
		For >100 To 500, Deduct	*-114.62*	
		For >500 To 1,000, Deduct	*-174.19*	
		For >1,000, Deduct	*-187.81*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 19 00-0001		Complete Preaction Sprinkler Systems *(21 13 19)*			
		Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. See CSI section 23 21 13 23-1396 for individual grooved pipe, 23 21 13 23-1469 for individual grooved pipe fittings.			
21 13 19 00-0002		Ordinary Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*			
21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head		473.00	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.			
		For Up To 5, Add		*218.26*	
		For >5 To 10, Add		*138.20*	
		For >10 To 20, Add		*90.90*	
		For >20 To 40, Add		*38.18*	
		For >100 To 150, Deduct		*-47.30*	
		For >150, Deduct		*-94.60*	
21 13 19 00-0004		Extra Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*			
21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head		440.38	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.			
		For Up To 5, Add		*203.24*	
		For >5 To 10, Add		*128.70*	
		For >10 To 20, Add		*84.66*	
		For >20 To 40, Add		*35.56*	
		For >100 To 150, Deduct		*-44.04*	
		For >150, Deduct		*-88.08*	
21 13 26		**Deluge Fire-Suppression Sprinkler Systems** *(21 13)*			
21 13 26 00-0001		Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*			
21 13 26 00-0002		Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)*			
21 13 26 00-0003	EA	3" Deluge Valve With Trim And Release Equipment		6,097.87	582.31
21 13 26 00-0004	EA	4" Deluge Valve With Trim And Release Equipment		6,989.62	655.05
21 13 26 00-0005	EA	6" Deluge Valve With Trim And Release Equipment		8,694.46	952.82
21 13 39		**Foam-Water Systems** *(21 13)*			
21 13 39 00-0001		Foam Control Valves And Monitors *(21 13 39)*			
21 13 39 00-0002		Control Valves *(21 13 39 00-0001)*			
21 13 39 00-0003	EA	3" Foam Control Valve		2,954.50	582.31
21 13 39 00-0004		Supply Valves *(21 13 39 00-0001)*			
21 13 39 00-0005	EA	2-1/2" Foam Supply Valve		2,702.29	655.05
21 13 39 00-0006		Proportioners *(21 13 39 00-0001)*			
21 13 39 00-0007	EA	8" Foam Proportioner		2,350.67	952.82
21 13 39 00-0008		Monitors *(21 13 39 00-0001)*			
21 13 39 00-0009	EA	Oscillating Foam Monitor		2,927.99	131.01
21 13 41		**Fire-Suppression Sprinkler Piping** *(21 13)*			
		See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0798 for flanged black steel pipe fittings, 23 21 13 23-1396 for grooved pipe, 23 21 13 23-1469 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.			
21 13 41 00-0001		Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*			
		Note: SDR 13.5			
21 13 41 00-0002		Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*			
21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		5.57	1.67
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		6.62	1.78
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		8.25	2.00
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		10.04	2.20
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		12.82	2.41
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		17.42	2.72
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe		24.17	3.25
21 13 41 00-0010		Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*			
21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping		26.94	10.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	35.43	12.58
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	44.33	15.73
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	50.57	17.40
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	57.31	19.50
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	72.02	22.12
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	88.09	26.20
21 13 41 00-0018		**Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	27.57	10.06
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	34.42	12.58
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	43.57	15.73
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	49.34	17.40
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	55.79	19.50
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	68.18	22.12
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	83.87	26.20
21 13 41 00-0026		**Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	40.15	15.09
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	52.16	18.97
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	66.32	23.69
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	76.01	26.20
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	88.67	29.13
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	108.55	33.23
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	128.26	39.19
21 13 41 00-0034		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	48.20	17.71
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	62.61	22.12
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	70.07	24.42
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	82.58	27.25
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	97.32	31.03
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	114.54	36.58
21 13 41 00-0041		**Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	54.15	20.12
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	67.88	25.26
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	85.46	31.54
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	96.27	34.90
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	112.20	38.88
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	143.26	44.23
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	18.49	6.70
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	24.76	9.01
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	32.82	11.84
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	37.36	13.10
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	42.79	14.57
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	51.16	16.56
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	61.65	19.60
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	9.42	3.36
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	14.99	5.45
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	17.15	5.87
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	19.61	6.50
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	23.16	7.34
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	27.86	8.28
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	36.04	9.85
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	26.18	9.96
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	34.67	12.99
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	38.32	14.35
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	43.59	16.04
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	51.64	18.24
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	62.92	21.59

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0071		Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*			
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping		22.92	7.34
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping		29.57	9.96
21 13 41 00-0074		Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*			
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		22.92	7.34
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		29.57	9.96
21 13 41 00-0077		Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*			
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		26.80	9.01
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		34.23	11.32
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		35.51	11.32
21 13 41 00-0081		Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*			
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		44.05	15.09
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		54.20	18.97
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		70.48	23.69
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		80.42	26.20
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping		94.03	29.13

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001		Carbon Dioxide Cylinders *(21 21 16)*			
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB		2,072.30	212.88
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each)		4,144.60	425.76
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket		314.64	122.46
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle		133.64	38.89
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing		34.17	15.77

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001		Ansul Fire Control Systems *(21 22 16)*			
21 22 16 00-0002		Sapphire® Fire Suppression Systems *(21 22 16 00-0001)* Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.			
21 22 16 00-0003		Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*			
21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.		1,483.60	72.58
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.		1,692.27	72.58
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.		1,719.70	72.58
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.		2,441.48	96.76
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.		2,579.42	96.76
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.		2,755.96	120.96
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.		2,924.15	120.96
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.		4,413.33	145.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) ..... Note: Add to empty tank cost.	37.27	145.15
21 22 16 00-0013		**Nozzles, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	141.67	12.10
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	145.22	12.10
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	154.13	12.10
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	160.36	12.10
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	169.26	12.10
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	195.95	12.10
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	141.67	12.10
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	145.22	12.10
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	154.13	12.10
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	160.36	12.10
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	169.26	12.10
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	195.95	12.10
21 22 16 00-0026		**Actuation Attachments, Sapphire® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	12.75	3.63
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	14.28	3.63
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	19.44	8.47
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	45.85	10.84
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	67.94	10.84
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	82.03	10.84
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	40.76	10.84
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	283.41	96.76
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	273.29	72.58
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	614.47	96.76
21 22 16 00-0037		**Nameplates, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	45.56	12.10
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	49.57	12.10
21 22 16 00-0040		**Cylinder Bracketing, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	140.22	36.28
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	148.22	36.28
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	158.46	36.28
21 22 16 00-0044		**Check Valves, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	378.77	38.51
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	532.14	66.09
21 22 16 00-0047		**Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	118.68	24.20
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	446.19	24.20
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	375.87	24.20
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,642.33	96.76
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	42.54	16.94
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	75.81	16.94
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	211.09	12.10
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	272.75	12.10
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	155.94	48.38
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	157.22	20.32
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	483.48	84.67
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	566.03	16.94
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	592.74	16.94
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	634.83	24.20
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	43.27	14.52
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	54.23	16.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	180.92	72.58
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	211.45	72.58
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	236.81	72.58
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	318.69	72.58
21 22 16 00-0072		Replacement Parts, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	51.50	19.36
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	85.16	12.10
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	114.69	24.20
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	302.11	96.76
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	457.84	96.76
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,549.77	96.76
21 22 16 00-0079		Inergen® Fire Suppression System *(21 22 16 00-0001)*		
21 22 16 00-0080		Actuation Attachments, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	166.31	23.97
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 428958)	193.40	25.76
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	346.01	46.62
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	695.65	106.17
21 22 16 00-0085		Check Valves, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,678.37	140.12
21 22 16 00-0087		Components, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	49.41	7.35
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	581.09	78.73
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,808.90	246.34
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,723.81	250.96
21 22 16 00-0092		Cylinders, Inergen® Fire Suppression System *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,508.14	225.45
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,710.80	255.43
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,448.57	331.01
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,450.01	404.49
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,769.31	284.81
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,507.52	360.50
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,587.27	434.66
21 22 16 00-0100		Inspection/Maintenance Devices, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	56.93	8.20
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	56.93	8.20
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	68.67	9.11
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,084.76	156.45
21 22 16 00-0105		Multiple Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	18.27	2.40
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	25.93	3.42
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	20.14	2.68
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	18.61	2.68
21 22 16 00-0111		Nozzle Deflector Shields, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	80.94	11.54
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	84.93	12.09
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	98.68	13.96
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	109.99	15.77
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	126.17	18.13
21 22 16 00-0117		Nozzles, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	123.97	17.87
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	128.61	18.40
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	118.63	17.03
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	121.49	18.40
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	141.04	20.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	150.78	21.55
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	162.32	23.12
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	279.41	40.47
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	369.43	53.08
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	402.71	58.34
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	144.36	21.01
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	170.29	24.60
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	140.14	20.23
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	149.69	21.44
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	151.01	21.55
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	182.28	26.18
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	196.47	28.38
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	301.58	43.55
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	352.13	50.98
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	385.84	55.71
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	162.32	23.12
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	199.15	28.80
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	214.20	31.01
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	301.58	43.55
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	329.51	47.72
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	387.16	55.71
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	450.13	65.32
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	532.17	77.26
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	678.81	152.42
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	874.18	178.70
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,117.62	299.58
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	661.89	152.42
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	732.64	106.46
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,117.62	299.58
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	676.13	152.42
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	761.47	110.63
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,096.26	299.58
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	762.34	116.16
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,250.17	180.20
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,779.63	240.12
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,886.77	244.26
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	88.25	12.42
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	105.49	16.45
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,010.64	128.56
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	110.52	12.20
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	115.84	12.85
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	121.62	13.07
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	130.51	13.51
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	135.82	14.82
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	136.46	16.02
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	299.34	42.92
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	302.01	43.36
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	387.16	55.56
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	141.04	20.23
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	193.39	46.25
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	367.36	29.91
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	309.12	44.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858)	624.64	299.58
		Note: Includes gasket and fasteners.		
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859)	193.81	27.93
		Note: Includes gasket and fasteners.		
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860)	227.50	32.59
		Note: Includes gasket and fasteners.		
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861)	620.15	299.58
		Note: Includes gasket and fasteners.		
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862)	201.78	29.25
		Note: Includes gasket and fasteners.		
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863)	236.39	34.09
		Note: Includes gasket and fasteners.		
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864)	642.39	299.58
		Note: Includes gasket and fasteners.		
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)	39.50	2.22
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)	39.93	2.44
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)	43.02	2.89
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0191		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	24.70	3.55
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	203.16	27.02
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592)	151.57	27.02
		Note: Includes upright, left, right and center.		
21 22 16 00-0195		Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0001)*		
21 22 16 00-0196		Accessory Switches, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	159.20	23.32
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	180.94	26.58
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	230.14	33.77
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	247.89	36.39
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	310.41	45.76
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	330.38	48.59
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	633.25	93.70
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	50.98	6.98
21 22 16 00-0205		Alarm Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	137.92	20.26
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	202.22	29.64
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	18.44	2.70
21 22 16 00-0209		Annunciators, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,589.07	235.11
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,332.11	196.97
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,034.09	152.96
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	900.64	133.13
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	900.64	133.13
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	721.49	106.55
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,332.11	196.97
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	270.94	39.88
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	339.67	50.12
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	681.13	100.66
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	115.08	16.88
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)	156.52	23.32
		Note: For up to 4 LDM modules.		
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	270.95	39.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0223		Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	210.60	32.47
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	13.03	2.22
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	90.89	2.70
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	14.09	2.70
21 22 16 00-0228		Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	468.19	72.78
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	280.66	43.36
21 22 16 00-0231		Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	206.77	27.89
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	432.42	59.05
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	488.01	66.89
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	637.64	81.49
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,028.30	141.41
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	153.89	22.44
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	274.94	40.52
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	559.19	82.58
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,625.66	240.56
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,188.87	175.84
21 22 16 00-0242		Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	125.27	18.63
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	117.04	18.52
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	158.68	26.58
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	235.48	34.65
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	183.12	28.10
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	172.02	27.02
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	27.40	4.31
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	101.10	15.25
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	101.11	14.82
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	36.14	12.20
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	9.30	1.35
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	97.32	14.27
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	57.03	8.41
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	154.32	22.23
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	80.71	11.76
21 22 16 00-0258		Manual Pull Stations, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	23.23	3.16
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	14.40	1.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	202.22	29.64
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	608.07	85.20
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,160.94	171.70
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	30.96	4.45
21 22 16 00-0266		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0267		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	157.34	20.92
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	343.38	31.53
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	875.09	122.02
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	875.09	122.02
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,314.83	183.03
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,314.83	183.03
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,920.71	233.15
21 22 16 00-0275		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	28.22	3.92
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	42.56	3.92
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	61.77	7.41
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	96.19	8.28
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	120.99	16.56
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	224.09	20.92
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	6,609.11	1,024.10
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	8,432.41	1,263.78
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	7,624.83	1,154.83
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	10,602.03	1,525.26
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	11,162.18	1,612.42
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	10,718.71	1,547.04
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	11,320.27	1,634.21
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	11,643.79	1,699.57
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	12,149.04	1,786.73
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	12,769.72	1,873.89
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	13,315.03	1,961.05
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	12,513.33	1,786.73
21 22 16 00-0295		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,010.19	239.68
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,019.99	239.68
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,820.49	217.90
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,831.87	217.90
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,264.25	261.48
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	1,924.20	226.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,106.36	254.50
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,055.95	719.05
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,163.80	575.24
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,472.31	217.90
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,059.78	141.63
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,476.49	190.87
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,213.57	235.33
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	278.50	35.30
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,862.12	217.90
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,330.29	180.85
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,044.76	139.45
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,332.42	180.85
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,330.29	180.85
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,315.28	169.96
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	156.62	15.25
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	6,355.20	836.72
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	11,074.05	1,464.24
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	865.31	108.95
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	19.69	2.18
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	11.10	0.43
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	476.74	63.18
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	577.57	76.70
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	833.76	111.13
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	122.86	16.56
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	19.20	3.49
21 22 16 00-0328		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	17.44	2.61
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	18.32	3.05
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	28.22	3.92
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	28.27	3.92
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	102.46	14.82
21 22 16 00-0334		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	252.94	31.38
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	340.79	41.83
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	348.71	45.76
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	847.33	65.37
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,247.98	143.81
21 22 16 00-0340		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	5.51	1.67
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	9.49	3.36
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	26.23	10.06
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	27.04	10.06
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	18.60	6.70
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	29.83	10.06
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	40.25	15.09
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	50.12	17.71
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.60	1.57
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	18.34	4.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	22.33	3.49
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	32.02	4.80
21 22 16 00-0353		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,459.94	167.35
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,483.71	192.62
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	901.13	117.66
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,029.61	132.91
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,459.94	167.35
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,761.50	192.62
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	499.80	59.26
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	751.79	90.64
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,416.35	187.39
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,077.81	274.55
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	112.18	15.25
21 22 16 00-0367	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	83.91	11.33
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,716.07	402.02
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	82.99	9.23
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	82.04	11.99
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	48.87	7.19
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	19.97	2.92
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	92.70	12.64
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	130.69	17.86
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,020.43	140.32
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	29.67	4.05
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	13.30	1.80
21 22 16 00-0381		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0382		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	53.76	7.32
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	99.09	14.16
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	99.09	14.16
21 22 16 00-0386		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0387	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	3,348.82	105.12
21 22 16 00-0388	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	4,805.89	120.36
21 22 16 00-0389	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	5,704.97	141.90
21 22 16 00-0390	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	7,564.59	168.18
21 22 16 00-0391	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	11,833.48	210.24
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	705.80	210.24
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	246.79	69.90
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	307.23	52.56
21 22 16 00-0395	LB	FM200 Gas	25.90	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	5,484.67	56.55
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	775.40	79.05
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	771.67	84.73
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	190.70	29.96
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	219.74	56.55
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,004.14	84.73
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	728.94	223.47
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	3,930.61	419.83
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	6,341.64	840.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	307.08	84.73
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,186.92	318.19
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	334.50	84.73
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	304.43	84.73
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,427.94	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	213.73	39.41

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	962.82	87.09
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,103.47	108.47
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,351.84	133.82
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,596.09	158.79
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	54.07	4.55
21 23 16 00-0008	EA	System Valve Actuator	193.66	18.10
21 23 16 00-0009	EA	Vent Plug	36.24	3.68
21 23 16 00-0010	EA	Gauge Shield	86.54	9.68
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	99.68	9.68
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	105.67	10.25
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	200.92	19.36
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	196.50	21.97
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	257.08	22.02
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	34.63	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	36.55	

21 23 16 00-0018 Nozzles And Accessories *(21 23 16 00-0001)*

21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	89.34	8.90
21 23 16 00-0020	EA	LPF Or DM Nozzle	97.37	8.90
21 23 16 00-0021	EA	LPR Nozzle	113.92	8.90
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	67.16	6.29
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	10.57	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	6.52	0.58
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	33.06	8.85

21 23 16 00-0026 Control Systems *(21 23 16 00-0001)*

21 23 16 00-0027	EA	XV Control System. Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,096.93	58.06
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	92.30	9.68
21 23 16 00-0029	EA	24" High Pressure Hose	109.57	9.68
21 23 16 00-0030	EA	60" High Pressure Hose	147.96	9.68
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	213.37	19.36
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	70.01	9.09
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	75.77	9.09
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	29.88	7.26
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	616.26	37.49
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	93.67	9.09
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	169.68	15.78
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	520.34	50.61

21 23 16 00-0039 Mechanical Actuation Components *(21 23 16 00-0001)*

21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	56.33	14.52
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	78.93	14.52
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	218.98	9.68
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	167.15	9.68
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	26.10	2.61
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	367.55	15.97
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	43.78	4.25
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	88.38	4.84
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.44	0.97
21 23 16 00-0049	EA	Cable Clamp	12.49	0.48
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.65	0.38
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.58	0.38
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	93.44	9.00

21 23 16 00-0053 Mechanical Detection Links *(21 23 16 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0054	EA	KGS Standard Response Link	19.00	4.84
21 23 16 00-0055	EA	KGS Rapid Response Link	28.31	4.84
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	24.13	4.84
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	23.12	4.84
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	34.63	4.84
21 23 16 00-0059		**Gas Valves** *(21 23 16 00-0001)*		
21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	428.85	20.90
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	465.87	25.74
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	534.08	32.51
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	585.55	37.45
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	631.27	44.22
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	1,049.52	64.64
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	1,171.11	74.80
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	487.20	23.61
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	56.75	
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	448.42	19.45
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	451.34	20.90
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	698.76	25.74
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	738.06	32.51
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	847.34	37.45
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	1,090.62	44.22
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	1,805.99	64.64
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	2,271.29	74.80
21 23 16 00-0077	EA	Manual Reset Relay	588.01	97.24
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	48.27	4.06
21 23 16 00-0080	EA	1/2" Tubing, 1/4" Pipe, Compression Seal Adapter	47.39	4.46
21 23 16 00-0081	EA	5/8" Tubing, 3/8" Pipe, Compression Seal Adapter	55.59	5.32
21 23 16 00-0082	EA	3/4" Tubing, 1/2" Pipe, Compression Seal Adapter	64.34	5.71
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	55.59	5.32
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	47.39	4.46
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	47.39	4.46
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	77.70	7.55
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	103.47	9.97
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	47.39	
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	345.90	29.23
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	308.53	29.80
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	249.11	7.35
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	886.45	84.28
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	188.65	18.00
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	289.67	18.00
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	288.92	12.77
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	87.01	8.13
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	11.53	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	710.45	67.74
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	730.55	68.70
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,052.33	98.99
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,382.60	135.37
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	149.97	16.16
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	987.31	105.66
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	602.82	64.44
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	19.47	2.13
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	19.47	2.13
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	19.93	2.13
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	19.47	2.13
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	19.47	2.13
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	21.15	2.13
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	33.72	3.58
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	43.77	4.74
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	56.08	24.48
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	422.37	54.48
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	349.55	20.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	398.40	25.74
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	430.65	32.51
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	473.93	37.35
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	545.34	44.13
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	1,265.16	64.54
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,350.81	74.70
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	274.91	20.90
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	467.44	25.74
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	488.48	32.51
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	556.01	37.35
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	769.22	44.13
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	1,485.29	64.54
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,567.24	74.70
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	69.76	7.16
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	98.92	9.09
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	378.68	9.09
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	25.76	2.80
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	844.07	90.86
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,075.63	116.22
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	551.78	59.51
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	665.78	71.70
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	608.78	65.61
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	635.41	68.60
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	827.66	89.22
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	949.49	102.57
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	77.12	8.32
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	19.20	1.35
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	19.81	1.74
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	61.83	6.67
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.79	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	67.25	7.26
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	134.69	14.42
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	285.03	30.58
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	1.39	0.29
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.83	0.29
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	3.35	0.38
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.58	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	63.90	6.97
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	66.71	7.26
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	7.81	0.87
21 23 16 00-0169	EA	225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	91.67	9.49
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	12.85	1.35
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	17.89	1.94
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	7.81	0.87
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	11.01	1.16
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	10.77	1.16
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	3.08	0.29
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	5.21	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	99.66	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	677.70	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	880.37	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,017.08	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	31.29	3.29
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	32.41	3.49
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	62.40	6.67
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	88.31	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	189.82	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	126.11	13.64
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	135.37	19.15
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	33.72	3.58
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	4.60	1.26
21 23 16 00-0192		**Asco Gas Valve Control Panels** *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,324.47	212.88
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,403.30	212.88
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	786.29	48.38
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	734.79	48.38

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems *(21 24 16)*
Note: Amerex or equal.

21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	594.99	75.09
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	831.69	94.66
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	197.53	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	347.23	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	138.27	15.76
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	80.55	9.14
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	34.93	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	138.27	15.76
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	347.23	39.51
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	185.05	21.02
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	226.81	21.02
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	551.01	62.72
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	41.58	4.73
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder	185.05	21.02
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check	33.27	3.78
21 24 16 00-0017	EA	Detector	24.94	2.84
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	9.36	1.05
21 24 16 00-0019	EA	Test Link	2.85	
21 24 16 00-0020	EA	Corner Pulley	12.89	1.47
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	207.92	23.64
21 24 16 00-0022	EA	Pulley Tee	93.56	10.61
21 24 16 00-0023	EA	Manual Pull Station (Standard)	83.16	9.45
21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station)	39.01	4.41
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	92.73	10.51
21 24 16 00-0026	EA	Conduit Offset	18.50	2.11
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal)	25.48	2.94
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal	20.79	2.42
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	34.72	3.99
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	34.72	3.99
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	9.46	2.73
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	23.11	2.73
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	41.58	4.73
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	41.58	4.73
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	41.58	4.73
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	41.58	4.73
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	41.58	4.73
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	59.80	6.83
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve	333.54	27.84
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve	390.89	40.45
21 24 16 00-0041	EA	2" Mechanical Gas Valve	487.50	47.81
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	523.95	59.58
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	27.57	3.15
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	44.50	5.05
21 24 16 00-0045	EA	Gas Valve Trip Assembly	93.56	10.61

21 24 16 00-0046 Range Guard Fire Suppression Systems *(21 24 16)*
Note: Range Guard or equal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	631.30	81.18
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	788.04	101.31
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	972.88	125.12
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	1,155.58	148.53
21 24 16 00-0051	EA	Vent Plug	26.51	3.39
21 24 16 00-0052	EA	Discharge Adapter Kit	34.16	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	70.27	9.00
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	74.37	9.58
21 24 16 00-0055	EA	4 Gallon Wall Bracket	140.45	18.10
21 24 16 00-0056	EA	6 Gallon Wall Bracket	155.66	20.03
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	549.15	70.64
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	572.93	73.63
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	657.24	84.47
21 24 16 00-0060	EA	Tandem Control Head	499.42	64.25
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	845.34	108.67
21 24 16 00-0062	EA	Mechanical Control Box	376.18	48.38
21 24 16 00-0063	EA	Tandem Control Box	376.18	48.38
21 24 16 00-0064	EA	Mechanical Control Box Adapter	110.26	14.22
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	331.35	42.57
21 24 16 00-0066	EA	Pressure Operated Actuator	136.20	17.51
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	220.52	28.35
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	224.84	28.93
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	55.13	7.07
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	636.31	81.77
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	136.20	17.51
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	136.20	17.51
21 24 16 00-0073	EA	Check Valve	112.98	20.81
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	61.62	7.93
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	26.82	3.45
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	7.05	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	140.53	18.10
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	64.42	8.32
21 24 16 00-0079	EA	Nozzles; DM And LPF	71.78	9.19
21 24 16 00-0080	EA	Swivel Adapter	45.40	5.81
21 24 16 00-0081	EA	Corner Pulley	19.45	2.52
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.83	0.29
21 24 16 00-0083	EA	Cable Crimp Sleeve	1.01	0.29
21 24 16 00-0084	EA	"S" Hook	0.80	0.19
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	67.00	8.61
21 24 16 00-0086	EA	Cable Clamp	5.97	0.78
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.81	0.19
21 24 16 00-0088	EA	3/8" Cable Anchor	70.80	9.09
21 24 16 00-0089	EA	1/2" Cable Anchor	70.80	9.09
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	114.53	14.71
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	122.22	15.68
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	143.19	18.39
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	44.87	5.81
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	188.00	24.09
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	143.19	18.39
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	170.71	21.97
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	30.69	3.97
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	34.07	4.36
21 24 16 00-0099	EA	Fusible Link 165F To 360F	11.15	1.45
21 24 16 00-0100	EA	Fusible Link 500F	17.82	1.45
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	34.07	4.36
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	24.83	4.36
21 24 16 00-0103	EA	Quartzoid Link 400 F	183.68	23.61
21 24 16 00-0104	EA	Quartzoid Link 500 F	183.68	23.61
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	65.84	8.42
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	114.53	14.71
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	68.07	8.71
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	117.97	15.19
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	86.43	11.13
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	124.69	15.97
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	365.20	46.93
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	164.23	21.09
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	164.23	21.09
21 24 16 00-0114	EA	Electric Manual Pull Station	119.93	15.38
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	66.99	8.61
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	95.09	12.19
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	7.70	0.97
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	34.07	4.36
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	34.07	4.36
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	125.33	16.06
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	138.30	17.80
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	3.50	1.26
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	17.29	2.23
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	185.83	23.90
21 24 16 00-0125	EA	Suppression Abort Station	196.65	25.25
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	229.06	29.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0127	EA	Surface Mount Back Box	75.63	9.68
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,404.59	180.27
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,404.59	180.27
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	116.69	15.00
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	4.46	0.68
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	1,015.57	
21 24 16 00-0133	EA	Extra Scorpio Key	17.29	
21 24 16 00-0134	EA	Extra Scorpio Manual	10.80	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	29.38	3.77
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	31.90	4.06
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	38.38	4.94
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	41.05	5.22
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	31.90	4.06
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	31.90	4.06
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	54.58	7.07
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	72.38	9.28
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	31.90	4.06
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	71.01	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	122.08	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	184.53	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	270.02	
21 24 16 00-0148	EA	Inlet Flushing Adapter	52.94	6.77
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	52.94	6.77
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	52.94	6.77
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	52.94	6.77
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	52.94	6.77
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	73.47	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	5.85	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	7.05	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	4.88	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	3.44	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	929.14	119.31
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	1,084.74	139.24
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,350.54	173.40
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,350.54	173.40
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,698.42	218.01
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	804.91	103.34
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	756.29	97.05
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	611.52	78.47
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,058.80	135.96
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	970.20	124.53

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA	20 HP Electric Fire Pump	55,697.49	1,932.75
		For Duplex Pumping System, Add	*53,764.75*	
21 31 13 00-0003	EA	30 HP Electric Fire Pump	65,034.56	2,174.34
		For Duplex Pumping System, Add	*63,021.28*	
21 31 13 00-0004	EA	40 HP Electric Fire Pump	88,793.95	2,415.93
		For Duplex Pumping System, Add	*86,556.98*	
21 31 13 00-0005	EA	50 HP Electric Fire Pump	109,814.30	2,827.15
		For Duplex Pumping System, Add	*106,987.15*	
21 31 13 00-0006	EA	75 HP Electric Fire Pump	122,604.34	3,084.17
		For Duplex Pumping System, Add	*119,520.17*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	82,393.02	2,313.12
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	93,216.88	2,570.14
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	97,911.12	2,827.15
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	111,455.79	3,084.17
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	118,217.39	3,598.20
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	127,049.35	4,626.25
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	137,876.43	5,140.28
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	157,662.94	5,859.91
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	189,027.75	6,322.54
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	221,840.11	7,196.38
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	263,523.93	7,710.41
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	296,867.94	8,224.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001 Jockey Pumps *(21 34 13)*
Note: Includes pump and controller.

21 34 13 00-0002	EA	Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller	5,741.70	514.03

END OF SECTION 21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	41.33
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	42.93
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	47.19
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	50.30
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	54.39
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	69.27
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	87.65
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	101.48
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	116.23
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	65.59
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	69.03
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	76.41
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	83.97
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	92.50
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	119.40
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	144.11
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	163.59
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	185.32
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	93.52
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	97.13
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	107.32
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	117.71
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	132.89
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	162.18
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	189.35
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	227.88
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	281.18
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	288.13
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	308.93

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/Or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	55.02
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	18.61
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	26.90

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	37.40	
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	58.23	
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	38.80	
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	37.52	
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	44.44	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	34.84	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	107.34	
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	30.14	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	15.88	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	16.71	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	15.88	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	8.32	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8"	24.50	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2"	41.59	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	28.68	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	28.89	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	32.55	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	24.48	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover	18.92	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	35.52	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	6.76	
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	142.81	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	177.07	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	191.17	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	204.78	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	181.81	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	21.58	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	16.43	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	17.55	
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	95.83	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	94.10	
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	140.73	
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	55.05	
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	38.72	
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	9.91	
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	69.06	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	34.89	
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	38.73	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	24.21	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	32.25	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	36.90	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	27.00	
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	194.33	
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	244.35	
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	148.35	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for valves.

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0001		Cast Iron Cleanout With Plug And Cover *(22 05 76)* Note: For floor installation.		
22 05 76 00-0002		Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*		
22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	663.35	55.90
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	714.60	70.08
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	892.91	84.69
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,287.72	94.77
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,588.30	102.65
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0008		Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*		
22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	766.47	55.90
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	819.27	69.98
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	997.66	84.69
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,392.52	94.77
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,693.02	102.65
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0014		Wall Cover For Cleanout *(22 05 76)* Note: Cover and screw only.		
22 05 76 00-0015		Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)* Note: Cover and screw only.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	97.22	17.54
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	104.23	21.02
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	134.03	23.64
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	230.94	26.27
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	350.77	28.90
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0021		Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	509.90	17.54
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	735.90	18.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	786.36	19.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	879.56	22.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		Secured Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	519.24	17.54
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	749.66	18.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	801.07	19.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	895.99	22.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	503.55	17.54
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	698.10	18.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	991.61	19.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,200.87	22.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		Cast Iron Cleanout Tee *(22 05 76)*		
22 05 76 00-0037		Cast Iron Cleanout Tee And Round Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	477.91	55.90
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	544.34	69.98
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	712.61	84.69
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	1,730.51	102.65
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0042		Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	844.05	55.90
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	910.48	69.98
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,054.45	84.69
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,225.06	102.65
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0047		Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*		
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	391.66	45.70
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	438.24	49.91
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	584.32	65.67
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	884.44	77.76
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,520.26	91.93
22 05 76 00-0053		Removable Cleanout Plug *(22 05 76)*		
22 05 76 00-0054		Threaded Bronze Plugs *(22 05 76 00-0053)*		
22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	75.33	13.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	90.79	14.29
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	158.44	15.76
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	177.07	18.39
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	200.13	21.02
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	283.29	23.64
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	419.86	26.27
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	714.37	28.90
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	1,031.23	31.52
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0064		Threaded Brass Plugs *(22 05 76 00-0053)*		
22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	29.60	13.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	30.17	13.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	32.93	14.29
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	37.35	15.76
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	44.18	18.39
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	52.05	21.01
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	55.97	22.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	60.25	23.64
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	79.54	26.27
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	29.14	13.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	29.78	13.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	34.19	14.29
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	37.53	15.76
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	43.63	18.39
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	51.19	21.02
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	59.78	23.64
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	72.01	26.27
		For Plug Tapped For Center Screw, Add	*9.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 07 Plumbing Insulation (22)

22 07 16 Plumbing Equipment Insulation (22 07)

22 07 16 00-0001 Lavatory Insulation (22 07 16)

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	308.21	21.18

22 07 19 Plumbing Piping Insulation (22 07)

22 07 19 00-0001 Fiberglass (Glass Fiber) Pipe Insulation (22 07 19)

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.15	2.07
		For Single Layer Of Felt Finish, Add	*0.16*	
		For Work In Restricted Working Space, Add	*1.68*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.32	2.07
		For Single Layer Of Felt Finish, Add	*0.18*	
		For Work In Restricted Working Space, Add	*1.68*	
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.77	2.17
		For Single Layer Of Felt Finish, Add	*0.19*	
		For Work In Restricted Working Space, Add	*1.78*	
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.07	2.26
		For Single Layer Of Felt Finish, Add	*0.21*	
		For Work In Restricted Working Space, Add	*1.82*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.30	2.26
		For Single Layer Of Felt Finish, Add	*0.22*	
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.79	2.35
		For Single Layer Of Felt Finish, Add	*0.24*	
		For Work In Restricted Working Space, Add	*1.95*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.25	2.45
		For Single Layer Of Felt Finish, Add	*0.28*	
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.78	2.54
		For Single Layer Of Felt Finish, Add	*0.31*	
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.16	2.73
		For Single Layer Of Felt Finish, Add	*0.40*	
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.19	3.20
		For Single Layer Of Felt Finish, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.59*	

22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.57	2.82
		For Single Layer Of Felt Finish, Add	*0.19*	
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.84	2.82
		For Single Layer Of Felt Finish, Add	*0.22*	
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.99	2.82
		For Single Layer Of Felt Finish, Add	*0.22*	
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.38	2.91
		For Single Layer Of Felt Finish, Add	*0.25*	
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.68	2.91
		For Single Layer Of Felt Finish, Add	*0.27*	
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.13	3.02
		For Single Layer Of Felt Finish, Add	*0.30*	
		For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.76	3.20
		For Single Layer Of Felt Finish, Add	*0.33*	
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.39	3.30
		For Single Layer Of Felt Finish, Add	*0.37*	
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.08	3.48
		For Single Layer Of Felt Finish, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.33	4.04
		For Single Layer Of Felt Finish, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.30	4.52
		For Single Layer Of Felt Finish, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.70*	
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.87	5.37
		For Single Layer Of Felt Finish, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.37*	
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.37	6.12
		For Single Layer Of Felt Finish, Add	*1.11*	
		For Work In Restricted Working Space, Add	*5.04*	
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.66	6.69
		For Single Layer Of Felt Finish, Add	*1.29*	
		For Work In Restricted Working Space, Add	*5.22*	

22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.79	2.90
		For Single Layer Of Felt Finish, Add	*0.39*	
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.95	2.90
		For Single Layer Of Felt Finish, Add	*0.41*	
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.62	3.08
		For Single Layer Of Felt Finish, Add	*0.43*	
		For Work In Restricted Working Space, Add	*2.56*	
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.09	3.15
		For Single Layer Of Felt Finish, Add	*0.46*	
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.49	3.20
		For Single Layer Of Felt Finish, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.41	3.37
		For Single Layer Of Felt Finish, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.07	3.43
		For Single Layer Of Felt Finish, Add	*0.58*	
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.55	3.55
		For Single Layer Of Felt Finish, Add	*0.60*	
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.20	3.84
		For Single Layer Of Felt Finish, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.19*	
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.89	4.48
		For Single Layer Of Felt Finish, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.72*	
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.47	4.72
		For Single Layer Of Felt Finish, Add	*0.98*	
		For Work In Restricted Working Space, Add	*3.93*	
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.50	5.66
		For Single Layer Of Felt Finish, Add	*1.24*	
		For Work In Restricted Working Space, Add	*4.70*	
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.14	6.59
		For Single Layer Of Felt Finish, Add	*1.35*	
		For Work In Restricted Working Space, Add	*5.48*	
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.92	7.22
		For Single Layer Of Felt Finish, Add	*1.57*	
		For Work In Restricted Working Space, Add	*6.00*	

22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.69	3.20
		For Single Layer Of Felt Finish, Add	*0.61*	
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.89	3.20
		For Single Layer Of Felt Finish, Add	*0.63*	
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.43	3.30
		For Single Layer Of Felt Finish, Add	*0.68*	
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.90	3.30
		For Single Layer Of Felt Finish, Add	*0.72*	
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.40	3.39
		For Single Layer Of Felt Finish, Add	*0.76*	
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.01	3.48
		For Single Layer Of Felt Finish, Add	*0.79*	
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.91	3.58
		For Single Layer Of Felt Finish, Add	*0.85*	
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.88	3.76
		For Single Layer Of Felt Finish, Add	*0.91*	
		For Work In Restricted Working Space, Add	*3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.70	3.95
		For Single Layer Of Felt Finish, Add	*1.04*	
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.45	4.64
		For Single Layer Of Felt Finish, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.87*	
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.90	4.90
		For Single Layer Of Felt Finish, Add	*1.50*	
		For Work In Restricted Working Space, Add	*4.08*	
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.39	5.86
		For Single Layer Of Felt Finish, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.89*	
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	38.29	7.03
		For Single Layer Of Felt Finish, Add	*1.97*	
		For Work In Restricted Working Space, Add	*5.86*	
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	48.46	7.67
		For Single Layer Of Felt Finish, Add	*2.23*	
		For Work In Restricted Working Space, Add	*8.17*	
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	51.40	8.99
		For Single Layer Of Felt Finish, Add	*2.54*	
		For Work In Restricted Working Space, Add	*8.17*	
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	57.30	9.44
		For Single Layer Of Felt Finish, Add	*3.01*	
		For Work In Restricted Working Space, Add	*8.58*	
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	64.90	10.78
		For Single Layer Of Felt Finish, Add	*3.38*	
		For Work In Restricted Working Space, Add	*9.81*	
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.20	13.04
		For Single Layer Of Felt Finish, Add	*3.75*	
		For Work In Restricted Working Space, Add	*11.85*	
22 07 19 00-0062		2-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0061)*		
22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.33	3.76
		For Single Layer Of Felt Finish, Add	*0.85*	
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.61	3.76
		For Single Layer Of Felt Finish, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.38	3.76
		For Single Layer Of Felt Finish, Add	*0.95*	
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.96	3.86
		For Single Layer Of Felt Finish, Add	*1.00*	
		For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.57	3.86
		For Single Layer Of Felt Finish, Add	*1.05*	
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.42	4.04
		For Single Layer Of Felt Finish, Add	*1.10*	
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.66	4.14
		For Single Layer Of Felt Finish, Add	*1.19*	
		For Work In Restricted Working Space, Add	*3.40*	
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.79	4.33
		For Single Layer Of Felt Finish, Add	*1.27*	
		For Work In Restricted Working Space, Add	*3.52*	
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.41	4.52
		For Single Layer Of Felt Finish, Add	*1.47*	
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.29	4.80
		For Single Layer Of Felt Finish, Add	*1.70*	
		For Work In Restricted Working Space, Add	*4.22*	
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.91	5.74
		For Single Layer Of Felt Finish, Add	*2.65*	
		For Work In Restricted Working Space, Add	*4.70*	
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	48.97	6.59
		For Single Layer Of Felt Finish, Add	*3.24*	
		For Work In Restricted Working Space, Add	*5.43*	
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.36	8.19
		For Single Layer Of Felt Finish, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.74*	
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.74	9.04
		For Single Layer Of Felt Finish, Add	*4.01*	
		For Work In Restricted Working Space, Add	*7.37*	
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	73.46	11.49
		For Single Layer Of Felt Finish, Add	*4.42*	
		For Work In Restricted Working Space, Add	*9.41*	
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	79.12	12.05
		For Single Layer Of Felt Finish, Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.88*	
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	89.75	13.75
		For Single Layer Of Felt Finish, Add	*5.47*	
		For Work In Restricted Working Space, Add	*11.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	105.38	16.60
		For Single Layer Of Felt Finish, Add	*6.29*	
		For Work In Restricted Working Space, Add	*13.64*	
22 07 19 00-0081		**3" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.21	4.16
		For Single Layer Of Felt Finish, Add	*0.94*	
		For Work In Restricted Working Space, Add	*3.39*	
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.52	4.16
		For Single Layer Of Felt Finish, Add	*0.97*	
		For Work In Restricted Working Space, Add	*3.39*	
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.31	4.20
		For Single Layer Of Felt Finish, Add	*1.04*	
		For Work In Restricted Working Space, Add	*3.43*	
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.93	4.23
		For Single Layer Of Felt Finish, Add	*1.10*	
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.64	4.28
		For Single Layer Of Felt Finish, Add	*1.16*	
		For Work In Restricted Working Space, Add	*3.49*	
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.53	4.44
		For Single Layer Of Felt Finish, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.62*	
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.89	4.58
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*3.74*	
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.12	4.75
		For Single Layer Of Felt Finish, Add	*1.39*	
		For Work In Restricted Working Space, Add	*3.87*	
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.01	5.01
		For Single Layer Of Felt Finish, Add	*1.62*	
		For Work In Restricted Working Space, Add	*4.09*	
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.27	5.70
		For Single Layer Of Felt Finish, Add	*1.87*	
		For Work In Restricted Working Space, Add	*4.64*	
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.94	6.34
		For Single Layer Of Felt Finish, Add	*2.91*	
		For Work In Restricted Working Space, Add	*5.18*	
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	53.79	7.32
		For Single Layer Of Felt Finish, Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.97*	
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	60.83	9.10
		For Single Layer Of Felt Finish, Add	*3.79*	
		For Work In Restricted Working Space, Add	*7.42*	
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	68.92	9.94
		For Single Layer Of Felt Finish, Add	*4.40*	
		For Work In Restricted Working Space, Add	*8.10*	
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	80.69	12.70
		For Single Layer Of Felt Finish, Add	*4.85*	
		For Work In Restricted Working Space, Add	*10.35*	
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	86.91	13.33
		For Single Layer Of Felt Finish, Add	*5.32*	
		For Work In Restricted Working Space, Add	*10.87*	
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	98.61	15.25
		For Single Layer Of Felt Finish, Add	*6.00*	
		For Work In Restricted Working Space, Add	*12.43*	
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	115.77	18.40
		For Single Layer Of Felt Finish, Add	*6.90*	
		For Work In Restricted Working Space, Add	*15.01*	
22 07 19 00-0100		**3-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.76	4.52
		For Single Layer Of Felt Finish, Add	*0.98*	
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.12	4.52
		For Single Layer Of Felt Finish, Add	*1.02*	
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.28	4.52
		For Single Layer Of Felt Finish, Add	*1.14*	
		For Work In Restricted Working Space, Add	*3.74*	
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.95	4.61
		For Single Layer Of Felt Finish, Add	*1.20*	
		For Work In Restricted Working Space, Add	*3.76*	
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.75	4.61
		For Single Layer Of Felt Finish, Add	*1.27*	
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.67	4.80
		For Single Layer Of Felt Finish, Add	*1.32*	
		For Work In Restricted Working Space, Add	*3.94*	
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.16	4.99
		For Single Layer Of Felt Finish, Add	*1.42*	
		For Work In Restricted Working Space, Add	*4.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.42	5.17
		For Single Layer Of Felt Finish, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.22*	
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.71	5.46
		For Single Layer Of Felt Finish, Add	*1.77*	
		For Work In Restricted Working Space, Add	*4.46*	
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.33	6.21
		For Single Layer Of Felt Finish, Add	*2.04*	
		For Work In Restricted Working Space, Add	*5.06*	
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	49.07	6.87
		For Single Layer Of Felt Finish, Add	*3.18*	
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	58.75	7.91
		For Single Layer Of Felt Finish, Add	*3.89*	
		For Work In Restricted Working Space, Add	*6.51*	
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	66.43	9.88
		For Single Layer Of Felt Finish, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.09*	
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.31	10.82
		For Single Layer Of Felt Finish, Add	*4.81*	
		For Work In Restricted Working Space, Add	*8.84*	
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	88.17	13.75
		For Single Layer Of Felt Finish, Add	*5.30*	
		For Work In Restricted Working Space, Add	*11.30*	
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	94.93	14.49
		For Single Layer Of Felt Finish, Add	*5.82*	
		For Work In Restricted Working Space, Add	*11.86*	
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	107.75	16.56
		For Single Layer Of Felt Finish, Add	*6.57*	
		For Work In Restricted Working Space, Add	*13.56*	
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	126.47	19.95
		For Single Layer Of Felt Finish, Add	*7.55*	
		For Work In Restricted Working Space, Add	*16.38*	
22 07 19 00-0119		**4" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.71	5.08
		For Single Layer Of Felt Finish, Add	*1.15*	
		For Work In Restricted Working Space, Add	*4.13*	
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.10	5.08
		For Single Layer Of Felt Finish, Add	*1.19*	
		For Work In Restricted Working Space, Add	*4.13*	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.15	5.08
		For Single Layer Of Felt Finish, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.20*	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.00	5.17
		For Single Layer Of Felt Finish, Add	*1.35*	
		For Work In Restricted Working Space, Add	*4.25*	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.14	5.37
		For Single Layer Of Felt Finish, Add	*1.42*	
		For Work In Restricted Working Space, Add	*4.38*	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.18	5.56
		For Single Layer Of Felt Finish, Add	*1.48*	
		For Work In Restricted Working Space, Add	*4.52*	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.55	5.56
		For Single Layer Of Felt Finish, Add	*1.60*	
		For Work In Restricted Working Space, Add	*4.58*	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.11	5.84
		For Single Layer Of Felt Finish, Add	*1.71*	
		For Work In Restricted Working Space, Add	*4.75*	
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.64	6.12
		For Single Layer Of Felt Finish, Add	*1.99*	
		For Work In Restricted Working Space, Add	*5.02*	
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.86	6.97
		For Single Layer Of Felt Finish, Add	*2.30*	
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.21	7.53
		For Single Layer Of Felt Finish, Add	*3.58*	
		For Work In Restricted Working Space, Add	*6.35*	
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	66.11	8.95
		For Single Layer Of Felt Finish, Add	*4.38*	
		For Work In Restricted Working Space, Add	*7.33*	
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	74.76	11.10
		For Single Layer Of Felt Finish, Add	*4.66*	
		For Work In Restricted Working Space, Add	*9.11*	
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	84.74	12.14
		For Single Layer Of Felt Finish, Add	*5.42*	
		For Work In Restricted Working Space, Add	*9.95*	
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	99.22	15.53
		For Single Layer Of Felt Finish, Add	*5.97*	
		For Work In Restricted Working Space, Add	*12.72*	
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	106.76	16.28
		For Single Layer Of Felt Finish, Add	*6.55*	
		For Work In Restricted Working Space, Add	*13.33*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	119.58	18.64
		For Single Layer Of Felt Finish, Add	*7.22*	
		For Work In Restricted Working Space, Add	*15.25*	
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	142.30	22.49
		For Single Layer Of Felt Finish, Add	*8.49*	
		For Work In Restricted Working Space, Add	*18.43*	
22 07 19 00-0138	LF	26" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	162.13	26.54
		For Single Layer Of Felt Finish, Add	*9.42*	
		For Work In Restricted Working Space, Add	*21.72*	
22 07 19 00-0139	LF	28" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	182.19	31.24
		For Single Layer Of Felt Finish, Add	*10.18*	
		For Work In Restricted Working Space, Add	*25.58*	
22 07 19 00-0140	LF	30" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	204.71	36.89
		For Single Layer Of Felt Finish, Add	*10.89*	
		For Work In Restricted Working Space, Add	*30.29*	
22 07 19 00-0141	LF	36" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	246.25	46.90
		For Single Layer Of Felt Finish, Add	*12.37*	
		For Work In Restricted Working Space, Add	*38.52*	
22 07 19 00-0142	LF	42" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	287.79	57.13
		For Single Layer Of Felt Finish, Add	*13.86*	
		For Work In Restricted Working Space, Add	*46.75*	
22 07 19 00-0143	LF	44" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	308.81	62.78
		For Single Layer Of Felt Finish, Add	*14.39*	
		For Work In Restricted Working Space, Add	*51.53*	
22 07 19 00-0144	LF	46" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	327.84	67.58
		For Single Layer Of Felt Finish, Add	*14.97*	
		For Work In Restricted Working Space, Add	*55.58*	

22 07 19 00-0145 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0146 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0147	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.74	4.59
		For Work In Restricted Working Space, Add	*4.17*	
22 07 19 00-0148	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	17.46	4.59
		For Work In Restricted Working Space, Add	*4.17*	
22 07 19 00-0149	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	18.39	4.66
		For Work In Restricted Working Space, Add	*4.23*	
22 07 19 00-0150	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	18.83	4.72
		For Work In Restricted Working Space, Add	*4.29*	
22 07 19 00-0151	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.52	4.79
		For Work In Restricted Working Space, Add	*4.36*	
22 07 19 00-0152	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	20.84	4.92
		For Work In Restricted Working Space, Add	*4.48*	
22 07 19 00-0153	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	22.49	5.13
		For Work In Restricted Working Space, Add	*4.66*	
22 07 19 00-0154	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	24.29	5.26
		For Work In Restricted Working Space, Add	*4.78*	
22 07 19 00-0155	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	28.15	5.66
		For Work In Restricted Working Space, Add	*5.14*	
22 07 19 00-0156	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	35.99	6.38
		For Work In Restricted Working Space, Add	*5.81*	

22 07 19 00-0157 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0158	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	19.93	5.09
		For Work In Restricted Working Space, Add	*4.48*	
22 07 19 00-0159	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.38	5.09
		For Work In Restricted Working Space, Add	*4.48*	
22 07 19 00-0160	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	21.04	5.15
		For Work In Restricted Working Space, Add	*4.54*	
22 07 19 00-0161	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	21.56	5.22
		For Work In Restricted Working Space, Add	*4.60*	
22 07 19 00-0162	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.05	5.29
		For Work In Restricted Working Space, Add	*4.66*	
22 07 19 00-0163	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.97	5.47
		For Work In Restricted Working Space, Add	*4.81*	
22 07 19 00-0164	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.23	5.68
		For Work In Restricted Working Space, Add	*5.00*	
22 07 19 00-0165	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.14	5.85
		For Work In Restricted Working Space, Add	*5.14*	
22 07 19 00-0166	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	34.21	6.22
		For Work In Restricted Working Space, Add	*5.48*	
22 07 19 00-0167	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	40.34	7.05
		For Work In Restricted Working Space, Add	*6.20*	
22 07 19 00-0168	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	45.13	7.86
		For Work In Restricted Working Space, Add	*6.92*	
22 07 19 00-0169	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	54.83	9.07
		For Work In Restricted Working Space, Add	*7.97*	
22 07 19 00-0170	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	64.97	11.26
		For Work In Restricted Working Space, Add	*9.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0171	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	72.24	11.85
		For Work In Restricted Working Space, Add	*10.77*	
22 07 19 00-0172	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	79.50	13.23
		For Work In Restricted Working Space, Add	*12.03*	
22 07 19 00-0173	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	89.96	15.65
		For Work In Restricted Working Space, Add	*14.23*	
22 07 19 00-0174	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	100.52	17.33
		For Work In Restricted Working Space, Add	*15.75*	
22 07 19 00-0175	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	126.03	19.20
		For Work In Restricted Working Space, Add	*17.45*	
22 07 19 00-0176		**2" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0177	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	22.46	5.26
		For Work In Restricted Working Space, Add	*4.78*	
22 07 19 00-0178	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	23.17	5.26
		For Work In Restricted Working Space, Add	*4.78*	
22 07 19 00-0179	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	24.07	5.31
		For Work In Restricted Working Space, Add	*4.84*	
22 07 19 00-0180	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	25.37	5.40
		For Work In Restricted Working Space, Add	*4.90*	
22 07 19 00-0181	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	26.70	5.46
		For Work In Restricted Working Space, Add	*4.96*	
22 07 19 00-0182	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	29.93	5.66
		For Work In Restricted Working Space, Add	*5.14*	
22 07 19 00-0183	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	31.41	5.86
		For Work In Restricted Working Space, Add	*5.33*	
22 07 19 00-0184	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	33.76	6.05
		For Work In Restricted Working Space, Add	*5.50*	
22 07 19 00-0185	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	38.11	6.39
		For Work In Restricted Working Space, Add	*5.81*	
22 07 19 00-0186	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	45.66	7.26
		For Work In Restricted Working Space, Add	*6.59*	
22 07 19 00-0187	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	50.83	8.10
		For Work In Restricted Working Space, Add	*7.36*	
22 07 19 00-0188	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	61.98	9.33
		For Work In Restricted Working Space, Add	*8.48*	
22 07 19 00-0189	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	76.77	11.60
		For Work In Restricted Working Space, Add	*10.54*	
22 07 19 00-0190	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	81.95	12.66
		For Work In Restricted Working Space, Add	*11.51*	
22 07 19 00-0191	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	96.60	16.18
		For Work In Restricted Working Space, Add	*14.71*	
22 07 19 00-0192	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	105.47	16.98
		For Work In Restricted Working Space, Add	*15.44*	
22 07 19 00-0193	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	116.54	19.41
		For Work In Restricted Working Space, Add	*17.65*	
22 07 19 00-0194	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	146.38	23.46
		For Work In Restricted Working Space, Add	*21.33*	
22 07 19 00-0195		**2-1/2" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0196	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	27.44	5.71
		For Work In Restricted Working Space, Add	*5.18*	
22 07 19 00-0197	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	28.64	5.70
		For Work In Restricted Working Space, Add	*5.18*	
22 07 19 00-0198	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	30.12	5.79
		For Work In Restricted Working Space, Add	*5.27*	
22 07 19 00-0199	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	31.46	5.84
		For Work In Restricted Working Space, Add	*5.30*	
22 07 19 00-0200	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	32.81	5.88
		For Work In Restricted Working Space, Add	*5.35*	
22 07 19 00-0201	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.21	6.12
		For Work In Restricted Working Space, Add	*5.57*	
22 07 19 00-0202	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.51	6.33
		For Work In Restricted Working Space, Add	*5.76*	
22 07 19 00-0203	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.82	6.56
		For Work In Restricted Working Space, Add	*5.96*	
22 07 19 00-0204	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	45.85	6.91
		For Work In Restricted Working Space, Add	*6.28*	
22 07 19 00-0205	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	54.93	7.86
		For Work In Restricted Working Space, Add	*7.14*	
22 07 19 00-0206	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	61.20	8.76
		For Work In Restricted Working Space, Add	*7.97*	
22 07 19 00-0207	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	69.80	10.09
		For Work In Restricted Working Space, Add	*9.18*	
22 07 19 00-0208	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	86.92	12.56
		For Work In Restricted Working Space, Add	*11.41*	
22 07 19 00-0209	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	90.48	13.71
		For Work In Restricted Working Space, Add	*12.46*	
22 07 19 00-0210	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	106.34	17.52
		For Work In Restricted Working Space, Add	*15.92*	
22 07 19 00-0211	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	115.80	18.39
		For Work In Restricted Working Space, Add	*16.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0212	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	133.17	21.02
		For Work In Restricted Working Space, Add	*19.11*	
22 07 19 00-0213	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	167.03	25.40
		For Work In Restricted Working Space, Add	*23.09*	
22 07 19 00-0214		**3" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0215	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	33.37	6.06
		For Work In Restricted Working Space, Add	*5.51*	
22 07 19 00-0216	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	34.09	6.06
		For Work In Restricted Working Space, Add	*5.51*	
22 07 19 00-0217	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	35.12	6.16
		For Work In Restricted Working Space, Add	*5.60*	
22 07 19 00-0218	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	35.97	6.20
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0219	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	36.86	6.26
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0220	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	39.66	6.51
		For Work In Restricted Working Space, Add	*5.92*	
22 07 19 00-0221	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	42.36	6.74
		For Work In Restricted Working Space, Add	*6.12*	
22 07 19 00-0222	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	48.31	6.98
		For Work In Restricted Working Space, Add	*6.34*	
22 07 19 00-0223	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	55.31	7.35
		For Work In Restricted Working Space, Add	*6.68*	
22 07 19 00-0224	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	60.47	8.36
		For Work In Restricted Working Space, Add	*7.60*	
22 07 19 00-0225	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	68.35	9.32
		For Work In Restricted Working Space, Add	*8.48*	
22 07 19 00-0226	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	81.64	10.75
		For Work In Restricted Working Space, Add	*9.77*	
22 07 19 00-0227	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	94.58	13.35
		For Work In Restricted Working Space, Add	*12.14*	
22 07 19 00-0228	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	101.18	14.58
		For Work In Restricted Working Space, Add	*13.25*	
22 07 19 00-0229	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	120.44	18.64
		For Work In Restricted Working Space, Add	*16.94*	
22 07 19 00-0230	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	129.04	19.56
		For Work In Restricted Working Space, Add	*17.79*	
22 07 19 00-0231	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	151.39	22.36
		For Work In Restricted Working Space, Add	*20.33*	
22 07 19 00-0232	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	185.18	27.02
		For Work In Restricted Working Space, Add	*24.56*	
22 07 19 00-0233		**3-1/2" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0234	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	40.18	7.35
		For Work In Restricted Working Space, Add	*6.68*	
22 07 19 00-0235	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	41.08	7.35
		For Work In Restricted Working Space, Add	*6.68*	
22 07 19 00-0236	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	42.14	7.40
		For Work In Restricted Working Space, Add	*6.73*	
22 07 19 00-0237	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	43.18	7.44
		For Work In Restricted Working Space, Add	*6.77*	
22 07 19 00-0238	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	44.37	7.54
		For Work In Restricted Working Space, Add	*6.86*	
22 07 19 00-0239	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	48.97	7.81
		For Work In Restricted Working Space, Add	*7.09*	
22 07 19 00-0240	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.62	8.08
		For Work In Restricted Working Space, Add	*7.34*	
22 07 19 00-0241	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	56.69	8.36
		For Work In Restricted Working Space, Add	*7.60*	
22 07 19 00-0242	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	60.75	8.83
		For Work In Restricted Working Space, Add	*8.03*	
22 07 19 00-0243	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	69.98	10.03
		For Work In Restricted Working Space, Add	*9.12*	
22 07 19 00-0244	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	79.64	11.17
		For Work In Restricted Working Space, Add	*10.16*	
22 07 19 00-0245	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	95.41	12.90
		For Work In Restricted Working Space, Add	*11.72*	
22 07 19 00-0246	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	112.49	16.02
		For Work In Restricted Working Space, Add	*14.57*	
22 07 19 00-0247	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	117.09	17.50
		For Work In Restricted Working Space, Add	*15.91*	
22 07 19 00-0248	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	139.91	22.36
		For Work In Restricted Working Space, Add	*20.33*	
22 07 19 00-0249	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	154.13	23.48
		For Work In Restricted Working Space, Add	*21.35*	
22 07 19 00-0250	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	175.44	26.86
		For Work In Restricted Working Space, Add	*24.41*	
22 07 19 00-0251	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	215.62	32.42
		For Work In Restricted Working Space, Add	*29.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0252		**4" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0253	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	48.89	9.04
		For Work In Restricted Working Space, Add	*8.21*	
22 07 19 00-0254	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	50.06	9.04
		For Work In Restricted Working Space, Add	*8.21*	
22 07 19 00-0255	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	51.69	9.19
		For Work In Restricted Working Space, Add	*8.35*	
22 07 19 00-0256	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	53.19	9.30
		For Work In Restricted Working Space, Add	*8.45*	
22 07 19 00-0257	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	55.24	9.59
		For Work In Restricted Working Space, Add	*8.72*	
22 07 19 00-0258	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	59.83	9.88
		For Work In Restricted Working Space, Add	*8.99*	
22 07 19 00-0259	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	63.98	10.04
		For Work In Restricted Working Space, Add	*9.13*	
22 07 19 00-0260	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	67.22	10.41
		For Work In Restricted Working Space, Add	*9.46*	
22 07 19 00-0261	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	73.39	11.61
		For Work In Restricted Working Space, Add	*10.55*	
22 07 19 00-0262	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	85.22	12.46
		For Work In Restricted Working Space, Add	*11.33*	
22 07 19 00-0263	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	96.41	13.51
		For Work In Restricted Working Space, Add	*12.29*	
22 07 19 00-0264	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	110.22	16.06
		For Work In Restricted Working Space, Add	*14.60*	
22 07 19 00-0265	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	128.35	19.95
		For Work In Restricted Working Space, Add	*18.13*	
22 07 19 00-0266	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	139.54	21.78
		For Work In Restricted Working Space, Add	*19.81*	
22 07 19 00-0267	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	164.93	27.84
		For Work In Restricted Working Space, Add	*25.32*	
22 07 19 00-0268	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	184.13	29.19
		For Work In Restricted Working Space, Add	*26.53*	
22 07 19 00-0269	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	206.16	33.40
		For Work In Restricted Working Space, Add	*30.37*	
22 07 19 00-0270	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	262.19	40.36
		For Work In Restricted Working Space, Add	*36.69*	
22 07 19 00-0271		**Flexible Polyethylene Tubing Closed Cell Foam Insulation** *(22 07 19)*		
		Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0272		**3/8" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0271)*		
22 07 19 00-0273	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.13	2.81
		For Work In Restricted Working Space, Add	*1.69*	
22 07 19 00-0274	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.14	2.81
		For Work In Restricted Working Space, Add	*1.70*	
22 07 19 00-0275	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.41	2.91
		For Work In Restricted Working Space, Add	*1.75*	
22 07 19 00-0276	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.67	3.02
		For Work In Restricted Working Space, Add	*1.81*	
22 07 19 00-0277	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.96	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0278	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.29	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0279	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.43	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0280	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.83	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0281	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.59	3.21
		For Work In Restricted Working Space, Add	*1.94*	
22 07 19 00-0282	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.91	3.27
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0283		**1/2" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0271)*		
22 07 19 00-0284	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.85	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0285	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.93	3.07
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0286	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.06	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0287	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.21	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0288	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.63	3.21
		For Work In Restricted Working Space, Add	*1.93*	
22 07 19 00-0289	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.99	3.27
		For Work In Restricted Working Space, Add	*1.96*	
22 07 19 00-0290	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.41	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0291	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.91	3.36
		For Work In Restricted Working Space, Add	*2.02*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0292	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.79	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0293	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.72	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0294	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.62	3.56
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0295	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.13	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0296		3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0271)*		
22 07 19 00-0297	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.69	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0298	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.78	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0299	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.36	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0300	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.61	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0301	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.34	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0302	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.11	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0303	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.46	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0304	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.91	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0305	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.89	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0306	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.98	3.86
		For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0307	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.42	3.90
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0308	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.00	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0309		1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0271)*		
22 07 19 00-0310	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.82	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0311	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.07	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0312	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.92	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0313	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.16	3.86
		For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0314	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.46	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0315	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.08	4.05
		For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0316	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.32	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0317	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.59	4.15
		For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0318	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.47	4.26
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0319	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.25	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0320		Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*		
		Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0321		3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*		
22 07 19 00-0322	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.44	2.81
		For Work In Restricted Working Space, Add	*1.69*	
22 07 19 00-0323	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.57	2.81
		For Work In Restricted Working Space, Add	*1.70*	
22 07 19 00-0324	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.84	2.91
		For Work In Restricted Working Space, Add	*1.75*	
22 07 19 00-0325	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.01	2.96
		For Work In Restricted Working Space, Add	*1.78*	
22 07 19 00-0326	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.19	3.02
		For Work In Restricted Working Space, Add	*1.81*	
22 07 19 00-0327	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.44	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0328	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.66	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0329	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.90	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0330	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.10	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0331	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.31	3.17
		For Work In Restricted Working Space, Add	*1.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0332	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.60	3.21
		For Work In Restricted Working Space, Add	*1.93*	
22 07 19 00-0333	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.87	3.21
		For Work In Restricted Working Space, Add	*1.94*	
22 07 19 00-0334	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.05	3.27
		For Work In Restricted Working Space, Add	*1.96*	
22 07 19 00-0335	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.32	3.27
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0336	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.93	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0337	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.62	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0338	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.40	3.38
		For Work In Restricted Working Space, Add	*2.03*	

22 07 19 00-0339 1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*

22 07 19 00-0340	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.34	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0341	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.45	3.07
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0342	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.58	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0343	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.77	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0344	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.91	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0345	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.26	3.21
		For Work In Restricted Working Space, Add	*1.93*	
22 07 19 00-0346	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.62	3.27
		For Work In Restricted Working Space, Add	*1.96*	
22 07 19 00-0347	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.92	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0348	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.24	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0349	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.49	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0350	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.50	3.42
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-0351	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.09	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0352	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.55	3.49
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0353	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.92	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0354	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.20	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0355	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.44	3.56
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0356	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.59	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0357	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.85	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0358	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.99	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0359	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.30	3.75
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0360	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.76	3.86
		For Work In Restricted Working Space, Add	*2.31*	

22 07 19 00-0361 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*

22 07 19 00-0362	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.57	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0363	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.83	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0364	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.22	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0365	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.47	3.49
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0366	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.56	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0367	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.15	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0368	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.64	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0369	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.11	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0370	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.25	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0371	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.44	3.73
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0372	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.03	3.75
		For Work In Restricted Working Space, Add	*2.26*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0373		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.33	3.80
			For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0374		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.01	3.83
			For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0375		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.47	3.86
			For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0376		LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.19	3.88
			For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0377		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.46	3.90
			For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0378		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.53	3.95
			For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0379		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.39	3.98
			For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0380		LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.84	4.00
			For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0381		LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.37	4.05
			For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0382		LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.19	4.15
			For Work In Restricted Working Space, Add	*2.49*	

22 07 19 00-0383 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*

22 07 19 00-0384		LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.15	3.65
			For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0385		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.49	3.71
			For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0386		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.90	3.80
			For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0387		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.28	3.83
			For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0388		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.60	3.86
			For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0389		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.14	3.95
			For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0390		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.02	4.05
			For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0391		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.46	4.05
			For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0392		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.06	4.10
			For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0393		LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.28	4.15
			For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0394		LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.60	4.21
			For Work In Restricted Working Space, Add	*2.52*	
22 07 19 00-0395		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.64	4.26
			For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0396		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.95	4.29
			For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0397		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.33	4.30
			For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0398		LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.02	4.33
			For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0399		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.34	4.35
			For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0400		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.85	4.45
			For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0401		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.55	4.50
			For Work In Restricted Working Space, Add	*2.70*	
22 07 19 00-0402		LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.08	4.55
			For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0403		LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.72	4.65
			For Work In Restricted Working Space, Add	*2.79*	

22 07 19 00-0404 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*

22 07 19 00-0405		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.27	4.09
			For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0406		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.69	4.18
			For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0407		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.07	4.21
			For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0408		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.45	4.25
			For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0409		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.96	4.34
			For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0410		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.78	4.50
			For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0411		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.02	4.44
			For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0412		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.09	4.54
			For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0413		LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.73	4.65
			For Work In Restricted Working Space, Add	*2.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0414	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.80	4.71
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0415	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.77	4.76
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0416	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.69	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0417	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.61	4.79
		For Work In Restricted Working Space, Add	*2.88*	
22 07 19 00-0418	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.69	4.82
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0419	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.36	4.84
		For Work In Restricted Working Space, Add	*2.90*	
22 07 19 00-0420	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.00	5.01
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0421	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.97	5.09
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0422	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.75	5.16
		For Work In Restricted Working Space, Add	*3.10*	
22 07 19 00-0423	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	44.46	5.32
		For Work In Restricted Working Space, Add	*3.19*	

22 07 19 00-0424 2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0320)*

22 07 19 00-0425	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.26	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0426	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.27	4.58
		For Work In Restricted Working Space, Add	*2.77*	
22 07 19 00-0427	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.05	4.62
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0428	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.66	4.66
		For Work In Restricted Working Space, Add	*2.79*	
22 07 19 00-0429	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.13	4.75
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0430	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.88	4.98
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-0431	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.97	4.86
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0432	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.90	5.02
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0433	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.73	5.19
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-0434	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	36.98	5.26
		For Work In Restricted Working Space, Add	*3.15*	
22 07 19 00-0435	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.54	5.32
		For Work In Restricted Working Space, Add	*3.18*	
22 07 19 00-0436	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.84	5.33
		For Work In Restricted Working Space, Add	*3.20*	
22 07 19 00-0437	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.25	5.34
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0438	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.92	5.37
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0439	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.71	5.40
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0440	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	51.56	5.65
		For Work In Restricted Working Space, Add	*3.38*	
22 07 19 00-0441	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.97	5.76
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0442	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	55.95	5.87
		For Work In Restricted Working Space, Add	*3.53*	
22 07 19 00-0443	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	63.03	6.11
		For Work In Restricted Working Space, Add	*3.66*	

22 07 19 00-0444 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0445 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0444)*

22 07 19 00-0446	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.15	2.81
		For Work In Restricted Working Space, Add	*1.69*	
22 07 19 00-0447	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.23	2.81
		For Work In Restricted Working Space, Add	*1.70*	
22 07 19 00-0448	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.46	2.91
		For Work In Restricted Working Space, Add	*1.75*	
22 07 19 00-0449	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.74	3.02
		For Work In Restricted Working Space, Add	*1.81*	
22 07 19 00-0450	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.94	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0451	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.27	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0452	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.53	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0453	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.71	3.21
		For Work In Restricted Working Space, Add	*1.88*	

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22 07 19 00-0454	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.54	3.21
		For Work In Restricted Working Space, Add	*1.94*	
22 07 19 00-0455	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.29	3.27
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0456	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.21	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0457		1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0444)*		
22 07 19 00-0458	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.91	3.07
		For Work In Restricted Working Space, Add	*1.84*	
22 07 19 00-0459	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.98	3.07
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0460	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.13	3.12
		For Work In Restricted Working Space, Add	*1.87*	
22 07 19 00-0461	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.33	3.12
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0462	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.57	3.21
		For Work In Restricted Working Space, Add	*1.93*	
22 07 19 00-0463	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.95	3.27
		For Work In Restricted Working Space, Add	*1.96*	
22 07 19 00-0464	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.36	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0465	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.75	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0466	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.64	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0467	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.43	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0468	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.94	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0469		3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0444)*		
22 07 19 00-0470	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.80	3.31
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0471	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.08	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0472	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.42	3.46
		For Work In Restricted Working Space, Add	*2.08*	
22 07 19 00-0473	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.95	3.51
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0474	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.45	3.60
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0475	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.33	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0476	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.90	3.66
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0477	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.55	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0478	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.81	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0479	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.96	3.86
		For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0480	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.17	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0481		1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0444)*		
22 07 19 00-0482	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.36	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0483	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.50	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0484	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.84	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0485	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.62	3.86
		For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0486	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.27	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0487	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.93	4.05
		For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0488	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.57	4.05
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0489	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.03	4.15
		For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0490	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.98	4.26
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0491	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.37	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0492		Insulation Protective Jacketing *(22 07 19)*		
		Note: Jacketing only and to be added to insulation prices when required.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0493		Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0492)*		
22 07 19 00-0494		Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0493)*		
22 07 19 00-0495	SF	0.006" Aluminum Insulation Jacket With Bands	14.38	6.02
22 07 19 00-0496	SF	0.010" Aluminum Insulation Jacket With Bands	14.70	6.02
22 07 19 00-0497	SF	0.016" Aluminum Insulation Jacket With Bands	15.00	6.02
22 07 19 00-0498	SF	0.020" Aluminum Insulation Jacket With Bands	15.28	6.02
22 07 19 00-0499	SF	0.024" Aluminum Insulation Jacket With Bands	15.54	6.02
22 07 19 00-0500		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0493)*		
22 07 19 00-0501	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	7.23	1.71
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0502	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	7.50	1.75
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0503	LF	1" ID, 0.016" Aluminum Insulation Jacketing	7.77	1.80
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0504	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	8.06	1.84
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0505	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	8.28	1.87
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0506	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	8.50	1.90
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0507	LF	2" ID, 0.016" Aluminum Insulation Jacketing	8.77	1.93
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0508	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	9.06	1.97
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0509	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	9.34	2.02
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0510	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	9.59	2.05
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0511	LF	3" ID, 0.016" Aluminum Insulation Jacketing	9.90	2.09
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0512	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.19	2.14
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0513	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.51	2.19
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0514	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	10.79	2.23
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0515	LF	4" ID, 0.016" Aluminum Insulation Jacketing	11.11	2.28
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0516	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.44	2.34
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0517	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	11.81	2.40
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0518	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.11	2.44
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0519	LF	5" ID, 0.016" Aluminum Insulation Jacketing	12.47	2.51
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0520	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	12.88	2.58
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0521	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	13.20	2.63
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0522	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	13.63	2.71
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0523	LF	6" ID, 0.016" Aluminum Insulation Jacketing	14.06	2.79
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0524	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	14.35	2.83
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0525	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	14.63	2.87
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0526	LF	7" ID, 0.016" Aluminum Insulation Jacketing	15.11	2.94
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0527	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	15.51	3.02
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0528	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.81	3.06
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0529	LF	8" ID, 0.016" Aluminum Insulation Jacketing	16.24	3.12
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0530	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	16.68	3.17
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0531	LF	9" ID, 0.016" Aluminum Insulation Jacketing	17.22	3.25
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0532	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.69	3.30
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0533	LF	10" ID, 0.016" Aluminum Insulation Jacketing	18.15	3.36
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0534	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	18.62	3.42
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0535	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	19.23	3.52
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0536	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	19.74	3.59
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0537	LF	12" ID, 0.016" Aluminum Insulation Jacketing	20.24	3.65
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0538	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	20.90	3.76
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0539	LF	13" ID, 0.016" Aluminum Insulation Jacketing	21.28	3.80
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0540	LF	14" ID, 0.016" Aluminum Insulation Jacketing	21.90	3.84
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0541	LF	15" ID, 0.016" Aluminum Insulation Jacketing	22.66	3.92
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0542	LF	16" ID, 0.016" Aluminum Insulation Jacketing	23.30	3.96
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0543	LF	17" ID, 0.016" Aluminum Insulation Jacketing	24.10	4.04
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0544	LF	18" ID, 0.016" Aluminum Insulation Jacketing	24.58	4.09
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0545	LF	19" ID, 0.016" Aluminum Insulation Jacketing	25.54	4.19
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0546	LF	20" ID, 0.016" Aluminum Insulation Jacketing	26.19	4.23
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0547	LF	21" ID, 0.016" Aluminum Insulation Jacketing	27.03	4.33
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0548	LF	22" ID, 0.016" Aluminum Insulation Jacketing	27.68	4.38
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0549	LF	23" ID, 0.016" Aluminum Insulation Jacketing	28.57	4.48
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0550	LF	24" ID, 0.016" Aluminum Insulation Jacketing	29.23	4.54
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	

22 07 19 00-0551 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0493)*

22 07 19 00-0552	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	8.01	1.89
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0553	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	8.32	1.93
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0554	LF	1" ID, 0.020" Aluminum Insulation Jacketing	8.66	1.98
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0555	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	8.99	2.02
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0556	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	9.25	2.05
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0557	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	9.52	2.08
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0558	LF	2" ID, 0.020" Aluminum Insulation Jacketing	9.83	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0559	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.15	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0560	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	10.49	2.22
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0561	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	10.79	2.25
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0562	LF	3" ID, 0.020" Aluminum Insulation Jacketing	11.15	2.30
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0563	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.50	2.35
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0564	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	11.86	2.41
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0565	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.17	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0566	LF	4" ID, 0.020" Aluminum Insulation Jacketing	12.55	2.51
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0567	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	12.95	2.57
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0568	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.37	2.64
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0569	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	13.72	2.69
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0570	LF	5" ID, 0.020" Aluminum Insulation Jacketing	14.14	2.76
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0571	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	14.60	2.83
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0572	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	14.98	2.89
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0573	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	15.47	2.98
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0574	LF	6" ID, 0.020" Aluminum Insulation Jacketing	15.96	3.07
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0575	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	16.29	3.12
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0576	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.63	3.16
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0577	LF	7" ID, 0.020" Aluminum Insulation Jacketing	17.19	3.24
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0578	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.64	3.31
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0579	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	17.99	3.37
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0580	LF	8" ID, 0.020" Aluminum Insulation Jacketing	18.52	3.43
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0581	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	19.02	3.48
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0582	LF	9" ID, 0.020" Aluminum Insulation Jacketing	19.67	3.57
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0583	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.22	3.63
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0584	LF	10" ID, 0.020" Aluminum Insulation Jacketing	20.77	3.70
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0585	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	21.32	3.76
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0586	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	22.03	3.87
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0587	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	22.62	3.94
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0588	LF	12" ID, 0.020" Aluminum Insulation Jacketing	23.23	4.02
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0589	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	23.98	4.14
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0590	LF	13" ID, 0.020" Aluminum Insulation Jacketing	24.44	4.19
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0591	LF	14" ID, 0.020" Aluminum Insulation Jacketing	25.20	4.23
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0592	LF	15" ID, 0.020" Aluminum Insulation Jacketing	26.13	4.32
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0593	LF	16" ID, 0.020" Aluminum Insulation Jacketing	26.90	4.36
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0594	LF	17" ID, 0.020" Aluminum Insulation Jacketing	27.84	4.46
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0595	LF	18" ID, 0.020" Aluminum Insulation Jacketing	28.42	4.50
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0596	LF	19" ID, 0.020" Aluminum Insulation Jacketing	29.59	4.60
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0597	LF	20" ID, 0.020" Aluminum Insulation Jacketing	30.40	4.65
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0598	LF	21" ID, 0.020" Aluminum Insulation Jacketing	31.39	4.76
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0599	LF	22" ID, 0.020" Aluminum Insulation Jacketing	32.18	4.81
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0600	LF	23" ID, 0.020" Aluminum Insulation Jacketing	33.23	4.93
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0601	LF	24" ID, 0.020" Aluminum Insulation Jacketing	34.04	4.99
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	

22 07 19 00-0602 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0493)*

22 07 19 00-0603	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	8.79	2.06
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0604	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	9.15	2.10
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0605	LF	1" ID, 0.024" Aluminum Insulation Jacketing	9.52	2.15
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0606	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	9.90	2.21
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0607	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	10.21	2.24
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0608	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	10.51	2.27
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0609	LF	2" ID, 0.024" Aluminum Insulation Jacketing	10.87	2.32
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0610	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	11.23	2.37
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0611	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	11.62	2.42
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0612	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	11.96	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0613	LF	3" ID, 0.024" Aluminum Insulation Jacketing	12.36	2.51
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0614	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	12.77	2.57
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0615	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.18	2.62
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0616	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.53	2.67
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0617	LF	4" ID, 0.024" Aluminum Insulation Jacketing	13.96	2.73
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0618	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	14.40	2.80
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0619	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	14.88	2.87
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0620	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	15.29	2.93
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0621	LF	5" ID, 0.024" Aluminum Insulation Jacketing	15.77	3.02
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0622	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	16.26	3.10
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0623	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	16.70	3.16
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0624	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	17.25	3.25
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0625	LF	6" ID, 0.024" Aluminum Insulation Jacketing	17.80	3.35
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0626	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	18.17	3.40
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0627	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	18.56	3.45
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0628	LF	7" ID, 0.024" Aluminum Insulation Jacketing	19.20	3.53
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0629	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	19.70	3.61
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0630	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.11	3.67
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0631	LF	8" ID, 0.024" Aluminum Insulation Jacketing	20.72	3.73
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0632	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	21.30	3.79
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0633	LF	9" ID, 0.024" Aluminum Insulation Jacketing	22.03	3.89
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0634	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.66	3.96
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0635	LF	10" ID, 0.024" Aluminum Insulation Jacketing	23.29	4.03
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0636	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.93	4.10
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0637	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	24.73	4.23
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0638	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	25.40	4.31
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0639	LF	12" ID, 0.024" Aluminum Insulation Jacketing	26.09	4.39
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0640	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	26.95	4.52
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0641	LF	13" ID, 0.024" Aluminum Insulation Jacketing	27.48	4.56
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0642	LF	14" ID, 0.024" Aluminum Insulation Jacketing	28.37	4.61
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0643	LF	15" ID, 0.024" Aluminum Insulation Jacketing	29.44	4.71
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0644	LF	16" ID, 0.024" Aluminum Insulation Jacketing	30.34	4.76
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0645	LF	17" ID, 0.024" Aluminum Insulation Jacketing	31.43	4.86
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0646	LF	18" ID, 0.024" Aluminum Insulation Jacketing	32.12	4.91
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0647	LF	19" ID, 0.024" Aluminum Insulation Jacketing	33.47	5.02
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0648	LF	20" ID, 0.024" Aluminum Insulation Jacketing	34.40	5.07
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0649	LF	21" ID, 0.024" Aluminum Insulation Jacketing	35.55	5.19
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0650	LF	22" ID, 0.024" Aluminum Insulation Jacketing	36.48	5.25
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0651	LF	23" ID, 0.024" Aluminum Insulation Jacketing	37.68	5.38
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0652	LF	24" ID, 0.024" Aluminum Insulation Jacketing	38.62	5.45
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	

22 07 19 00-0653 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0493)*

22 07 19 00-0654	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	9.88	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0655	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	10.32	2.33
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0656	LF	1" ID, 0.032" Aluminum Insulation Jacketing	10.77	2.38
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0657	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	11.23	2.44
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0658	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	11.60	2.48
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0659	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	11.98	2.51
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0660	LF	2" ID, 0.032" Aluminum Insulation Jacketing	12.42	2.57
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0661	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	12.87	2.62
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0662	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	13.35	2.68
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0663	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	13.75	2.72
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0664	LF	3" ID, 0.032" Aluminum Insulation Jacketing	14.24	2.78
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0665	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	14.73	2.84
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0666	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	15.23	2.91
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0667	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	15.66	2.96
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0668	LF	4" ID, 0.032" Aluminum Insulation Jacketing	16.18	3.04
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0669	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	16.71	3.11
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0670	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	17.29	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0671	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	17.77	3.25
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0672	LF	5" ID, 0.032" Aluminum Insulation Jacketing	18.34	3.34
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0673	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	18.94	3.43
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0674	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	19.46	3.50
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0675	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	20.11	3.60
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0676	LF	6" ID, 0.032" Aluminum Insulation Jacketing	20.76	3.71
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0677	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	21.22	3.76
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0678	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	21.68	3.82
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0679	LF	7" ID, 0.032" Aluminum Insulation Jacketing	22.47	3.91
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0680	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	23.07	4.00
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0681	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	23.57	4.07
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0682	LF	8" ID, 0.032" Aluminum Insulation Jacketing	24.30	4.14
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0683	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	25.03	4.21
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0684	LF	9" ID, 0.032" Aluminum Insulation Jacketing	25.93	4.32
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0685	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	26.71	4.40
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0686	LF	10" ID, 0.032" Aluminum Insulation Jacketing	27.48	4.47
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0687	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	28.26	4.55
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0688	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	29.24	4.68
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0689	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	30.08	4.77
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0690	LF	12" ID, 0.032" Aluminum Insulation Jacketing	30.90	4.86
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0691	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	31.95	5.00
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0692	LF	13" ID, 0.032" Aluminum Insulation Jacketing	32.61	5.06
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0693	LF	14" ID, 0.032" Aluminum Insulation Jacketing	33.77	5.11
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0694	LF	15" ID, 0.032" Aluminum Insulation Jacketing	35.11	5.21
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0695	LF	16" ID, 0.032" Aluminum Insulation Jacketing	36.27	5.27
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0696	LF	17" ID, 0.032" Aluminum Insulation Jacketing	37.64	5.39
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0697	LF	18" ID, 0.032" Aluminum Insulation Jacketing	38.51	5.45
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0698	LF	19" ID, 0.032" Aluminum Insulation Jacketing	40.23	5.57
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0699	LF	20" ID, 0.032" Aluminum Insulation Jacketing	41.42	5.63
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0700	LF	21" ID, 0.032" Aluminum Insulation Jacketing	42.85	5.76
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0701	LF	22" ID, 0.032" Aluminum Insulation Jacketing	44.04	5.82
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0702	LF	23" ID, 0.032" Aluminum Insulation Jacketing	45.54	5.96
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0703	LF	24" ID, 0.032" Aluminum Insulation Jacketing	46.74	6.03
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	

22 07 19 00-0704 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0493)*

22 07 19 00-0705	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	11.44	2.62
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0706	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	11.98	2.68
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0707	LF	1" ID, 0.040" Aluminum Insulation Jacketing	12.52	2.74
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0708	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	13.06	2.81
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0709	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	13.53	2.85
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0710	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	13.99	2.89
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0711	LF	2" ID, 0.040" Aluminum Insulation Jacketing	14.52	2.95
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0712	LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	15.05	3.02
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0713	LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	15.63	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0714	LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	16.13	3.13
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0715	LF	3" ID, 0.040" Aluminum Insulation Jacketing	16.72	3.20
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0716	LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.30	3.28
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0717	LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	17.89	3.35
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0718	LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	18.41	3.41
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0719	LF	4" ID, 0.040" Aluminum Insulation Jacketing	19.04	3.49
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0720	LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	19.67	3.58
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0721	LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	20.35	3.67
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0722	LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	20.94	3.74
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0723	LF	5" ID, 0.040" Aluminum Insulation Jacketing	21.62	3.84
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0724	LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	22.33	3.94
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0725	LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	22.95	4.02
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0726	LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	23.74	4.14
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0727	LF	6" ID, 0.040" Aluminum Insulation Jacketing	24.51	4.27
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0728	LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	25.06	4.33
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0729	LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	25.61	4.40
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0730	LF	7" ID, 0.040" Aluminum Insulation Jacketing	26.56	4.50
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0731	LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	27.29	4.61
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0732	LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	27.87	4.68
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0733	LF	8" ID, 0.040" Aluminum Insulation Jacketing	28.76	4.76
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0734	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	29.65	4.84
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0735	LF	9" ID, 0.040" Aluminum Insulation Jacketing	30.72	4.96
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0736	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	31.68	5.05
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0737	LF	10" ID, 0.040" Aluminum Insulation Jacketing	32.62	5.14
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0738	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	33.57	5.23
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0739	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	34.73	5.39
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0740	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	35.75	5.49
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0741	LF	12" ID, 0.040" Aluminum Insulation Jacketing	36.76	5.60
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0742	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	38.00	5.76
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0743	LF	13" ID, 0.040" Aluminum Insulation Jacketing	38.82	5.82
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0744	LF	14" ID, 0.040" Aluminum Insulation Jacketing	40.24	5.88
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0745	LF	15" ID, 0.040" Aluminum Insulation Jacketing	41.88	6.00
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0746	LF	16" ID, 0.040" Aluminum Insulation Jacketing	43.31	6.06
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0747	LF	17" ID, 0.040" Aluminum Insulation Jacketing	44.98	6.19
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0748	LF	18" ID, 0.040" Aluminum Insulation Jacketing	46.05	6.26
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0749	LF	19" ID, 0.040" Aluminum Insulation Jacketing	48.15	6.40
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.56*	
22 07 19 00-0750	LF	20" ID, 0.040" Aluminum Insulation Jacketing	49.63	6.47
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.59*	
22 07 19 00-0751	LF	21" ID, 0.040" Aluminum Insulation Jacketing	51.37	6.62
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0752	LF	22" ID, 0.040" Aluminum Insulation Jacketing	52.84	6.70
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0753	LF	23" ID, 0.040" Aluminum Insulation Jacketing	54.66	6.86
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0754	LF	24" ID, 0.040" Aluminum Insulation Jacketing	56.13	6.94
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.71*	

22 07 19 00-0755 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0493)*

22 07 19 00-0756	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.46	2.69
22 07 19 00-0757	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.85	2.79
22 07 19 00-0758	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	18.77	2.89
22 07 19 00-0759	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	18.95	2.94
22 07 19 00-0760	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.13	2.99
22 07 19 00-0761	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.42	3.06
22 07 19 00-0762	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.33	3.14
22 07 19 00-0763	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.65	3.22
22 07 19 00-0764	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.29	3.28
22 07 19 00-0765	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.76	3.33
22 07 19 00-0766	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	23.57	3.42
22 07 19 00-0767	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.11	3.49
22 07 19 00-0768	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.37	3.55
22 07 19 00-0769	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.64	3.62
22 07 19 00-0770	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.21	3.69
22 07 19 00-0771	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.27	3.76
22 07 19 00-0772	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.97	3.88
22 07 19 00-0773	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	32.30	3.96
22 07 19 00-0774	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	30.41	4.09
22 07 19 00-0775	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	30.77	4.19
22 07 19 00-0776	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.21	4.33
22 07 19 00-0777	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.23	4.43
22 07 19 00-0778	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.44	4.48
22 07 19 00-0779	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.31	4.54
22 07 19 00-0780	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	40.85	4.59
22 07 19 00-0781	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	60.38	4.71
22 07 19 00-0782	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	60.86	4.83
22 07 19 00-0783	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	50.12	4.89
22 07 19 00-0784	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	50.39	4.95
22 07 19 00-0785	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	51.31	5.02
22 07 19 00-0786	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	51.58	5.08
22 07 19 00-0787	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	56.42	5.22
22 07 19 00-0788	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	56.71	5.30
22 07 19 00-0789	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	85.02	5.46
22 07 19 00-0790	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	85.35	5.54
22 07 19 00-0791	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	107.56	5.71
22 07 19 00-0792	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	112.13	5.88
22 07 19 00-0793	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	120.55	5.98
22 07 19 00-0794	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	17.88	2.99
22 07 19 00-0795	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.17	3.06
22 07 19 00-0796	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	19.25	3.14
22 07 19 00-0797	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	19.57	3.22
22 07 19 00-0798	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	20.73	3.28
22 07 19 00-0799	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.96	3.33
22 07 19 00-0800	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.46	3.42
22 07 19 00-0801	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	22.82	3.49
22 07 19 00-0802	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.08	3.55
22 07 19 00-0803	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.35	3.62
22 07 19 00-0804	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	25.17	3.69
22 07 19 00-0805	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	25.47	3.76
22 07 19 00-0806	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.44	3.88
22 07 19 00-0807	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.29	4.09
22 07 19 00-0808	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.39	4.33
22 07 19 00-0809	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.80	4.43
22 07 19 00-0810	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	33.36	4.54
22 07 19 00-0811	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	33.58	4.59
22 07 19 00-0812	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.75	4.71
22 07 19 00-0813	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	38.23	4.83
22 07 19 00-0814	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	45.82	4.89
22 07 19 00-0815	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	46.09	4.95
22 07 19 00-0816	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	44.65	5.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0817	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	44.92	5.08
22 07 19 00-0818	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	50.44	5.22
22 07 19 00-0819	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	50.73	5.30
22 07 19 00-0820	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	56.80	5.54
22 07 19 00-0821	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	65.33	5.71
22 07 19 00-0822	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	89.03	5.88
22 07 19 00-0823	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	94.91	5.98
22 07 19 00-0824	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	93.62	6.07
22 07 19 00-0825	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	103.78	6.17
22 07 19 00-0826	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	121.71	6.27
22 07 19 00-0827	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	118.95	6.38
22 07 19 00-0828	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	126.82	6.49
22 07 19 00-0829	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	57.83	4.28
22 07 19 00-0830	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	58.23	4.38
22 07 19 00-0831	EA	3" ID, Aluminum Tee Insulation Jacketing	63.93	4.48
22 07 19 00-0832	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	64.36	4.59
22 07 19 00-0833	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	67.03	4.71
22 07 19 00-0834	EA	4" ID, Aluminum Tee Insulation Jacketing	68.03	4.83
22 07 19 00-0835	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	71.36	4.95
22 07 19 00-0836	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	71.46	5.08
22 07 19 00-0837	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	72.03	5.22
22 07 19 00-0838	EA	5" ID, Aluminum Tee Insulation Jacketing	74.53	5.38
22 07 19 00-0839	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	75.17	5.54
22 07 19 00-0840	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	78.18	5.71
22 07 19 00-0841	EA	6" ID, Aluminum Tee Insulation Jacketing	78.90	5.88
22 07 19 00-0842	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	85.92	6.27
22 07 19 00-0843	EA	7" ID, Aluminum Tee Insulation Jacketing	86.78	6.49
22 07 19 00-0844	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	94.53	6.73
22 07 19 00-0845	EA	8" ID, Aluminum Tee Insulation Jacketing	95.52	6.97
22 07 19 00-0846	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	98.37	7.24
22 07 19 00-0847	EA	9" ID, Aluminum Tee Insulation Jacketing	99.53	7.53
22 07 19 00-0848	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	82.25	7.68
22 07 19 00-0849	EA	10" ID, Aluminum Tee Insulation Jacketing	82.89	7.85
22 07 19 00-0850	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	86.92	8.01
22 07 19 00-0851	EA	11" ID, Aluminum Tee Insulation Jacketing	87.62	8.19
22 07 19 00-0852	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	91.33	8.37
22 07 19 00-0853	EA	12" ID, Aluminum Tee Insulation Jacketing	92.10	8.55
22 07 19 00-0854	EA	13" ID, Aluminum Tee Insulation Jacketing	95.76	8.75
22 07 19 00-0855	EA	14" ID, Aluminum Tee Insulation Jacketing	99.58	8.97
22 07 19 00-0856	EA	15" ID, Aluminum Tee Insulation Jacketing	105.66	9.18
22 07 19 00-0857	EA	16" ID, Aluminum Tee Insulation Jacketing	108.31	9.41
22 07 19 00-0858	EA	17" ID, Aluminum Tee Insulation Jacketing	119.85	9.65
22 07 19 00-0859	EA	18" ID, Aluminum Tee Insulation Jacketing	124.02	9.90
22 07 19 00-0860	EA	19" ID, Aluminum Tee Insulation Jacketing	134.03	10.18
22 07 19 00-0861	EA	20" ID, Aluminum Tee Insulation Jacketing	137.20	10.46
22 07 19 00-0862	EA	22" ID, Aluminum Tee Insulation Jacketing	164.34	10.76
22 07 19 00-0863	EA	23" ID, Aluminum Tee Insulation Jacketing	168.98	11.07
22 07 19 00-0864	EA	24" ID, Aluminum Tee Insulation Jacketing	176.52	12.14
22 07 19 00-0865		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0492)*		
22 07 19 00-0866		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0865)*		
22 07 19 00-0867	SF	0.010" Stainless Steel Insulation Jacket With Bands	17.71	7.06
22 07 19 00-0868	SF	0.016" Stainless Steel Insulation Jacket With Bands	21.76	8.47
22 07 19 00-0869		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0865)*		
22 07 19 00-0870	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	9.62	1.50
22 07 19 00-0871	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	10.07	1.53
22 07 19 00-0872	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	10.50	1.57
22 07 19 00-0873	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	10.96	1.60
22 07 19 00-0874	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	11.43	1.63
22 07 19 00-0875	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.90	1.67
22 07 19 00-0876	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	12.37	1.71
22 07 19 00-0877	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	12.85	1.75
22 07 19 00-0878	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	13.32	1.80
22 07 19 00-0879	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	14.33	1.89
22 07 19 00-0880	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	15.37	1.98
22 07 19 00-0881	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	16.44	2.09
22 07 19 00-0882	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	17.31	2.15
22 07 19 00-0883	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	18.21	2.22
22 07 19 00-0884	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	19.17	2.30
22 07 19 00-0885	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	19.98	2.34
22 07 19 00-0886	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.80	2.38
22 07 19 00-0887	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	21.62	2.43
22 07 19 00-0888	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.45	2.48
22 07 19 00-0889	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	23.30	2.53
22 07 19 00-0890	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	24.15	2.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0891	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	25.00	2.63
22 07 19 00-0892	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	26.73	2.74
22 07 19 00-0893	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	28.44	2.85
22 07 19 00-0894	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	29.89	2.89
22 07 19 00-0895		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0865)*		
22 07 19 00-0896	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	13.23	2.01
22 07 19 00-0897	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	13.86	2.05
22 07 19 00-0898	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	14.49	2.09
22 07 19 00-0899	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	15.14	2.13
22 07 19 00-0900	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	15.79	2.18
22 07 19 00-0901	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	16.44	2.23
22 07 19 00-0902	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	17.11	2.28
22 07 19 00-0903	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	17.78	2.33
22 07 19 00-0904	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	18.46	2.38
22 07 19 00-0905	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	19.87	2.50
22 07 19 00-0906	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	21.33	2.63
22 07 19 00-0907	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	22.83	2.78
22 07 19 00-0908	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	24.08	2.86
22 07 19 00-0909	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	25.35	2.94
22 07 19 00-0910	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	26.70	3.06
22 07 19 00-0911	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	27.85	3.11
22 07 19 00-0912	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	29.02	3.17
22 07 19 00-0913	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	30.20	3.23
22 07 19 00-0914	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	31.37	3.30
22 07 19 00-0915	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	32.56	3.36
22 07 19 00-0916	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	33.78	3.43
22 07 19 00-0917	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	34.99	3.50
22 07 19 00-0918	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	37.44	3.65
22 07 19 00-0919	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	39.86	3.79
22 07 19 00-0920	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	41.94	3.85
22 07 19 00-0921		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0865)*		
22 07 19 00-0922	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	27.84	2.99
22 07 19 00-0923	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	28.13	3.06
22 07 19 00-0924	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.17	3.14
22 07 19 00-0925	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.49	3.22
22 07 19 00-0926	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	30.55	3.28
22 07 19 00-0927	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	31.77	3.33
22 07 19 00-0928	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.97	3.42
22 07 19 00-0929	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	40.91	3.49
22 07 19 00-0930	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	41.17	3.55
22 07 19 00-0931	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	42.34	3.69
22 07 19 00-0932	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	56.63	3.88
22 07 19 00-0933	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	61.50	4.09
22 07 19 00-0934	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	79.42	4.33
22 07 19 00-0935	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	79.83	4.43
22 07 19 00-0936	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	90.67	4.54
22 07 19 00-0937	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	91.35	4.71
22 07 19 00-0938	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.81	4.71
22 07 19 00-0939	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	133.37	4.83
22 07 19 00-0940	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	131.63	4.89
22 07 19 00-0941	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	131.90	4.95
22 07 19 00-0942	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	154.19	5.02
22 07 19 00-0943	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	148.36	5.08
22 07 19 00-0944	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	166.54	5.30
22 07 19 00-0945	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	223.50	5.54
22 07 19 00-0946	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	225.53	5.71
22 07 19 00-0947	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	25.20	2.99
22 07 19 00-0948	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	25.49	3.06
22 07 19 00-0949	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	26.80	3.14
22 07 19 00-0950	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	27.12	3.22
22 07 19 00-0951	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	27.52	3.28
22 07 19 00-0952	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	27.75	3.33
22 07 19 00-0953	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.24	3.42
22 07 19 00-0954	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	39.99	3.49
22 07 19 00-0955	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	40.25	3.55
22 07 19 00-0956	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	40.52	3.62
22 07 19 00-0957	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	41.25	3.69
22 07 19 00-0958	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	42.01	3.88
22 07 19 00-0959	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.79	4.09
22 07 19 00-0960	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.73	4.33
22 07 19 00-0961	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	70.88	4.43
22 07 19 00-0962	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	72.39	4.54
22 07 19 00-0963	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	72.61	4.59
22 07 19 00-0964	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	82.31	4.71
22 07 19 00-0965	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	82.79	4.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0966	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	94.09	4.89
22 07 19 00-0967	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	94.36	4.95
22 07 19 00-0968	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	109.66	5.02
22 07 19 00-0969	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	109.93	5.08
22 07 19 00-0970	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	118.49	5.30
22 07 19 00-0971	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	136.62	5.54
22 07 19 00-0972		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0492)*		
22 07 19 00-0973		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0972)*		
22 07 19 00-0974	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.59	1.39
22 07 19 00-0975	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.13	1.45
22 07 19 00-0976	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.62	1.50
22 07 19 00-0977	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.20	1.57
22 07 19 00-0978	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.73	1.63
22 07 19 00-0979	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.33	1.71
22 07 19 00-0980	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.94	1.80
22 07 19 00-0981	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.55	1.89
22 07 19 00-0982	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.25	1.98
22 07 19 00-0983	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.98	2.09
22 07 19 00-0984	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.51	2.15
22 07 19 00-0985	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.01	2.22
22 07 19 00-0986	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.67	2.30
22 07 19 00-0987	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.10	2.34
22 07 19 00-0988	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.57	2.38
22 07 19 00-0989	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.04	2.43
22 07 19 00-0990	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.53	2.48
22 07 19 00-0991	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.99	2.53
22 07 19 00-0992	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.49	2.58
22 07 19 00-0993	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.00	2.63
22 07 19 00-0994	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.52	2.69
22 07 19 00-0995	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.00	2.74
22 07 19 00-0996	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.58	2.81
22 07 19 00-0997	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.01	2.85
22 07 19 00-0998	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.31	2.85
22 07 19 00-0999	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.78	2.89
22 07 19 00-1000	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.55	2.94
22 07 19 00-1001	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.27	2.99
22 07 19 00-1002	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.05	3.04
22 07 19 00-1003	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.84	3.09
22 07 19 00-1004	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.60	3.14
22 07 19 00-1005	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.39	3.19
22 07 19 00-1006	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.16	3.25
22 07 19 00-1007	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.98	3.30
22 07 19 00-1008	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.75	3.36
22 07 19 00-1009	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.59	3.42
22 07 19 00-1010	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	28.44	3.49
22 07 19 00-1011	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	29.25	3.55
22 07 19 00-1012	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.10	3.62
22 07 19 00-1013	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.93	3.69
22 07 19 00-1014	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	31.82	3.76
22 07 19 00-1015	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	32.72	3.84
22 07 19 00-1016		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0972)*		
22 07 19 00-1017	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.76	1.45
22 07 19 00-1018	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.41	1.50
22 07 19 00-1019	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.13	1.57
22 07 19 00-1020	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.78	1.63
22 07 19 00-1021	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.50	1.71
22 07 19 00-1022	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.24	1.80
22 07 19 00-1023	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.02	1.89
22 07 19 00-1024	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.84	1.98
22 07 19 00-1025	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.70	2.09
22 07 19 00-1026	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.35	2.15
22 07 19 00-1027	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.02	2.22
22 07 19 00-1028	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.82	2.30
22 07 19 00-1029	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.41	2.34
22 07 19 00-1030	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.01	2.38
22 07 19 00-1031	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.61	2.43
22 07 19 00-1032	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.22	2.48
22 07 19 00-1033	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.85	2.53
22 07 19 00-1034	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.48	2.58
22 07 19 00-1035	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.11	2.63
22 07 19 00-1036	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.76	2.69
22 07 19 00-1037	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.41	2.74
22 07 19 00-1038	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.11	2.81
22 07 19 00-1039	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.71	2.85
22 07 19 00-1040	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.13	2.85
22 07 19 00-1041	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.73	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1042	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.75	2.94
22 07 19 00-1043	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.77	2.99
22 07 19 00-1044	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.80	3.04
22 07 19 00-1045	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.88	3.09
22 07 19 00-1046	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.93	3.14
22 07 19 00-1047	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.98	3.19
22 07 19 00-1048	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.04	3.25
22 07 19 00-1049	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.11	3.30
22 07 19 00-1050	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.18	3.36
22 07 19 00-1051	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	34.27	3.42
22 07 19 00-1052	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	35.41	3.49
22 07 19 00-1053	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.51	3.55
22 07 19 00-1054	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	37.62	3.62
22 07 19 00-1055	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	38.74	3.69
22 07 19 00-1056	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	39.88	3.76
22 07 19 00-1057	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	41.03	3.84
22 07 19 00-1058		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-0972)*		
22 07 19 00-1059	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.46	2.79
22 07 19 00-1060	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.45	2.89
22 07 19 00-1061	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.96	2.94
22 07 19 00-1062	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.48	2.99
22 07 19 00-1063	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.06	3.06
22 07 19 00-1064	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.58	3.14
22 07 19 00-1065	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.56	3.25
22 07 19 00-1066	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.44	3.33
22 07 19 00-1067	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.16	3.42
22 07 19 00-1068	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.15	3.59
22 07 19 00-1069	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.17	3.76
22 07 19 00-1070	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	27.86	3.96
22 07 19 00-1071	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	36.76	4.19
22 07 19 00-1072	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	38.39	4.33
22 07 19 00-1073	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	44.14	4.43
22 07 19 00-1074	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	45.86	4.54
22 07 19 00-1075	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	54.48	4.71
22 07 19 00-1076	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	67.18	4.89
22 07 19 00-1077	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	73.52	5.08
22 07 19 00-1078	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	82.15	5.30
22 07 19 00-1079	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	99.09	5.54
22 07 19 00-1080	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	110.76	5.71
22 07 19 00-1081	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	118.03	5.88
22 07 19 00-1082	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	127.05	5.98
22 07 19 00-1083	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	138.73	6.07
22 07 19 00-1084	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	172.32	6.17
22 07 19 00-1085	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	225.52	6.27
22 07 19 00-1086	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	283.11	6.38
22 07 19 00-1087	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.46	2.79
22 07 19 00-1088	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.45	2.89
22 07 19 00-1089	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.96	2.94
22 07 19 00-1090	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.48	2.99
22 07 19 00-1091	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.06	3.06
22 07 19 00-1092	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.58	3.14
22 07 19 00-1093	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.56	3.25
22 07 19 00-1094	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.44	3.33
22 07 19 00-1095	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.16	3.42
22 07 19 00-1096	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.15	3.59
22 07 19 00-1097	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.17	3.76
22 07 19 00-1098	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	27.86	3.96
22 07 19 00-1099	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	36.76	4.19
22 07 19 00-1100	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	38.39	4.33
22 07 19 00-1101	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	44.14	4.43
22 07 19 00-1102	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	45.86	4.54
22 07 19 00-1103	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	54.48	4.71
22 07 19 00-1104	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	67.18	4.89
22 07 19 00-1105	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	73.48	5.08
22 07 19 00-1106	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	79.80	5.30
22 07 19 00-1107	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	87.54	5.54
22 07 19 00-1108	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	97.53	5.71
22 07 19 00-1109	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	103.71	5.88
22 07 19 00-1110	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	115.46	5.98
22 07 19 00-1111	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	127.39	6.07
22 07 19 00-1112	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	150.69	6.17
22 07 19 00-1113	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	196.96	6.27
22 07 19 00-1114	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	220.19	6.38
22 07 19 00-1115	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	20.05	3.92
22 07 19 00-1116	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	20.97	4.00
22 07 19 00-1117	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	21.93	4.13
22 07 19 00-1118	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	22.99	4.28
22 07 19 00-1119	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.19	4.43
22 07 19 00-1120	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.37	4.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1121	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.12	4.77
22 07 19 00-1122	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.98	4.95
22 07 19 00-1123	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	31.46	5.15
22 07 19 00-1124	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	34.99	5.38
22 07 19 00-1125	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	38.69	5.62
22 07 19 00-1126	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	45.45	5.98
22 07 19 00-1127	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	53.41	6.27
22 07 19 00-1128	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	60.55	6.38
22 07 19 00-1129	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	83.04	6.61
22 07 19 00-1130	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	89.96	6.97
22 07 19 00-1131	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	104.47	7.24
22 07 19 00-1132	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	119.15	7.53
22 07 19 00-1133	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	121.46	7.85
22 07 19 00-1134	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	132.13	8.01
22 07 19 00-1135	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	142.82	8.19
22 07 19 00-1136	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	153.62	8.37
22 07 19 00-1137	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	164.35	8.55
22 07 19 00-1138	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	175.16	8.75
22 07 19 00-1139	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	185.92	8.97
22 07 19 00-1140	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	201.92	9.18
22 07 19 00-1141	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	217.87	9.41
22 07 19 00-1142	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	237.19	9.65
22 07 19 00-1143	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	29.03	2.69
22 07 19 00-1144	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	29.03	2.69
22 07 19 00-1145	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	34.29	2.79
22 07 19 00-1146	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	34.29	2.79
22 07 19 00-1147	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	48.09	2.89
22 07 19 00-1148	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	52.58	3.02
22 07 19 00-1149	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	57.95	3.14
22 07 19 00-1150	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	65.63	3.28
22 07 19 00-1151	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	72.24	3.42
22 07 19 00-1152	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	87.85	3.76
22 07 19 00-1153	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	124.25	4.19
22 07 19 00-1154	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	135.92	4.71
22 07 19 00-1155	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	169.89	5.02
22 07 19 00-1156	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	237.61	5.54
22 07 19 00-1157	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	239.01	5.79
22 07 19 00-1158	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	317.44	5.98
22 07 19 00-1159	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	428.39	6.17
22 07 19 00-1160	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	27.01	2.69
22 07 19 00-1161	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	27.01	2.69
22 07 19 00-1162	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	31.86	2.79
22 07 19 00-1163	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	31.86	2.79
22 07 19 00-1164	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	44.10	2.89
22 07 19 00-1165	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	48.13	3.02
22 07 19 00-1166	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	53.08	3.14
22 07 19 00-1167	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	55.85	3.28
22 07 19 00-1168	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	65.77	3.42
22 07 19 00-1169	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	79.82	3.76
22 07 19 00-1170	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	112.45	4.19
22 07 19 00-1171	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	122.98	4.71
22 07 19 00-1172	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	153.43	5.02
22 07 19 00-1173	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	214.05	5.54
22 07 19 00-1174	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	272.78	5.79
22 07 19 00-1175	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	326.30	5.98
22 07 19 00-1176	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	381.61	6.17
22 07 19 00-1177	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	40.01	4.04
22 07 19 00-1178	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	40.01	4.04
22 07 19 00-1179	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	46.80	4.19
22 07 19 00-1180	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	46.80	4.19
22 07 19 00-1181	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	64.73	4.33
22 07 19 00-1182	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	70.68	4.48
22 07 19 00-1183	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	77.83	4.71
22 07 19 00-1184	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	82.09	4.89
22 07 19 00-1185	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	96.98	5.15
22 07 19 00-1186	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	106.61	5.62
22 07 19 00-1187	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	149.55	6.27
22 07 19 00-1188	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	162.78	6.97
22 07 19 00-1189	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	224.91	7.53
22 07 19 00-1190	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	312.75	8.19
22 07 19 00-1191	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	373.24	8.75
22 07 19 00-1192	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	441.57	8.97
22 07 19 00-1193	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	483.69	9.18

22 07 19 00-1194 Insulation Foam Rubber *(22 07 19)*

22 07 19 00-1195 Covering 4x6 Sheet *(22 07 19 00-1194)*

22 07 19 00-1196	SF	1" Thick Foam Rubber Sheet Insulation	19.97	6.69

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	17.30	3.87
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.58*	
		For ASTM 120, Deduct	*-0.67*	
		For Work In Restricted Working Space, Add	*3.85*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.14	4.16
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.22*	
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*4.07*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.92	4.55
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.23*	
		For ASTM 120, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*4.36*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.99	4.74
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.84*	
		For ASTM 120, Deduct	*-1.59*	
		For Work In Restricted Working Space, Add	*4.62*	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	28.20	5.62
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.67*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*4.82*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	34.45	6.77
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*10.93*	
		For ASTM 120, Deduct	*-2.42*	
		For Work In Restricted Working Space, Add	*5.49*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	52.35	8.03
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*18.20*	
		For ASTM 120, Deduct	*-4.64*	
		For Work In Restricted Working Space, Add	*6.43*	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	64.42	10.74
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*22.49*	
		For ASTM 120, Deduct	*-5.76*	
		For Work In Restricted Working Space, Add	*7.80*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	104.60	12.34
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*39.86*	
		For ASTM 120, Deduct	*-11.37*	
		For Work In Restricted Working Space, Add	*8.65*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	192.17	15.77
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*77.77*	
		For ASTM 120, Deduct	*-23.60*	
		For Work In Restricted Working Space, Add	*10.45*	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	233.65	18.66
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*95.25*	
		For ASTM 120, Deduct	*-29.11*	
		For Work In Restricted Working Space, Add	*11.87*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0014		Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*		
		Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.		
22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	8.22	3.87
		For Schedule 80 Pipe, Add	*1.72*	
		For ASTM 120, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*1.76*	
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.35	4.16
		For Schedule 80 Pipe, Add	*2.12*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*1.87*	
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.37	4.55
		For Schedule 80 Pipe, Add	*2.89*	
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*2.03*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	13.41	4.74
		For Schedule 80 Pipe, Add	*3.71*	
		For ASTM 120, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	15.88	5.62
		For Schedule 80 Pipe, Add	*4.42*	
		For ASTM 120, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*2.53*	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	20.20	6.77
		For Schedule 80 Pipe, Add	*5.83*	
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*3.05*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	28.00	8.03
		For Schedule 80 Pipe, Add	*8.84*	
		For ASTM 120, Deduct	*-2.39*	
		For Work In Restricted Working Space, Add	*3.63*	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	36.94	10.74
		For Schedule 80 Pipe, Add	*11.60*	
		For ASTM 120, Deduct	*-3.12*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	48.18	12.34
		For Schedule 80 Pipe, Add	*16.07*	
		For ASTM 120, Deduct	*-4.44*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	63.35	15.77
		For Schedule 80 Pipe, Add	*21.43*	
		For ASTM 120, Deduct	*-5.96*	
		For Work In Restricted Working Space, Add	*7.09*	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	79.48	18.66
		For Schedule 80 Pipe, Add	*27.53*	
		For ASTM 120, Deduct	*-7.73*	
		For Work In Restricted Working Space, Add	*8.38*	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	89.43	22.55
		For Schedule 80 Pipe, Add	*30.10*	
		For ASTM 120, Deduct	*-8.35*	
		For Work In Restricted Working Space, Add	*10.13*	
22 11 16 00-0027		Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*		
		Note: ASTM A-53. Includes coupling.		
22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	9.84	3.87
		For Schedule 80 Pipe, Add	*2.49*	
		For ASTM 120, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.76*	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	11.00	4.16
		For Schedule 80 Pipe, Add	*2.91*	
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.87*	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	12.29	4.55
		For Schedule 80 Pipe, Add	*3.33*	
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*2.03*	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	14.12	4.74
		For Schedule 80 Pipe, Add	*4.05*	
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	16.36	5.62
		For Schedule 80 Pipe, Add	*4.65*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*2.53*	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	19.22	6.77
		For Schedule 80 Pipe, Add	*5.36*	
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*3.05*	
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	27.23	8.03
		For Schedule 80 Pipe, Add	*8.47*	
		For ASTM 120, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*3.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0035	LF	3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	34.63	10.74
		For Schedule 80 Pipe, Add	*10.49*	
		For ASTM 120, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0036	LF	4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	45.01	12.34
		For Schedule 80 Pipe, Add	*14.55*	
		For ASTM 120, Deduct	*-3.97*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0037	LF	5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	58.14	15.77
		For Schedule 80 Pipe, Add	*18.93*	
		For ASTM 120, Deduct	*-5.18*	
		For Work In Restricted Working Space, Add	*7.09*	
22 11 16 00-0038	LF	6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	72.10	18.66
		For Schedule 80 Pipe, Add	*23.99*	
		For ASTM 120, Deduct	*-6.62*	
		For Work In Restricted Working Space, Add	*8.38*	
22 11 16 00-0039		**Galvanized Malleable Iron 90 Degree Elbows** *(22 11 16 00-0013)*		
22 11 16 00-0040	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	32.18	17.22
		For 300 LB Rating, Add	*23.21*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0041	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	36.70	19.26
		For 300 LB Rating, Add	*28.32*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*8.66*	
22 11 16 00-0042	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	46.74	21.48
		For 300 LB Rating, Add	*51.20*	
		For ASTM 120, Deduct	*-2.17*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0043	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	59.41	24.39
		For 300 LB Rating, Add	*80.05*	
		For ASTM 120, Deduct	*-3.44*	
		For Work In Restricted Working Space, Add	*10.95*	
22 11 16 00-0044	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	71.05	27.48
		For 300 LB Rating, Add	*104.06*	
		For ASTM 120, Deduct	*-4.48*	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0045	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	101.25	34.93
		For 300 LB Rating, Add	*169.57*	
		For ASTM 120, Deduct	*-7.34*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0046	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	205.50	51.68
		For 300 LB Rating, Add	*440.15*	
		For ASTM 120, Deduct	*-19.21*	
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0047	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	313.04	67.93
		For 300 LB Rating, Add	*724.12*	
		For ASTM 120, Deduct	*-31.68*	
		For Work In Restricted Working Space, Add	*30.56*	
22 11 16 00-0048	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	480.74	72.20
		For 300 LB Rating, Add	*1,272.86*	
		For ASTM 120, Deduct	*-55.87*	
		For Work In Restricted Working Space, Add	*32.48*	
22 11 16 00-0049	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,721.46	75.36
		For 300 LB Rating, Add	*5,475.61*	
		For ASTM 120, Deduct	*-241.27*	
		For Work In Restricted Working Space, Add	*33.89*	
22 11 16 00-0050	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,600.96	78.79
		For 300 LB Rating, Add	*5,048.74*	
		For ASTM 120, Deduct	*-222.43*	
		For Work In Restricted Working Space, Add	*35.44*	
22 11 16 00-0051	EA	8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,912.39	82.34
		For 300 LB Rating, Add	*6,089.84*	
		For ASTM 120, Deduct	*-268.34*	
		For Work In Restricted Working Space, Add	*37.03*	
22 11 16 00-0052		**Galvanized Malleable Iron Reducing 90 Degree Elbows** *(22 11 16 00-0013)*		
22 11 16 00-0053	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	40.94	18.19
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*8.20*	
22 11 16 00-0054	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	48.02	20.41
		For ASTM 120, Deduct	*-2.62*	
		For Work In Restricted Working Space, Add	*9.17*	
22 11 16 00-0055	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	47.55	19.36
		For ASTM 120, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*8.71*	
22 11 16 00-0056	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	63.66	22.93
		For ASTM 120, Deduct	*-4.39*	
		For Work In Restricted Working Space, Add	*10.31*	
22 11 16 00-0057	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	67.86	21.78
		For ASTM 120, Deduct	*-5.28*	
		For Work In Restricted Working Space, Add	*9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	68.42	20.81
		For ASTM 120, Deduct	*-5.59*	
		For Work In Restricted Working Space, Add	*9.35*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	85.63	25.93
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*11.65*	
22 11 16 00-0060	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	83.51	24.48
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	81.82	23.32
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*10.51*	
22 11 16 00-0062	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	101.40	31.16
		For ASTM 120, Deduct	*-8.20*	
		For Work In Restricted Working Space, Add	*14.02*	
22 11 16 00-0063	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	107.07	29.61
		For ASTM 120, Deduct	*-9.40*	
		For Work In Restricted Working Space, Add	*13.32*	
22 11 16 00-0064	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	107.30	28.16
		For ASTM 120, Deduct	*-9.75*	
		For Work In Restricted Working Space, Add	*12.68*	
22 11 16 00-0065	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	89.91	27.10
		For ASTM 120, Deduct	*-7.40*	
		For Work In Restricted Working Space, Add	*12.18*	
22 11 16 00-0066	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	250.12	43.25
		For ASTM 120, Deduct	*-27.79*	
		For Work In Restricted Working Space, Add	*19.46*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	265.70	39.58
		For ASTM 120, Deduct	*-30.96*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0068	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	426.35	59.80
		For ASTM 120, Deduct	*-50.51*	
		For Work In Restricted Working Space, Add	*26.89*	
22 11 16 00-0069	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	369.54	51.38
		For ASTM 120, Deduct	*-43.87*	
		For Work In Restricted Working Space, Add	*23.12*	
22 11 16 00-0070	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	864.96	68.68
		For ASTM 120, Deduct	*-114.30*	
		For Work In Restricted Working Space, Add	*30.90*	

22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0072	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	33.31	17.22
		For 300 LB Rating, Add	*27.05*	
		For ASTM 120, Deduct	*-1.13*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0073	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	39.66	19.26
		For 300 LB Rating, Add	*38.38*	
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*8.66*	
22 11 16 00-0074	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	44.42	21.48
		For 300 LB Rating, Add	*43.31*	
		For ASTM 120, Deduct	*-1.83*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0075	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	59.25	24.39
		For 300 LB Rating, Add	*79.51*	
		For ASTM 120, Deduct	*-3.41*	
		For Work In Restricted Working Space, Add	*10.95*	
22 11 16 00-0076	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	67.88	27.48
		For 300 LB Rating, Add	*93.28*	
		For ASTM 120, Deduct	*-4.01*	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0077	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	91.83	34.93
		For 300 LB Rating, Add	*137.54*	
		For ASTM 120, Deduct	*-5.93*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0078	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	214.94	51.68
		For 300 LB Rating, Add	*472.25*	
		For ASTM 120, Deduct	*-20.63*	
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0079	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	301.89	67.93
		For 300 LB Rating, Add	*686.21*	
		For ASTM 120, Deduct	*-30.00*	
		For Work In Restricted Working Space, Add	*30.56*	
22 11 16 00-0080	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	443.63	72.20
		For 300 LB Rating, Add	*1,146.69*	
		For ASTM 120, Deduct	*-50.30*	
		For Work In Restricted Working Space, Add	*32.48*	
22 11 16 00-0081	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,468.05	75.36
		For 300 LB Rating, Add	*4,614.02*	
		For ASTM 120, Deduct	*-203.26*	
		For Work In Restricted Working Space, Add	*33.89*	
22 11 16 00-0082	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,752.02	78.79
		For 300 LB Rating, Add	*5,562.35*	
		For ASTM 120, Deduct	*-245.09*	
		For Work In Restricted Working Space, Add	*35.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA	8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	2,091.81	82.34
		For 300 LB Rating, Add	*6,699.86*	
		For ASTM 120, Deduct	*-295.26*	
		For Work In Restricted Working Space, Add	*37.03*	

22 11 16 00-0084 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0085	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	40.50	21.48
		For 300 LB Rating, Add	*29.99*	
		For ASTM 120, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0086	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	50.83	24.87
		For 300 LB Rating, Add	*48.51*	
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*11.17*	
22 11 16 00-0087	EA	1", 150 LB, Galvanized Malleable Iron Tee	65.98	29.32
		For 300 LB Rating, Add	*77.44*	
		For ASTM 120, Deduct	*-3.30*	
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0088	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	87.21	34.93
		For 300 LB Rating, Add	*121.83*	
		For ASTM 120, Deduct	*-5.24*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0089	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	105.81	41.61
		For 300 LB Rating, Add	*151.27*	
		For ASTM 120, Deduct	*-6.51*	
		For Work In Restricted Working Space, Add	*18.73*	
22 11 16 00-0090	EA	2", 150 LB, Galvanized Malleable Iron Tee	147.94	51.68
		For 300 LB Rating, Add	*244.45*	
		For ASTM 120, Deduct	*-10.58*	
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0091	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	282.72	56.12
		For 300 LB Rating, Add	*680.22*	
		For ASTM 120, Deduct	*-29.79*	
		For Work In Restricted Working Space, Add	*25.24*	
22 11 16 00-0092	EA	3", 150 LB, Galvanized Malleable Iron Tee	334.73	67.93
		For 300 LB Rating, Add	*797.87*	
		For ASTM 120, Deduct	*-34.93*	
		For Work In Restricted Working Space, Add	*30.56*	
22 11 16 00-0093	EA	4", 150 LB, Galvanized Malleable Iron Tee	687.66	91.24
		For 300 LB Rating, Add	*1,881.23*	
		For ASTM 120, Deduct	*-82.63*	
		For Work In Restricted Working Space, Add	*41.03*	
22 11 16 00-0094	EA	5", 150 LB, Galvanized Malleable Iron Tee	1,894.10	108.31
		For 300 LB Rating, Add	*5,897.46*	
		For ASTM 120, Deduct	*-259.75*	
		For Work In Restricted Working Space, Add	*48.73*	
22 11 16 00-0095	EA	6", 150 LB, Galvanized Malleable Iron Tee	2,149.75	123.81
		For 300 LB Rating, Add	*6,689.18*	
		For ASTM 120, Deduct	*-294.62*	
		For Work In Restricted Working Space, Add	*55.69*	
22 11 16 00-0096	EA	8", 150 LB, Galvanized Malleable Iron Tee	2,556.49	147.01
		For 300 LB Rating, Add	*7,948.08*	
		For ASTM 120, Deduct	*-350.06*	
		For Work In Restricted Working Space, Add	*66.83*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	51.43	21.48
		For 300 LB Rating, Add	*67.15*	
		For ASTM 120, Deduct	*-2.88*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0099	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	56.13	24.87
		For 300 LB Rating, Add	*66.53*	
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*11.17*	
22 11 16 00-0100	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	70.55	29.32
		For 300 LB Rating, Add	*92.98*	
		For ASTM 120, Deduct	*-3.99*	
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0101	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	93.51	34.93
		For 300 LB Rating, Add	*143.25*	
		For ASTM 120, Deduct	*-6.18*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0102	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	113.32	41.61
		For 300 LB Rating, Add	*176.81*	
		For ASTM 120, Deduct	*-7.64*	
		For Work In Restricted Working Space, Add	*18.73*	
22 11 16 00-0103	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	151.72	51.68
		For 300 LB Rating, Add	*257.30*	
		For ASTM 120, Deduct	*-11.15*	
		For Work In Restricted Working Space, Add	*23.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0104	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	346.87	56.31
		For 300 LB Rating, Add	*897.43*	
		For ASTM 120, Deduct	*-39.37*	
		For Work In Restricted Working Space, Add	*25.32*	
22 11 16 00-0105	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	443.85	69.00
		For 300 LB Rating, Add	*1,163.53*	
		For ASTM 120, Deduct	*-51.06*	
		For Work In Restricted Working Space, Add	*31.04*	
22 11 16 00-0106	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	1,123.52	91.24
		For 300 LB Rating, Add	*3,363.16*	
		For ASTM 120, Deduct	*-148.01*	
		For Work In Restricted Working Space, Add	*41.03*	
22 11 16 00-0107	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	2,450.59	108.31
		For 300 LB Rating, Add	*7,789.52*	
		For ASTM 120, Deduct	*-343.23*	
		For Work In Restricted Working Space, Add	*48.73*	
22 11 16 00-0108	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	2,781.59	123.81
		For 300 LB Rating, Add	*8,837.44*	
		For ASTM 120, Deduct	*-389.40*	
		For Work In Restricted Working Space, Add	*55.69*	
22 11 16 00-0109	EA	8", 150 LB, Galvanized Malleable Iron Reducing Tee	3,343.53	142.17
		For 300 LB Rating, Add	*10,655.05*	
		For ASTM 120, Deduct	*-469.51*	
		For Work In Restricted Working Space, Add	*64.04*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	32.10	17.22
		For 300 LB Rating, Add	*22.93*	
		For ASTM 120, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0112	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	36.13	19.26
		For 300 LB Rating, Add	*26.38*	
		For ASTM 120, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*8.66*	
22 11 16 00-0113	EA	1", 150 LB, Galvanized Malleable Iron Coupling	44.13	21.48
		For 300 LB Rating, Add	*42.33*	
		For ASTM 120, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0114	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	53.26	24.39
		For 300 LB Rating, Add	*59.14*	
		For ASTM 120, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*10.95*	
22 11 16 00-0115	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	60.21	27.48
		For 300 LB Rating, Add	*67.21*	
		For ASTM 120, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0116	EA	2", 150 LB, Galvanized Malleable Iron Coupling	80.14	34.93
		For 300 LB Rating, Add	*97.79*	
		For ASTM 120, Deduct	*-4.18*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0117	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	162.63	51.68
		For 300 LB Rating, Add	*294.39*	
		For ASTM 120, Deduct	*-12.78*	
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0118	EA	3", 150 LB, Galvanized Malleable Iron Coupling	215.76	67.93
		For 300 LB Rating, Add	*393.37*	
		For ASTM 120, Deduct	*-17.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 11 16 00-0119	EA	4", 150 LB, Galvanized Malleable Iron Coupling	350.18	72.20
		For 300 LB Rating, Add	*828.96*	
		For ASTM 120, Deduct	*-36.29*	
		For Work In Restricted Working Space, Add	*32.48*	
22 11 16 00-0120	EA	5", 150 LB, Galvanized Malleable Iron Coupling	794.12	75.36
		For 300 LB Rating, Add	*2,322.65*	
		For ASTM 120, Deduct	*-102.17*	
		For Work In Restricted Working Space, Add	*33.89*	
22 11 16 00-0121	EA	6", 150 LB, Galvanized Malleable Iron Coupling	894.12	78.79
		For 300 LB Rating, Add	*2,645.49*	
		For ASTM 120, Deduct	*-116.40*	
		For Work In Restricted Working Space, Add	*35.44*	
22 11 16 00-0122	EA	8", 150 LB, Galvanized Malleable Iron Coupling	1,058.68	82.34
		For 300 LB Rating, Add	*3,187.22*	
		For ASTM 120, Deduct	*-140.29*	
		For Work In Restricted Working Space, Add	*37.03*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	33.44	17.22
		For 300 LB Rating, Add	*27.49*	
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*7.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0125	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	37.04	19.26
		For 300 LB Rating, Add	*29.48*	
		For ASTM 120, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*8.66*	
22 11 16 00-0126	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	45.85	21.48
		For 300 LB Rating, Add	*48.18*	
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0127	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	54.09	24.39
		For 300 LB Rating, Add	*61.96*	
		For ASTM 120, Deduct	*-2.64*	
		For Work In Restricted Working Space, Add	*10.95*	
22 11 16 00-0128	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	63.84	27.48
		For 300 LB Rating, Add	*79.55*	
		For ASTM 120, Deduct	*-3.40*	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0129	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	83.23	34.93
		For 300 LB Rating, Add	*108.30*	
		For ASTM 120, Deduct	*-4.64*	
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0130	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	163.71	51.68
		For 300 LB Rating, Add	*298.06*	
		For ASTM 120, Deduct	*-12.95*	
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0131	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	212.53	67.93
		For 300 LB Rating, Add	*382.39*	
		For ASTM 120, Deduct	*-16.60*	
		For Work In Restricted Working Space, Add	*30.56*	
22 11 16 00-0132	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	356.41	72.20
		For 300 LB Rating, Add	*850.14*	
		For ASTM 120, Deduct	*-37.22*	
		For Work In Restricted Working Space, Add	*32.48*	
22 11 16 00-0133	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	829.97	75.36
		For 300 LB Rating, Add	*2,444.54*	
		For ASTM 120, Deduct	*-107.55*	
		For Work In Restricted Working Space, Add	*33.89*	
22 11 16 00-0134	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	934.96	78.79
		For 300 LB Rating, Add	*2,784.34*	
		For ASTM 120, Deduct	*-122.53*	
		For Work In Restricted Working Space, Add	*35.44*	
22 11 16 00-0135	EA	8", 150 LB, Galvanized Malleable Iron Reducing Coupling	1,108.27	82.34
		For 300 LB Rating, Add	*3,355.83*	
		For ASTM 120, Deduct	*-147.72*	
		For Work In Restricted Working Space, Add	*37.03*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	14.40	8.03
		For 300 LB Rating, Add	*8.55*	
		For ASTM 120, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*3.63*	
22 11 16 00-0138	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	16.08	8.61
		For 300 LB Rating, Add	*11.59*	
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*3.87*	
22 11 16 00-0139	EA	1", 150 LB, Galvanized Malleable Iron Cap	18.84	9.97
		For 300 LB Rating, Add	*14.32*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0140	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	20.81	10.45
		For 300 LB Rating, Add	*18.62*	
		For ASTM 120, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*4.68*	
22 11 16 00-0141	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	20.48	10.45
		For 300 LB Rating, Add	*17.49*	
		For ASTM 120, Deduct	*-0.73*	
		For Work In Restricted Working Space, Add	*4.68*	
22 11 16 00-0142	EA	2", 150 LB, Galvanized Malleable Iron Cap	31.23	13.84
		For 300 LB Rating, Add	*36.68*	
		For ASTM 120, Deduct	*-1.56*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0143	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	49.19	17.22
		For 300 LB Rating, Add	*81.04*	
		For ASTM 120, Deduct	*-3.51*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0144	EA	3", 150 LB, Galvanized Malleable Iron Cap	64.49	20.81
		For 300 LB Rating, Add	*115.02*	
		For ASTM 120, Deduct	*-4.99*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0145	EA	4", 150 LB, Galvanized Malleable Iron Cap	99.35	24.78
		For 300 LB Rating, Add	*213.78*	
		For ASTM 120, Deduct	*-9.33*	
		For Work In Restricted Working Space, Add	*11.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0146	EA	5", 150 LB, Galvanized Malleable Iron Cap	252.95	31.00
		For 300 LB Rating, Add	*705.05*	
		For ASTM 120, Deduct	*-30.98*	
		For Work In Restricted Working Space, Add	*13.92*	
22 11 16 00-0147	EA	6", 150 LB, Galvanized Malleable Iron Cap	315.61	36.84
		For 300 LB Rating, Add	*888.41*	
		For ASTM 120, Deduct	*-39.05*	
		For Work In Restricted Working Space, Add	*16.59*	
22 11 16 00-0148	EA	8", 150 LB, Galvanized Malleable Iron Cap	399.08	41.17
		For 300 LB Rating, Add	*1,150.73*	
		For ASTM 120, Deduct	*-50.60*	
		For Work In Restricted Working Space, Add	*18.52*	
22 11 16 00-0149		**Galvanized Malleable Iron FIP Threaded, Unions** *(22 11 16 00-0013)*		
22 11 16 00-0150	EA	1/2", 150 LB, Galvanized Malleable Iron Union	48.58	21.48
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0151	EA	3/4", 150 LB, Galvanized Malleable Iron Union	55.98	24.87
		For Work In Restricted Working Space, Add	*11.17*	
22 11 16 00-0152	EA	1", 150 LB, Galvanized Malleable Iron Union	68.55	29.32
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0153	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	87.82	34.93
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0154	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	105.46	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 11 16 00-0155	EA	2", 150 LB, Galvanized Malleable Iron Union	126.89	51.68
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0156	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	286.14	76.15
		For Work In Restricted Working Space, Add	*34.28*	
22 11 16 00-0157	EA	3", 150 LB, Galvanized Malleable Iron Union	390.91	100.15
		For Work In Restricted Working Space, Add	*45.11*	
22 11 16 00-0158	EA	1/2", 250 LB, Galvanized Malleable Iron Union	65.45	21.48
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0159	EA	3/4", 250 LB, Galvanized Malleable Iron Union	67.39	24.87
		For Work In Restricted Working Space, Add	*11.17*	
22 11 16 00-0160	EA	1", 250 LB, Galvanized Malleable Iron Union	81.37	29.32
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0161	EA	1-1/4", 250 LB, Galvanized Malleable Iron Union	108.94	34.93
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0162	EA	1-1/2", 250 LB, Galvanized Malleable Iron Union	127.63	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 11 16 00-0163	EA	2", 250 LB, Galvanized Malleable Iron Union	169.49	51.68
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0164	EA	2-1/2", 250 LB, Galvanized Malleable Iron Union	356.51	76.15
		For Work In Restricted Working Space, Add	*34.28*	
22 11 16 00-0165	EA	3", 250 LB, Galvanized Malleable Iron Union	522.01	100.15
		For Work In Restricted Working Space, Add	*45.11*	
22 11 16 00-0166	EA	4", 250 LB, Galvanized Malleable Iron Union	742.83	106.54
		For Work In Restricted Working Space, Add	*47.95*	
22 11 16 00-0167	EA	1/2", 300 LB, Galvanized Malleable Iron Union	70.08	21.48
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0168	EA	3/4", 300 LB, Galvanized Malleable Iron Union	78.24	24.87
		For Work In Restricted Working Space, Add	*11.17*	
22 11 16 00-0169	EA	1", 300 LB, Galvanized Malleable Iron Union	98.39	29.32
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0170	EA	1-1/4", 300 LB, Galvanized Malleable Iron Union	128.18	34.93
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-0171	EA	1-1/2", 300 LB, Galvanized Malleable Iron Union	153.80	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 11 16 00-0172	EA	2", 300 LB, Galvanized Malleable Iron Union	187.08	51.68
		For Work In Restricted Working Space, Add	*23.22*	
22 11 16 00-0173	EA	2-1/2", 300 LB, Galvanized Malleable Iron Union	420.19	76.15
		For Work In Restricted Working Space, Add	*34.28*	
22 11 16 00-0174	EA	3", 300 LB, Galvanized Malleable Iron Union	667.74	100.15
		For Work In Restricted Working Space, Add	*45.11*	
22 11 16 00-0175	EA	4", 300 LB, Galvanized Malleable Iron Union	1,457.44	106.54
		For Work In Restricted Working Space, Add	*47.95*	
22 11 16 00-0176		**Galvanized Steel Nipples** *(22 11 16 00-0013)*		
		Note: ASTM A-53.		
22 11 16 00-0177	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	16.38	9.19
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0178	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	15.89	9.19
		For Schedule 80 Nipples, Add	*2.36*	
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0179	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	16.33	9.19
		For Schedule 80 Nipples, Add	*2.86*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0180	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	18.34	9.97
		For Schedule 80 Nipples, Add	*3.93*	
		For ASTM 120, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0181	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	20.75	10.74
		For Schedule 80 Nipples, Add	*5.27*	
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0182	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	21.56	10.74
		For Schedule 80 Nipples, Add	*6.19*	
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0183	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	28.46	13.84
		For Schedule 80 Nipples, Add	*8.72*	
		For ASTM 120, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0184	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	48.58	17.22
		For Schedule 80 Nipples, Add	*25.96*	
		For ASTM 120, Deduct	*-3.42*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0185	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	58.49	20.81
		For Schedule 80 Nipples, Add	*31.10*	
		For ASTM 120, Deduct	*-4.09*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0186	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	78.02	24.78
		For Schedule 80 Nipples, Add	*46.61*	
		For ASTM 120, Deduct	*-6.13*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0187	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.76	9.19
		For Schedule 80 Nipples, Add	*3.35*	
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0188	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.00	9.19
		For Schedule 80 Nipples, Add	*2.49*	
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0189	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.55	9.19
		For Schedule 80 Nipples, Add	*3.11*	
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0190	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.76	9.19
		For Schedule 80 Nipples, Add	*3.35*	
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0191	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.00	9.19
		For Schedule 80 Nipples, Add	*2.49*	
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0192	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.55	9.19
		For Schedule 80 Nipples, Add	*3.11*	
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0193	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.96	9.97
		For Schedule 80 Nipples, Add	*4.64*	
		For ASTM 120, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	21.09	10.74
		For Schedule 80 Nipples, Add	*5.65*	
		For ASTM 120, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	21.96	10.74
		For Schedule 80 Nipples, Add	*6.65*	
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.73	9.19
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.38	9.19
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.84	9.19
		For Schedule 80 Nipples, Add	*3.44*	
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0199	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.29	9.97
		For Schedule 80 Nipples, Add	*5.02*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0200	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.58	10.74
		For Schedule 80 Nipples, Add	*6.21*	
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.62	10.74
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	29.41	13.84
		For Schedule 80 Nipples, Add	*9.80*	
		For ASTM 120, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	17.73	9.19
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.38	9.19
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.84	9.19
		For Schedule 80 Nipples, Add	*3.44*	
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.29	9.97
		For Schedule 80 Nipples, Add	*5.02*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	21.58	10.74
		For Schedule 80 Nipples, Add	*6.21*	
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	22.62	10.74
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	29.41	13.84
		For Schedule 80 Nipples, Add	*9.80*	
		For ASTM 120, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	49.45	17.22
		For Schedule 80 Nipples, Add	*26.95*	
		For ASTM 120, Deduct	*-3.55*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	62.25	20.81
		For Schedule 80 Nipples, Add	*35.39*	
		For ASTM 120, Deduct	*-4.66*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.47	9.19
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.98	9.19
		For Schedule 80 Nipples, Add	*3.60*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.73	9.19
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.18	9.97
		For Schedule 80 Nipples, Add	*6.03*	
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.62	10.74
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.33	10.74
		For Schedule 80 Nipples, Add	*9.35*	
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	31.26	13.84
		For Schedule 80 Nipples, Add	*11.91*	
		For ASTM 120, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	53.25	17.22
		For Schedule 80 Nipples, Add	*31.28*	
		For ASTM 120, Deduct	*-4.12*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	67.63	20.81
		For Schedule 80 Nipples, Add	*41.52*	
		For ASTM 120, Deduct	*-5.46*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.47	9.19
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0222	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	16.98	9.19
		For Schedule 80 Nipples, Add	*3.60*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0223	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.47	9.19
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0224	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.18	9.97
		For Schedule 80 Nipples, Add	*6.03*	
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0225	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	22.62	10.74
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0226	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	24.33	10.74
		For Schedule 80 Nipples, Add	*9.35*	
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0227	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	31.35	13.84
		For Schedule 80 Nipples, Add	*12.02*	
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0228	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	53.25	17.22
		For Schedule 80 Nipples, Add	*31.28*	
		For ASTM 120, Deduct	*-4.12*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0229	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	67.63	20.81
		For Schedule 80 Nipples, Add	*41.52*	
		For ASTM 120, Deduct	*-5.46*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0230	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	86.02	24.78
		For Schedule 80 Nipples, Add	*55.73*	
		For ASTM 120, Deduct	*-7.33*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0231	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.22	9.19
		For Schedule 80 Nipples, Add	*7.30*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0232	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.62	9.19
		For Schedule 80 Nipples, Add	*4.33*	
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0233	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.49	9.19
		For Schedule 80 Nipples, Add	*5.32*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0234	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.38	9.97
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0235	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.16	10.74
		For Schedule 80 Nipples, Add	*9.15*	
		For ASTM 120, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0236	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.05	10.74
		For Schedule 80 Nipples, Add	*11.31*	
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0237	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.15	13.84
		For Schedule 80 Nipples, Add	*15.21*	
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0238	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	56.41	17.22
		For Schedule 80 Nipples, Add	*34.88*	
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0239	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	73.66	20.81
		For Schedule 80 Nipples, Add	*48.39*	
		For ASTM 120, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0240	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	91.96	24.78
		For Schedule 80 Nipples, Add	*62.51*	
		For ASTM 120, Deduct	*-8.22*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0241	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	20.22	9.19
		For Schedule 80 Nipples, Add	*7.30*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0242	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	17.62	9.19
		For Schedule 80 Nipples, Add	*4.33*	
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0243	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	18.49	9.19
		For Schedule 80 Nipples, Add	*5.32*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0244	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	21.38	9.97
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0245	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	24.16	10.74
		For Schedule 80 Nipples, Add	*9.15*	
		For ASTM 120, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0246	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	26.05	10.74
		For Schedule 80 Nipples, Add	*11.31*	
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0247	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	34.15	13.84
		For Schedule 80 Nipples, Add	*15.21*	
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0248	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	56.41	17.22
		For Schedule 80 Nipples, Add	*34.88*	
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0249	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	73.66	20.81
		For Schedule 80 Nipples, Add	*48.39*	
		For ASTM 120, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0250	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	91.96	24.78
		For Schedule 80 Nipples, Add	*62.51*	
		For ASTM 120, Deduct	*-8.22*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0251	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	20.94	9.19
		For Schedule 80 Nipples, Add	*8.12*	
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0252	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	18.13	9.19
		For Schedule 80 Nipples, Add	*4.91*	
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0253	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	19.42	9.19
		For Schedule 80 Nipples, Add	*6.38*	
		For ASTM 120, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0254	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	22.25	9.97
		For Schedule 80 Nipples, Add	*8.39*	
		For ASTM 120, Deduct	*-1.10*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0255	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	25.45	10.74
		For Schedule 80 Nipples, Add	*10.62*	
		For ASTM 120, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0256	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	27.29	10.74
		For Schedule 80 Nipples, Add	*12.72*	
		For ASTM 120, Deduct	*-1.67*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0257	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	36.31	13.84
		For Schedule 80 Nipples, Add	*17.67*	
		For ASTM 120, Deduct	*-2.33*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0258	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	59.43	17.22
		For Schedule 80 Nipples, Add	*38.33*	
		For ASTM 120, Deduct	*-5.04*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0259	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	76.10	20.81
		For Schedule 80 Nipples, Add	*51.17*	
		For ASTM 120, Deduct	*-6.73*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0260	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	97.74	24.78
		For Schedule 80 Nipples, Add	*69.10*	
		For ASTM 120, Deduct	*-9.09*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0261	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	42.26	9.19
		For Schedule 80 Nipples, Add	*32.42*	
		For ASTM 120, Deduct	*-4.27*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0262	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	21.42	9.19
		For Schedule 80 Nipples, Add	*8.66*	
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0263	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	23.54	9.19
		For Schedule 80 Nipples, Add	*11.08*	
		For ASTM 120, Deduct	*-1.46*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0264	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	27.21	9.97
		For Schedule 80 Nipples, Add	*14.04*	
		For ASTM 120, Deduct	*-1.85*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0265	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	31.23	10.74
		For Schedule 80 Nipples, Add	*17.21*	
		For ASTM 120, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0266	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	33.45	10.74
		For Schedule 80 Nipples, Add	*19.74*	
		For ASTM 120, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0267	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	46.07	13.84
		For Schedule 80 Nipples, Add	*28.80*	
		For ASTM 120, Deduct	*-3.79*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0268	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	69.08	17.22
		For Schedule 80 Nipples, Add	*49.33*	
		For ASTM 120, Deduct	*-6.49*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0269	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	91.69	20.81
		For Schedule 80 Nipples, Add	*68.95*	
		For ASTM 120, Deduct	*-9.07*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0270	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	109.46	24.78
		For Schedule 80 Nipples, Add	*82.46*	
		For ASTM 120, Deduct	*-10.85*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0271	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	27.38	9.19
		For Schedule 80 Nipples, Add	*15.46*	
		For ASTM 120, Deduct	*-2.03*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0272	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	22.85	9.19
		For Schedule 80 Nipples, Add	*10.29*	
		For ASTM 120, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0273	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	24.60	9.19
		For Schedule 80 Nipples, Add	*12.29*	
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0274	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	28.96	9.97
		For Schedule 80 Nipples, Add	*16.04*	
		For ASTM 120, Deduct	*-2.11*	
		For Work In Restricted Working Space, Add	*4.47*	
22 11 16 00-0275	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	34.18	10.74
		For Schedule 80 Nipples, Add	*20.58*	
		For ASTM 120, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0276	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	36.32	10.74
		For Schedule 80 Nipples, Add	*23.02*	
		For ASTM 120, Deduct	*-3.03*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0277	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	50.36	13.84
		For Schedule 80 Nipples, Add	*33.69*	
		For ASTM 120, Deduct	*-4.43*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0278	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	75.13	17.22
		For Schedule 80 Nipples, Add	*56.22*	
		For ASTM 120, Deduct	*-7.40*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0279	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	100.20	20.81
		For Schedule 80 Nipples, Add	*78.65*	
		For ASTM 120, Deduct	*-10.35*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0280	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	120.96	24.78
		For Schedule 80 Nipples, Add	*95.57*	
		For ASTM 120, Deduct	*-12.57*	
		For Work In Restricted Working Space, Add	*11.14*	
22 11 16 00-0281	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	28.85	9.19
		For Schedule 80 Nipples, Add	*17.13*	
		For ASTM 120, Deduct	*-2.25*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0282	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	24.09	9.19
		For Schedule 80 Nipples, Add	*11.71*	
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0283	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	25.92	9.19
		For Schedule 80 Nipples, Add	*13.79*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*4.15*	
22 11 16 00-0284	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	31.28	9.97
		For Schedule 80 Nipples, Add	*18.68*	
		For ASTM 120, Deduct	*-2.46*	
		For Work In Restricted Working Space, Add	*4.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0285	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	37.81	10.74
		For Schedule 80 Nipples, Add	*24.72*	
		For ASTM 120, Deduct	*-3.25*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0286	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	39.23	10.74
		For Schedule 80 Nipples, Add	*26.33*	
		For ASTM 120, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0287	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	54.72	13.84
		For Schedule 80 Nipples, Add	*38.66*	
		For ASTM 120, Deduct	*-5.09*	
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0288	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	81.00	17.22
		For Schedule 80 Nipples, Add	*62.92*	
		For ASTM 120, Deduct	*-8.28*	
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-0289	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	108.79	20.81
		For Schedule 80 Nipples, Add	*88.44*	
		For ASTM 120, Deduct	*-11.64*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0290	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	132.56	24.78
		For Schedule 80 Nipples, Add	*108.79*	
		For ASTM 120, Deduct	*-14.31*	
		For Work In Restricted Working Space, Add	*11.14*	

22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0292	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	16.44	6.87
		For 300 LB Rating, Add	*21.43*	
		For Work In Restricted Working Space, Add	*3.10*	
22 11 16 00-0293	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	17.67	7.74
		For 300 LB Rating, Add	*21.50*	
		For Work In Restricted Working Space, Add	*3.47*	
22 11 16 00-0294	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	19.60	8.61
		For 300 LB Rating, Add	*23.59*	
		For Work In Restricted Working Space, Add	*3.87*	
22 11 16 00-0295	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	24.92	9.77
		For 300 LB Rating, Add	*35.96*	
		For Work In Restricted Working Space, Add	*4.38*	
22 11 16 00-0296	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	30.37	10.94
		For 300 LB Rating, Add	*48.25*	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-0297	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	38.59	13.93
		For 300 LB Rating, Add	*61.33*	
		For Work In Restricted Working Space, Add	*6.28*	
22 11 16 00-0298	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	65.42	20.61
		For 300 LB Rating, Add	*119.02*	
		For Work In Restricted Working Space, Add	*9.29*	
22 11 16 00-0299	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	89.64	27.19
		For 300 LB Rating, Add	*168.67*	
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0300	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	144.82	28.86
		For 300 LB Rating, Add	*347.73*	
		For Work In Restricted Working Space, Add	*12.99*	
22 11 16 00-0301	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	231.44	30.16
		For 300 LB Rating, Add	*635.93*	
		For Work In Restricted Working Space, Add	*13.56*	
22 11 16 00-0302	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	248.59	31.46
		For 300 LB Rating, Add	*687.39*	
		For Work In Restricted Working Space, Add	*14.18*	

22 11 16 00-0303 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0304	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	42.75	18.19
		For Work In Restricted Working Space, Add	*8.20*	
22 11 16 00-0305	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	47.47	19.36
		For Work In Restricted Working Space, Add	*8.71*	
22 11 16 00-0306	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	48.04	20.41
		For Work In Restricted Working Space, Add	*9.17*	
22 11 16 00-0307	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	56.98	20.81
		For Work In Restricted Working Space, Add	*9.35*	
22 11 16 00-0308	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	56.17	21.78
		For Work In Restricted Working Space, Add	*9.81*	
22 11 16 00-0309	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	57.86	22.93
		For Work In Restricted Working Space, Add	*10.31*	
22 11 16 00-0310	EA	1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	67.61	22.35
		For Work In Restricted Working Space, Add	*10.05*	
22 11 16 00-0311	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	69.15	23.32
		For Work In Restricted Working Space, Add	*10.51*	
22 11 16 00-0312	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	67.49	24.48
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0313	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	67.23	25.93
		For Work In Restricted Working Space, Add	*11.65*	
22 11 16 00-0314	EA	2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	81.68	26.03
		For Work In Restricted Working Space, Add	*11.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0315	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	80.25	27.10
		For Work In Restricted Working Space, Add	*12.18*	
22 11 16 00-0316	EA	2" x 1", 150 LB, Galvanized Malleable Iron Bushing	79.77	28.16
		For Work In Restricted Working Space, Add	*12.68*	
22 11 16 00-0317	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	81.90	29.61
		For Work In Restricted Working Space, Add	*13.32*	
22 11 16 00-0318	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	79.62	31.16
		For Work In Restricted Working Space, Add	*14.02*	
22 11 16 00-0319	EA	2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	114.82	35.42
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0320	EA	2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	116.50	36.58
		For Work In Restricted Working Space, Add	*16.45*	
22 11 16 00-0321	EA	2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	118.64	37.94
		For Work In Restricted Working Space, Add	*17.09*	
22 11 16 00-0322	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	119.83	39.58
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0323	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	118.49	43.25
		For Work In Restricted Working Space, Add	*19.46*	
22 11 16 00-0324	EA	3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	146.79	43.54
		For Work In Restricted Working Space, Add	*19.61*	
22 11 16 00-0325	EA	3" x 1", 150 LB, Galvanized Malleable Iron Bushing	148.47	44.70
		For Work In Restricted Working Space, Add	*20.12*	
22 11 16 00-0326	EA	3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	150.60	46.15
		For Work In Restricted Working Space, Add	*20.76*	
22 11 16 00-0327	EA	3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	151.33	47.70
		For Work In Restricted Working Space, Add	*21.46*	
22 11 16 00-0328	EA	3" x 2", 150 LB, Galvanized Malleable Iron Bushing	149.44	51.38
		For Work In Restricted Working Space, Add	*23.12*	
22 11 16 00-0329	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	166.19	59.80
		For Work In Restricted Working Space, Add	*26.89*	
22 11 16 00-0330	EA	4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	238.61	45.29
		For Work In Restricted Working Space, Add	*20.40*	
22 11 16 00-0331	EA	4" x 1", 150 LB, Galvanized Malleable Iron Bushing	240.22	46.40
		For Work In Restricted Working Space, Add	*20.88*	
22 11 16 00-0332	EA	4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	242.26	47.79
		For Work In Restricted Working Space, Add	*21.50*	
22 11 16 00-0333	EA	4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	244.50	49.29
		For Work In Restricted Working Space, Add	*22.17*	
22 11 16 00-0334	EA	4" x 2", 150 LB, Galvanized Malleable Iron Bushing	229.75	52.81
		For Work In Restricted Working Space, Add	*23.77*	
22 11 16 00-0335	EA	4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	261.87	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 11 16 00-0336	EA	4" x 3", 150 LB, Galvanized Malleable Iron Bushing	262.32	68.68
		For Work In Restricted Working Space, Add	*30.90*	

22 11 16 00-0337 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

22 11 16 00-0338	EA	1/2", 150 LB, Galvanized Malleable Iron Floor Flange	59.82	35.36
22 11 16 00-0339	EA	3/4", 150 LB, Galvanized Malleable Iron Floor Flange	65.39	38.70
22 11 16 00-0340	EA	1", 150 LB, Galvanized Malleable Iron Floor Flange	75.13	43.73
22 11 16 00-0341	EA	1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	78.08	45.29
22 11 16 00-0342	EA	1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	84.98	49.26
22 11 16 00-0343	EA	2", 150 LB, Galvanized Malleable Iron Floor Flange	91.58	51.38

22 11 16 00-0344 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

22 11 16 00-0345	EA	3/4", 125 LB, Galvanized Cast Iron Flange	115.24	38.70
		For Work In Restricted Working Space, Add	*17.42*	
22 11 16 00-0346	EA	1", 125 LB, Galvanized Cast Iron Flange	109.87	43.73
		For Work In Restricted Working Space, Add	*19.68*	
22 11 16 00-0347	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	91.30	45.29
		For Work In Restricted Working Space, Add	*20.37*	
22 11 16 00-0348	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	125.87	49.26
		For Work In Restricted Working Space, Add	*22.16*	
22 11 16 00-0349	EA	2", 125 LB, Galvanized Cast Iron Flange	122.82	51.38
		For Work In Restricted Working Space, Add	*23.13*	
22 11 16 00-0350	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	142.67	59.51
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0351	EA	3", 125 LB, Galvanized Cast Iron Flange	257.62	75.48
		For Work In Restricted Working Space, Add	*33.95*	
22 11 16 00-0352	EA	4", 125 LB, Galvanized Cast Iron Flange	345.23	99.03
		For Work In Restricted Working Space, Add	*44.54*	
22 11 16 00-0353	EA	5", 125 LB, Galvanized Cast Iron Flange	485.64	117.87
		For Work In Restricted Working Space, Add	*53.02*	
22 11 16 00-0354	EA	6", 125 LB, Galvanized Cast Iron Flange	533.21	135.41
		For Work In Restricted Working Space, Add	*60.91*	
22 11 16 00-0355	EA	8", 125 LB, Galvanized Cast Iron Flange	490.17	154.76
		For Work In Restricted Working Space, Add	*69.61*	

22 11 16 00-0356 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0357	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	31.52	
		For Work In Restricted Working Space, Add	*9.46*	
22 11 16 00-0358	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	34.67	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0359	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	37.83	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0360	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	40.98	
		For Work In Restricted Working Space, Add	*12.29*	
22 11 16 00-0361	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	43.07	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0362	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	45.18	
		For Work In Restricted Working Space, Add	*13.55*	
22 11 16 00-0363	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	47.29	
		For Work In Restricted Working Space, Add	*14.19*	
22 11 16 00-0364	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	49.38	
		For Work In Restricted Working Space, Add	*14.81*	
22 11 16 00-0365	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	51.48	
		For Work In Restricted Working Space, Add	*15.44*	
22 11 16 00-0366	EA	6", Cut And Thread Existing In Place Galvanized Steel Pipe	55.68	
		For Work In Restricted Working Space, Add	*16.70*	
22 11 16 00-0367	EA	8", Cut And Thread Existing In Place Galvanized Steel Pipe	59.89	
		For Work In Restricted Working Space, Add	*17.97*	

22 11 16 00-0368 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.

22 11 16 00-0369 Copper Tube/Pipe *(22 11 16 00-0368)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0370 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0371	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	5.35	2.37
		For Medical/Oxygen Service Tubing, Add	*0.14*	
		For Up To 20, Add	*0.58*	
		For >150, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*1.06*	
22 11 16 00-0372	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	6.34	2.46
		For Medical/Oxygen Service Tubing, Add	*0.21*	
		For Up To 20, Add	*0.70*	
		For >150, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*1.11*	
22 11 16 00-0373	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	6.99	2.56
		For Medical/Oxygen Service Tubing, Add	*0.25*	
		For Up To 20, Add	*0.78*	
		For >150, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0374	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	9.19	2.72
		For Medical/Oxygen Service Tubing, Add	*0.41*	
		For Up To 20, Add	*1.05*	
		For >150, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0375	LF	1" Hard Drawn Type L Copper Tube/Pipe	11.97	3.05
		For Medical/Oxygen Service Tubing, Add	*0.59*	
		For Up To 20, Add	*1.38*	
		For >150, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0376	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	17.00	4.55
		For Medical/Oxygen Service Tubing, Add	*0.82*	
		For Up To 20, Add	*1.95*	
		For >150, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*2.04*	
22 11 16 00-0377	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	20.72	5.08
		For Medical/Oxygen Service Tubing, Add	*1.05*	
		For Up To 20, Add	*2.40*	
		For >150, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*2.28*	
22 11 16 00-0378	LF	2" Hard Drawn Type L Copper Tube/Pipe	30.12	6.26
		For Medical/Oxygen Service Tubing, Add	*1.66*	
		For Up To 20, Add	*3.53*	
		For >150, Deduct	*-2.07*	
		For Work In Restricted Working Space, Add	*2.81*	
22 11 16 00-0379	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	52.07	7.36
		For Medical/Oxygen Service Tubing, Add	*2.40*	
		For Up To 20, Add	*5.96*	
		For >150, Deduct	*-3.00*	
		For Work In Restricted Working Space, Add	*6.64*	
22 11 16 00-0380	LF	3" Hard Drawn Type L Copper Tube/Pipe	65.97	8.68
		For Medical/Oxygen Service Tubing, Add	*3.20*	
		For Up To 20, Add	*7.60*	
		For >150, Deduct	*-4.00*	
		For Work In Restricted Working Space, Add	*7.80*	
22 11 16 00-0381	LF	4" Hard Drawn Type L Copper Tube/Pipe	100.57	9.79
		For Medical/Oxygen Service Tubing, Add	*5.70*	
		For Up To 20, Add	*11.84*	
		For >150, Deduct	*-7.12*	
		For Work In Restricted Working Space, Add	*8.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0382	LF	5" Hard Drawn Type L Copper Tube/Pipe	159.49	11.24
		For Medical/Oxygen Service Tubing, Add	*10.06*	
		For Up To 20, Add	*19.09*	
		For >150, Deduct	*-12.58*	
		For Work In Restricted Working Space, Add	*10.12*	
22 11 16 00-0383	LF	6" Hard Drawn Type L Copper Tube/Pipe	217.72	17.43
		For Medical/Oxygen Service Tubing, Add	*13.24*	
		For Up To 20, Add	*25.91*	
		For >150, Deduct	*-16.55*	
		For Work In Restricted Working Space, Add	*15.68*	
22 11 16 00-0384	LF	8" Hard Drawn Type L Copper Tube/Pipe	369.94	19.38
		For Medical/Oxygen Service Tubing, Add	*24.95*	
		For Up To 20, Add	*44.79*	
		For >150, Deduct	*-31.19*	
		For Work In Restricted Working Space, Add	*17.43*	
22 11 16 00-0385		Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0369)*		
22 11 16 00-0386	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	5.84	2.54
		For Medical/Oxygen Service Tubing, Add	*0.16*	
		For Up To 20, Add	*0.63*	
		For >150, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0387	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	7.99	2.65
		For Medical/Oxygen Service Tubing, Add	*0.29*	
		For Up To 20, Add	*0.89*	
		For >150, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0388	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	8.52	2.75
		For Medical/Oxygen Service Tubing, Add	*0.34*	
		For Up To 20, Add	*0.96*	
		For >150, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*1.28*	
22 11 16 00-0389	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	12.63	2.92
		For Medical/Oxygen Service Tubing, Add	*0.62*	
		For Up To 20, Add	*1.46*	
		For >150, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.48*	
22 11 16 00-0390	LF	1" Hard Drawn Type K Copper Tube/Pipe	15.47	3.28
		For Medical/Oxygen Service Tubing, Add	*0.82*	
		For Up To 20, Add	*1.80*	
		For >150, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*1.57*	
22 11 16 00-0391	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	20.17	4.89
		For Medical/Oxygen Service Tubing, Add	*1.02*	
		For Up To 20, Add	*2.34*	
		For >150, Deduct	*-1.28*	
		For Work In Restricted Working Space, Add	*2.23*	
22 11 16 00-0392	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	24.67	5.45
		For Medical/Oxygen Service Tubing, Add	*1.31*	
		For Up To 20, Add	*2.88*	
		For >150, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*2.50*	
22 11 16 00-0393	LF	2" Hard Drawn Type K Copper Tube/Pipe	35.32	6.73
		For Medical/Oxygen Service Tubing, Add	*2.01*	
		For Up To 20, Add	*4.16*	
		For >150, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*3.07*	
22 11 16 00-0394	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	59.63	7.91
		For Medical/Oxygen Service Tubing, Add	*2.99*	
		For Up To 20, Add	*6.90*	
		For >150, Deduct	*-3.74*	
		For Work In Restricted Working Space, Add	*6.67*	
22 11 16 00-0395	LF	3" Hard Drawn Type K Copper Tube/Pipe	79.76	9.33
		For Medical/Oxygen Service Tubing, Add	*4.09*	
		For Up To 20, Add	*9.25*	
		For >150, Deduct	*-5.11*	
		For Work In Restricted Working Space, Add	*8.59*	
22 11 16 00-0396	LF	4" Hard Drawn Type K Copper Tube/Pipe	123.58	10.52
		For Medical/Oxygen Service Tubing, Add	*7.29*	
		For Up To 20, Add	*14.64*	
		For >150, Deduct	*-9.11*	
		For Work In Restricted Working Space, Add	*9.73*	
22 11 16 00-0397	LF	5" Hard Drawn Type K Copper Tube/Pipe	205.31	12.09
		For Medical/Oxygen Service Tubing, Add	*13.36*	
		For Up To 20, Add	*24.71*	
		For >150, Deduct	*-16.70*	
		For Work In Restricted Working Space, Add	*11.49*	
22 11 16 00-0398	LF	6" Hard Drawn Type K Copper Tube/Pipe	301.37	18.73
		For Medical/Oxygen Service Tubing, Add	*19.17*	
		For Up To 20, Add	*36.13*	
		For >150, Deduct	*-23.96*	
		For Work In Restricted Working Space, Add	*18.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0399	LF	8" Hard Drawn Type K Copper Tube/Pipe	516.76	20.83
		For Medical/Oxygen Service Tubing, Add	*35.90*	
		For Up To 20, Add	*62.89*	
		For >150, Deduct	*-44.87*	
		For Work In Restricted Working Space, Add	*20.41*	

22 11 16 00-0400 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0401	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	5.24	2.22
		For Up To 20, Add	*0.58*	
		For >150, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*0.96*	
22 11 16 00-0402	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	5.61	2.31
		For Up To 20, Add	*0.62*	
		For >150, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*0.99*	
22 11 16 00-0403	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	7.26	2.45
		For Up To 20, Add	*0.82*	
		For >150, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.06*	
22 11 16 00-0404	LF	1" Hard Drawn Type M Copper Tube/Pipe	9.69	2.75
		For Up To 20, Add	*1.11*	
		For >150, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*1.18*	
22 11 16 00-0405	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	14.45	4.10
		For Up To 20, Add	*1.66*	
		For >150, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*1.81*	
22 11 16 00-0406	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	18.53	4.57
		For Up To 20, Add	*2.14*	
		For >150, Deduct	*-1.16*	
		For Work In Restricted Working Space, Add	*2.08*	
22 11 16 00-0407	LF	2" Hard Drawn Type M Copper Tube/Pipe	26.84	5.63
		For Up To 20, Add	*3.14*	
		For >150, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*2.58*	
22 11 16 00-0408	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	47.37	6.62
		For Up To 20, Add	*5.40*	
		For >150, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*6.27*	
22 11 16 00-0409	LF	3" Hard Drawn Type M Copper Tube/Pipe	58.68	7.81
		For Up To 20, Add	*6.75*	
		For >150, Deduct	*-3.52*	
		For Work In Restricted Working Space, Add	*7.04*	
22 11 16 00-0410	LF	4" Hard Drawn Type M Copper Tube/Pipe	93.31	8.81
		For Up To 20, Add	*10.98*	
		For >150, Deduct	*-6.59*	
		For Work In Restricted Working Space, Add	*8.22*	
22 11 16 00-0411	LF	5" Hard Drawn Type M Copper Tube/Pipe	159.60	10.12
		For Up To 20, Add	*19.16*	
		For >150, Deduct	*-12.80*	
		For Work In Restricted Working Space, Add	*9.49*	
22 11 16 00-0412	LF	6" Hard Drawn Type M Copper Tube/Pipe	219.95	15.69
		For Up To 20, Add	*26.27*	
		For >150, Deduct	*-17.10*	
		For Work In Restricted Working Space, Add	*14.69*	
22 11 16 00-0413	LF	8" Hard Drawn Type M Copper Tube/Pipe	377.86	17.44
		For Up To 20, Add	*45.89*	
		For >150, Deduct	*-32.40*	
		For Work In Restricted Working Space, Add	*16.16*	

22 11 16 00-0414 Soft Drawn Type L Copper Tube *(22 11 16 00-0369)*

22 11 16 00-0415	LF	1/4" Soft Drawn Type L Copper Tube	5.86	2.37
		For Up To 20, Add	*0.64*	
		For >150, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*1.06*	
22 11 16 00-0416	LF	3/8" Soft Drawn Type L Copper Tube	7.31	2.46
		For Up To 20, Add	*0.82*	
		For >150, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.11*	
22 11 16 00-0417	LF	1/2" Soft Drawn Type L Copper Tube	8.70	2.56
		For Up To 20, Add	*0.99*	
		For >150, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0418	LF	5/8" Soft Drawn Type L Copper Tube	10.19	2.65
		For Up To 20, Add	*1.17*	
		For >150, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0419	LF	3/4" Soft Drawn Type L Copper Tube	11.50	2.72
		For Up To 20, Add	*1.34*	
		For >150, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0420	LF	1" Soft Drawn Type L Copper Tube	14.86	3.05
		For Up To 20, Add	*1.74*	
		For >150, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0421	LF	1-1/4" Soft Drawn Type L Copper Tube	20.34	4.55
		For Up To 20, Add	*2.37*	
		For >150, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*2.04*	
22 11 16 00-0422	LF	1-1/2" Soft Drawn Type L Copper Tube	25.95	5.08
		For Up To 20, Add	*3.05*	
		For >150, Deduct	*-1.83*	
		For Work In Restricted Working Space, Add	*2.28*	
22 11 16 00-0423	LF	2" Soft Drawn Type L Copper Tube	38.54	6.26
		For Up To 20, Add	*4.58*	
		For >150, Deduct	*-2.92*	
		For Work In Restricted Working Space, Add	*2.81*	
22 11 16 00-0424		**Soft Drawn Type K Copper Tube** *(22 11 16 00-0369)*		
22 11 16 00-0425	LF	1/4" Soft Drawn Type K Copper Tube	6.10	2.37
		For Up To 20, Add	*0.67*	
		For >150, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*1.06*	
22 11 16 00-0426	LF	3/8" Soft Drawn Type K Copper Tube	8.07	2.46
		For Up To 20, Add	*0.92*	
		For >150, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.11*	
22 11 16 00-0427	LF	1/2" Soft Drawn Type K Copper Tube	9.32	2.56
		For Up To 20, Add	*1.07*	
		For >150, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0428	LF	5/8" Soft Drawn Type K Copper Tube	10.49	2.65
		For Up To 20, Add	*1.21*	
		For >150, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0429	LF	3/4" Soft Drawn Type K Copper Tube	14.20	2.72
		For Up To 20, Add	*1.67*	
		For >150, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0430	LF	1" Soft Drawn Type K Copper Tube	18.02	3.05
		For Up To 20, Add	*2.14*	
		For >150, Deduct	*-1.34*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0431	LF	1-1/4" Soft Drawn Type K Copper Tube	22.65	4.55
		For Up To 20, Add	*2.66*	
		For >150, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*2.04*	
22 11 16 00-0432	LF	1-1/2" Soft Drawn Type K Copper Tube	29.62	5.08
		For Up To 20, Add	*3.51*	
		For >150, Deduct	*-2.20*	
		For Work In Restricted Working Space, Add	*2.28*	
22 11 16 00-0433	LF	2" Soft Drawn Type K Copper Tube	43.59	6.26
		For Up To 20, Add	*5.21*	
		For >150, Deduct	*-3.42*	
		For Work In Restricted Working Space, Add	*2.81*	
22 11 16 00-0434	LF	2-1/2" Soft Drawn Type K Copper Tube	62.56	7.51
		For Up To 20, Add	*7.54*	
		For >150, Deduct	*-5.13*	
		For Work In Restricted Working Space, Add	*3.38*	
22 11 16 00-0435	LF	3" Soft Drawn Type K Copper Tube	84.68	8.86
		For Up To 20, Add	*10.25*	
		For >150, Deduct	*-7.14*	
		For Work In Restricted Working Space, Add	*3.99*	
22 11 16 00-0436		**Copper And Brass Fittings** *(22 11 16 00-0368)*		
		Note: All fittings are based on 95/5 solder.		
22 11 16 00-0437		**90 Degree Copper Elbows** *(22 11 16 00-0436)*		
22 11 16 00-0438	EA	1/4" 90 Degree Copper Elbow	25.15	14.02
		For Silver Solder Instead Of 95/5 Solder, Add	*3.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Street Fitting, Add	*1.65*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0439	EA	3/8" 90 Degree Copper Elbow	29.59	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Street Fitting, Add	*1.75*	
		For Work In Restricted Working Space, Add	*7.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0440	EA	1/2" 90 Degree Copper Elbow	36.09	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Street Fitting, Add	*0.57*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0441	EA	3/4" 90 Degree Copper Elbow	46.26	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*6.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Street Fitting, Add	*1.28*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0442	EA	1" 90 Degree Copper Elbow	59.28	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*8.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Street Fitting, Add	*3.12*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0443	EA	1-1/4" 90 Degree Copper Elbow	67.33	37.19
		For Silver Solder Instead Of 95/5 Solder, Add	*8.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.35*	
		For Street Fitting, Add	*4.66*	
		For Work In Restricted Working Space, Add	*16.71*	
22 11 16 00-0444	EA	1-1/2" 90 Degree Copper Elbow	79.15	40.67
		For Silver Solder Instead Of 95/5 Solder, Add	*10.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Street Fitting, Add	*7.28*	
		For Work In Restricted Working Space, Add	*18.28*	
22 11 16 00-0445	EA	2" 90 Degree Copper Elbow	101.49	45.60
		For Silver Solder Instead Of 95/5 Solder, Add	*11.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.24*	
		For Street Fitting, Add	*13.28*	
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0446	EA	2-1/2" 90 Degree Copper Elbow	134.77	46.44
		For Silver Solder Instead Of 95/5 Solder, Add	*13.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.45*	
		For Work In Restricted Working Space, Add	*20.90*	
22 11 16 00-0447	EA	3" 90 Degree Copper Elbow	175.02	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*17.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	
22 11 16 00-0448	EA	4" 90 Degree Copper Elbow	340.79	78.77
		For Silver Solder Instead Of 95/5 Solder, Add	*28.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.71*	
		For Work In Restricted Working Space, Add	*35.42*	
22 11 16 00-0449	EA	5" 90 Degree Copper Elbow	1,094.73	107.80
		For Silver Solder Instead Of 95/5 Solder, Add	*70.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-62.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.24*	
		For Work In Restricted Working Space, Add	*48.48*	
22 11 16 00-0450	EA	6" 90 Degree Copper Elbow	1,479.09	156.86
		For Silver Solder Instead Of 95/5 Solder, Add	*97.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-85.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*35.27*	
		For Work In Restricted Working Space, Add	*70.54*	
22 11 16 00-0451	EA	8" 90 Degree Copper Elbow	4,915.48	209.11
		For Silver Solder Instead Of 95/5 Solder, Add	*277.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-261.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*47.03*	
		For Work In Restricted Working Space, Add	*94.06*	
22 11 16 00-0452		90 Degree Brass Elbows *(22 11 16 00-0436)*		
22 11 16 00-0453	EA	1/2" Drop Ear 90 Degree Brass Elbow	43.56	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0454	EA	3/4" Drop Ear 90 Degree Brass Elbow	68.99	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*7.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0455	EA	1/2" Flanged Sink 90 Degree Brass Elbow	50.88	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*6.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0456	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	38.51	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0457	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	44.19	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0458	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	59.83	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*7.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0459	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	104.98	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*10.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0460		**Reducing 90 Degree Copper Elbows** *(22 11 16 00-0436)*		
22 11 16 00-0461	EA	1/2" Reducing 90 Degree Copper Elbow	46.16	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0462	EA	3/4" Reducing 90 Degree Copper Elbow	51.21	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*6.87*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0463	EA	1" Reducing 90 Degree Copper Elbow	66.44	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*8.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0464	EA	1-1/4" Reducing 90 Degree Copper Elbow	93.76	37.19
		For Silver Solder Instead Of 95/5 Solder, Add	*10.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.35*	
		For Work In Restricted Working Space, Add	*16.71*	
22 11 16 00-0465	EA	1-1/2" Reducing 90 Degree Copper Elbow	110.97	40.67
		For Silver Solder Instead Of 95/5 Solder, Add	*11.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Work In Restricted Working Space, Add	*18.28*	
22 11 16 00-0466	EA	2" Reducing 90 Degree Copper Elbow	135.63	45.60
		For Silver Solder Instead Of 95/5 Solder, Add	*13.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.24*	
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0467		**45 Degree Copper Elbows** *(22 11 16 00-0436)*		
22 11 16 00-0468	EA	1/4" 45 Degree Copper Elbow	28.73	14.02
		For Silver Solder Instead Of 95/5 Solder, Add	*3.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Street Fitting, Add	*3.08*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0469	EA	3/8" 45 Degree Copper Elbow	31.83	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Street Fitting, Add	*2.64*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0470	EA	1/2" 45 Degree Copper Elbow	37.27	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Street Fitting, Add	*1.04*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0471	EA	3/4" 45 Degree Copper Elbow	47.51	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*6.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Street Fitting, Add	*1.78*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0472	EA	1" 45 Degree Copper Elbow	62.58	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*8.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Street Fitting, Add	*4.44*	
		For Work In Restricted Working Space, Add	*15.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0473	EA	1-1/4" 45 Degree Copper Elbow	70.72	37.19
		For Silver Solder Instead Of 95/5 Solder, Add	*9.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.35*	
		For Street Fitting, Add	*6.01*	
		For Work In Restricted Working Space, Add	*16.71*	
22 11 16 00-0474	EA	1-1/2" 45 Degree Copper Elbow	79.39	40.67
		For Silver Solder Instead Of 95/5 Solder, Add	*10.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Street Fitting, Add	*7.38*	
		For Work In Restricted Working Space, Add	*18.28*	
22 11 16 00-0475	EA	2" 45 Degree Copper Elbow	99.05	45.60
		For Silver Solder Instead Of 95/5 Solder, Add	*11.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.24*	
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0476	EA	2-1/2" 45 Degree Copper Elbow	133.98	46.44
		For Silver Solder Instead Of 95/5 Solder, Add	*13.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.45*	
		For Work In Restricted Working Space, Add	*20.90*	
22 11 16 00-0477	EA	3" 45 Degree Copper Elbow	178.64	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*17.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	
22 11 16 00-0478	EA	4" 45 Degree Copper Elbow	321.52	78.77
		For Silver Solder Instead Of 95/5 Solder, Add	*27.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.98*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.71*	
		For Work In Restricted Working Space, Add	*35.42*	
22 11 16 00-0479	EA	5" 45 Degree Copper Elbow	949.59	107.80
		For Silver Solder Instead Of 95/5 Solder, Add	*63.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-55.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.24*	
		For Work In Restricted Working Space, Add	*48.48*	
22 11 16 00-0480	EA	6" 45 Degree Copper Elbow	1,476.96	156.86
		For Silver Solder Instead Of 95/5 Solder, Add	*97.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-85.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*35.27*	
		For Work In Restricted Working Space, Add	*70.54*	
22 11 16 00-0481	EA	8" 45 Degree Copper Elbow	4,533.16	209.11
		For Silver Solder Instead Of 95/5 Solder, Add	*258.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-242.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*47.03*	
		For Work In Restricted Working Space, Add	*94.06*	
22 11 16 00-0482		Straight Copper And Brass Tees *(22 11 16 00-0436)*		
22 11 16 00-0483	EA	1/4" Straight Copper Tee	40.17	21.02
		For Silver Solder Instead Of 95/5 Solder, Add	*5.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.73*	
		For Work In Restricted Working Space, Add	*9.46*	
22 11 16 00-0484	EA	3/8" Straight Copper Tee	44.79	25.22
		For Silver Solder Instead Of 95/5 Solder, Add	*6.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0485	EA	1/2" Straight Copper Tee	54.98	35.09
		For Silver Solder Instead Of 95/5 Solder, Add	*8.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
22 11 16 00-0486	EA	3/4" Straight Copper Tee	70.96	43.50
		For Silver Solder Instead Of 95/5 Solder, Add	*10.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.77*	
		For Work In Restricted Working Space, Add	*19.54*	
22 11 16 00-0487	EA	1" Straight Copper Tee	95.26	51.90
		For Silver Solder Instead Of 95/5 Solder, Add	*12.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.33*	
22 11 16 00-0488	EA	1-1/4" Straight Copper Tee	108.44	56.10
		For Silver Solder Instead Of 95/5 Solder, Add	*13.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.61*	
		For Work In Restricted Working Space, Add	*25.22*	
22 11 16 00-0489	EA	1-1/2" Straight Copper Tee	128.30	60.94
		For Silver Solder Instead Of 95/5 Solder, Add	*15.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.71*	
		For Work In Restricted Working Space, Add	*27.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0490	EA	2" Straight Copper Tee	161.62	68.72
		For Silver Solder Instead Of 95/5 Solder, Add	*18.38*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.45*	
		For Work In Restricted Working Space, Add	*30.89*	
22 11 16 00-0491	EA	2-1/2" Straight Copper Tee	220.53	69.67
		For Silver Solder Instead Of 95/5 Solder, Add	*21.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.68*	
		For Work In Restricted Working Space, Add	*31.35*	
22 11 16 00-0492	EA	3" Straight Copper Tee	303.06	83.90
		For Silver Solder Instead Of 95/5 Solder, Add	*27.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.87*	
		For Work In Restricted Working Space, Add	*37.74*	
22 11 16 00-0493	EA	4" Straight Copper Tee	605.15	117.47
		For Silver Solder Instead Of 95/5 Solder, Add	*47.87*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.42*	
		For Work In Restricted Working Space, Add	*52.83*	
22 11 16 00-0494	EA	5" Straight Copper Tee	1,643.48	160.73
		For Silver Solder Instead Of 95/5 Solder, Add	*106.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-94.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.14*	
		For Work In Restricted Working Space, Add	*72.28*	
22 11 16 00-0495	EA	6" Straight Copper Tee	2,270.44	235.62
		For Silver Solder Instead Of 95/5 Solder, Add	*148.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-131.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*52.98*	
		For Work In Restricted Working Space, Add	*105.96*	
22 11 16 00-0496	EA	8" Straight Copper Tee	7,865.98	313.71
		For Silver Solder Instead Of 95/5 Solder, Add	*440.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-416.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*70.54*	
		For Work In Restricted Working Space, Add	*141.08*	
22 11 16 00-0497	EA	1/2" Cast Bronze Drop Ear Tee	67.53	35.09
		For Silver Solder Instead Of 95/5 Solder, Add	*8.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
22 11 16 00-0498		Reducing Copper Tees *(22 11 16 00-0436)*		
22 11 16 00-0499	EA	3/8" Reducing Copper Tee	47.39	22.38
		For Silver Solder Instead Of 95/5 Solder, Add	*5.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.04*	
		For Work In Restricted Working Space, Add	*10.09*	
22 11 16 00-0500	EA	1/2" Reducing Copper Tee	59.39	31.52
		For Silver Solder Instead Of 95/5 Solder, Add	*7.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.09*	
		For Work In Restricted Working Space, Add	*14.18*	
22 11 16 00-0501	EA	3/4" Reducing Copper Tee	67.12	40.67
		For Silver Solder Instead Of 95/5 Solder, Add	*9.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Work In Restricted Working Space, Add	*18.28*	
22 11 16 00-0502	EA	1" Reducing Copper Tee	93.17	49.07
		For Silver Solder Instead Of 95/5 Solder, Add	*12.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.03*	
		For Work In Restricted Working Space, Add	*22.06*	
22 11 16 00-0503	EA	1-1/4" Reducing Copper Tee	109.63	53.27
		For Silver Solder Instead Of 95/5 Solder, Add	*13.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.98*	
		For Work In Restricted Working Space, Add	*23.96*	
22 11 16 00-0504	EA	1-1/2" Reducing Copper Tee	129.30	58.21
		For Silver Solder Instead Of 95/5 Solder, Add	*15.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.08*	
		For Work In Restricted Working Space, Add	*26.16*	
22 11 16 00-0505	EA	2" Reducing Copper Tee	158.57	65.14
		For Silver Solder Instead Of 95/5 Solder, Add	*17.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.66*	
		For Work In Restricted Working Space, Add	*29.32*	
22 11 16 00-0506	EA	2-1/2" Reducing Copper Tee	227.74	67.15
		For Silver Solder Instead Of 95/5 Solder, Add	*21.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.09*	
		For Work In Restricted Working Space, Add	*30.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0507	EA	3" Reducing Copper Tee	324.86	77.41
		For Silver Solder Instead Of 95/5 Solder, Add	*27.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.42*	
		For Work In Restricted Working Space, Add	*34.84*	
22 11 16 00-0508	EA	4" Reducing Copper Tee	582.65	95.51
		For Silver Solder Instead Of 95/5 Solder, Add	*43.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.48*	
		For Work In Restricted Working Space, Add	*42.97*	

22 11 16 00-0509 Copper Couplings *(22 11 16 00-0436)*

22 11 16 00-0510	EA	1/4" Copper Coupling	21.85	14.02
		For Silver Solder Instead Of 95/5 Solder, Add	*3.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0511	EA	3/8" Copper Coupling	26.32	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*3.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0512	EA	1/2" Copper Coupling	35.57	23.11
		For Silver Solder Instead Of 95/5 Solder, Add	*5.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0513	EA	3/4" Copper Coupling	44.92	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*6.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0514	EA	1" Copper Coupling	55.15	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*7.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0515	EA	1-1/4" Copper Coupling	62.14	37.19
		For Silver Solder Instead Of 95/5 Solder, Add	*8.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.35*	
		For Work In Restricted Working Space, Add	*16.71*	
22 11 16 00-0516	EA	1-1/2" Copper Coupling	69.48	40.67
		For Silver Solder Instead Of 95/5 Solder, Add	*9.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Work In Restricted Working Space, Add	*18.28*	
22 11 16 00-0517	EA	2" Copper Coupling	82.49	45.18
		For Silver Solder Instead Of 95/5 Solder, Add	*10.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.24*	
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0518	EA	2-1/2" Copper Coupling	94.99	43.93
		For Silver Solder Instead Of 95/5 Solder, Add	*11.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.87*	
		For Work In Restricted Working Space, Add	*19.74*	
22 11 16 00-0519	EA	3" Copper Coupling	119.08	53.22
		For Silver Solder Instead Of 95/5 Solder, Add	*13.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.90*	
		For Work In Restricted Working Space, Add	*23.81*	
22 11 16 00-0520	EA	4" Copper Coupling	193.96	71.61
		For Silver Solder Instead Of 95/5 Solder, Add	*20.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.97*	
		For Work In Restricted Working Space, Add	*31.93*	
22 11 16 00-0521	EA	5" Copper Coupling	327.54	130.63
		For Silver Solder Instead Of 95/5 Solder, Add	*30.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.77*	
		For Work In Restricted Working Space, Add	*43.55*	
22 11 16 00-0522	EA	6" Copper Coupling	514.29	141.95
		For Silver Solder Instead Of 95/5 Solder, Add	*47.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.93*	
		For Work In Restricted Working Space, Add	*63.86*	
22 11 16 00-0523	EA	8" Copper Coupling	1,259.58	188.21
		For Silver Solder Instead Of 95/5 Solder, Add	*91.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-77.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*42.38*	
		For Work In Restricted Working Space, Add	*84.77*	

22 11 16 00-0524 Reducing Copper Couplings *(22 11 16 00-0436)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0525	EA	3/8" Reducing Copper Coupling	22.83	13.98
		For Silver Solder Instead Of 95/5 Solder, Add	*3.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0526	EA	1/2" Reducing Copper Coupling	31.84	19.96
		For Silver Solder Instead Of 95/5 Solder, Add	*4.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.99*	
22 11 16 00-0527	EA	3/4" Reducing Copper Coupling	42.13	25.96
		For Silver Solder Instead Of 95/5 Solder, Add	*5.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
22 11 16 00-0528	EA	1" Reducing Copper Coupling	53.18	31.52
		For Silver Solder Instead Of 95/5 Solder, Add	*7.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.09*	
		For Work In Restricted Working Space, Add	*14.18*	
22 11 16 00-0529	EA	1-1/4" Reducing Copper Coupling	61.80	35.72
		For Silver Solder Instead Of 95/5 Solder, Add	*8.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.07*	
22 11 16 00-0530	EA	1-1/2" Reducing Copper Coupling	71.92	38.87
		For Silver Solder Instead Of 95/5 Solder, Add	*9.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.75*	
		For Work In Restricted Working Space, Add	*17.49*	
22 11 16 00-0531	EA	2" Reducing Copper Coupling	85.66	43.07
		For Silver Solder Instead Of 95/5 Solder, Add	*10.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.69*	
		For Work In Restricted Working Space, Add	*19.39*	
22 11 16 00-0532	EA	2-1/2" Reducing Copper Coupling	109.59	44.22
		For Silver Solder Instead Of 95/5 Solder, Add	*12.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.94*	
		For Work In Restricted Working Space, Add	*19.88*	
22 11 16 00-0533	EA	3" Reducing Copper Coupling	129.98	51.28
		For Silver Solder Instead Of 95/5 Solder, Add	*14.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.47*	
		For Work In Restricted Working Space, Add	*22.94*	
22 11 16 00-0534	EA	4" Reducing Copper Coupling	206.91	67.15
		For Silver Solder Instead Of 95/5 Solder, Add	*20.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.09*	
		For Work In Restricted Working Space, Add	*30.19*	
22 11 16 00-0535	EA	5" Reducing Copper Coupling	555.90	93.57
		For Silver Solder Instead Of 95/5 Solder, Add	*41.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.05*	
		For Work In Restricted Working Space, Add	*42.09*	
22 11 16 00-0536	EA	6" Reducing Copper Coupling	832.26	125.79
		For Silver Solder Instead Of 95/5 Solder, Add	*60.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-51.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*28.30*	
		For Work In Restricted Working Space, Add	*56.61*	
22 11 16 00-0537	EA	8" Reducing Copper Coupling	1,639.11	183.30
		For Silver Solder Instead Of 95/5 Solder, Add	*109.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-95.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*41.22*	
		For Work In Restricted Working Space, Add	*82.44*	

22 11 16 00-0538 Male Copper Adapters *(22 11 16 00-0436)*

22 11 16 00-0539	EA	1/4" Male Copper Adapter	35.61	13.66
		For Silver Solder Instead Of 95/5 Solder, Add	*3.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0540	EA	3/8" Male Copper Adapter	32.50	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0541	EA	1/2" Male Copper Adapter	34.47	21.02
		For Silver Solder Instead Of 95/5 Solder, Add	*4.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.73*	
		For Work In Restricted Working Space, Add	*9.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0542	EA	3/4" Male Copper Adapter	43.87	26.27
		For Silver Solder Instead Of 95/5 Solder, Add	*6.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
22 11 16 00-0543	EA	1" Male Copper Adapter	57.88	30.47
		For Silver Solder Instead Of 95/5 Solder, Add	*7.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.55*	
22 11 16 00-0544	EA	1-1/4" Male Copper Adapter	71.03	34.67
		For Silver Solder Instead Of 95/5 Solder, Add	*8.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
22 11 16 00-0545	EA	1-1/2" Male Copper Adapter	81.52	39.93
		For Silver Solder Instead Of 95/5 Solder, Add	*10.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.98*	
		For Work In Restricted Working Space, Add	*17.97*	
22 11 16 00-0546	EA	2" Male Copper Adapter	113.32	50.95
		For Silver Solder Instead Of 95/5 Solder, Add	*13.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.51*	
		For Work In Restricted Working Space, Add	*23.01*	
22 11 16 00-0547	EA	2-1/2" Male Copper Adapter	215.22	66.19
		For Silver Solder Instead Of 95/5 Solder, Add	*20.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.63*	
22 11 16 00-0548	EA	3" Male Copper Adapter	285.79	88.29
		For Silver Solder Instead Of 95/5 Solder, Add	*27.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.74*	
		For Work In Restricted Working Space, Add	*39.48*	
22 11 16 00-0549	EA	4" Male Copper Adapter	432.37	123.86
		For Silver Solder Instead Of 95/5 Solder, Add	*40.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.87*	
		For Work In Restricted Working Space, Add	*55.74*	
22 11 16 00-0550		**Female Copper Adapters** *(22 11 16 00-0436)*		
22 11 16 00-0551	EA	1/4" Female Copper Adapter	30.34	13.66
		For Silver Solder Instead Of 95/5 Solder, Add	*3.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.15*	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0552	EA	3/8" Female Copper Adapter	34.97	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0553	EA	1/2" Female Copper Adapter	36.24	21.02
		For Silver Solder Instead Of 95/5 Solder, Add	*4.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.73*	
		For Work In Restricted Working Space, Add	*9.46*	
22 11 16 00-0554	EA	3/4" Female Copper Adapter	45.32	26.27
		For Silver Solder Instead Of 95/5 Solder, Add	*6.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
22 11 16 00-0555	EA	1" Female Copper Adapter	59.93	30.47
		For Silver Solder Instead Of 95/5 Solder, Add	*7.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.55*	
22 11 16 00-0556	EA	1-1/4" Female Copper Adapter	74.17	34.67
		For Silver Solder Instead Of 95/5 Solder, Add	*8.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
22 11 16 00-0557	EA	1-1/2" Female Copper Adapter	93.76	39.93
		For Silver Solder Instead Of 95/5 Solder, Add	*10.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.98*	
		For Work In Restricted Working Space, Add	*17.97*	
22 11 16 00-0558	EA	2" Female Copper Adapter	122.64	50.95
		For Silver Solder Instead Of 95/5 Solder, Add	*13.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.51*	
		For Work In Restricted Working Space, Add	*23.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0559	EA	2-1/2" Female Copper Adapter	255.28	60.96
		For Silver Solder Instead Of 95/5 Solder, Add	*21.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.64*	
		For Work In Restricted Working Space, Add	*27.29*	
22 11 16 00-0560	EA	3" Female Copper Adapter	408.43	88.29
		For Silver Solder Instead Of 95/5 Solder, Add	*33.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.74*	
		For Work In Restricted Working Space, Add	*39.48*	
22 11 16 00-0561		Wrot Copper, Solder Union *(22 11 16 00-0436)*		
22 11 16 00-0562	EA	1/4" Wrot Copper, Solder Union	45.80	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*4.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0563	EA	3/8" Wrot Copper, Solder Union	51.67	20.28
		For Silver Solder Instead Of 95/5 Solder, Add	*5.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.57*	
		For Work In Restricted Working Space, Add	*9.14*	
22 11 16 00-0564	EA	1/2" Wrot Copper, Solder Union	50.94	25.22
		For Silver Solder Instead Of 95/5 Solder, Add	*6.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0565	EA	3/4" Wrot Copper, Solder Union	59.19	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*7.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0566	EA	1" Wrot Copper, Solder Union	79.19	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*9.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0567	EA	1-1/4" Wrot Copper, Solder Union	96.85	37.83
		For Silver Solder Instead Of 95/5 Solder, Add	*10.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.51*	
		For Work In Restricted Working Space, Add	*17.02*	
22 11 16 00-0568	EA	1-1/2" Wrot Copper, Solder Union	119.60	42.03
		For Silver Solder Instead Of 95/5 Solder, Add	*12.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.46*	
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0569	EA	2" Wrot Copper, Solder Union	172.04	50.43
		For Silver Solder Instead Of 95/5 Solder, Add	*16.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.35*	
		For Work In Restricted Working Space, Add	*22.70*	
22 11 16 00-0570	EA	2-1/2" Wrot Copper, Solder Union	346.09	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*25.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	
22 11 16 00-0571	EA	3" Wrot Copper, Solder Union	798.29	78.77
		For Silver Solder Instead Of 95/5 Solder, Add	*51.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.71*	
		For Work In Restricted Working Space, Add	*35.42*	
22 11 16 00-0572		Cast Bronze, Solder Union *(22 11 16 00-0436)*		
22 11 16 00-0573	EA	1/4" Cast Bronze, Solder Union	53.39	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*5.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0574	EA	3/8" Cast Bronze, Solder Union	58.83	20.28
		For Silver Solder Instead Of 95/5 Solder, Add	*5.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.57*	
		For Work In Restricted Working Space, Add	*9.14*	
22 11 16 00-0575	EA	1/2" Cast Bronze, Solder Union	52.93	25.22
		For Silver Solder Instead Of 95/5 Solder, Add	*6.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0576	EA	3/4" Cast Bronze, Solder Union	62.00	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*7.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0577	EA	1" Cast Bronze, Solder Union	84.08	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*9.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0578	EA	1-1/4" Cast Bronze, Solder Union	110.22	37.83
		For Silver Solder Instead Of 95/5 Solder, Add	*11.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.51*	
		For Work In Restricted Working Space, Add	*17.02*	
22 11 16 00-0579	EA	1-1/2" Cast Bronze, Solder Union	133.55	42.03
		For Silver Solder Instead Of 95/5 Solder, Add	*12.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.46*	
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0580	EA	2" Cast Bronze, Solder Union	195.79	50.43
		For Silver Solder Instead Of 95/5 Solder, Add	*17.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.35*	
		For Work In Restricted Working Space, Add	*22.70*	
22 11 16 00-0581	EA	2-1/2" Cast Bronze, Solder Union	346.07	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*25.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	
22 11 16 00-0582	EA	3" Cast Bronze, Solder Union	798.29	78.77
		For Silver Solder Instead Of 95/5 Solder, Add	*51.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.71*	
		For Work In Restricted Working Space, Add	*35.42*	
22 11 16 00-0583		**Cast Bronze, Solder X Female Threaded Union** *(22 11 16 00-0436)*		
22 11 16 00-0584	EA	1/4" Cast Bronze, Solder X Female Threaded Union	63.64	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*5.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-0585	EA	3/8" Cast Bronze, Solder X Female Threaded Union	70.22	20.28
		For Silver Solder Instead Of 95/5 Solder, Add	*6.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.57*	
		For Work In Restricted Working Space, Add	*9.14*	
22 11 16 00-0586	EA	1/2" Cast Bronze, Solder X Female Threaded Union	69.40	25.22
		For Silver Solder Instead Of 95/5 Solder, Add	*7.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0587	EA	3/4" Cast Bronze, Solder X Female Threaded Union	86.10	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0588	EA	1" Cast Bronze, Solder X Female Threaded Union	141.00	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*12.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0589	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	223.55	37.83
		For Silver Solder Instead Of 95/5 Solder, Add	*16.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.51*	
		For Work In Restricted Working Space, Add	*17.02*	
22 11 16 00-0590	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	274.38	42.03
		For Silver Solder Instead Of 95/5 Solder, Add	*20.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.46*	
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0591	EA	2" Cast Bronze, Solder X Female Threaded Union	433.37	50.43
		For Silver Solder Instead Of 95/5 Solder, Add	*29.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.35*	
		For Work In Restricted Working Space, Add	*22.70*	
22 11 16 00-0592	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	761.34	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*46.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-42.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	
22 11 16 00-0593		**Cast Bronze, Solder X Male Threaded Union** *(22 11 16 00-0436)*		
22 11 16 00-0594	EA	1/4" Cast Bronze, Solder X Male Threaded Union	54.48	16.81
		For Silver Solder Instead Of 95/5 Solder, Add	*5.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0595	EA	3/8" Cast Bronze, Solder X Male Threaded Union	64.62	20.28
		For Silver Solder Instead Of 95/5 Solder, Add	*6.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.57*	
		For Work In Restricted Working Space, Add	*9.14*	
22 11 16 00-0596	EA	1/2" Cast Bronze, Solder X Male Threaded Union	62.75	25.22
		For Silver Solder Instead Of 95/5 Solder, Add	*6.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
22 11 16 00-0597	EA	3/4" Cast Bronze, Solder X Male Threaded Union	80.47	28.79
		For Silver Solder Instead Of 95/5 Solder, Add	*8.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.92*	
22 11 16 00-0598	EA	1" Cast Bronze, Solder X Male Threaded Union	143.58	34.36
		For Silver Solder Instead Of 95/5 Solder, Add	*12.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.45*	
22 11 16 00-0599	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	170.97	37.83
		For Silver Solder Instead Of 95/5 Solder, Add	*14.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.51*	
		For Work In Restricted Working Space, Add	*17.02*	
22 11 16 00-0600	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	183.03	42.03
		For Silver Solder Instead Of 95/5 Solder, Add	*15.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.46*	
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0601	EA	2" Cast Bronze, Solder X Male Threaded Union	259.95	50.43
		For Silver Solder Instead Of 95/5 Solder, Add	*20.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.35*	
		For Work In Restricted Working Space, Add	*22.70*	
22 11 16 00-0602	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	623.32	55.54
		For Silver Solder Instead Of 95/5 Solder, Add	*39.49*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.48*	
		For Work In Restricted Working Space, Add	*24.97*	

22 11 16 00-0603 Copper Caps *(22 11 16 00-0436)*

22 11 16 00-0604	EA	1/4" Copper Cap	8.19	4.62
		For Silver Solder Instead Of 95/5 Solder, Add	*1.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.04*	
		For Work In Restricted Working Space, Add	*2.08*	
22 11 16 00-0605	EA	3/8" Copper Cap	10.33	5.46
		For Silver Solder Instead Of 95/5 Solder, Add	*1.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.25*	
		For Work In Restricted Working Space, Add	*2.50*	
22 11 16 00-0606	EA	1/2" Copper Cap	12.47	7.57
		For Silver Solder Instead Of 95/5 Solder, Add	*1.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.72*	
		For Work In Restricted Working Space, Add	*3.44*	
22 11 16 00-0607	EA	3/4" Copper Cap	16.15	9.35
		For Silver Solder Instead Of 95/5 Solder, Add	*2.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.13*	
		For Work In Restricted Working Space, Add	*4.27*	
22 11 16 00-0608	EA	1" Copper Cap	21.51	11.24
		For Silver Solder Instead Of 95/5 Solder, Add	*2.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.55*	
		For Work In Restricted Working Space, Add	*5.10*	
22 11 16 00-0609	EA	1-1/4" Copper Cap	24.44	12.08
		For Silver Solder Instead Of 95/5 Solder, Add	*3.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.76*	
		For Work In Restricted Working Space, Add	*5.51*	
22 11 16 00-0610	EA	1-1/2" Copper Cap	28.92	13.24
		For Silver Solder Instead Of 95/5 Solder, Add	*3.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.02*	
		For Work In Restricted Working Space, Add	*6.03*	
22 11 16 00-0611	EA	2" Copper Cap	37.04	13.74
		For Silver Solder Instead Of 95/5 Solder, Add	*3.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.11*	
		For Work In Restricted Working Space, Add	*6.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0612	EA	2-1/2" Copper Cap	73.16	16.06
		For Silver Solder Instead Of 95/5 Solder, Add	*6.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.66*	
		For Work In Restricted Working Space, Add	*7.32*	
22 11 16 00-0613	EA	3" Copper Cap	101.06	20.61
		For Silver Solder Instead Of 95/5 Solder, Add	*8.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.68*	
		For Work In Restricted Working Space, Add	*9.36*	
22 11 16 00-0614	EA	4" Copper Cap	179.06	31.16
		For Silver Solder Instead Of 95/5 Solder, Add	*13.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.17*	
22 11 16 00-0615	EA	5" Cast Bronze Cap	999.48	48.00
		For Silver Solder Instead Of 95/5 Solder, Add	*57.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-53.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.91*	
		For Work In Restricted Working Space, Add	*21.82*	
22 11 16 00-0616	EA	6" Cast Bronze Cap	1,952.26	69.86
		For Silver Solder Instead Of 95/5 Solder, Add	*108.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-102.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.87*	
		For Work In Restricted Working Space, Add	*31.74*	
22 11 16 00-0617	EA	8" Cast Bronze Cap	2,484.50	93.09
		For Silver Solder Instead Of 95/5 Solder, Add	*138.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-131.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.16*	
		For Work In Restricted Working Space, Add	*42.32*	
22 11 16 00-0618		**Copper Crosses** *(22 11 16 00-0436)*		
22 11 16 00-0619	EA	1/2" Copper Cross	80.09	42.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.58*	
		For Work In Restricted Working Space, Add	*19.16*	
22 11 16 00-0620	EA	3/4" Copper Cross	110.89	52.93
		For Silver Solder Instead Of 95/5 Solder, Add	*13.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.90*	
		For Work In Restricted Working Space, Add	*23.81*	
22 11 16 00-0621	EA	1" Copper Cross	148.39	63.19
		For Silver Solder Instead Of 95/5 Solder, Add	*16.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.22*	
		For Work In Restricted Working Space, Add	*28.45*	
22 11 16 00-0622	EA	1-1/4" Copper Cross	179.56	68.41
		For Silver Solder Instead Of 95/5 Solder, Add	*19.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.39*	
		For Work In Restricted Working Space, Add	*30.77*	
22 11 16 00-0623	EA	1-1/2" Copper Cross	221.99	74.80
		For Silver Solder Instead Of 95/5 Solder, Add	*22.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.84*	
		For Work In Restricted Working Space, Add	*33.68*	
22 11 16 00-0624	EA	2" Copper Cross	333.11	83.90
		For Silver Solder Instead Of 95/5 Solder, Add	*29.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.87*	
		For Work In Restricted Working Space, Add	*37.74*	
22 11 16 00-0625	EA	2-1/2" Copper Cross	617.24	92.89
		For Silver Solder Instead Of 95/5 Solder, Add	*44.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.90*	
		For Work In Restricted Working Space, Add	*41.80*	
22 11 16 00-0626		**Cast Bronze Crosses** *(22 11 16 00-0436)*		
22 11 16 00-0627	EA	3/8" Cast Bronze Cross	68.07	30.96
		For Silver Solder Instead Of 95/5 Solder, Add	*8.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.97*	
		For Work In Restricted Working Space, Add	*13.93*	
22 11 16 00-0628	EA	1/2" Cast Bronze Cross	83.34	42.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.58*	
		For Work In Restricted Working Space, Add	*19.16*	
22 11 16 00-0629	EA	3/4" Cast Bronze Cross	117.19	52.93
		For Silver Solder Instead Of 95/5 Solder, Add	*13.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.90*	
		For Work In Restricted Working Space, Add	*23.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0630	EA	1" Cast Bronze Cross	159.09	63.19
		For Silver Solder Instead Of 95/5 Solder, Add	*17.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.22*	
		For Work In Restricted Working Space, Add	*28.45*	
22 11 16 00-0631	EA	1-1/4" Cast Bronze Cross	194.96	68.41
		For Silver Solder Instead Of 95/5 Solder, Add	*20.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.39*	
		For Work In Restricted Working Space, Add	*30.77*	
22 11 16 00-0632	EA	1-1/2" Cast Bronze Cross	243.94	74.80
		For Silver Solder Instead Of 95/5 Solder, Add	*23.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.84*	
		For Work In Restricted Working Space, Add	*33.68*	
22 11 16 00-0633	EA	2" Cast Bronze Cross	374.57	83.90
		For Silver Solder Instead Of 95/5 Solder, Add	*31.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.87*	
		For Work In Restricted Working Space, Add	*37.74*	
22 11 16 00-0634	EA	2-1/2" Cast Bronze Cross	712.82	92.89
		For Silver Solder Instead Of 95/5 Solder, Add	*49.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-42.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.90*	
		For Work In Restricted Working Space, Add	*41.80*	

22 11 16 00-0635 Flexible Corrugated Copper Supply Line *(22 11 16 00-0436)*

22 11 16 00-0636	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	91.85	28.79
22 11 16 00-0637	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	97.72	28.79
22 11 16 00-0638	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	81.29	28.79
22 11 16 00-0639	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	87.94	28.79
22 11 16 00-0640	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	93.81	28.79
22 11 16 00-0641	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	97.72	28.79

22 11 16 00-0642 Crimped Copper Fittings *(22 11 16 00-0368)*

Note: Viega ProPress type includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0643 Crimped Copper 90 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0644	EA	1/2" Crimped Copper 90 Degree Elbow	22.92	12.61
22 11 16 00-0645	EA	3/4" Crimped Copper 90 Degree Elbow	28.34	14.40
22 11 16 00-0646	EA	1" Crimped Copper 90 Degree Elbow	39.36	17.13
22 11 16 00-0647	EA	1-1/4" Crimped Copper 90 Degree Elbow	55.86	18.91
22 11 16 00-0648	EA	1-1/2" Crimped Copper 90 Degree Elbow	83.59	21.02
22 11 16 00-0649	EA	2" Crimped Copper 90 Degree Elbow	110.20	25.22
22 11 16 00-0650	EA	2-1/2" Crimped Copper 90 Degree Elbow	254.35	29.42
22 11 16 00-0651	EA	3" Crimped Copper 90 Degree Elbow	317.02	34.98
22 11 16 00-0652	EA	4" Crimped Copper 90 Degree Elbow	396.56	46.23

22 11 16 00-0653 Crimped Copper 45 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0654	EA	1/2" Crimped Copper 45 Degree Elbow	23.58	12.61
22 11 16 00-0655	EA	3/4" Crimped Copper 45 Degree Elbow	27.28	14.40
22 11 16 00-0656	EA	1" Crimped Copper 45 Degree Elbow	44.17	17.13
22 11 16 00-0657	EA	1-1/4" Crimped Copper 45 Degree Elbow	54.80	18.91
22 11 16 00-0658	EA	1-1/2" Crimped Copper 45 Degree Elbow	74.39	21.02
22 11 16 00-0659	EA	2" Crimped Copper 45 Degree Elbow	97.79	25.22
22 11 16 00-0660	EA	2-1/2" Crimped Copper 45 Degree Elbow	182.99	29.42
22 11 16 00-0661	EA	3" Crimped Copper 45 Degree Elbow	250.94	34.98
22 11 16 00-0662	EA	4" Crimped Copper 45 Degree Elbow	344.87	46.23

22 11 16 00-0663 Crimped Copper Straight Tees *(22 11 16 00-0642)*

22 11 16 00-0664	EA	1/2" Crimped Copper Straight Tee	34.50	18.91
22 11 16 00-0665	EA	3/4" Crimped Copper Straight Tee	48.11	24.90
22 11 16 00-0666	EA	1" Crimped Copper Straight Tee	61.00	27.63
22 11 16 00-0667	EA	1-1/4" Crimped Copper Straight Tee	75.53	28.37
22 11 16 00-0668	EA	1-1/2" Crimped Copper Straight Tee	112.42	32.25
22 11 16 00-0669	EA	2" Crimped Copper Straight Tee	135.91	37.83
22 11 16 00-0670	EA	2-1/2" Crimped Copper Straight Tee	325.92	44.13
22 11 16 00-0671	EA	3" Crimped Copper Straight Tee	403.45	52.54
22 11 16 00-0672	EA	4" Crimped Copper Straight Tee	559.55	69.34

22 11 16 00-0673 Crimped Copper Reducing Tees *(22 11 16 00-0642)*

22 11 16 00-0674	EA	3/4" Crimped Copper Reducing Tee	43.69	17.97
22 11 16 00-0675	EA	1" Crimped Copper Reducing Tee	65.06	23.64
22 11 16 00-0676	EA	1-1/4" Crimped Copper Reducing Tee	69.57	26.27
22 11 16 00-0677	EA	1-1/2" Crimped Copper Reducing Tee	97.34	27.00
22 11 16 00-0678	EA	2" Crimped Copper Reducing Tee	117.89	30.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0679	EA	2-1/2" Crimped Copper Reducing Tee	357.64	34.67
22 11 16 00-0680	EA	3" Crimped Copper Reducing Tee	436.55	42.03
22 11 16 00-0681	EA	4" Crimped Copper Reducing Tee	508.99	56.00
22 11 16 00-0682		**Crimped Copper Couplings** *(22 11 16 00-0642)*		
22 11 16 00-0683	EA	1/2" Crimped Copper Coupling	22.52	12.61
22 11 16 00-0684	EA	3/4" Crimped Copper Coupling	27.02	14.40
22 11 16 00-0685	EA	1" Crimped Copper Coupling	36.81	17.13
22 11 16 00-0686	EA	1-1/4" Crimped Copper Coupling	42.12	18.91
22 11 16 00-0687	EA	1-1/2" Crimped Copper Coupling	57.16	21.02
22 11 16 00-0688	EA	2" Crimped Copper Coupling	70.55	25.22
22 11 16 00-0689	EA	2-1/2" Crimped Copper Coupling	148.83	29.42
22 11 16 00-0690	EA	3" Crimped Copper Coupling	185.88	34.98
22 11 16 00-0691	EA	4" Crimped Copper Coupling	254.49	46.23
22 11 16 00-0692		**Crimped Copper Reducing Couplings** *(22 11 16 00-0642)*		
22 11 16 00-0693	EA	3/4" Crimped Copper Reducing Coupling	34.40	11.98
22 11 16 00-0694	EA	1" Crimped Copper Reducing Coupling	39.31	13.66
22 11 16 00-0695	EA	1-1/4" Crimped Copper Reducing Coupling	51.86	16.28
22 11 16 00-0696	EA	1-1/2" Crimped Copper Reducing Coupling	67.32	17.97
22 11 16 00-0697	EA	2" Crimped Copper Reducing Coupling	75.34	19.96
22 11 16 00-0698	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	159.40	23.85
22 11 16 00-0699	EA	3" Crimped Copper FTG x C Reducing Coupling	199.79	28.05
22 11 16 00-0700	EA	4" Crimped Copper FTG x C Reducing Coupling	259.23	37.09
22 11 16 00-0701		**Crimped Copper Male Adapters** *(22 11 16 00-0642)*		
22 11 16 00-0702	EA	1/2" Crimped Copper Male Adapter	23.32	12.61
22 11 16 00-0703	EA	3/4" Crimped Copper Male Adapter	29.54	14.40
22 11 16 00-0704	EA	1" Crimped Copper Male Adapter	40.42	17.13
22 11 16 00-0705	EA	1-1/4" Crimped Copper Male Adapter	60.54	18.91
22 11 16 00-0706	EA	1-1/2" Crimped Copper Male Adapter	76.65	21.02
22 11 16 00-0707	EA	2" Crimped Copper Male Adapter	124.75	25.22
22 11 16 00-0708	EA	2-1/2" Crimped Copper Male Adapter	254.35	29.42
22 11 16 00-0709	EA	3" Crimped Copper Male Adapter	317.02	34.98
22 11 16 00-0710	EA	4" Crimped Copper Male Adapter	375.48	46.23
22 11 16 00-0711		**Crimped Copper Female Adapters** *(22 11 16 00-0642)*		
22 11 16 00-0712	EA	1/2" Crimped Copper Female Adapter	24.25	12.61
22 11 16 00-0713	EA	3/4" Crimped Copper Female Adapter	30.22	14.40
22 11 16 00-0714	EA	1" Crimped Copper Female Adapter	41.77	17.13
22 11 16 00-0715	EA	1-1/4" Crimped Copper Female Adapter	64.55	18.91
22 11 16 00-0716	EA	1-1/2" Crimped Copper Female Adapter	84.13	21.02
22 11 16 00-0717	EA	2" Crimped Copper Female Adapter	127.15	25.22
22 11 16 00-0718		**Crimped Copper Caps** *(22 11 16 00-0642)*		
22 11 16 00-0719	EA	1/2" Crimped Copper Cap	17.19	6.31
22 11 16 00-0720	EA	3/4" Crimped Copper Cap	24.11	7.36
22 11 16 00-0721	EA	1" Crimped Copper Cap	32.77	8.40
22 11 16 00-0722	EA	1-1/4" Crimped Copper Cap	37.02	9.45
22 11 16 00-0723	EA	1-1/2" Crimped Copper Cap	51.66	10.82
22 11 16 00-0724	EA	2" Crimped Copper Cap	61.90	12.61
22 11 16 00-0725	EA	2-1/2" Crimped Copper Cap	159.52	14.71
22 11 16 00-0726	EA	3" Crimped Copper Cap	200.23	17.54
22 11 16 00-0727	EA	4" Crimped Copper Cap	266.49	23.11
22 11 16 00-0728		**C x F NPT Crimped Bronze Unions** *(22 11 16 00-0642)*		
22 11 16 00-0729	EA	1/2" C x F NPT Crimped Bronze Union	48.45	17.13
22 11 16 00-0730	EA	3/4" C x F NPT Crimped Bronze Union	60.74	21.12
22 11 16 00-0731	EA	1" C x F NPT Crimped Bronze Union	86.27	25.32
22 11 16 00-0732	EA	1-1/4" C x F NPT Crimped Bronze Union	105.08	29.21
22 11 16 00-0733	EA	1-1/2" C x F NPT Crimped Bronze Union	139.01	28.58
22 11 16 00-0734	EA	2" C x F NPT Crimped Bronze Union	189.37	41.40
22 11 16 00-0735		**C x C Crimped Bronze Unions** *(22 11 16 00-0642)*		
22 11 16 00-0736	EA	1/2" C x C Bronze Crimped Union	47.21	12.61
22 11 16 00-0737	EA	3/4" C x C Bronze Crimped Union	58.65	14.40
22 11 16 00-0738	EA	1" C x C Bronze Crimped Union	85.02	17.13
22 11 16 00-0739	EA	1-1/4" C x C Bronze Crimped Union	113.01	18.91
22 11 16 00-0740	EA	1-1/2" C x C Bronze Crimped Union	146.48	21.02
22 11 16 00-0741	EA	2" C x C Bronze Crimped Union	225.56	25.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0742		**C x Flange Crimped Bronze Flange** *(22 11 16 00-0642)*		
22 11 16 00-0743	EA	2-1/2" C x Flange Crimped Bronze Flange	446.10	29.42
22 11 16 00-0744	EA	3" C x Flange Crimped Bronze Flange	485.19	34.98
22 11 16 00-0745	EA	4" C x Flange Crimped Bronze Flange	553.68	46.23
22 11 16 00-0746		**Field Installed FKM Seals** *(22 11 16 00-0642)*		
		Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.		
22 11 16 00-0747	EA	1/2" Field Installed FKM Seal	7.00	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0748	EA	3/4" Field Installed FKM Seal	8.98	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0749	EA	1" Field Installed FKM Seal	10.32	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0750	EA	1-1/4" Field Installed FKM Seal	11.90	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0751	EA	1-1/2" Field Installed FKM Seal	17.23	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0752	EA	2" Field Installed FKM Seal	19.06	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0753	EA	2-1/2" Field Installed FKM Seal	29.32	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0754	EA	3" Field Installed FKM Seal	33.55	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0755	EA	4" Field Installed FKM Seal	45.91	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0756		**Cut And Prepare Existing In-Place Copper Pipe** *(22 11 16 00-0368)*		
22 11 16 00-0757	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	10.51	
22 11 16 00-0758	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	11.35	
22 11 16 00-0759	EA	1", Cut And Prepare Existing In Place Copper Pipe	12.77	
22 11 16 00-0760	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	13.40	
22 11 16 00-0761	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	14.19	
22 11 16 00-0762	EA	2", Cut And Prepare Existing In Place Copper Pipe	15.61	
22 11 16 00-0763	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	16.82	
22 11 16 00-0764	EA	3", Cut And Prepare Existing In Place Copper Pipe	19.86	
22 11 16 00-0765	EA	4", Cut And Prepare Existing In Place Copper Pipe	26.79	
22 11 16 00-0766	EA	6", Cut And Prepare Existing In Place Copper Pipe	38.29	
22 11 16 00-0767	EA	8", Cut And Prepare Existing In Place Copper Pipe	51.06	
22 11 16 00-0768		**Sweat Brass Companion Flanges** *(22 11 16 00-0368)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.		
22 11 16 00-0769	EA	1" Sweat Brass Companion Flange	68.97	16.16
22 11 16 00-0770	EA	1-1/4" Sweat Brass Companion Flange	75.22	17.80
22 11 16 00-0771	EA	1-1/2" Sweat Brass Companion Flange	110.07	19.36
22 11 16 00-0772	EA	2" Sweat Brass Companion Flange	149.14	21.48
22 11 16 00-0773	EA	2-1/2" Sweat Brass Companion Flange	189.12	25.84
22 11 16 00-0774	EA	3" Sweat Brass Companion Flange	206.46	33.86
22 11 16 00-0775	EA	4" Sweat Brass Companion Flange	277.69	40.36
22 11 16 00-0776	EA	5" Sweat Brass Companion Flange	521.80	48.27
22 11 16 00-0777	EA	6" Sweat Brass Companion Flange	593.19	70.14
22 11 16 00-0778	EA	8" Copper Companion Flange	1,405.44	100.06
22 11 16 00-0779		**Brass Compression Fittings** *(22 11 16 00-0368)*		
22 11 16 00-0780		**Brass Compression Unions** *(22 11 16 00-0779)*		
22 11 16 00-0781	EA	1/4" Brass Compression Union	18.33	11.35
22 11 16 00-0782	EA	3/8" Brass Compression Union	18.68	11.35
22 11 16 00-0783	EA	1/2" Brass Compression Union	19.75	11.35
22 11 16 00-0784	EA	5/8" Brass Compression Union	20.26	11.35
22 11 16 00-0785	EA	3/4" Brass Compression Union	26.85	11.35
22 11 16 00-0786	EA	3/8" x 1/4" Brass Compression Union	18.92	11.35
22 11 16 00-0787	EA	1/2" x 3/8" Brass Compression Union	19.83	11.35
22 11 16 00-0788	EA	5/8" x 3/8" Brass Compression Union	20.47	11.35
22 11 16 00-0789	EA	5/8" x 1/2" Brass Compression Union	21.48	11.35
22 11 16 00-0790		**Brass Compression Union Elbows** *(22 11 16 00-0779)*		
22 11 16 00-0791	EA	1/4" Brass Compression Union Elbow	19.75	11.35
22 11 16 00-0792	EA	3/8" Brass Compression Union Elbow	20.33	11.35
22 11 16 00-0793	EA	1/2" Brass Compression Union Elbow	21.59	11.35
22 11 16 00-0794	EA	5/8" Brass Compression Union Elbow	23.56	11.35
22 11 16 00-0795	EA	3/4" Brass Compression Union Elbow	31.23	11.35
22 11 16 00-0796	EA	3/8" x 1/4" Brass Compression Union Elbow	20.33	11.35
22 11 16 00-0797	EA	1/2" x 3/8" Brass Compression Union Elbow	21.59	11.35
22 11 16 00-0798	EA	5/8" x 3/8" Brass Compression Union Elbow	21.94	11.35
22 11 16 00-0799	EA	5/8" x 1/2" Brass Compression Union Elbow	27.71	11.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0800		**Brass Compression Union Tees** *(22 11 16 00-0779)*		
22 11 16 00-0801	EA	1/4" Brass Compression Union Tee	20.19	11.35
22 11 16 00-0802	EA	3/8" Brass Compression Union Tee	21.38	11.35
22 11 16 00-0803	EA	1/2" Brass Compression Union Tee	22.65	11.35
22 11 16 00-0804	EA	5/8" Brass Compression Union Tee	26.66	11.35
22 11 16 00-0805	EA	3/4" Brass Compression Union Tee	40.51	11.35
22 11 16 00-0806	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	22.22	11.35
22 11 16 00-0807	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	28.73	11.35
22 11 16 00-0808	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	28.10	11.35
22 11 16 00-0809	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	28.84	11.35
22 11 16 00-0810		**Brass Compression Male Connectors** *(22 11 16 00-0779)*		
22 11 16 00-0811	EA	1/4" Brass Compression Male Connector	18.08	11.35
22 11 16 00-0812	EA	3/8" Brass Compression Male Connector	18.54	11.35
22 11 16 00-0813	EA	1/2" Brass Compression Male Connector	19.34	11.35
22 11 16 00-0814	EA	5/8" Brass Compression Male Connector	20.54	11.35
22 11 16 00-0815	EA	3/4" Brass Compression Male Connector	23.89	11.24
22 11 16 00-0816		**Brass Compression Female Connectors** *(22 11 16 00-0779)*		
22 11 16 00-0817	EA	1/4" Brass Compression Female Connector	18.58	11.35
22 11 16 00-0818	EA	3/8" Brass Compression Female Connector	19.18	11.35
22 11 16 00-0819	EA	1/2" Brass Compression Female Connector	20.20	11.35
22 11 16 00-0820	EA	5/8" Brass Compression Female Connector	20.97	11.35
22 11 16 00-0821	EA	3/4" Brass Compression Female Connector	30.79	11.13
22 11 16 00-0822		**Dielectric Fittings** *(22 11 16 00-0368)*		
22 11 16 00-0823		**Copper x Female Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0822)*		
22 11 16 00-0824	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	45.13	25.22
22 11 16 00-0825	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	50.37	28.79
22 11 16 00-0826	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	60.11	31.65
22 11 16 00-0827	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	73.06	34.83
22 11 16 00-0828	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	88.56	38.70
22 11 16 00-0829	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	112.66	46.44
22 11 16 00-0830		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0822)*		
22 11 16 00-0831	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	49.74	25.22
22 11 16 00-0832	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	57.96	28.79
22 11 16 00-0833	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	70.12	31.65
22 11 16 00-0834	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	86.34	34.83
22 11 16 00-0835	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	104.99	38.70
22 11 16 00-0836	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	131.93	46.44
22 11 16 00-0837		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0822)*		
22 11 16 00-0838	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	46.82	25.22
22 11 16 00-0839	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	53.14	28.79
22 11 16 00-0840	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	60.84	31.65
22 11 16 00-0841	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	70.49	34.83
22 11 16 00-0842	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	86.02	38.70
22 11 16 00-0843	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	110.62	46.44
22 11 16 00-0844		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0822)*		
22 11 16 00-0845	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	273.87	119.40
22 11 16 00-0846	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	342.80	150.37
22 11 16 00-0847	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	483.79	204.65
22 11 16 00-0848		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0822)*		
22 11 16 00-0849	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	275.77	119.40
22 11 16 00-0850	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	357.91	150.37
22 11 16 00-0851	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	658.15	204.65
22 11 16 00-0852		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0853	EA	1/4" x 1/4" Brass Push-Fit Coupling Note: (Sharkbite)	23.32	10.51
22 11 16 00-0854	EA	3/8" x 3/8" Brass Push-Fit Coupling Note: (Sharkbite)	29.24	11.21
22 11 16 00-0855	EA	1/2" x 1/2" Brass Push-Fit Coupling Note: (Sharkbite)	30.15	12.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0856	EA	5/8" x 5/8" Brass Push-Fit Coupling Note: (Sharkbite)	34.87	13.45
22 11 16 00-0857	EA	3/4" x 3/4" Brass Push-Fit Coupling Note: (Sharkbite)	35.44	14.36
22 11 16 00-0858	EA	1" x 1" Brass Push-Fit Coupling Note: (Sharkbite)	50.30	17.16
22 11 16 00-0859	EA	1/2" x 3/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	29.69	11.90
22 11 16 00-0860	EA	3/4" x 5/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	34.51	13.03
22 11 16 00-0861	EA	1" x 3/4" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	51.98	15.76
22 11 16 00-0862	EA	1/4" x 1/4" Brass Push-Fit Elbow Note: (Sharkbite)	24.41	10.51
22 11 16 00-0863	EA	3/8" x 3/8" Brass Push-Fit Elbow Note: (Sharkbite)	33.90	11.21
22 11 16 00-0864	EA	1/2" x 1/2" Brass Push-Fit Elbow Note: (Sharkbite)	30.74	12.61
22 11 16 00-0865	EA	5/8" x 5/8" Brass Push-Fit Elbow Note: (Sharkbite)	37.57	13.45
22 11 16 00-0866	EA	3/4" x 3/4" Brass Push-Fit Elbow Note: (Sharkbite)	34.67	14.36
22 11 16 00-0867	EA	1" x 1" Brass Push-Fit Elbow Note: (Sharkbite)	50.90	17.16
22 11 16 00-0868	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	29.20	11.90
22 11 16 00-0869	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	32.58	13.03
22 11 16 00-0870	EA	1" x 3/4" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	65.31	15.76
22 11 16 00-0871	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee Note: (Sharkbite)	37.07	15.76
22 11 16 00-0872	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee Note: (Sharkbite)	47.46	16.81
22 11 16 00-0873	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee Note: (Sharkbite)	42.89	18.91
22 11 16 00-0874	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee Note: (Sharkbite)	55.22	20.17
22 11 16 00-0875	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	50.11	21.54
22 11 16 00-0876	EA	1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	69.10	25.74
22 11 16 00-0877	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	48.67	17.86
22 11 16 00-0878	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	48.90	18.21
22 11 16 00-0879	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	48.39	20.67
22 11 16 00-0880	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	67.15	24.34
22 11 16 00-0881	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	27.92	11.56
22 11 16 00-0882	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	27.51	11.90
22 11 16 00-0883	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	27.05	12.61
22 11 16 00-0884	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	30.99	14.36
22 11 16 00-0885	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	44.04	17.16
22 11 16 00-0886	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	24.18	11.56
22 11 16 00-0887	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.51	11.90
22 11 16 00-0888	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.12	12.61
22 11 16 00-0889	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	30.65	14.36
22 11 16 00-0890	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	33.59	13.90
22 11 16 00-0891	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	40.45	15.76
22 11 16 00-0892	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	44.74	17.16
22 11 16 00-0893	EA	1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	39.97	12.61
22 11 16 00-0894	EA	3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	46.80	14.36
22 11 16 00-0895	EA	1" Brass Push-Fit Ball Valve Note: (Sharkbite)	62.12	17.16
22 11 16 00-0896	EA	1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	42.98	12.61
22 11 16 00-0897	EA	3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	51.87	14.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0898	EA	1" Brass Push-Fit Check Valve Note: (Sharkbite)	88.49	17.16
22 11 16 00-0899		**Copper Pipe Assemblies** *(22 11 16)* Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0900	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	21.89	2.94
		For Type K Tubing Instead Of Type L, Add	*1.61*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.74*	
		For For Brazed Fittings, Add	*0.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.92*	
		For Work In Restricted Working Space, Add	*4.93*	
22 11 16 00-0901	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	25.82	3.78
		For Type K Tubing Instead Of Type L, Add	*2.00*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.15*	
		For For Brazed Fittings, Add	*0.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*5.59*	
22 11 16 00-0902	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	29.20	4.51
		For Type K Tubing Instead Of Type L, Add	*2.47*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.41*	
		For For Brazed Fittings, Add	*0.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.44*	
		For Work In Restricted Working Space, Add	*5.86*	
22 11 16 00-0903	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	33.67	5.25
		For Type K Tubing Instead Of Type L, Add	*3.15*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.71*	
		For For Brazed Fittings, Add	*0.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.70*	
		For Work In Restricted Working Space, Add	*6.08*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.34*	
22 11 16 00-0904	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	38.19	5.99
		For Type K Tubing Instead Of Type L, Add	*3.75*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.07*	
		For For Brazed Fittings, Add	*0.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.99*	
		For Work In Restricted Working Space, Add	*6.49*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.66*	
22 11 16 00-0905	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	49.80	7.46
		For Type K Tubing Instead Of Type L, Add	*5.34*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.98*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.98*	
		For For Brazed Fittings, Add	*1.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.73*	
		For Work In Restricted Working Space, Add	*7.47*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.49*	
22 11 16 00-0906	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	63.51	9.00
		For Type K Tubing Instead Of Type L, Add	*7.49*	
		For Type M Tubing Instead Of Type L, Deduct	*-5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.85*	
		For For Brazed Fittings, Add	*1.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.51*	
		For Work In Restricted Working Space, Add	*8.01*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.68*	
22 11 16 00-0907	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	79.09	10.45
		For Type K Tubing Instead Of Type L, Add	*9.91*	
		For Type M Tubing Instead Of Type L, Deduct	*-7.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.85*	
		For For Brazed Fittings, Add	*1.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.40*	
		For Work In Restricted Working Space, Add	*8.67*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-5.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0908	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	127.75	13.84
		For Type K Tubing Instead Of Type L, Add	*17.25*	
		For Type M Tubing Instead Of Type L, Deduct	*-12.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.13*	
		For For Brazed Fittings, Add	*1.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.26*	
		For Work In Restricted Working Space, Add	*11.22*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-9.04*	
22 11 16 00-0909	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	235.64	17.22
		For Type K Tubing Instead Of Type L, Add	*34.65*	
		For Type M Tubing Instead Of Type L, Deduct	*-24.44*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.58*	
		For For Brazed Fittings, Add	*1.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.18*	
		For Work In Restricted Working Space, Add	*14.40*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-18.77*	
22 11 16 00-0910	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	308.94	20.81
		For Type K Tubing Instead Of Type L, Add	*45.69*	
		For Type M Tubing Instead Of Type L, Deduct	*-32.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.54*	
		For For Brazed Fittings, Add	*2.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.49*	
		For Work In Restricted Working Space, Add	*18.29*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-24.80*	
22 11 16 00-0911	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	692.23	24.87
		For Type K Tubing Instead Of Type L, Add	*110.54*	
		For Type M Tubing Instead Of Type L, Deduct	*-77.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*42.19*	
		For For Brazed Fittings, Add	*3.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.40*	
		For Work In Restricted Working Space, Add	*22.73*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-61.65*	

22 11 16 00-0912 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*

Note: Socket weld.

22 11 16 00-0913 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0912)*

22 11 16 00-0914 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0913)*

22 11 16 00-0915	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.37	1.55
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0916	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	10.21	1.62
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0917	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.40	1.75
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0918	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	17.24	1.91
		For Work In Restricted Working Space, Add	*1.43*	
22 11 16 00-0919	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	20.36	2.11
		For Work In Restricted Working Space, Add	*1.58*	
22 11 16 00-0920	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	26.80	2.36
		For Work In Restricted Working Space, Add	*1.77*	
22 11 16 00-0921	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	38.67	2.68
		For Work In Restricted Working Space, Add	*2.01*	
22 11 16 00-0922	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	50.63	3.18
		For Work In Restricted Working Space, Add	*2.38*	
22 11 16 00-0923	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	72.39	3.90
		For Work In Restricted Working Space, Add	*2.93*	
22 11 16 00-0924	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	133.55	4.95
		For Work In Restricted Working Space, Add	*3.72*	
22 11 16 00-0925	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	194.95	6.50
		For Work In Restricted Working Space, Add	*4.88*	

22 11 16 00-0926 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0927	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	25.41	7.35
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-0928	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	34.15	9.28
		For Work In Restricted Working Space, Add	*6.97*	
22 11 16 00-0929	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	46.39	11.61
		For Work In Restricted Working Space, Add	*8.74*	
22 11 16 00-0930	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	69.64	14.52
		For Work In Restricted Working Space, Add	*10.91*	
22 11 16 00-0931	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	77.80	16.06
		For Work In Restricted Working Space, Add	*12.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0932	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	95.52	16.06
		For Work In Restricted Working Space, Add	*13.47*	
22 11 16 00-0933	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	182.95	20.41
		For Work In Restricted Working Space, Add	*15.33*	
22 11 16 00-0934	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	203.66	24.20
		For Work In Restricted Working Space, Add	*18.11*	
22 11 16 00-0935	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	313.27	29.71
		For Work In Restricted Working Space, Add	*22.30*	
22 11 16 00-0936	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	393.96	37.73
		For Work In Restricted Working Space, Add	*28.33*	
22 11 16 00-0937	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	856.89	49.54
		For Work In Restricted Working Space, Add	*37.16*	

22 11 16 00-0938 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0939	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	28.92	7.35
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-0940	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	38.35	9.28
		For Work In Restricted Working Space, Add	*6.97*	
22 11 16 00-0941	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	53.21	11.61
		For Work In Restricted Working Space, Add	*8.74*	
22 11 16 00-0942	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	78.62	14.52
		For Work In Restricted Working Space, Add	*10.91*	
22 11 16 00-0943	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	88.73	16.06
		For Work In Restricted Working Space, Add	*12.08*	
22 11 16 00-0944	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	99.23	18.00
		For Work In Restricted Working Space, Add	*13.47*	
22 11 16 00-0945	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	185.29	20.41
		For Work In Restricted Working Space, Add	*15.33*	
22 11 16 00-0946	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	203.36	24.20
		For Work In Restricted Working Space, Add	*18.11*	
22 11 16 00-0947	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	270.46	29.71
		For Work In Restricted Working Space, Add	*22.30*	
22 11 16 00-0948	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	474.22	37.73
		For Work In Restricted Working Space, Add	*28.33*	
22 11 16 00-0949	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	913.76	49.54
		For Work In Restricted Working Space, Add	*37.16*	

22 11 16 00-0950 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0913)*

22 11 16 00-0951	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	40.36	11.03
		For Work In Restricted Working Space, Add	*8.27*	
22 11 16 00-0952	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	55.22	13.93
		For Work In Restricted Working Space, Add	*10.45*	
22 11 16 00-0953	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	68.80	17.51
		For Work In Restricted Working Space, Add	*13.12*	
22 11 16 00-0954	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	107.43	21.87
		For Work In Restricted Working Space, Add	*16.37*	
22 11 16 00-0955	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	120.95	24.20
		For Work In Restricted Working Space, Add	*18.11*	
22 11 16 00-0956	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	157.69	26.90
		For Work In Restricted Working Space, Add	*20.20*	
22 11 16 00-0957	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	225.06	30.68
		For Work In Restricted Working Space, Add	*22.99*	
22 11 16 00-0958	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	252.05	36.19
		For Work In Restricted Working Space, Add	*27.17*	
22 11 16 00-0959	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	302.24	44.61
		For Work In Restricted Working Space, Add	*33.44*	
22 11 16 00-0960	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	514.42	56.71
		For Work In Restricted Working Space, Add	*42.50*	
22 11 16 00-0961	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,252.96	74.32
		For Work In Restricted Working Space, Add	*55.74*	

22 11 16 00-0962 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0913)*

22 11 16 00-0963	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	47.77	14.71
		For Work In Restricted Working Space, Add	*11.03*	
22 11 16 00-0964	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	64.00	18.58
		For Work In Restricted Working Space, Add	*13.93*	
22 11 16 00-0965	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	79.85	23.32
		For Work In Restricted Working Space, Add	*17.48*	
22 11 16 00-0966	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	118.30	29.12
		For Work In Restricted Working Space, Add	*21.83*	
22 11 16 00-0967	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	132.68	32.22
		For Work In Restricted Working Space, Add	*24.15*	
22 11 16 00-0968	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	167.61	35.90
		For Work In Restricted Working Space, Add	*26.94*	
22 11 16 00-0969	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	230.01	40.83
		For Work In Restricted Working Space, Add	*30.65*	
22 11 16 00-0970	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	259.85	48.29
		For Work In Restricted Working Space, Add	*36.23*	
22 11 16 00-0971	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	312.94	59.41
		For Work In Restricted Working Space, Add	*44.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0972	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	509.94	75.57
		For Work In Restricted Working Space, Add	*56.66*	
22 11 16 00-0973	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	1,166.89	99.09
		For Work In Restricted Working Space, Add	*74.32*	

22 11 16 00-0974 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0975	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	21.23	6.77
		For Work In Restricted Working Space, Add	*5.11*	
22 11 16 00-0976	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	31.12	9.19
		For Work In Restricted Working Space, Add	*6.88*	
22 11 16 00-0977	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	67.44	12.00
		For Work In Restricted Working Space, Add	*9.00*	
22 11 16 00-0978	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	77.38	13.26
		For Work In Restricted Working Space, Add	*9.96*	
22 11 16 00-0979	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	95.09	14.81
		For Work In Restricted Working Space, Add	*11.12*	
22 11 16 00-0980	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	100.22	16.84
		For Work In Restricted Working Space, Add	*12.66*	
22 11 16 00-0981	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	124.15	19.93
		For Work In Restricted Working Space, Add	*14.95*	
22 11 16 00-0982	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	180.43	24.48
		For Work In Restricted Working Space, Add	*18.40*	
22 11 16 00-0983	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	331.58	31.16
		For Work In Restricted Working Space, Add	*23.37*	
22 11 16 00-0984	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	865.44	40.83
		For Work In Restricted Working Space, Add	*30.65*	

22 11 16 00-0985 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0986	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	39.60	4.84
		For Work In Restricted Working Space, Add	*3.63*	
22 11 16 00-0987	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	46.68	6.77
		For Work In Restricted Working Space, Add	*5.11*	
22 11 16 00-0988	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	54.72	9.19
		For Work In Restricted Working Space, Add	*6.88*	
22 11 16 00-0989	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	65.40	12.00
		For Work In Restricted Working Space, Add	*9.00*	
22 11 16 00-0990	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	80.39	13.26
		For Work In Restricted Working Space, Add	*9.96*	
22 11 16 00-0991	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	110.12	14.81
		For Work In Restricted Working Space, Add	*11.12*	
22 11 16 00-0992	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	198.34	16.84
		For Work In Restricted Working Space, Add	*12.66*	
22 11 16 00-0993	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	457.70	19.93
		For Work In Restricted Working Space, Add	*14.95*	
22 11 16 00-0994	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	704.16	24.48
		For Work In Restricted Working Space, Add	*18.40*	

22 11 16 00-0995 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0913)*

22 11 16 00-0996	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	22.63	4.84
		For Work In Restricted Working Space, Add	*3.63*	
22 11 16 00-0997	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	31.27	6.77
		For Work In Restricted Working Space, Add	*5.11*	
22 11 16 00-0998	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	46.92	9.19
		For Work In Restricted Working Space, Add	*6.88*	
22 11 16 00-0999	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	65.40	12.00
		For Work In Restricted Working Space, Add	*9.00*	
22 11 16 00-1000	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	81.08	13.26
		For Work In Restricted Working Space, Add	*9.96*	
22 11 16 00-1001	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	101.82	14.81
		For Work In Restricted Working Space, Add	*11.12*	
22 11 16 00-1002	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	164.79	16.84
		For Work In Restricted Working Space, Add	*12.66*	
22 11 16 00-1003	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	198.07	19.93
		For Work In Restricted Working Space, Add	*14.95*	
22 11 16 00-1004	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	311.99	24.48
		For Work In Restricted Working Space, Add	*18.40*	

22 11 16 00-1005 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0913)*

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22 11 16 00-1006	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	26.64	4.84
		For Work In Restricted Working Space, Add	*3.63*	
22 11 16 00-1007	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	32.54	6.77
		For Work In Restricted Working Space, Add	*5.11*	
22 11 16 00-1008	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	47.26	9.19
		For Work In Restricted Working Space, Add	*6.88*	
22 11 16 00-1009	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	66.57	12.00
		For Work In Restricted Working Space, Add	*9.00*	
22 11 16 00-1010	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	75.71	13.26
		For Work In Restricted Working Space, Add	*9.96*	
22 11 16 00-1011	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	97.44	14.81
		For Work In Restricted Working Space, Add	*11.12*	
22 11 16 00-1012	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	167.33	16.84
		For Work In Restricted Working Space, Add	*12.66*	
22 11 16 00-1013	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	242.35	19.93
		For Work In Restricted Working Space, Add	*14.95*	
22 11 16 00-1014	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	387.28	24.48
		For Work In Restricted Working Space, Add	*18.40*	

22 11 16 00-1015 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0913)*

22 11 16 00-1016	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	20.00	4.46
		For Work In Restricted Working Space, Add	*3.31*	
22 11 16 00-1017	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	28.16	6.19
		For Work In Restricted Working Space, Add	*4.64*	
22 11 16 00-1018	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	37.88	8.32
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-1019	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	52.75	10.94
		For Work In Restricted Working Space, Add	*8.19*	
22 11 16 00-1020	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	62.28	12.10
		For Work In Restricted Working Space, Add	*9.06*	
22 11 16 00-1021	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	70.93	13.45
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-1022	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	127.66	15.29
		For Work In Restricted Working Space, Add	*11.50*	
22 11 16 00-1023	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	135.51	18.10
		For Work In Restricted Working Space, Add	*13.59*	
22 11 16 00-1024	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	173.95	22.26
		For Work In Restricted Working Space, Add	*16.72*	
22 11 16 00-1025	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	304.03	28.35
		For Work In Restricted Working Space, Add	*21.25*	
22 11 16 00-1026	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	565.42	37.16
		For Work In Restricted Working Space, Add	*27.87*	

22 11 16 00-1027 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0913)*

22 11 16 00-1028	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	51.49	5.32
		For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-1029	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	58.67	7.45
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-1030	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	66.31	9.97
		For Work In Restricted Working Space, Add	*7.49*	
22 11 16 00-1031	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	129.94	13.07
		For Work In Restricted Working Space, Add	*9.81*	
22 11 16 00-1032	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	135.19	14.52
		For Work In Restricted Working Space, Add	*10.86*	
22 11 16 00-1033	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	204.69	16.16
		For Work In Restricted Working Space, Add	*12.14*	
22 11 16 00-1034	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	386.53	18.39
		For Work In Restricted Working Space, Add	*13.79*	
22 11 16 00-1035	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	569.05	21.78
		For Work In Restricted Working Space, Add	*16.31*	
22 11 16 00-1036	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	941.80	26.71
		For Work In Restricted Working Space, Add	*20.06*	
22 11 16 00-1037	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	1,266.62	33.96
		For Work In Restricted Working Space, Add	*25.49*	
22 11 16 00-1038	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	1,554.90	44.61
		For Work In Restricted Working Space, Add	*33.44*	

22 11 16 00-1039 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0913)*

22 11 16 00-1040	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	21.05	4.55
		For Work In Restricted Working Space, Add	*2.07*	
22 11 16 00-1041	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	28.80	5.71
		For Work In Restricted Working Space, Add	*2.61*	
22 11 16 00-1042	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	46.43	7.16
		For Work In Restricted Working Space, Add	*3.28*	
22 11 16 00-1043	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	52.56	5.42
		For Work In Restricted Working Space, Add	*4.09*	
22 11 16 00-1044	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	54.79	6.00
		For Work In Restricted Working Space, Add	*4.53*	
22 11 16 00-1045	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	80.75	6.77
		For Work In Restricted Working Space, Add	*5.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1046	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	134.23	7.64
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-1047	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	140.36	9.09
		For Work In Restricted Working Space, Add	*6.79*	
22 11 16 00-1048	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	226.43	11.13
		For Work In Restricted Working Space, Add	*8.36*	
22 11 16 00-1049	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	529.50	14.12
		For Work In Restricted Working Space, Add	*10.63*	
22 11 16 00-1050	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	680.87	18.58
		For Work In Restricted Working Space, Add	*13.93*	
22 11 16 00-1051		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges *(22 11 16 00-0913)*		
22 11 16 00-1052	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	42.94	3.49
		For Work In Restricted Working Space, Add	*2.64*	
22 11 16 00-1053	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	48.97	4.94
		For Work In Restricted Working Space, Add	*3.72*	
22 11 16 00-1054	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	57.41	6.67
		For Work In Restricted Working Space, Add	*4.99*	
22 11 16 00-1055	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	63.81	8.71
		For Work In Restricted Working Space, Add	*6.56*	
22 11 16 00-1056	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	67.11	9.68
		For Work In Restricted Working Space, Add	*7.26*	
22 11 16 00-1057	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	83.96	10.74
		For Work In Restricted Working Space, Add	*8.07*	
22 11 16 00-1058	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	119.74	12.29
		For Work In Restricted Working Space, Add	*9.20*	
22 11 16 00-1059	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	133.33	14.52
		For Work In Restricted Working Space, Add	*10.86*	
22 11 16 00-1060	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	167.69	17.80
		For Work In Restricted Working Space, Add	*13.38*	
22 11 16 00-1061	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	250.21	22.64
		For Work In Restricted Working Space, Add	*17.01*	
22 11 16 00-1062	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	510.86	29.71
		For Work In Restricted Working Space, Add	*22.30*	
22 11 16 00-1063		Red Brass Pipe And Fittings *(22 11 16)*		
		Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1064		Schedule 40 Red Brass Pipe *(22 11 16 00-1063)*		
22 11 16 00-1065	LF	1/2" Schedule 40 Red Brass Pipe	28.58	2.04
22 11 16 00-1066	LF	3/4" Schedule 40 Red Brass Pipe	37.98	2.04
22 11 16 00-1067	LF	1" Schedule 40 Red Brass Pipe	51.98	2.04
22 11 16 00-1068	LF	1-1/4" Schedule 40 Red Brass Pipe	76.37	2.23
22 11 16 00-1069	LF	1-1/2" Schedule 40 Red Brass Pipe	87.99	2.42
22 11 16 00-1070	LF	2" Schedule 40 Red Brass Pipe	112.80	2.90
22 11 16 00-1071	LF	2-1/2" Schedule 40 Red Brass Pipe	164.22	3.29
22 11 16 00-1072	LF	3" Schedule 40 Red Brass Pipe	232.23	3.49
22 11 16 00-1073	LF	4" Schedule 40 Red Brass Pipe	333.08	3.49
22 11 16 00-1074		125 LB Cast Bronze, Screwed, 90 Degree Elbows *(22 11 16 00-1063)*		
22 11 16 00-1075	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	57.17	24.09
22 11 16 00-1076	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	65.00	26.51
22 11 16 00-1077	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	82.15	31.35
22 11 16 00-1078	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	99.01	33.67
22 11 16 00-1079	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	111.33	36.09
22 11 16 00-1080	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	140.15	38.51
22 11 16 00-1081	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	242.10	48.19
22 11 16 00-1082	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	338.20	57.77
22 11 16 00-1083	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	604.82	77.02
22 11 16 00-1084		125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows *(22 11 16 00-1063)*		
22 11 16 00-1085	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	60.18	24.09
22 11 16 00-1086	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	69.37	26.51
22 11 16 00-1087	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	91.30	31.35
22 11 16 00-1088	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	111.00	33.67
22 11 16 00-1089	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	127.84	36.09
22 11 16 00-1090	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	176.21	38.51
22 11 16 00-1091	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	272.13	48.19
22 11 16 00-1092	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	430.53	57.77
22 11 16 00-1093	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	866.10	77.02
22 11 16 00-1094		125 LB Cast Bronze, Screwed, 45 Degree Elbows *(22 11 16 00-1063)*		
22 11 16 00-1095	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	58.70	24.09
22 11 16 00-1096	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	67.99	26.51
22 11 16 00-1097	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	88.17	31.35
22 11 16 00-1098	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	108.02	33.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1099	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	123.33	36.09
22 11 16 00-1100	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	159.68	38.51
22 11 16 00-1101	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	254.07	48.19
22 11 16 00-1102	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	358.70	57.77
22 11 16 00-1103	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	805.39	77.02
22 11 16 00-1104		**125 LB Cast Bronze, Screwed, Tees** *(22 11 16 00-1063)*		
22 11 16 00-1105	EA	1/2" 125 LB Cast Bronze, Screwed, Tee	82.78	36.09
22 11 16 00-1106	EA	3/4" 125 LB Cast Bronze, Screwed, Tee	93.99	39.48
22 11 16 00-1107	EA	1" 125 LB Cast Bronze, Screwed, Tee	120.49	46.74
22 11 16 00-1108	EA	1-1/4" 125 LB Cast Bronze, Screwed, Tee	147.73	50.61
22 11 16 00-1109	EA	1-1/2" 125 LB Cast Bronze, Screwed, Tee	160.46	53.89
22 11 16 00-1110	EA	2" 125 LB Cast Bronze, Screwed, Tee	202.72	57.77
22 11 16 00-1111	EA	2-1/2" 125 LB Cast Bronze, Screwed, Tee	342.80	72.28
22 11 16 00-1112	EA	3" 125 LB Cast Bronze, Screwed, Tee	476.55	86.70
22 11 16 00-1113	EA	4" 125 LB Cast Bronze, Screwed, Tee	982.35	115.53
22 11 16 00-1114		**125 LB Cast Bronze, Screwed, Reducing Tees** *(22 11 16 00-1063)*		
22 11 16 00-1115	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	87.27	36.09
22 11 16 00-1116	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	97.02	39.48
22 11 16 00-1117	EA	1" 125 LB Cast Bronze, Screwed, Reducing Tee	132.51	46.74
22 11 16 00-1118	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	156.74	50.61
22 11 16 00-1119	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	184.50	53.89
22 11 16 00-1120	EA	2" 125 LB Cast Bronze, Screwed, Reducing Tee	240.28	57.77
22 11 16 00-1121	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	415.85	72.28
22 11 16 00-1122	EA	3" 125 LB Cast Bronze, Screwed, Reducing Tee	793.99	86.70
22 11 16 00-1123	EA	4" 125 LB Cast Bronze, Screwed, Reducing Tee	1,232.74	115.53
22 11 16 00-1124		**125 LB Cast Bronze, Screwed, Crosses** *(22 11 16 00-1063)*		
22 11 16 00-1125	EA	1/2" 125 LB Cast Bronze, Screwed, Cross	117.37	48.19
22 11 16 00-1126	EA	3/4" 125 LB Cast Bronze, Screwed, Cross	136.00	52.93
22 11 16 00-1127	EA	1" 125 LB Cast Bronze, Screwed, Cross	171.80	62.60
22 11 16 00-1128	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cross	213.68	67.44
22 11 16 00-1129	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cross	253.06	72.28
22 11 16 00-1130	EA	2" 125 LB Cast Bronze, Screwed, Cross	371.20	77.02
22 11 16 00-1131	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cross	603.35	96.28
22 11 16 00-1132	EA	3" 125 LB Cast Bronze, Screwed, Cross	833.63	115.53
22 11 16 00-1133	EA	4" 125 LB Cast Bronze, Screwed, Cross	1,540.39	154.14
22 11 16 00-1134		**125 LB Cast Bronze, Screwed, Caps** *(22 11 16 00-1063)*		
22 11 16 00-1135	EA	1/2" 125 LB Cast Bronze, Screwed, Cap	27.67	14.33
22 11 16 00-1136	EA	3/4" 125 LB Cast Bronze, Screwed, Cap	31.37	15.78
22 11 16 00-1137	EA	1" 125 LB Cast Bronze, Screwed, Cap	41.81	18.58
22 11 16 00-1138	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cap	54.37	20.03
22 11 16 00-1139	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cap	64.09	21.48
22 11 16 00-1140	EA	2" 125 LB Cast Bronze, Screwed, Cap	88.77	22.93
22 11 16 00-1141	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cap	142.48	28.64
22 11 16 00-1142	EA	3" 125 LB Cast Bronze, Screwed, Cap	205.29	34.35
22 11 16 00-1143	EA	4" 125 LB Cast Bronze, Screwed, Cap	361.65	45.77
22 11 16 00-1144		**125 LB Cast Bronze, Screwed, Couplings** *(22 11 16 00-1063)*		
22 11 16 00-1145	EA	1/2" 125 LB Cast Bronze, Screwed, Coupling	55.69	24.09
22 11 16 00-1146	EA	3/4" 125 LB Cast Bronze, Screwed, Coupling	63.52	26.51
22 11 16 00-1147	EA	1" 125 LB Cast Bronze, Screwed, Coupling	80.64	31.35
22 11 16 00-1148	EA	1-1/4" 125 LB Cast Bronze, Screwed, Coupling	97.48	33.67
22 11 16 00-1149	EA	1-1/2" 125 LB Cast Bronze, Screwed, Coupling	111.33	36.09
22 11 16 00-1150	EA	2" 125 LB Cast Bronze, Screwed, Coupling	141.66	38.51
22 11 16 00-1151	EA	2-1/2" 125 LB Cast Bronze, Screwed, Coupling	201.50	48.19
22 11 16 00-1152	EA	3" 125 LB Cast Bronze, Screwed, Coupling	261.36	57.77
22 11 16 00-1153	EA	4" 125 LB Cast Bronze, Screwed, Coupling	454.57	77.02
22 11 16 00-1154		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers** *(22 11 16 00-1063)*		
22 11 16 00-1155	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	49.55	19.26
22 11 16 00-1156	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	56.65	21.67
22 11 16 00-1157	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	76.98	28.93
22 11 16 00-1158	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	92.56	31.35
22 11 16 00-1159	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	105.17	33.67
22 11 16 00-1160	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	128.08	36.09
22 11 16 00-1161	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	187.96	45.77
22 11 16 00-1162	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	228.49	52.93
22 11 16 00-1163	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	401.73	69.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1164		125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers *(22 11 16 00-1063)*		
22 11 16 00-1165	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	50.79	19.26
22 11 16 00-1166	EA	1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	93.34	26.51
22 11 16 00-1167	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	123.57	28.93
22 11 16 00-1168	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	145.15	31.35
22 11 16 00-1169	EA	2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	194.72	36.09
22 11 16 00-1170	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	301.58	45.77
22 11 16 00-1171	EA	3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	365.75	48.19
22 11 16 00-1172	EA	4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	413.71	62.60
22 11 16 00-1173		125 LB Cast Bronze, FIP Threaded, Unions *(22 11 16 00-1063)*		
22 11 16 00-1174	EA	1/2" 125 LB Cast Bronze, FIP Threaded, Union	62.57	19.26
		For 150 LB, Add	*9.62*	
22 11 16 00-1175	EA	3/4" 125 LB Cast Bronze, FIP Threaded, Union	75.43	21.19
		For 150 LB, Add	*13.22*	
22 11 16 00-1176	EA	1" 125 LB Cast Bronze, FIP Threaded, Union	93.66	25.06
		For 150 LB, Add	*17.43*	
22 11 16 00-1177	EA	1-1/4" 125 LB Cast Bronze, FIP Threaded, Union	117.02	27.00
		For 150 LB, Add	*25.23*	
22 11 16 00-1178	EA	1-1/2" 125 LB Cast Bronze, FIP Threaded, Union	132.94	28.93
		For 150 LB, Add	*30.06*	
22 11 16 00-1179	EA	2" 125 LB Cast Bronze, FIP Threaded, Union	157.30	32.70
		For 150 LB, Add	*36.72*	
22 11 16 00-1180	EA	2-1/2" 125 LB Cast Bronze, FIP Threaded, Union	273.25	48.38
		For 150 LB, Add	*70.60*	
		For 250 LB, Add	*150.02*	
		For 300 LB, Add	*211.79*	
22 11 16 00-1181	EA	3" 125 LB Cast Bronze, FIP Threaded, Union	399.94	63.62
		For 150 LB, Add	*109.08*	
		For 250 LB, Add	*231.79*	
		For 300 LB, Add	*327.23*	
22 11 16 00-1182	EA	4" 125 LB Cast Bronze, FIP Threaded, Union	742.49	70.45
		For 150 LB, Add	*240.60*	
		For 250 LB, Add	*511.28*	
		For 300 LB, Add	*721.80*	
22 11 16 00-1183		125 LB Cast Bronze, Screwed, Companion Flanges *(22 11 16 00-1063)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.		
22 11 16 00-1184	EA	1/2" 125 LB Cast Bronze, Screwed, Companion Flange	181.35	24.09
22 11 16 00-1185	EA	3/4" 125 LB Cast Bronze, Screwed, Companion Flange	197.12	28.93
22 11 16 00-1186	EA	1" 125 LB Cast Bronze, Screwed, Companion Flange	225.84	33.67
22 11 16 00-1187	EA	1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	257.99	36.09
22 11 16 00-1188	EA	1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	306.48	38.51
22 11 16 00-1189	EA	2" 125 LB Cast Bronze, Screwed, Companion Flange	387.84	40.93
22 11 16 00-1190	EA	2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	489.67	48.19
22 11 16 00-1191	EA	3" 125 LB Cast Bronze, Screwed, Companion Flange	606.62	60.19
22 11 16 00-1192	EA	4" 125 LB Cast Bronze, Screwed, Companion Flange	865.10	84.28
22 11 16 00-1193		125 LB Cast Bronze, Screwed, Square Head Plugs *(22 11 16 00-1063)*		
22 11 16 00-1194	EA	1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	17.17	
22 11 16 00-1195	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	17.82	
22 11 16 00-1196	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	27.50	
22 11 16 00-1197	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	32.00	
22 11 16 00-1198	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	36.66	
22 11 16 00-1199	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	55.36	
22 11 16 00-1200	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	84.42	
22 11 16 00-1201	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	124.35	
22 11 16 00-1202	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	211.39	
22 11 16 00-1203		125 LB Cast Bronze, Screwed, Counter Sunk Plugs *(22 11 16 00-1063)*		
22 11 16 00-1204	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	7.53	
22 11 16 00-1205	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	9.01	
22 11 16 00-1206	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	13.55	
22 11 16 00-1207	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	21.05	
22 11 16 00-1208	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	33.33	
22 11 16 00-1209	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	51.66	
22 11 16 00-1210	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	100.55	
22 11 16 00-1211	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	162.84	
22 11 16 00-1212	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	397.15	
22 11 16 00-1213		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings *(22 11 16 00-1063)*		
22 11 16 00-1214	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	6.00	
22 11 16 00-1215	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	7.53	
22 11 16 00-1216	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	10.54	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1217	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	18.04	
22 11 16 00-1218	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	25.57	
22 11 16 00-1219	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	31.59	
22 11 16 00-1220	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	79.64	
22 11 16 00-1221	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	117.23	
22 11 16 00-1222	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	256.77	
22 11 16 00-1223		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings *(22 11 16 00-1063)*		
22 11 16 00-1224	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.54	
22 11 16 00-1225	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	15.01	
22 11 16 00-1226	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	26.16	
22 11 16 00-1227	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	35.53	
22 11 16 00-1228	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	44.42	
22 11 16 00-1229	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	55.96	
22 11 16 00-1230	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	114.26	
22 11 16 00-1231	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	180.78	
22 11 16 00-1232	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	379.90	
22 11 16 00-1233		1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1234	EA	1/2" x Close, Red Brass Pipe Nipple	9.51	
22 11 16 00-1235	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	11.14	
22 11 16 00-1236	EA	1/2" x 2" Long, Red Brass Pipe Nipple	13.65	
22 11 16 00-1237	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	16.21	
22 11 16 00-1238	EA	1/2" x 3" Long, Red Brass Pipe Nipple	18.78	
22 11 16 00-1239	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	22.16	
22 11 16 00-1240	EA	1/2" x 4" Long, Red Brass Pipe Nipple	24.85	
22 11 16 00-1241	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	27.29	
22 11 16 00-1242	EA	1/2" x 5" Long, Red Brass Pipe Nipple	29.86	
22 11 16 00-1243	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	32.68	
22 11 16 00-1244	EA	1/2" x 6" Long, Red Brass Pipe Nipple	35.18	
22 11 16 00-1245		3/4" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1246	EA	3/4" x Close, Red Brass Pipe Nipple	13.90	
22 11 16 00-1247	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	14.65	
22 11 16 00-1248	EA	3/4" x 2" Long, Red Brass Pipe Nipple	17.72	
22 11 16 00-1249	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	20.85	
22 11 16 00-1250	EA	3/4" x 3" Long, Red Brass Pipe Nipple	23.66	
22 11 16 00-1251	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	27.17	
22 11 16 00-1252	EA	3/4" x 4" Long, Red Brass Pipe Nipple	30.55	
22 11 16 00-1253	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	34.30	
22 11 16 00-1254	EA	3/4" x 5" Long, Red Brass Pipe Nipple	37.44	
22 11 16 00-1255	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	43.13	
22 11 16 00-1256	EA	3/4" x 6" Long, Red Brass Pipe Nipple	45.32	
22 11 16 00-1257		1" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1258	EA	1" x Close, Red Brass Pipe Nipple	21.16	
22 11 16 00-1259	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	23.28	
22 11 16 00-1260	EA	1" x 2" Long, Red Brass Pipe Nipple	25.42	
22 11 16 00-1261	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple	30.24	
22 11 16 00-1262	EA	1" x 3" Long, Red Brass Pipe Nipple	34.18	
22 11 16 00-1263	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple	40.25	
22 11 16 00-1264	EA	1" x 4" Long, Red Brass Pipe Nipple	45.07	
22 11 16 00-1265	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple	49.83	
22 11 16 00-1266	EA	1" x 5" Long, Red Brass Pipe Nipple	54.71	
22 11 16 00-1267	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple	59.85	
22 11 16 00-1268	EA	1" x 6" Long, Red Brass Pipe Nipple	64.60	
22 11 16 00-1269		1-1/4" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1270	EA	1-1/4" x Close, Red Brass Pipe Nipple	31.30	
22 11 16 00-1271	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	33.35	
22 11 16 00-1272	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple	35.87	
22 11 16 00-1273	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	43.19	
22 11 16 00-1274	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple	50.45	
22 11 16 00-1275	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	59.22	
22 11 16 00-1276	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple	66.48	
22 11 16 00-1277	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	73.74	
22 11 16 00-1278	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple	81.07	
22 11 16 00-1279	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	88.70	
22 11 16 00-1280	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple	95.96	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1281		1-1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1282	EA	1-1/2" x Close, Red Brass Pipe Nipple	38.94	
22 11 16 00-1283	EA	1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	40.63	
22 11 16 00-1284	EA	1-1/2" x 2" Long, Red Brass Pipe Nipple	42.32	
22 11 16 00-1285	EA	1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	51.46	
22 11 16 00-1286	EA	1-1/2" x 3" Long, Red Brass Pipe Nipple	58.34	
22 11 16 00-1287	EA	1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	68.61	
22 11 16 00-1288	EA	1-1/2" x 4" Long, Red Brass Pipe Nipple	77.25	
22 11 16 00-1289	EA	1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	86.20	
22 11 16 00-1290	EA	1-1/2" x 5" Long, Red Brass Pipe Nipple	94.84	
22 11 16 00-1291	EA	1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	103.29	
22 11 16 00-1292	EA	1-1/2" x 6" Long, Red Brass Pipe Nipple	111.74	
22 11 16 00-1293		2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1294	EA	2" x Close, Red Brass Pipe Nipple	59.85	
22 11 16 00-1295	EA	2" x 1-1/2" Long, Red Brass Pipe Nipple	61.94	
22 11 16 00-1296	EA	2" x 2" Long, Red Brass Pipe Nipple	64.01	
22 11 16 00-1297	EA	2" x 2-1/2" Long, Red Brass Pipe Nipple	66.11	
22 11 16 00-1298	EA	2" x 3" Long, Red Brass Pipe Nipple	74.87	
22 11 16 00-1299	EA	2" x 3-1/2" Long, Red Brass Pipe Nipple	88.27	
22 11 16 00-1300	EA	2" x 4" Long, Red Brass Pipe Nipple	99.16	
22 11 16 00-1301	EA	2" x 4-1/2" Long, Red Brass Pipe Nipple	110.05	
22 11 16 00-1302	EA	2" x 5" Long, Red Brass Pipe Nipple	119.88	
22 11 16 00-1303	EA	2" x 5-1/2" Long, Red Brass Pipe Nipple	132.21	
22 11 16 00-1304	EA	2" x 6" Long, Red Brass Pipe Nipple	143.04	
22 11 16 00-1305		Cross-Linked Polyethylene Tubing, ASTM F877 *(22 11 16)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1306		Cross-Linked Polyethylene Tubing *(22 11 16 00-1305)*		
22 11 16 00-1307	LF	3/8" Cross-Linked Polyethylene Tubing	4.39	
		For Work In Restricted Working Space, Add	*0.91*	
22 11 16 00-1308	LF	1/2" Cross-Linked Polyethylene Tubing	4.79	
		For Work In Restricted Working Space, Add	*0.98*	
22 11 16 00-1309	LF	3/4" Cross-Linked Polyethylene Tubing	6.30	
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-1310	LF	1" Cross-Linked Polyethylene Tubing	8.47	
		For Work In Restricted Working Space, Add	*1.13*	
22 11 16 00-1311		Cross-Linked Polyethylene Forged Brass PEX Fittings *(22 11 16 00-1305)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1312		Male Adapters *(22 11 16 00-1311)*		
22 11 16 00-1313	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	21.15	
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-1314	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.83	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1315	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.14	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1316	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	26.19	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1317	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.14	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1318	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	33.84	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-1319		Female Adapters *(22 11 16 00-1311)*		
22 11 16 00-1320	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	23.46	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1321	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	26.87	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1322	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.92	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1323	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	26.87	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1324	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	34.63	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-1325		Tube Adapters *(22 11 16 00-1311)*		
22 11 16 00-1326	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	18.59	
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-1327	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	19.64	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1328	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	24.14	
		For Work In Restricted Working Space, Add	*5.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1329	EA	1" Forged Brass Tube Adapter For PEX Tubing	32.23	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-1330		**Plugs** *(22 11 16 00-1311)*		
22 11 16 00-1331	EA	3/8" Forged Brass Plug For PEX Tubing	9.56	
		For Work In Restricted Working Space, Add	*2.21*	
22 11 16 00-1332	EA	1/2" Forged Brass Plug For PEX Tubing	10.60	
		For Work In Restricted Working Space, Add	*2.52*	
22 11 16 00-1333	EA	3/4" Forged Brass Plug For PEX Tubing	12.28	
		For Work In Restricted Working Space, Add	*2.64*	
22 11 16 00-1334	EA	1" Forged Brass Plug For PEX Tubing	15.74	
		For Work In Restricted Working Space, Add	*3.15*	
22 11 16 00-1335		**Tees** *(22 11 16 00-1311)*		
22 11 16 00-1336	EA	3/8" Forged Brass Tee For PEX Tubing	26.67	
		For Work In Restricted Working Space, Add	*6.62*	
22 11 16 00-1337	EA	1/2" Forged Brass Tee For PEX Tubing	29.82	
		For Work In Restricted Working Space, Add	*7.57*	
22 11 16 00-1338	EA	3/4" Forged Brass Tee For PEX Tubing	36.11	
		For Work In Restricted Working Space, Add	*8.51*	
22 11 16 00-1339	EA	1" Forged Brass Tee For PEX Tubing	48.12	
		For Work In Restricted Working Space, Add	*9.46*	
22 11 16 00-1340	EA	1/2" Forged Brass Reducing Tee For PEX Tubing	28.76	
		For Work In Restricted Working Space, Add	*7.25*	
22 11 16 00-1341	EA	3/4" Forged Brass Reducing Tee For PEX Tubing	34.02	
		For Work In Restricted Working Space, Add	*7.88*	
22 11 16 00-1342	EA	1" Forged Brass Reducing Tee For PEX Tubing	43.70	
		For Work In Restricted Working Space, Add	*8.51*	
22 11 16 00-1343		**Couplings** *(22 11 16 00-1311)*		
22 11 16 00-1344	EA	3/8" Forged Brass Coupling For PEX Tubing	17.07	
		For Work In Restricted Working Space, Add	*4.41*	
22 11 16 00-1345	EA	1/2" Forged Brass Coupling For PEX Tubing	19.33	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1346	EA	3/4" Forged Brass Coupling For PEX Tubing	22.21	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1347	EA	1" Forged Brass Coupling For PEX Tubing	27.98	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-1348	EA	3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing	21.16	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1349	EA	1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing	26.92	
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-1350		**Fitting Reducers** *(22 11 16 00-1311)*		
22 11 16 00-1351	EA	3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing	19.06	
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-1352	EA	1/2" Forged Brass Fitting Reducer For PEX Tubing	20.11	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1353	EA	3/4" Forged Brass Fitting Reducer For PEX Tubing	25.09	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1354	EA	1" Forged Brass Fitting Reducer For PEX Tubing	37.62	
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-1355		**90 Degree Elbows** *(22 11 16 00-1311)*		
22 11 16 00-1356	EA	3/8" Forged Brass 90 Degree Elbow For PEX Tubing	18.49	
		For Work In Restricted Working Space, Add	*4.41*	
22 11 16 00-1357	EA	1/2" Forged Brass 90 Degree Elbow For PEX Tubing	20.59	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1358	EA	3/4" Forged Brass 90 Degree Elbow For PEX Tubing	25.09	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1359	EA	3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing	24.04	
		For Work In Restricted Working Space, Add	*5.36*	
22 11 16 00-1360	EA	1/2" Drop 90 Degree Elbow For PEX Tubing	30.42	
		For Work In Restricted Working Space, Add	*5.04*	
22 11 16 00-1361	EA	3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing	33.94	
		For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-1362	EA	3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing	32.89	
		For Work In Restricted Working Space, Add	*5.36*	

22 11 19 Domestic Water Piping Specialties *(22 11)*

22 11 19 00-0001 Rubber Hose And Clamps *(22 11 19)*

22 11 19 00-0002 General Purpose Hose *(22 11 19 00-0001)*

Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.

22 11 19 00-0003	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	6.63	2.09
22 11 19 00-0004	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	7.76	2.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0005	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	9.44	2.09
22 11 19 00-0006	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	9.52	2.09
22 11 19 00-0007	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	12.89	3.14
22 11 19 00-0008	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	21.12	3.14
22 11 19 00-0009	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	22.98	4.18
22 11 19 00-0010	LF	2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	43.70	4.18
22 11 19 00-0011		**Reinfored EPDM Water Hose Assembly** *(22 11 19 00-0001)*		
		Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	57.82	4.18
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	68.18	4.18
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	95.84	5.13
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	134.52	6.94
22 11 19 00-0016		**Chemical Resistant Rubber Hoses** *(22 11 19 00-0001)*		
22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,099.47	231.82
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,516.05	231.82
22 11 19 00-0019		**Water Pump Hose** *(22 11 19 00-0001)*		
22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	498.75	63.82
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	527.46	63.82
22 11 19 00-0022		**Barbed Hose x Threaded Male Pipe, Steel Coupling** *(22 11 19 00-0001)*		
22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	26.08	8.77
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	27.67	9.41
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	29.63	10.03
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	34.03	11.28
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	40.30	13.79
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	47.74	16.50
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	61.52	21.72
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	77.46	27.16
22 11 19 00-0031		**Worm-Drive Hose Clamp** *(22 11 19 00-0001)*		
22 11 19 00-0032	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	10.91	3.14
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	11.54	3.14
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	12.22	3.14
22 11 19 00-0035	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	13.01	3.14
22 11 19 00-0036	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	13.91	3.14
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	15.05	4.18
22 11 19 00-0038	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	16.25	4.18
22 11 19 00-0039		**Trap Primer And Accessories** *(22 11 19)*		
22 11 19 00-0040		**Trap Primer** *(22 11 19 00-0039)*		
22 11 19 00-0041	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	284.07	15.76
22 11 19 00-0042	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	174.02	10.51
22 11 19 00-0043	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	168.45	10.51
22 11 19 00-0044		**Trap Primer Distribution Unit** *(22 11 19 00-0039)*		
22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	142.97	21.02
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	157.97	21.02
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	227.63	28.26
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	345.87	32.15
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	461.60	34.05
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	581.10	39.93
22 11 19 00-0052		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0053		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0054	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	946.06	38.37
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0055	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,157.99	64.12
		For Back Flush Attachment, Add	*650.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0056	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,468.47	80.94
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0057		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)*		
		Note: Stainless steel float.		
22 11 19 00-0058	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	966.76	38.37
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0059	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,903.36	38.37
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0060	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	2,280.87	64.12
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0061	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	3,380.48	80.94
22 11 19 00-0062		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0052)*		
		Note: Stainless steel float.		
22 11 19 00-0063	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	2,074.13	38.37
22 11 19 00-0064	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,863.25	38.37
22 11 19 00-0065	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	3,346.84	64.12
22 11 19 00-0066	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	4,091.99	80.94
22 11 19 00-0067		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)*		
		Note: Watts 288A		
22 11 19 00-0068	EA	1/2" Brass, Anti Siphon Vacuum Breaker	100.00	26.27
22 11 19 00-0069	EA	3/4" Brass, Anti Siphon Vacuum Breaker	115.03	29.42
22 11 19 00-0070	EA	1" Brass, Anti Siphon Vacuum Breaker	239.58	33.62
22 11 19 00-0071	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	383.22	38.87
22 11 19 00-0072	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	457.88	43.07
22 11 19 00-0073	EA	2" Brass, Anti Siphon Vacuum Breaker	671.81	52.54
22 11 19 00-0074	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	1,772.13	65.67
22 11 19 00-0075		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)*		
		Note: Watts 800M4QT		
22 11 19 00-0076	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	301.04	26.27
22 11 19 00-0077	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	262.27	29.42
22 11 19 00-0078	EA	1" Anti Siphon Pressure Type Vacuum Breaker	376.32	33.62
22 11 19 00-0079	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	684.05	38.87
22 11 19 00-0080	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	833.30	43.07
22 11 19 00-0081	EA	2" Anti Siphon Pressure Type Vacuum Breaker	839.97	52.54
22 11 19 00-0082		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0083	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	277.58	12.56
22 11 19 00-0084	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	544.15	15.20
22 11 19 00-0085	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	798.82	15.20
22 11 19 00-0086	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,956.92	15.20
22 11 19 00-0087	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,204.98	15.20
22 11 19 00-0088	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,702.57	15.20
22 11 19 00-0089		**Piston Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0090		**Threaded Piston Type Water Hammer Arrestors** *(22 11 19 00-0089)*		
22 11 19 00-0091	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	167.71	7.00
22 11 19 00-0092	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	323.57	8.08
22 11 19 00-0093	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	481.74	8.76
22 11 19 00-0094	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,187.84	11.30
22 11 19 00-0095	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,446.67	14.01
22 11 19 00-0096	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,646.39	15.20
22 11 19 00-0097		**Escutcheons** *(22 11 19)*		
22 11 19 00-0098		**Brass Escutcheons** *(22 11 19 00-0097)*		
22 11 19 00-0099		**Shallow Brass Escutcheons** *(22 11 19 00-0098)*		
22 11 19 00-0100	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	12.53	2.63
22 11 19 00-0101	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	13.56	2.63

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0102		Deep Bell Brass Escutcheons *(22 11 19 00-0098)*		
22 11 19 00-0103	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	14.89	2.94
22 11 19 00-0104	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	14.93	2.94
22 11 19 00-0105		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0098)*		
22 11 19 00-0106	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.75	2.63
22 11 19 00-0107	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.02	2.63
22 11 19 00-0108	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.41	2.63
22 11 19 00-0109	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.85	2.63
22 11 19 00-0110	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.20	3.15
22 11 19 00-0111	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	27.59	3.15
22 11 19 00-0112	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.51	3.47
22 11 19 00-0113	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	29.76	3.68
22 11 19 00-0114	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	43.29	4.20
22 11 19 00-0115		Plastic Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0116		Split-Ring White Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0117	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	6.21	2.61
22 11 19 00-0118	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	6.21	2.61
22 11 19 00-0119	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	7.19	2.92
22 11 19 00-0120	EA	1" IPS, Split-Ring White Plastic Escutcheon	7.80	3.14
22 11 19 00-0121	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	8.40	3.45
22 11 19 00-0122	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	8.99	3.66
22 11 19 00-0123	EA	2" IPS, Split-Ring White Plastic Escutcheon	10.15	4.18
22 11 19 00-0124	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	12.72	4.49
22 11 19 00-0125	EA	3" IPS, Split-Ring White Plastic Escutcheon	15.31	4.70
22 11 19 00-0126	EA	4" IPS, Split-Ring White Plastic Escutcheon	18.40	5.23
22 11 19 00-0127		Chrome Plate Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0128	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	7.89	2.61
22 11 19 00-0129	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	8.63	2.92
22 11 19 00-0130	EA	1" IPS, Chrome Plate Plastic Escutcheon	9.65	3.14
22 11 19 00-0131	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	10.68	3.45
22 11 19 00-0132	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	11.28	3.66
22 11 19 00-0133	EA	2" IPS, Chrome Plate Plastic Escutcheon	14.05	4.18
22 11 19 00-0134	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	19.75	4.49
22 11 19 00-0135	EA	3" IPS, Chrome Plate Plastic Escutcheon	20.50	4.70
22 11 19 00-0136	EA	4" IPS, Chrome Plate Plastic Escutcheon	21.97	5.23
22 11 19 00-0137		Stainless Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0138		Shallow Stainless Steel Escutcheons *(22 11 19 00-0137)*		
22 11 19 00-0139	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	17.02	2.63
22 11 19 00-0140	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	17.02	2.63
22 11 19 00-0141	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	24.41	2.94
22 11 19 00-0142		Chrome Plated Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0143		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0144	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.05	2.61
22 11 19 00-0145	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.57	2.92
22 11 19 00-0146	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.24	3.14
22 11 19 00-0147	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.76	3.45
22 11 19 00-0148	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.29	3.66
22 11 19 00-0149	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.57	4.18
22 11 19 00-0150	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	15.57	4.49
22 11 19 00-0151	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.55	4.70
22 11 19 00-0152	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	20.89	5.01
22 11 19 00-0153	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.99	5.23
22 11 19 00-0154	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	23.80	5.75
22 11 19 00-0155	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	28.03	6.27
22 11 19 00-0156		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0157	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.64	2.61
22 11 19 00-0158	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.64	2.61
22 11 19 00-0159	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.33	2.92
22 11 19 00-0160	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.20	3.14
22 11 19 00-0161	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.56	3.45
22 11 19 00-0162	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.32	3.66
22 11 19 00-0163	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.07	4.18
22 11 19 00-0164	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	19.87	4.49
22 11 19 00-0165	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	24.72	4.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0166	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	30.88	5.01
22 11 19 00-0167	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.23	5.23
22 11 19 00-0168	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	53.33	5.75
22 11 19 00-0169	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	55.51	6.27
22 11 19 00-0170		**Deep Bell Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0171	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.53	2.94
22 11 19 00-0172	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.39	2.94
22 11 19 00-0173	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.11	2.94
22 11 19 00-0174	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.02	3.15
22 11 19 00-0175	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.71	3.47
22 11 19 00-0176	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.64	3.68
22 11 19 00-0177		**Shallow Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0178	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	6.58	2.63
22 11 19 00-0179	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	6.58	2.63
22 11 19 00-0180	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	6.71	2.63
22 11 19 00-0181	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	7.21	3.15
22 11 19 00-0182	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.80	3.47
22 11 19 00-0183	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	8.71	3.68
22 11 19 00-0184	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	9.85	4.20
22 11 19 00-0185		**Wall Hydrants** *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0186		**Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0187	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	842.17	26.27
		For Cast Bronze Box, Add	*43.74*	
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0188	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	885.45	31.52
		For Cast Bronze Box, Add	*43.74*	
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0189	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	906.97	37.93
		For Cast Bronze Box, Add	*43.74*	
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0190		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	832.83	44.13
		For Cast Bronze Box, Add	*43.74*	
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0192		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0193	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	443.27	32.58
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0194	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	554.01	32.58
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0195	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	554.01	32.58
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0196	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	554.01	32.58
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0197	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	579.78	65.67
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0198	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	579.78	65.67
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0199	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	656.87	65.67
		For 1" NPT Outlet, Add	*103.08*	
22 11 19 00-0200		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0185)* Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0201	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	412.45	26.27
22 11 19 00-0202	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	451.09	26.27
22 11 19 00-0203	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	456.36	26.27
22 11 19 00-0204	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	514.31	26.27
22 11 19 00-0205	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	726.75	36.78
22 11 19 00-0206	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	749.58	36.78
22 11 19 00-0207	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	749.58	36.78
22 11 19 00-0208	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	804.02	36.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0209		Washer Boxes And Dryer Outlets *(22 11 19)*		
22 11 19 00-0210		Dryer Vent Kit *(22 11 19 00-0209)* Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0211	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	71.46	13.66
22 11 19 00-0212		Washer Boxes And Dryer Vents *(22 11 19 00-0209)* Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0213	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	253.72	21.02
22 11 19 00-0214		Ice Maker Outlet Box *(22 11 19)* Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0215	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	135.06	21.02
22 11 19 00-0216	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	137.44	21.02
22 11 19 00-0217	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	199.52	21.02
22 11 19 00-0218		Tempering Controllers For Potable Hot Water *(22 11 19)*		
22 11 19 00-0219		Point-Of-Use Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0218)* Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0220	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	530.51	25.44
22 11 19 00-0221	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	133.43	25.44
22 11 19 00-0222	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	297.33	25.44
22 11 19 00-0223	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	339.15	34.26
22 11 19 00-0224		Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0218)* Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0225	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,454.71	36.68
22 11 19 00-0226	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,631.08	45.18
22 11 19 00-0227	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	1,961.64	52.56
22 11 19 00-0228	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,548.46	55.24
22 11 19 00-0229	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,422.50	71.67
22 11 19 00-0230		High Low Temperature Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0218)* Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0231	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	3,724.52	56.50
22 11 19 00-0232	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	4,851.05	65.69
22 11 19 00-0233	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	5,660.80	69.05
22 11 19 00-0234	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,265.66	89.58
22 11 19 00-0235		Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0218)* Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0236	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,051.07	36.68
22 11 19 00-0237	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,236.63	45.18
22 11 19 00-0238	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	1,521.08	52.56
22 11 19 00-0239	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	1,863.58	55.26
22 11 19 00-0240	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	2,772.98	71.67
22 11 19 00-0241		Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0218)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0242	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,121.28	52.54
22 11 19 00-0243	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,301.31	66.19
22 11 19 00-0244	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,631.94	79.85
22 11 19 00-0245	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,994.34	93.51
22 11 19 00-0246	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,757.33	122.93
22 11 19 00-0247	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,627.60	140.21

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22 11 19 00-0248		Thermostatic Mixing Valves (Holby) *(22 11 19 00-0218)*		
22 11 19 00-0249	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	4,965.75	71.69
22 11 19 00-0250		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0251		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0250)*		
22 11 19 00-0252		Threaded Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0253		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0254	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	393.38	28.16
		For Work In Restricted Working Space, Add	*21.12*	
		For Owner Furnished Material, Deduct	*-322.98*	
22 11 19 00-0255	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	464.42	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-364.61*	
22 11 19 00-0256	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	535.56	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-413.68*	
22 11 19 00-0257	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	749.61	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-607.77*	
22 11 19 00-0258	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	928.16	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-766.35*	
22 11 19 00-0259	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,069.32	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-859.18*	
22 11 19 00-0260		Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0261	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	485.80	28.16
		For Work In Restricted Working Space, Add	*21.12*	
		For Owner Furnished Material, Deduct	*-415.40*	
22 11 19 00-0262	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	599.78	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-499.97*	
22 11 19 00-0263	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	701.51	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-579.63*	
22 11 19 00-0264	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	986.06	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-844.22*	
22 11 19 00-0265	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,206.65	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-1,044.84*	
22 11 19 00-0266	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,453.81	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-1,243.67*	
22 11 19 00-0267		Flanged Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0268		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		
22 11 19 00-0269	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	5,318.28	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-5,008.63*	
22 11 19 00-0270	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	5,843.51	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-5,500.00*	
22 11 19 00-0271		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0272	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	5,827.38	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-5,517.73*	
22 11 19 00-0273	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	6,692.00	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-6,348.49*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0274		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*			
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).			
22 11 19 00-0275	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)		5,354.99	232.23
		For Work In Restricted Working Space, Add		*92.89*	
		For Owner Furnished Material, Deduct		*-5,045.36*	
22 11 19 00-0276	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)		4,083.66	261.27
		For Work In Restricted Working Space, Add		*103.06*	
		For Owner Furnished Material, Deduct		*-3,740.14*	
22 11 19 00-0277	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)		6,393.19	387.05
		For Work In Restricted Working Space, Add		*154.74*	
		For Owner Furnished Material, Deduct		*-5,877.39*	
22 11 19 00-0278	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)		9,725.09	575.42
		For Work In Restricted Working Space, Add		*311.84*	
		For Owner Furnished Material, Deduct		*-8,685.62*	
22 11 19 00-0279	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)		22,214.27	863.14
		For Work In Restricted Working Space, Add		*467.84*	
		For Owner Furnished Material, Deduct		*-20,654.81*	
22 11 19 00-0280	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)		28,531.44	1,020.91
		For Work In Restricted Working Space, Add		*556.86*	
		For Owner Furnished Material, Deduct		*-26,675.24*	
22 11 19 00-0281		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0267)*			
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).			
22 11 19 00-0282	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)		7,468.31	387.05
		For Work In Restricted Working Space, Add		*154.73*	
		For Owner Furnished Material, Deduct		*-6,952.56*	
22 11 19 00-0283	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)		12,426.98	575.42
		For Work In Restricted Working Space, Add		*311.84*	
		For Owner Furnished Material, Deduct		*-11,387.51*	
22 11 19 00-0284	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)		33,140.87	1,020.91
		For Work In Restricted Working Space, Add		*556.86*	
		For Owner Furnished Material, Deduct		*-31,284.67*	
22 11 19 00-0285		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*			
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).			
22 11 19 00-0286	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)		5,688.05	232.23
		For Work In Restricted Working Space, Add		*92.89*	
		For Owner Furnished Material, Deduct		*-5,378.42*	
22 11 19 00-0287	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)		6,250.02	261.27
		For Work In Restricted Working Space, Add		*103.05*	
		For Owner Furnished Material, Deduct		*-5,906.51*	
22 11 19 00-0288	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)		6,783.19	387.05
		For Work In Restricted Working Space, Add		*154.73*	
		For Owner Furnished Material, Deduct		*-6,267.44*	
22 11 19 00-0289	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)		11,383.47	575.42
		For Work In Restricted Working Space, Add		*311.84*	
		For Owner Furnished Material, Deduct		*-10,344.00*	
22 11 19 00-0290	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)		23,591.28	863.14
		For Work In Restricted Working Space, Add		*467.76*	
		For Owner Furnished Material, Deduct		*-22,032.07*	
22 11 19 00-0291	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)		30,308.50	1,020.91
		For Work In Restricted Working Space, Add		*556.86*	
		For Owner Furnished Material, Deduct		*-28,452.30*	
22 11 19 00-0292		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*			
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).			
22 11 19 00-0293	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)		3,387.12	232.23
		For Work In Restricted Working Space, Add		*92.89*	
		For Owner Furnished Material, Deduct		*-3,077.49*	
22 11 19 00-0294	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)		3,728.93	261.27
		For Work In Restricted Working Space, Add		*103.05*	
		For Owner Furnished Material, Deduct		*-3,385.42*	
22 11 19 00-0295	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)		4,209.09	387.05
		For Work In Restricted Working Space, Add		*154.73*	
		For Owner Furnished Material, Deduct		*-3,693.34*	
22 11 19 00-0296	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)		6,814.53	575.42
		For Work In Restricted Working Space, Add		*311.84*	
		For Owner Furnished Material, Deduct		*-5,775.06*	
22 11 19 00-0297	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)		12,976.99	863.14
		For Work In Restricted Working Space, Add		*467.76*	
		For Owner Furnished Material, Deduct		*-11,417.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0298	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	14,074.03	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-12,217.83*	

22 11 19 00-0299 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0300	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	4,479.08	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-4,169.45*	
22 11 19 00-0301	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	4,820.88	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-4,477.37*	
22 11 19 00-0302	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	6,033.79	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-5,518.04*	
22 11 19 00-0303	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	9,869.16	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-8,829.69*	
22 11 19 00-0304	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	17,504.26	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-15,945.05*	
22 11 19 00-0305	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	20,829.86	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-18,973.66*	

22 11 19 00-0306 Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).

22 11 19 00-0307	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	3,169.93	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-2,860.30*	
22 11 19 00-0308	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	3,521.62	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-3,178.11*	
22 11 19 00-0309	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,011.53	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-3,495.78*	
22 11 19 00-0310	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	6,659.33	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-5,619.86*	
22 11 19 00-0311	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	12,827.43	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-11,268.22*	
22 11 19 00-0312	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	14,491.63	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-12,635.43*	

22 11 19 00-0313 N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).

22 11 19 00-0314	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	4,170.33	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-3,860.70*	
22 11 19 00-0315	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	4,512.14	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-4,168.63*	
22 11 19 00-0316	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,725.42	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-5,209.67*	
22 11 19 00-0317	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	9,540.72	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-8,501.25*	
22 11 19 00-0318	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	17,007.13	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-15,447.92*	
22 11 19 00-0319	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	20,331.28	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-18,475.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0320		**Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0321	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,683.59	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-3,373.96*	
22 11 19 00-0322	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,025.39	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-3,681.88*	
22 11 19 00-0323	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,505.56	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-3,989.81*	
22 11 19 00-0324	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,118.47	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-6,079.00*	
22 11 19 00-0325	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	13,280.93	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-11,721.72*	
22 11 19 00-0326		**N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0327	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	4,775.54	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-4,465.91*	
22 11 19 00-0328	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,117.35	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-4,773.84*	
22 11 19 00-0329	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,330.26	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-5,814.51*	
22 11 19 00-0330	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	10,173.16	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-9,133.69*	
22 11 19 00-0331	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	13,280.93	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-11,721.72*	
22 11 19 00-0332		**Grooved Double Check Valve Assemblies** *(22 11 19 00-0251)*		
22 11 19 00-0333		**Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0334	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	3,169.93	123.86
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-2,860.30*	
22 11 19 00-0335	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	3,521.62	137.41
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-3,178.11*	
22 11 19 00-0336		**N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0337	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	4,170.33	123.86
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-3,860.70*	
22 11 19 00-0338	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	4,512.14	137.41
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-4,168.63*	
22 11 19 00-0339		**Reduced Pressure Zone Backflow Preventer Assemblies** *(22 11 19 00-0250)*		
22 11 19 00-0340		**Threaded Reduced Pressure Zone Assemblies** *(22 11 19 00-0339)*		
22 11 19 00-0341		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0340)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0342	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	436.59	24.37
		For Work In Restricted Working Space, Add	*18.28*	
		For Owner Furnished Material, Deduct	*-375.65*	
22 11 19 00-0343	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	461.14	26.90
		For Work In Restricted Working Space, Add	*20.18*	
		For Owner Furnished Material, Deduct	*-393.89*	
22 11 19 00-0344	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	537.00	28.16
		For Work In Restricted Working Space, Add	*21.12*	
		For Owner Furnished Material, Deduct	*-466.60*	
22 11 19 00-0345	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	721.24	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-621.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0346	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	855.76	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-733.88*	
22 11 19 00-0347	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,293.09	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-1,151.25*	
22 11 19 00-0348	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,367.20	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-1,205.39*	
22 11 19 00-0349	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,640.53	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-1,430.39*	

22 11 19 00-0350 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0351	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	482.07	24.37
		For Work In Restricted Working Space, Add	*18.28*	
		For Owner Furnished Material, Deduct	*-421.13*	
22 11 19 00-0352	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	509.07	26.90
		For Work In Restricted Working Space, Add	*20.18*	
		For Owner Furnished Material, Deduct	*-441.82*	
22 11 19 00-0353	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	602.68	39.93
		For Work In Restricted Working Space, Add	*21.12*	
		For Owner Furnished Material, Deduct	*-532.28*	
22 11 19 00-0354	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	824.45	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-724.64*	
22 11 19 00-0355	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	984.83	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-862.95*	
22 11 19 00-0356	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,469.10	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-1,327.26*	
22 11 19 00-0357	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,615.59	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-1,453.78*	
22 11 19 00-0358	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,945.27	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-1,735.13*	

22 11 19 00-0359 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0360	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	721.24	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-621.43*	
22 11 19 00-0361	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	855.76	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-733.88*	
22 11 19 00-0362	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,293.09	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-1,151.25*	
22 11 19 00-0363	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,367.20	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-1,205.39*	
22 11 19 00-0364	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,640.53	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-1,430.39*	

22 11 19 00-0365 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0366	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,487.87	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-1,388.06*	
22 11 19 00-0367	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,761.15	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-1,639.27*	
22 11 19 00-0368	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,709.98	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-2,568.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0369	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,929.75	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-2,767.94*	
22 11 19 00-0370	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	3,398.70	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-3,188.56*	

22 11 19 00-0371 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0372	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,003.83	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-1,904.02*	
22 11 19 00-0373	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,382.03	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-2,260.15*	
22 11 19 00-0374	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	3,631.62	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-3,489.78*	
22 11 19 00-0375	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	3,967.06	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-3,805.25*	
22 11 19 00-0376	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,712.22	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-4,502.08*	

22 11 19 00-0377 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0378	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	824.45	39.93
		For Work In Restricted Working Space, Add	*29.94*	
		For Owner Furnished Material, Deduct	*-724.64*	
22 11 19 00-0379	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	984.83	48.75
		For Work In Restricted Working Space, Add	*36.56*	
		For Owner Furnished Material, Deduct	*-862.95*	
22 11 19 00-0380	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,469.10	56.74
		For Work In Restricted Working Space, Add	*42.55*	
		For Owner Furnished Material, Deduct	*-1,327.26*	
22 11 19 00-0381	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,615.59	65.14
		For Work In Restricted Working Space, Add	*48.54*	
		For Owner Furnished Material, Deduct	*-1,453.78*	
22 11 19 00-0382	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,945.27	84.05
		For Work In Restricted Working Space, Add	*63.04*	
		For Owner Furnished Material, Deduct	*-1,735.13*	

22 11 19 00-0383 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*

22 11 19 00-0384 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).

22 11 19 00-0385	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	4,891.50	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-4,581.85*	
22 11 19 00-0386	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	5,511.71	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-5,168.20*	

22 11 19 00-0387 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).

22 11 19 00-0388	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	5,831.18	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-5,521.53*	
22 11 19 00-0389	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	6,603.35	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-6,259.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 19 00-0390 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).

22 11 19 00-0391	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	5,251.16	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-4,941.51*	
22 11 19 00-0392	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,109.45	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-5,765.94*	

22 11 19 00-0393 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)

22 11 19 00-0394	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	5,831.18	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-5,521.53*	
22 11 19 00-0395	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	6,603.35	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-6,259.84*	

22 11 19 00-0396 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).

22 11 19 00-0397	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	6,473.24	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-6,163.59*	
22 11 19 00-0398	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	7,491.10	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-7,147.59*	

22 11 19 00-0399 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).

22 11 19 00-0400	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	8,400.69	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-8,091.06*	
22 11 19 00-0401	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	9,543.95	261.27
		For Work In Restricted Working Space, Add	*103.06*	
		For Owner Furnished Material, Deduct	*-9,200.43*	
22 11 19 00-0402	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	12,017.29	387.05
		For Work In Restricted Working Space, Add	*154.74*	
		For Owner Furnished Material, Deduct	*-11,501.49*	
22 11 19 00-0403	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	18,166.65	575.42
		For Work In Restricted Working Space, Add	*436.61*	
		For Owner Furnished Material, Deduct	*-16,711.29*	
22 11 19 00-0404	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	30,130.37	863.14
		For Work In Restricted Working Space, Add	*654.91*	
		For Owner Furnished Material, Deduct	*-27,947.34*	
22 11 19 00-0405	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	38,871.83	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-37,015.63*	

22 11 19 00-0406 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).

22 11 19 00-0407	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	9,052.89	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-8,743.26*	
22 11 19 00-0408	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	10,230.33	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-9,886.82*	
22 11 19 00-0409	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	13,069.62	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-12,553.87*	
22 11 19 00-0410	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	19,731.61	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-18,692.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0411	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	31,952.11	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-30,392.90*	
22 11 19 00-0412	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	43,361.84	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-41,505.64*	
22 11 19 00-0413		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0383)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		
22 11 19 00-0414	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	8,937.65	232.23
		For Work In Restricted Working Space, Add	*92.89*	
		For Owner Furnished Material, Deduct	*-8,628.02*	
22 11 19 00-0415	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	10,159.43	261.27
		For Work In Restricted Working Space, Add	*103.06*	
		For Owner Furnished Material, Deduct	*-9,815.91*	
22 11 19 00-0416	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	12,782.20	387.05
		For Work In Restricted Working Space, Add	*154.74*	
		For Owner Furnished Material, Deduct	*-12,266.40*	
22 11 19 00-0417	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	18,865.80	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-17,826.33*	
22 11 19 00-0418	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	31,370.57	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-29,811.36*	
22 11 19 00-0419	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	41,338.15	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-39,481.95*	
22 11 19 00-0420		**Double Check Detector Assemblies** *(22 11 19 00-0250)*		
22 11 19 00-0421		**Flanged Double Check Detector Assemblies With Meter** *(22 11 19 00-0420)*		
22 11 19 00-0422		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0421)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0423	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	6,704.73	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-6,361.22*	
22 11 19 00-0424	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	7,024.57	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-6,508.82*	
22 11 19 00-0425	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	9,491.39	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-8,451.92*	
22 11 19 00-0426	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	16,836.55	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-15,277.34*	
22 11 19 00-0427	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	22,735.17	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-20,878.97*	
22 11 19 00-0428		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0421)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0429	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,022.26	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-4,712.61*	
22 11 19 00-0430	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,363.73	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-5,020.22*	
22 11 19 00-0431	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,851.18	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-5,335.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0432	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,967.47	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-6,928.00*	
22 11 19 00-0433	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	14,082.18	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-12,522.97*	
22 11 19 00-0434	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	16,606.59	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
		For Owner Furnished Material, Deduct	*-14,750.39*	
22 11 19 00-0435		Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0421)*		
		Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0436	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	5,318.79	232.23
		For Work In Restricted Working Space, Add	*92.90*	
		For Owner Furnished Material, Deduct	*-5,009.14*	
22 11 19 00-0437	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	5,660.26	261.27
		For Work In Restricted Working Space, Add	*103.05*	
		For Owner Furnished Material, Deduct	*-5,316.75*	
22 11 19 00-0438	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,147.64	387.05
		For Work In Restricted Working Space, Add	*154.73*	
		For Owner Furnished Material, Deduct	*-5,631.89*	
22 11 19 00-0439	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	8,271.40	575.42
		For Work In Restricted Working Space, Add	*311.84*	
		For Owner Furnished Material, Deduct	*-7,231.93*	
22 11 19 00-0440	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	13,717.52	863.14
		For Work In Restricted Working Space, Add	*467.76*	
		For Owner Furnished Material, Deduct	*-12,158.31*	
22 11 19 00-0441		Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0420)*		
22 11 19 00-0442		Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0441)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0443	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	4,928.63	232.23
		For Work In Restricted Working Space, Add	*92.90*	
22 11 19 00-0444	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,270.14	261.27
		For Work In Restricted Working Space, Add	*103.05*	
22 11 19 00-0445	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,757.59	387.05
		For Work In Restricted Working Space, Add	*154.73*	
22 11 19 00-0446	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	7,873.88	575.42
		For Work In Restricted Working Space, Add	*311.84*	
22 11 19 00-0447	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	13,988.66	863.14
		For Work In Restricted Working Space, Add	*467.76*	
22 11 19 00-0448	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	16,512.94	1,020.91
		For Work In Restricted Working Space, Add	*556.86*	
22 11 19 00-0449		Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0441)*		
		Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0450	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	5,225.14	232.23
		For Work In Restricted Working Space, Add	*92.90*	
22 11 19 00-0451	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	5,566.61	261.27
		For Work In Restricted Working Space, Add	*103.05*	
22 11 19 00-0452	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,054.06	387.05
		For Work In Restricted Working Space, Add	*154.73*	
22 11 19 00-0453	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	8,177.75	575.42
		For Work In Restricted Working Space, Add	*311.84*	
22 11 19 00-0454	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	14,292.60	863.14
		For Work In Restricted Working Space, Add	*467.76*	
22 11 19 00-0455		Backflow Preventer Accessories *(22 11 19 00-0250)*		
22 11 19 00-0456		Air Gap *(22 11 19 00-0455)*		
22 11 19 00-0457	EA	Up To 1" Diameter Air Gap For Backflow Preventer	112.22	13.13
22 11 19 00-0458	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	138.08	15.76
22 11 19 00-0459	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	258.93	21.02
22 11 19 00-0460	EA	4" To 6" Diameter Air Gap For Backflow Preventer	511.97	36.78
22 11 19 00-0461	EA	8" To 10" Diameter Air Gap For Backflow Preventer	543.50	52.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0462		**Brass Test Cocks** *(22 11 19 00-0455)*		
22 11 19 00-0463	EA	1/8" Or 1/4" Brass Test Cock	45.68	5.25
22 11 19 00-0464		**Backflow Valve Enclosures** *(22 11 19 00-0250)*		
22 11 19 00-0465		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0466	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,198.84	94.56
		For Heated Enclosure, Add	*156.18*	
22 11 19 00-0467	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,490.18	94.56
		For Heated Enclosure, Add	*199.89*	
22 11 19 00-0468	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,913.47	87.09
		For Heated Enclosure, Add	*265.25*	
22 11 19 00-0469	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,969.45	116.12
		For Heated Enclosure, Add	*266.39*	
22 11 19 00-0470	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,068.25	116.12
		For Heated Enclosure, Add	*281.21*	
22 11 19 00-0471	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,453.33	116.12
		For Heated Enclosure, Add	*338.97*	
22 11 19 00-0472	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,463.47	116.12
		For Heated Enclosure, Add	*340.49*	
22 11 19 00-0473	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,119.62	116.12
		For Heated Enclosure, Add	*438.91*	
22 11 19 00-0474	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	7,254.63	174.17
		For Heated Enclosure, Add	*1,044.65*	
22 11 19 00-0475	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	10,565.80	174.17
		For Heated Enclosure, Add	*1,541.33*	
22 11 19 00-0476	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	10,033.78	174.17
		For Heated Enclosure, Add	*1,461.52*	
22 11 19 00-0477	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	12,086.09	203.21
		For Heated Enclosure, Add	*1,762.11*	
22 11 19 00-0478		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0479	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	675.38	25.22
		For Heated Enclosure, Add	*126.67*	
22 11 19 00-0480	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	943.92	25.22
		For Heated Enclosure, Add	*180.38*	
22 11 19 00-0481	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,188.87	23.23
		For Heated Enclosure, Add	*230.03*	
22 11 19 00-0482	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,801.95	23.23
		For Heated Enclosure, Add	*352.65*	
22 11 19 00-0483	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,673.25	43.54
		For Heated Enclosure, Add	*920.13*	
22 11 19 00-0484	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,388.37	43.54
		For Heated Enclosure, Add	*1,263.16*	
22 11 19 00-0485	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,247.64	43.54
		For Heated Enclosure, Add	*835.01*	
22 11 19 00-0486	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,810.06	43.54
		For Heated Enclosure, Add	*947.50*	
22 11 19 00-0487	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	7,538.54	43.54
		For Heated Enclosure, Add	*1,493.19*	
22 11 19 00-0488		**Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets** *(22 11 19 00-0464)*		
		Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.		
22 11 19 00-0489	EA	22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures	736.11	94.56
		Note: BP-1		
22 11 19 00-0490	EA	30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures	817.22	116.12
		Note: BP-2		
22 11 19 00-0491	EA	40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures	889.53	116.12
		Note: BP-3		
22 11 19 00-0492	EA	46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures	1,095.62	116.12
		Note: BP-4		
22 11 19 00-0493		**Sectional, Insulated Aluminum Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0494	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	9,465.89	189.13
		For Heated Enclosure, Add	*1,372.60*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0495	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	10,446.32	189.13
		For Heated Enclosure, Add	*1,519.67*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0496	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	7,373.70	174.17
		For Heated Enclosure, Add	*1,062.51*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0497	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,098.26	174.17
		For Heated Enclosure, Add	*1,171.20*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0498	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	9,403.46	232.23
		For Heated Enclosure, Add	*1,352.46*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0499	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,563.76	232.23
		For Heated Enclosure, Add	*1,526.51*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0500	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,563.76	232.23
		For Heated Enclosure, Add	*1,526.51*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0501	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,688.59	232.23
		For Heated Enclosure, Add	*1,695.23*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0502	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	8,757.19	203.21
		For Heated Enclosure, Add	*1,262.78*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0503	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	10,257.22	232.23
		For Heated Enclosure, Add	*1,480.53*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0504	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	12,012.87	232.23
		For Heated Enclosure, Add	*1,743.87*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0505	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	13,192.30	246.75
		For Heated Enclosure, Add	*1,917.16*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0506	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	13,518.95	267.93
		For Heated Enclosure, Add	*1,960.86*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0507	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	14,994.32	283.69
		For Heated Enclosure, Add	*2,178.23*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0508	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	15,537.10	261.27
		For Heated Enclosure, Add	*2,265.25*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0509	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	11,252.85	232.23
		For Heated Enclosure, Add	*1,629.87*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0510	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	12,005.27	232.23
		For Heated Enclosure, Add	*1,742.73*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0511	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	13,595.12	246.75
		For Heated Enclosure, Add	*1,977.58*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0512	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	16,502.33	261.27
		For Heated Enclosure, Add	*2,410.03*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0513	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	14,376.80	116.12
		For Heated Enclosure, Add	*2,091.20*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0514	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	17,301.74	116.12
		For Heated Enclosure, Add	*2,526.32*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0515	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	16,721.59	174.17
		For Heated Enclosure, Add	*2,439.29*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0516	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	19,412.32	174.17
		For Heated Enclosure, Add	*2,835.65*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0517	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	17,906.08	174.17
		For Heated Enclosure, Add	*2,613.34*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0518	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	20,941.35	203.21
		For Heated Enclosure, Add	*3,061.37*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0519	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	20,989.73	174.17
		For Heated Enclosure, Add	*3,061.37*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0520	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	24,926.90	174.17
		For Heated Enclosure, Add	*3,644.69*	
		For One 24" Fluorescent Light Fixture, Add	*765.84*	
		For Two 24" Fluorescent Light Fixture, Add	*1,370.45*	
22 11 19 00-0521		Faucets (Hose Bibbs) *(22 11 19)*		
22 11 19 00-0522		Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0521)*		
22 11 19 00-0523	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	56.96	10.51
22 11 19 00-0524	EA	3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	65.79	11.56
22 11 19 00-0525	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	16.55	7.88
22 11 19 00-0526		Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0521)*		
22 11 19 00-0527	EA	3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	208.37	32.15
22 11 19 00-0528		Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0521)*		
22 11 19 00-0529	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	124.54	26.27
22 11 19 00-0530	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	135.02	29.10
22 11 19 00-0531	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	142.87	30.78
22 11 19 00-0532	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	150.72	32.99
22 11 19 00-0533	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	158.68	34.98
22 11 19 00-0534		Keyed, Recessed Valve Boxes *(22 11 19)*		
22 11 19 00-0535	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	294.68	31.34
22 11 19 00-0536	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	327.82	31.34
22 11 19 00-0537	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	377.54	31.34
22 11 19 00-0538	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	365.28	41.78
22 11 19 00-0539	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	415.00	41.78
22 11 19 00-0540	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	429.92	41.78
22 11 19 00-0541	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	347.71	31.34
22 11 19 00-0542	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	420.63	31.34
22 11 19 00-0543	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	485.26	31.34
22 11 19 00-0544	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	458.09	41.78
22 11 19 00-0545	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	522.73	41.78
22 11 19 00-0546	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	547.59	41.78
22 11 23		**Domestic Water Pumps** *(22 11)*		
22 11 23 13		**Domestic Water Packaged Booster Pumps** *(22 11 23)*		
		Note: Includes motor starter and controls.		
22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	11,729.90	309.65
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	12,163.27	416.09
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	12,680.27	522.52
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	13,155.44	628.96
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	14,550.57	735.40
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,154.80	841.85
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,257.21	948.29
22 11 23 13-0009		Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	31,450.81	1,256.13
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	37,938.29	1,334.63
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	44,452.44	1,413.15
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	41,503.11	1,334.63
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	51,752.99	1,413.15
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	64,385.07	1,570.16
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	81,651.94	1,727.18
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	98,918.80	1,884.20
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	115,262.31	2,119.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	131,605.82	2,355.24
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	147,949.33	2,590.77
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	164,489.12	2,904.80

22 11 23 13-0023 Variable Speed Duplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	38,601.48	1,415.04
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	40,401.48	1,415.04
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	42,973.47	1,415.04
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	46,680.97	1,415.04
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	43,982.19	1,503.47
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	47,218.67	1,503.47
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	51,614.12	1,503.47
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	55,186.76	1,503.47
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	48,082.77	1,591.91
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	51,278.21	1,591.91
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	58,423.50	1,591.91
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	70,415.70	1,591.91
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	50,828.70	1,591.91
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	57,346.63	1,591.91
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	71,693.88	1,591.91
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	71,279.54	1,591.91
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	85,078.11	1,768.79
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	58,205.11	1,768.79
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	71,270.28	1,768.79
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	70,857.90	1,768.79
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	85,719.16	1,768.79
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	103,897.03	1,768.79
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	48,983.25	1,415.04

22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	48,983.25	1,415.04
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	54,881.63	1,415.04
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	59,970.89	1,415.04
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	55,102.72	1,503.47
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	60,156.80	1,503.47
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	56,283.18	1,503.47
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	60,627.81	1,503.47
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	66,602.41	1,503.47
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	71,554.86	1,503.47
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	56,789.62	1,591.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	61,134.25	1,591.91
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	67,106.90	1,591.91
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	72,059.35	1,591.91
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	61,675.62	1,591.91
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	65,848.27	1,591.91
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	76,157.73	1,591.91
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	92,981.20	1,591.91
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	62,969.94	1,768.79
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	67,144.54	1,768.79
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	77,454.00	1,768.79
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	94,275.52	1,768.79
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	66,468.32	1,768.79
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	75,837.71	1,768.79
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	96,190.83	1,768.79
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	98,162.82	1,768.79
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	121,789.56	1,768.79
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	75,277.80	2,122.55
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	90,719.51	2,122.55
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	96,574.90	2,122.55
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	116,660.26	2,122.55
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	144,766.49	2,122.55

22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,110.53	174.17
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,142.61	174.17
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,198.25	177.56
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,326.24	184.82
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,450.66	191.71
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,620.91	191.71
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	3,956.81	211.07
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,119.99	231.89
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	5,001.54	255.13
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,101.43	280.78
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,578.21	308.38
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	8,047.91	339.36
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,289.19	355.82

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,160.43	174.17
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	2,003.12	174.17
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,010.12	177.56
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,044.48	181.43
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,051.24	184.82
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,088.16	191.71
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,564.72	211.07
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,318.02	255.13
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,489.42	280.78
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,083.42	308.38
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,551.52	339.36
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,511.95	355.82
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,817.46	373.74
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,248.73	410.82
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,865.01	435.70
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	8,744.04	484.11
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	9,239.00	581.03
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	11,818.79	678.04

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			22 12 Facility Potable-Water Storage Tanks *(22 10)*		
			22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*		
			22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*		
	22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*		
	22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,529.81	387.05
	22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,132.57	483.82
	22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	5,907.49	532.20
	22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	6,535.80	580.58
	22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	13,165.44	628.96
	22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	11,297.07	677.34
	22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	19,544.73	725.73
	22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	17,974.42	774.11
	22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	19,532.96	822.49
	22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	23,311.29	870.87
	22 12 23 13-0012		Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*		
	22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,145.47	387.05
	22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,215.08	483.82
	22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,296.24	532.20
	22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	6,573.63	580.58
	22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	5,552.40	580.58
	22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	8,680.76	628.96
	22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	9,396.11	677.34
	22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	8,932.18	677.34
	22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,129.65	677.34
	22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	11,193.95	725.73
	22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	12,147.93	774.11
	22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	14,130.27	822.49
	22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	26,747.61	870.87
			22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*		
	22 12 23 26-0001		Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)* Note: Excludes excavation and backfill.		
	22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	664.40	217.72
			For Saddle Assembly, Add	*745.35*	
	22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	778.42	254.01
			For Saddle Assembly, Add	*745.35*	
	22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	925.25	290.29
			For Saddle Assembly, Add	*856.93*	
	22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,131.17	326.57
			For Saddle Assembly, Add	*1,292.33*	
	22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,361.15	362.87
			For Two Tie Down Bands, Add	*425.40*	
	22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,765.03	501.83
			For Two Tie Down Bands, Add	*456.03*	
	22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,658.22	585.47
			For Three Tie Down Bands, Add	*782.50*	
	22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,856.72	669.11
			For Three Tie Down Bands, Add	*789.07*	
	22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,823.71	752.75
			For Four Tie Down Bands, Add	*1,069.59*	
	22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,656.05	836.38
			For Four Tie Down Bands, Add	*1,515.92*	
	22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	8,118.55	920.03
			For Four Tie Down Bands, Add	*2,006.01*	
	22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,411.54	1,003.66
			For Four Tie Down Bands, Add	*2,172.29*	
	22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	13,531.29	1,338.21
			For Four Tie Down Bands, Add	*2,461.09*	
	22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	17,552.45	1,338.21
			For Five Tie Down Bands, Add	*3,874.96*	
	22 12 23 26-0016		Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*		
	22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	717.40	290.29
	22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	870.69	308.44
	22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	958.33	326.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,166.42	362.87
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,326.63	435.44
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,567.79	508.01
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,213.61	669.11
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,869.85	836.38
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,871.78	1,003.66
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,079.37	1,170.94
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	7,518.74	1,338.21
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	10,216.30	1,505.49
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	11,585.79	1,672.77
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	12,767.13	1,840.04
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	14,722.99	2,007.32
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	16,641.65	2,174.59
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	20,638.82	2,341.87
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	24,848.07	2,676.43

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,142.82
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,605.40
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,024.27
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	680.99
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	804.14
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,002.86
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,086.09
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	653.01
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,024.27
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,041.06
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	992.66
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,142.82
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,799.67
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,110.31

22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,519.86
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	2,151.27
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,309.42
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	833.49
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,086.90
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,157.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	780.74	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,319.07	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,107.50	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,083.34	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,519.86	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	759.48	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	1,075.63	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	655.18	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	417.23	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	543.47	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	578.57	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	414.55	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	659.06	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	553.75	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	542.13	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	752.68	
22 13 13 00-0041		**Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	540.20	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	596.10	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	512.91	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	309.20	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	362.42	
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	492.38	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	498.97	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	305.93	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	512.91	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	544.91	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	502.48	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	540.09	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	834.20	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	520.13	
22 13 13 00-0056		Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	657.74	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	780.21	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	571.89	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	344.16	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	505.30	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	527.76	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	335.21	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	580.50	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	560.14	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	538.55	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	657.74	
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	328.48	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	389.63	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	286.23	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	172.12	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	252.62	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	263.64	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	167.59	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	290.16	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	280.10	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	269.69	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	322.06	

22 13 16 Sanitary Waste and Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	37.01	6.10
		For Work In Restricted Working Space, Add	*4.47*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	53.31	9.19
		For Work In Restricted Working Space, Add	*6.07*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	69.27	11.70
		For Work In Restricted Working Space, Add	*7.80*	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	82.92	14.48
		For Work In Restricted Working Space, Add	*8.15*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	98.06	15.77
		For Work In Restricted Working Space, Add	*9.05*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	157.72	22.43
		For Work In Restricted Working Space, Add	*12.70*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	237.20	22.43
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0010		**Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0001)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	29.77	5.81
		For Work In Restricted Working Space, Add	*5.10*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.51	6.19
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	40.34	9.00
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.43	11.70
		For Work In Restricted Working Space, Add	*8.03*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	65.22	14.20
		For Work In Restricted Working Space, Add	*9.64*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	74.03	15.50
		For Work In Restricted Working Space, Add	*10.50*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	117.31	22.24
		For Work In Restricted Working Space, Add	*14.48*	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	167.13	25.28
		For Work In Restricted Working Space, Add	*16.83*	
22 13 16 00-0019		**Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)* Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	26.90	6.10
		For Extra Heavy Pipe, Add	*7.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.46*	
		For Work In Restricted Working Space, Add	*2.76*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	39.18	9.19
		For Extra Heavy Pipe, Add	*10.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.69*	
		For Work In Restricted Working Space, Add	*4.15*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	50.57	11.70
		For Extra Heavy Pipe, Add	*13.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.88*	
		For Work In Restricted Working Space, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	68.20	14.48
		For Extra Heavy Pipe, Add	*19.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.08*	
		For Work In Restricted Working Space, Add	*6.50*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	80.30	15.77
		For Extra Heavy Pipe, Add	*23.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.18*	
		For Work In Restricted Working Space, Add	*7.09*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	121.80	22.43
		For Extra Heavy Pipe, Add	*37.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.68*	
		For Work In Restricted Working Space, Add	*10.10*	
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	184.62	25.28
		For Extra Heavy Pipe, Add	*61.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.89*	
		For Work In Restricted Working Space, Add	*11.36*	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	263.67	33.70
		For Extra Heavy Pipe, Add	*89.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.52*	
		For Work In Restricted Working Space, Add	*15.14*	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	372.18	40.42
		For Extra Heavy Pipe, Add	*130.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0030		Bell And Spigot Cast Iron Fittings *(22 13 16 00-0019)*		
22 13 16 00-0031		Bell And Spigot Cast Iron Long Sweeps *(22 13 16 00-0030)*		
22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	112.66	27.77
		For Extra Heavy Fittings, Add	*24.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	196.43	34.93
		For Extra Heavy Fittings, Add	*50.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	261.72	46.44
		For Extra Heavy Fittings, Add	*67.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	415.26	61.25
		For Extra Heavy Fittings, Add	*113.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.59*	
		For Work In Restricted Working Space, Add	*27.54*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	839.73	78.95
		For Extra Heavy Fittings, Add	*252.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.50*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	1,153.23	97.12
		For Extra Heavy Fittings, Add	*352.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.69*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	1,774.19	135.55
		For Extra Heavy Fittings, Add	*549.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.16*	
		For Work In Restricted Working Space, Add	*60.97*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	3,321.35	188.75
		For Extra Heavy Fittings, Add	*1,063.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.15*	
		For Work In Restricted Working Space, Add	*84.90*	
22 13 16 00-0040		Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0030)*		
22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	93.90	27.77
		For Extra Heavy Fittings, Add	*18.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	164.96	34.93
		For Extra Heavy Fittings, Add	*39.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	226.33	46.44
		For Extra Heavy Fittings, Add	*54.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	349.01	52.07
		For Extra Heavy Fittings, Add	*94.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.90*	
		For Work In Restricted Working Space, Add	*23.41*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	422.00	61.25
		For Extra Heavy Fittings, Add	*115.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.59*	
		For Work In Restricted Working Space, Add	*27.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	704.08	78.95
		For Extra Heavy Fittings, Add	*205.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.50*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	1,037.50	97.12
		For Extra Heavy Fittings, Add	*312.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.69*	
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	1,731.02	135.55
		For Extra Heavy Fittings, Add	*534.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.16*	
		For Work In Restricted Working Space, Add	*60.97*	
22 13 16 00-0049		Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0030)*		
22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	83.28	27.67
		For Extra Heavy Fittings, Add	*14.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.46*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	130.18	31.16
		For Extra Heavy Fittings, Add	*29.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.34*	
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	187.46	41.51
		For Extra Heavy Fittings, Add	*43.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.11*	
		For Work In Restricted Working Space, Add	*18.67*	
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	237.87	46.50
		For Extra Heavy Fittings, Add	*58.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.90*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	286.19	55.68
		For Extra Heavy Fittings, Add	*70.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.18*	
		For Work In Restricted Working Space, Add	*25.07*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	611.80	72.69
		For Extra Heavy Fittings, Add	*175.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.45*	
		For Work In Restricted Working Space, Add	*32.69*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	910.24	88.22
		For Extra Heavy Fittings, Add	*272.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.61*	
		For Work In Restricted Working Space, Add	*39.68*	
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	1,205.18	104.13
		For Extra Heavy Fittings, Add	*367.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.85*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	3,122.56	164.24
		For Extra Heavy Fittings, Add	*1,006.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.86*	
22 13 16 00-0059		Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0030)*		
22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	74.95	27.77
		For Extra Heavy Fittings, Add	*11.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	121.09	34.93
		For Extra Heavy Fittings, Add	*24.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	173.98	46.44
		For Extra Heavy Fittings, Add	*36.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	218.80	58.19
		For Extra Heavy Fittings, Add	*46.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.36*	
		For Work In Restricted Working Space, Add	*26.16*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	254.03	64.88
		For Extra Heavy Fittings, Add	*54.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.87*	
		For Work In Restricted Working Space, Add	*29.19*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	522.68	87.08
		For Extra Heavy Fittings, Add	*137.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.53*	
		For Work In Restricted Working Space, Add	*39.17*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	737.05	107.44
		For Extra Heavy Fittings, Add	*201.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.06*	
		For Work In Restricted Working Space, Add	*48.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,205.41	139.34
		For Extra Heavy Fittings, Add	*348.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.44*	
		For Work In Restricted Working Space, Add	*62.66*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	2,353.18	164.24
		For Extra Heavy Fittings, Add	*737.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.86*	
22 13 16 00-0069		**Bell And Spigot Cast Iron Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	125.11	62.03
		For Extra Heavy Fittings, Add	*11.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.91*	
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	161.93	67.93
		For Extra Heavy Fittings, Add	*21.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	213.37	89.02
		For Extra Heavy Fittings, Add	*27.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	283.38	100.15
		For Extra Heavy Fittings, Add	*46.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.51*	
		For Work In Restricted Working Space, Add	*45.05*	
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	358.46	118.70
		For Extra Heavy Fittings, Add	*63.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.90*	
		For Work In Restricted Working Space, Add	*53.40*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	680.98	159.03
		For Extra Heavy Fittings, Add	*154.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.92*	
		For Work In Restricted Working Space, Add	*71.53*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	972.87	180.42
		For Extra Heavy Fittings, Add	*245.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.52*	
		For Work In Restricted Working Space, Add	*81.14*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	1,459.28	219.61
		For Extra Heavy Fittings, Add	*395.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.46*	
		For Work In Restricted Working Space, Add	*98.78*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	2,304.39	246.40
		For Extra Heavy Fittings, Add	*677.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.47*	
		For Work In Restricted Working Space, Add	*110.82*	
22 13 16 00-0079		**Bell And Spigot Cast Iron Reducing Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	212.57	64.83
		For Extra Heavy Fittings, Add	*40.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.86*	
		For Work In Restricted Working Space, Add	*29.17*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	258.17	80.12
		For Extra Heavy Fittings, Add	*48.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.01*	
		For Work In Restricted Working Space, Add	*36.05*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	291.23	82.15
		For Extra Heavy Fittings, Add	*58.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.16*	
		For Work In Restricted Working Space, Add	*36.97*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	439.40	106.36
		For Extra Heavy Fittings, Add	*98.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.97*	
		For Work In Restricted Working Space, Add	*47.82*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	451.09	108.31
		For Extra Heavy Fittings, Add	*101.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.12*	
		For Work In Restricted Working Space, Add	*48.73*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	471.26	115.55
		For Extra Heavy Fittings, Add	*104.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.66*	
		For Work In Restricted Working Space, Add	*51.98*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	711.07	127.88
		For Extra Heavy Fittings, Add	*181.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.59*	
		For Work In Restricted Working Space, Add	*57.52*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	744.73	130.34
		For Extra Heavy Fittings, Add	*192.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	761.35	136.50
		For Extra Heavy Fittings, Add	*194.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.40*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	903.71	151.84
		For Extra Heavy Fittings, Add	*236.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.31*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	1,134.01	142.27
		For Extra Heavy Fittings, Add	*322.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.67*	
		For Work In Restricted Working Space, Add	*64.00*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	1,179.42	148.52
		For Extra Heavy Fittings, Add	*334.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.14*	
		For Work In Restricted Working Space, Add	*66.82*	
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,289.55	164.24
		For Extra Heavy Fittings, Add	*365.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.86*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,723.83	174.18
		For Extra Heavy Fittings, Add	*511.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.06*	
		For Work In Restricted Working Space, Add	*78.34*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,776.50	174.18
		For Extra Heavy Fittings, Add	*530.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.06*	
		For Work In Restricted Working Space, Add	*78.34*	
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,845.70	188.75
		For Extra Heavy Fittings, Add	*546.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.15*	
		For Work In Restricted Working Space, Add	*84.90*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	2,177.69	198.12
		For Extra Heavy Fittings, Add	*658.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.85*	
		For Work In Restricted Working Space, Add	*89.09*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,663.25	204.00
		For Extra Heavy Fittings, Add	*825.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.29*	
		For Work In Restricted Working Space, Add	*91.76*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	4,467.16	192.35
		For Extra Heavy Fittings, Add	*1,462.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.42*	
		For Work In Restricted Working Space, Add	*86.51*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	4,658.93	208.15
		For Extra Heavy Fittings, Add	*1,521.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.61*	
		For Work In Restricted Working Space, Add	*93.65*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	4,752.36	217.15
		For Extra Heavy Fittings, Add	*1,549.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.28*	
		For Work In Restricted Working Space, Add	*97.67*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	4,862.03	224.53
		For Extra Heavy Fittings, Add	*1,583.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.83*	
		For Work In Restricted Working Space, Add	*100.97*	
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	4,981.66	237.60
		For Extra Heavy Fittings, Add	*1,618.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.81*	
		For Work In Restricted Working Space, Add	*106.86*	
22 13 16 00-0103		**Bell And Spigot Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	138.84	62.03
		For Extra Heavy Fittings, Add	*16.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.91*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	170.39	67.93
		For Extra Heavy Fittings, Add	*23.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	228.10	89.02
		For Extra Heavy Fittings, Add	*33.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	329.00	105.06
		For Extra Heavy Fittings, Add	*60.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.87*	
		For Work In Restricted Working Space, Add	*47.24*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	412.54	130.31
		For Extra Heavy Fittings, Add	*76.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	785.46	171.24
		For Extra Heavy Fittings, Add	*185.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.84*	
		For Work In Restricted Working Space, Add	*77.01*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,143.26	224.53
		For Extra Heavy Fittings, Add	*282.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.83*	
		For Work In Restricted Working Space, Add	*100.97*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,538.20	288.62
		For Extra Heavy Fittings, Add	*386.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*21.64*	
		For Work In Restricted Working Space, Add	*129.82*	
22 13 16 00-0112		**Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	148.63	64.83
		For Extra Heavy Fittings, Add	*17.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.86*	
		For Work In Restricted Working Space, Add	*29.17*	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	214.58	80.12
		For Extra Heavy Fittings, Add	*33.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.01*	
		For Work In Restricted Working Space, Add	*36.05*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	233.70	82.15
		For Extra Heavy Fittings, Add	*38.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.16*	
		For Work In Restricted Working Space, Add	*36.97*	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	356.89	106.36
		For Extra Heavy Fittings, Add	*69.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.97*	
		For Work In Restricted Working Space, Add	*47.82*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	372.77	108.31
		For Extra Heavy Fittings, Add	*73.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.12*	
		For Work In Restricted Working Space, Add	*48.73*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	394.84	115.55
		For Extra Heavy Fittings, Add	*77.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.66*	
		For Work In Restricted Working Space, Add	*51.98*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	557.82	127.88
		For Extra Heavy Fittings, Add	*128.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.59*	
		For Work In Restricted Working Space, Add	*57.52*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	570.77	136.50
		For Extra Heavy Fittings, Add	*128.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.40*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	730.27	151.84
		For Extra Heavy Fittings, Add	*175.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.31*	
22 13 16 00-0122		**Bell And Spigot Cast Iron Double Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	237.90	74.22
		For Extra Heavy Fittings, Add	*44.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.37*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	352.91	93.57
		For Extra Heavy Fittings, Add	*74.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.01*	
		For Work In Restricted Working Space, Add	*42.07*	
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	482.82	118.34
		For Extra Heavy Fittings, Add	*106.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.87*	
		For Work In Restricted Working Space, Add	*53.24*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	950.78	182.37
		For Extra Heavy Fittings, Add	*237.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.67*	
		For Work In Restricted Working Space, Add	*82.03*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,970.97	214.97
		For Extra Heavy Fittings, Add	*577.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.11*	
		For Work In Restricted Working Space, Add	*96.68*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	2,632.01	240.53
		For Extra Heavy Fittings, Add	*794.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.03*	
		For Work In Restricted Working Space, Add	*108.18*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,769.90	288.62
		For Extra Heavy Fittings, Add	*468.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*21.64*	
		For Work In Restricted Working Space, Add	*129.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	5,221.76	302.92
		For Extra Heavy Fittings, Add	*1,668.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*22.72*	
		For Work In Restricted Working Space, Add	*136.32*	

22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	206.35	87.77
		For Extra Heavy Fittings, Add	*26.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.58*	
		For Work In Restricted Working Space, Add	*39.48*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	240.33	100.82
		For Extra Heavy Fittings, Add	*31.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.56*	
		For Work In Restricted Working Space, Add	*45.36*	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	261.90	105.76
		For Extra Heavy Fittings, Add	*36.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.93*	
		For Work In Restricted Working Space, Add	*47.59*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	343.77	126.50
		For Extra Heavy Fittings, Add	*53.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.48*	
		For Work In Restricted Working Space, Add	*56.89*	
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	365.67	131.33
		For Extra Heavy Fittings, Add	*59.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.84*	
		For Work In Restricted Working Space, Add	*59.06*	
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	424.29	143.21
		For Extra Heavy Fittings, Add	*73.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.73*	
		For Work In Restricted Working Space, Add	*64.41*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	713.69	165.65
		For Extra Heavy Fittings, Add	*162.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.41*	
		For Work In Restricted Working Space, Add	*74.48*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	770.26	196.04
		For Extra Heavy Fittings, Add	*166.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.70*	
		For Work In Restricted Working Space, Add	*88.19*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	759.92	177.20
		For Extra Heavy Fittings, Add	*172.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.29*	
		For Work In Restricted Working Space, Add	*79.71*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	884.90	208.15
		For Extra Heavy Fittings, Add	*200.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.61*	
		For Work In Restricted Working Space, Add	*93.65*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,103.89	226.90
		For Extra Heavy Fittings, Add	*267.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.01*	
		For Work In Restricted Working Space, Add	*102.06*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	1,127.36	232.11
		For Extra Heavy Fittings, Add	*272.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.40*	
		For Work In Restricted Working Space, Add	*104.40*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,461.13	252.55
		For Extra Heavy Fittings, Add	*378.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.93*	
		For Work In Restricted Working Space, Add	*113.59*	

22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	192.50	74.22
		For Extra Heavy Fittings, Add	*28.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.37*	
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	259.54	99.28
		For Extra Heavy Fittings, Add	*38.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.66*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	341.82	124.15
		For Extra Heavy Fittings, Add	*54.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.30*	
		For Work In Restricted Working Space, Add	*55.82*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	788.40	203.82
		For Extra Heavy Fittings, Add	*168.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.28*	
		For Work In Restricted Working Space, Add	*91.68*	

22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	261.89	89.02
		For Extra Heavy Fittings, Add	*44.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	313.04	100.82
		For Extra Heavy Fittings, Add	*56.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.56*	
		For Work In Restricted Working Space, Add	*45.36*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	351.92	112.25
		For Extra Heavy Fittings, Add	*64.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.41*	
		For Work In Restricted Working Space, Add	*50.47*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	743.38	152.03
		For Extra Heavy Fittings, Add	*180.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.40*	
		For Work In Restricted Working Space, Add	*68.39*	
22 13 16 00-0155		**Bell And Spigot Cast Iron Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	156.46	62.12
		For Extra Heavy Fittings, Add	*22.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.66*	
		For Work In Restricted Working Space, Add	*27.94*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	179.20	67.93
		For Extra Heavy Fittings, Add	*27.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	300.83	83.22
		For Extra Heavy Fittings, Add	*61.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.45*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	452.28	92.63
		For Extra Heavy Fittings, Add	*109.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.95*	
		For Work In Restricted Working Space, Add	*41.68*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	542.59	111.10
		For Extra Heavy Fittings, Add	*131.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.33*	
		For Work In Restricted Working Space, Add	*49.97*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,207.89	145.31
		For Extra Heavy Fittings, Add	*346.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.89*	
		For Work In Restricted Working Space, Add	*65.36*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,833.75	177.20
		For Extra Heavy Fittings, Add	*548.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.29*	
		For Work In Restricted Working Space, Add	*79.71*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,761.55	208.15
		For Extra Heavy Fittings, Add	*857.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.61*	
		For Work In Restricted Working Space, Add	*93.65*	
22 13 16 00-0164		**Bell And Spigot Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	218.57	64.83
		For Extra Heavy Fittings, Add	*42.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.86*	
		For Work In Restricted Working Space, Add	*29.17*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	259.18	75.96
		For Extra Heavy Fittings, Add	*50.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	273.18	75.96
		For Extra Heavy Fittings, Add	*55.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	420.73	106.36
		For Extra Heavy Fittings, Add	*91.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.97*	
		For Work In Restricted Working Space, Add	*47.82*	
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	439.09	108.31
		For Extra Heavy Fittings, Add	*96.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.12*	
		For Work In Restricted Working Space, Add	*48.73*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	477.26	115.55
		For Extra Heavy Fittings, Add	*106.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.66*	
		For Work In Restricted Working Space, Add	*51.98*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	840.69	136.50
		For Extra Heavy Fittings, Add	*222.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	1,064.38	151.84
		For Extra Heavy Fittings, Add	*292.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.31*	

22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0030)*

22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	130.04	62.03
		For Extra Heavy Fittings, Add	*12.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.91*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	166.26	67.93
		For Extra Heavy Fittings, Add	*22.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	220.70	89.02
		For Extra Heavy Fittings, Add	*30.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	287.66	105.06
		For Extra Heavy Fittings, Add	*45.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.87*	
		For Work In Restricted Working Space, Add	*47.24*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	363.07	130.31
		For Extra Heavy Fittings, Add	*58.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.60*	
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	647.05	171.24
		For Extra Heavy Fittings, Add	*136.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.84*	
		For Work In Restricted Working Space, Add	*77.01*	

22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	134.37	62.03
		For Extra Heavy Fittings, Add	*14.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.91*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	148.59	67.93
		For Extra Heavy Fittings, Add	*16.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	191.03	89.02
		For Extra Heavy Fittings, Add	*20.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	

22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses *(22 13 16 00-0030)*

22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	137.11	62.03
		For Extra Heavy Fittings, Add	*15.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.91*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	153.79	67.93
		For Extra Heavy Fittings, Add	*18.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	204.10	89.02
		For Extra Heavy Fittings, Add	*24.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	

22 13 16 00-0188 Bell And Spigot Cast Iron Reducers *(22 13 16 00-0030)*

22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	75.70	34.93
		For Extra Heavy Fittings, Add	*8.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	93.59	46.06
		For Extra Heavy Fittings, Add	*8.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.46*	
		For Work In Restricted Working Space, Add	*20.74*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	101.41	46.44
		For Extra Heavy Fittings, Add	*11.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	130.57	56.24
		For Extra Heavy Fittings, Add	*16.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.22*	
		For Work In Restricted Working Space, Add	*25.31*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	137.41	56.99
		For Extra Heavy Fittings, Add	*18.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.27*	
		For Work In Restricted Working Space, Add	*25.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	142.13	58.19
		For Extra Heavy Fittings, Add	*19.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.36*	
		For Work In Restricted Working Space, Add	*26.16*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	191.30	59.95
		For Extra Heavy Fittings, Add	*35.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.50*	
		For Work In Restricted Working Space, Add	*26.97*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	213.02	73.74
		For Extra Heavy Fittings, Add	*35.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.53*	
		For Work In Restricted Working Space, Add	*33.17*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	218.68	75.63
		For Extra Heavy Fittings, Add	*36.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.67*	
		For Work In Restricted Working Space, Add	*34.03*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	225.46	78.95
		For Extra Heavy Fittings, Add	*37.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.50*	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	286.20	88.60
		For Extra Heavy Fittings, Add	*53.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.64*	
		For Work In Restricted Working Space, Add	*39.86*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	301.91	93.05
		For Extra Heavy Fittings, Add	*56.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.98*	
		For Work In Restricted Working Space, Add	*41.87*	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	322.63	97.12
		For Extra Heavy Fittings, Add	*61.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.69*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	408.11	105.26
		For Extra Heavy Fittings, Add	*87.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.89*	
		For Work In Restricted Working Space, Add	*47.33*	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	452.44	123.15
		For Extra Heavy Fittings, Add	*93.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.24*	
		For Work In Restricted Working Space, Add	*55.41*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	486.02	140.28
		For Extra Heavy Fittings, Add	*96.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.52*	
		For Work In Restricted Working Space, Add	*63.11*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	528.79	161.58
		For Extra Heavy Fittings, Add	*100.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.11*	
		For Work In Restricted Working Space, Add	*72.68*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	714.20	161.58
		For Extra Heavy Fittings, Add	*165.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.11*	
		For Work In Restricted Working Space, Add	*72.68*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	758.88	174.18
		For Extra Heavy Fittings, Add	*174.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.06*	
		For Work In Restricted Working Space, Add	*78.34*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	789.13	183.64
		For Extra Heavy Fittings, Add	*179.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.77*	
		For Work In Restricted Working Space, Add	*82.61*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	830.33	196.04
		For Extra Heavy Fittings, Add	*187.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.70*	
		For Work In Restricted Working Space, Add	*88.19*	

22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0030)*

22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	81.62	27.77
		For Extra Heavy Fittings, Add	*14.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	110.50	34.93
		For Extra Heavy Fittings, Add	*20.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	151.15	46.44
		For Extra Heavy Fittings, Add	*28.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	252.83	52.07
		For Extra Heavy Fittings, Add	*61.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.90*	
		For Work In Restricted Working Space, Add	*23.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	343.55	61.25
		For Extra Heavy Fittings, Add	*88.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.59*	
		For Work In Restricted Working Space, Add	*27.54*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	790.34	78.95
		For Extra Heavy Fittings, Add	*235.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.50*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	871.65	97.12
		For Extra Heavy Fittings, Add	*254.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.69*	
22 13 16 00-0218		**Bell And Spigot Cast Iron Deep Seal P-Traps** *(22 13 16 00-0030)*		
22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	96.82	27.77
		For Extra Heavy Fittings, Add	*19.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	140.37	34.93
		For Extra Heavy Fittings, Add	*30.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	206.68	46.44
		For Extra Heavy Fittings, Add	*47.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	349.81	58.19
		For Extra Heavy Fittings, Add	*91.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.36*	
		For Work In Restricted Working Space, Add	*26.16*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	369.72	64.88
		For Extra Heavy Fittings, Add	*95.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.87*	
		For Work In Restricted Working Space, Add	*29.19*	
22 13 16 00-0224		**Bell And Spigot Cast Iron Running Traps With Single Vent** *(22 13 16 00-0030)*		
22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	221.34	67.06
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	296.07	88.15
		For Above Ground Cast Iron Pipe Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.03*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	411.76	101.08
		For Above Ground Cast Iron Pipe Installation, Add	*7.64*	
		For Work In Restricted Working Space, Add	*45.84*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	870.35	114.53
		For Above Ground Cast Iron Pipe Installation, Add	*8.66*	
		For Work In Restricted Working Space, Add	*51.98*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,972.15	134.98
		For Above Ground Cast Iron Pipe Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.40*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	3,216.14	150.61
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.31*	
22 13 16 00-0231		**Bell And Spigot Cast Running Traps With Double Vent** *(22 13 16 00-0030)*		
22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	279.84	92.61
		For Above Ground Cast Iron Pipe Installation, Add	*7.01*	
		For Work In Restricted Working Space, Add	*42.07*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	386.88	116.89
		For Above Ground Cast Iron Pipe Installation, Add	*8.87*	
		For Work In Restricted Working Space, Add	*53.24*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	963.26	141.53
		For Above Ground Cast Iron Pipe Installation, Add	*10.73*	
		For Work In Restricted Working Space, Add	*64.41*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,113.85	171.33
		For Above Ground Cast Iron Pipe Installation, Add	*12.98*	
		For Work In Restricted Working Space, Add	*77.89*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	3,192.22	163.66
		For Above Ground Cast Iron Pipe Installation, Add	*12.41*	
		For Work In Restricted Working Space, Add	*74.48*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	3,495.99	194.34
		For Above Ground Cast Iron Pipe Installation, Add	*14.70*	
		For Work In Restricted Working Space, Add	*88.19*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	4,666.19	224.25
		For Above Ground Cast Iron Pipe Installation, Add	*17.01*	
		For Work In Restricted Working Space, Add	*102.06*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	6,483.65	259.27
		For Above Ground Cast Iron Pipe Installation, Add	*19.64*	
		For Work In Restricted Working Space, Add	*117.83*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0240		EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	12,721.72	299.88
			For Above Ground Cast Iron Pipe Installation, Add	*22.73*	
			For Work In Restricted Working Space, Add	*136.37*	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0030)*

22 13 16 00-0242		EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	184.29	
			For Above Ground Cast Iron Pipe Installation, Add	*2.08*	
			For Work In Restricted Working Space, Add	*12.45*	
22 13 16 00-0243		EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	257.88	
			For Above Ground Cast Iron Pipe Installation, Add	*2.33*	
			For Work In Restricted Working Space, Add	*13.99*	
22 13 16 00-0244		EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	294.80	
			For Above Ground Cast Iron Pipe Installation, Add	*3.12*	
			For Work In Restricted Working Space, Add	*18.74*	
22 13 16 00-0245		EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	365.65	
			For Above Ground Cast Iron Pipe Installation, Add	*3.63*	
			For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0246		EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	444.21	
			For Above Ground Cast Iron Pipe Installation, Add	*4.38*	
			For Work In Restricted Working Space, Add	*26.30*	
22 13 16 00-0247		EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	860.59	
			For Above Ground Cast Iron Pipe Installation, Add	*5.54*	
			For Work In Restricted Working Space, Add	*33.24*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249		EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	11.56	
			For Above Ground Cast Iron Pipe Installation, Add	*0.58*	
			For Work In Restricted Working Space, Add	*3.47*	
22 13 16 00-0250		EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	12.61	
			For Above Ground Cast Iron Pipe Installation, Add	*0.63*	
			For Work In Restricted Working Space, Add	*3.78*	
22 13 16 00-0251		EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	15.76	
			For Above Ground Cast Iron Pipe Installation, Add	*0.79*	
			For Work In Restricted Working Space, Add	*4.73*	
22 13 16 00-0252		EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	18.91	
			For Above Ground Cast Iron Pipe Installation, Add	*0.95*	
			For Work In Restricted Working Space, Add	*5.67*	
22 13 16 00-0253		EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	25.22	
			For Above Ground Cast Iron Pipe Installation, Add	*1.26*	
			For Work In Restricted Working Space, Add	*7.57*	
22 13 16 00-0254		EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	29.42	
			For Above Ground Cast Iron Pipe Installation, Add	*1.47*	
			For Work In Restricted Working Space, Add	*8.83*	
22 13 16 00-0255		EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	34.67	
			For Above Ground Cast Iron Pipe Installation, Add	*1.73*	
			For Work In Restricted Working Space, Add	*10.40*	
22 13 16 00-0256		EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	39.93	
			For Above Ground Cast Iron Pipe Installation, Add	*2.00*	
			For Work In Restricted Working Space, Add	*11.98*	

22 13 16 00-0257 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material	6.03	
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	15.58	
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	3.17	
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	4.34	
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	5.40	
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	8.95	
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	19.75	
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	30.28	
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	38.57	
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	45.81	

22 13 16 00-0268 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0269 No Hub Cast Iron Pipe *(22 13 16 00-0268)*

Note: Excludes couplings.

22 13 16 00-0270		LF	1-1/2" No Hub Cast Iron Pipe	16.16	5.81
			For Below Ground Installation, Add	*0.44*	
			For Work In Restricted Working Space, Add	*2.62*	
22 13 16 00-0271		LF	2" No Hub Cast Iron Pipe	17.16	6.19
			For Below Ground Installation, Add	*0.47*	
			For Work In Restricted Working Space, Add	*2.81*	
22 13 16 00-0272		LF	3" No Hub Cast Iron Pipe	24.35	9.00
			For Below Ground Installation, Add	*0.68*	
			For Work In Restricted Working Space, Add	*4.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	31.60	11.70
		For Below Ground Installation, Add	*0.88*	
		For Work In Restricted Working Space, Add	*5.28*	
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe	40.81	14.20
		For Below Ground Installation, Add	*1.07*	
		For Work In Restricted Working Space, Add	*6.39*	
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe	47.34	15.50
		For Below Ground Installation, Add	*1.16*	
		For Work In Restricted Working Space, Add	*6.96*	
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe	71.95	22.24
		For Below Ground Installation, Add	*1.66*	
		For Work In Restricted Working Space, Add	*9.99*	
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe	101.95	25.28
		For Below Ground Installation, Add	*1.89*	
		For Work In Restricted Working Space, Add	*11.36*	

22 13 16 00-0278 No Hub Cast Iron Fittings *(22 13 16 00-0268)*

22 13 16 00-0279 No Hub Cast Iron Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	59.75	26.32
		For Below Ground Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.85*	
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	61.93	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	73.23	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	101.21	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	141.66	46.86
		For Below Ground Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.07*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	168.01	55.88
		For Below Ground Installation, Add	*4.19*	
		For Work In Restricted Working Space, Add	*25.15*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	338.33	72.13
		For Below Ground Installation, Add	*5.41*	
		For Work In Restricted Working Space, Add	*32.45*	

22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	94.66	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	142.06	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	

22 13 16 00-0290 No Hub Cast Iron Short Sweeps *(22 13 16 00-0278)*

22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	57.63	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	69.81	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	99.42	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	142.33	46.86
		For Below Ground Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.07*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	157.54	55.88
		For Below Ground Installation, Add	*4.19*	
		For Work In Restricted Working Space, Add	*25.15*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	306.71	72.13
		For Below Ground Installation, Add	*5.41*	
		For Work In Restricted Working Space, Add	*32.45*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	500.65	101.00
		For Below Ground Installation, Add	*7.57*	
		For Work In Restricted Working Space, Add	*45.44*	

22 13 16 00-0298 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0278)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	52.26	26.32
		For Below Ground Installation, Add	*1.98*	
		For Work In Restricted Working Space, Add	*11.85*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	54.66	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	65.00	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	88.78	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	129.12	46.86
		For Below Ground Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.07*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	149.09	55.88
		For Below Ground Installation, Add	*4.19*	
		For Work In Restricted Working Space, Add	*25.15*	
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	282.08	72.13
		For Below Ground Installation, Add	*5.41*	
		For Work In Restricted Working Space, Add	*32.45*	

22 13 16 00-0306 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	49.52	26.32
		For Below Ground Installation, Add	*1.98*	
		For Work In Restricted Working Space, Add	*11.85*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	51.41	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	61.81	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	81.62	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	135.97	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	237.60	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	368.89	99.28
		For Below Ground Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.66*	

22 13 16 00-0314 No Hub Cast Iron Wyes *(22 13 16 00-0278)*

22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	79.83	41.41
		For Below Ground Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	102.16	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	116.78	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	160.92	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	223.24	91.24
		For Below Ground Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.03*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	264.90	108.31
		For Below Ground Installation, Add	*8.12*	
		For Work In Restricted Working Space, Add	*48.73*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	457.15	144.36
		For Below Ground Installation, Add	*10.82*	
		For Work In Restricted Working Space, Add	*64.91*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	761.76	160.35
		For Below Ground Installation, Add	*12.02*	
		For Work In Restricted Working Space, Add	*72.12*	

22 13 16 00-0323 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0278)*

22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	99.72	53.60
		For Below Ground Installation, Add	*4.02*	
		For Work In Restricted Working Space, Add	*24.09*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	111.57	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	126.71	67.93
		For Below Ground Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	146.47	75.48
		For Below Ground Installation, Add	*5.66*	
		For Work In Restricted Working Space, Add	*33.95*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	193.47	92.16
		For Below Ground Installation, Add	*6.91*	
		For Work In Restricted Working Space, Add	*41.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	206.66	96.33
		For Below Ground Installation, Add	*7.22*	
		For Work In Restricted Working Space, Add	*43.31*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	236.98	112.58
		For Below Ground Installation, Add	*8.44*	
		For Work In Restricted Working Space, Add	*50.63*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	308.02	113.50
		For Below Ground Installation, Add	*8.51*	
		For Work In Restricted Working Space, Add	*51.05*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	357.24	124.76
		For Below Ground Installation, Add	*9.35*	
		For Work In Restricted Working Space, Add	*56.09*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	559.84	132.91
		For Below Ground Installation, Add	*9.96*	
		For Work In Restricted Working Space, Add	*59.78*	
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	590.56	142.27
		For Below Ground Installation, Add	*10.67*	
		For Work In Restricted Working Space, Add	*64.00*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	680.77	151.93
		For Below Ground Installation, Add	*11.39*	
		For Work In Restricted Working Space, Add	*68.33*	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	90.23	48.19
		For Below Ground Installation, Add	*3.61*	
		For Work In Restricted Working Space, Add	*21.66*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	102.89	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	122.26	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	176.43	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	325.72	124.15
		For Below Ground Installation, Add	*9.30*	
		For Work In Restricted Working Space, Add	*55.82*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	589.18	159.27
		For Below Ground Installation, Add	*11.94*	
		For Work In Restricted Working Space, Add	*71.64*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	690.99	192.56
		For Below Ground Installation, Add	*14.43*	
		For Work In Restricted Working Space, Add	*86.60*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	103.79	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	114.31	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	132.20	67.93
		For Below Ground Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	151.79	75.48
		For Below Ground Installation, Add	*5.66*	
		For Work In Restricted Working Space, Add	*33.95*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	209.42	92.16
		For Below Ground Installation, Add	*6.91*	
		For Work In Restricted Working Space, Add	*41.47*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	234.54	96.33
		For Below Ground Installation, Add	*7.22*	
		For Work In Restricted Working Space, Add	*43.31*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	261.38	112.58
		For Below Ground Installation, Add	*8.44*	
		For Work In Restricted Working Space, Add	*50.63*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	353.64	113.50
		For Below Ground Installation, Add	*8.51*	
		For Work In Restricted Working Space, Add	*51.05*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	461.51	124.76
		For Below Ground Installation, Add	*9.35*	
		For Work In Restricted Working Space, Add	*56.09*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	129.74	69.76
		For Below Ground Installation, Add	*5.23*	
		For Work In Restricted Working Space, Add	*31.38*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	173.66	84.96
		For Below Ground Installation, Add	*6.37*	
		For Work In Restricted Working Space, Add	*38.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	234.60	92.89
		For Below Ground Installation, Add	*6.96*	
		For Work In Restricted Working Space, Add	*41.77*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	368.95	136.53
		For Below Ground Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.39*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	720.40	183.64
		For Below Ground Installation, Add	*13.77*	
		For Work In Restricted Working Space, Add	*82.61*	
22 13 16 00-0360		**No Hub Cast Iron Reducing Double Wyes** *(22 13 16 00-0278)*		
22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	155.62	77.31
		For Below Ground Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	186.86	89.02
		For Below Ground Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.04*	
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	205.73	97.05
		For Below Ground Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.65*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	313.72	120.37
		For Below Ground Installation, Add	*9.02*	
		For Work In Restricted Working Space, Add	*54.14*	
22 13 16 00-0365		**No Hub Cast Iron Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	169.71	83.80
		For Below Ground Installation, Add	*6.28*	
		For Work In Restricted Working Space, Add	*37.70*	
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	207.46	92.89
		For Below Ground Installation, Add	*6.96*	
		For Work In Restricted Working Space, Add	*41.77*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	314.62	122.98
		For Below Ground Installation, Add	*9.22*	
		For Work In Restricted Working Space, Add	*55.30*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	436.73	189.85
		For Below Ground Installation, Add	*14.23*	
		For Work In Restricted Working Space, Add	*85.38*	
22 13 16 00-0370		**No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	159.21	72.09
		For Below Ground Installation, Add	*5.41*	
		For Work In Restricted Working Space, Add	*32.43*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	184.54	83.80
		For Below Ground Installation, Add	*6.28*	
		For Work In Restricted Working Space, Add	*37.70*	
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	222.84	91.54
		For Below Ground Installation, Add	*6.86*	
		For Work In Restricted Working Space, Add	*41.18*	
22 13 16 00-0374		**No Hub Cast Iron Sanitary Tees** *(22 13 16 00-0278)*		
22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	77.76	40.55
		For Below Ground Installation, Add	*3.04*	
		For Work In Restricted Working Space, Add	*18.26*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	103.06	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	114.76	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	156.33	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	224.19	91.24
		For Below Ground Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.03*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	264.23	108.31
		For Below Ground Installation, Add	*8.12*	
		For Work In Restricted Working Space, Add	*48.73*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	513.74	144.36
		For Below Ground Installation, Add	*10.82*	
		For Work In Restricted Working Space, Add	*64.91*	
22 13 16 00-0382		**No Hub Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0278)*		
22 13 16 00-0383	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	87.54	45.77
		For Below Ground Installation, Add	*3.43*	
		For Work In Restricted Working Space, Add	*20.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0384	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	101.29	53.60
		For Below Ground Installation, Add	*4.02*	
		For Work In Restricted Working Space, Add	*24.09*	
22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	105.13	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	126.79	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	140.76	75.96
		For Below Ground Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	146.02	75.96
		For Below Ground Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	192.46	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	199.79	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	200.69	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	208.17	90.31
		For Below Ground Installation, Add	*6.77*	
		For Work In Restricted Working Space, Add	*40.61*	
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	404.06	121.74
		For Below Ground Installation, Add	*9.12*	
		For Work In Restricted Working Space, Add	*54.74*	

22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*

22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	60.14	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	69.98	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	85.70	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	56.84	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	72.39	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	106.69	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	178.51	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	247.38	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	301.24	122.60
		For Below Ground Installation, Add	*9.19*	
		For Work In Restricted Working Space, Add	*55.16*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	47.83	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	57.67	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	82.29	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	129.26	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	171.95	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0412		**No Hub Cast Iron Sanitary Crosses** *(22 13 16 00-0278)*		
22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	104.16	54.19
		For Below Ground Installation, Add	*4.07*	
		For Work In Restricted Working Space, Add	*24.40*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	112.68	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	137.09	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.65*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	205.42	80.70
		For Below Ground Installation, Add	*6.05*	
		For Work In Restricted Working Space, Add	*36.29*	
22 13 16 00-0417	EA	3" x 2" No Hub Cast Iron Sanitary Cross	148.50	72.09
		For Below Ground Installation, Add	*5.40*	
		For Work In Restricted Working Space, Add	*32.43*	
22 13 16 00-0418	EA	4" x 2" No Hub Cast Iron Sanitary Cross	168.37	74.22
		For Below Ground Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.38*	
22 13 16 00-0419	EA	4" x 3" No Hub Cast Iron Sanitary Cross	185.04	77.51
		For Below Ground Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.84*	
22 13 16 00-0420		**No Hub Cast Iron Reducers** *(22 13 16 00-0278)*		
22 13 16 00-0421	EA	3" x 2" No Hub Cast Iron Reducer	93.71	56.12
		For Below Ground Installation, Add	*4.21*	
		For Work In Restricted Working Space, Add	*25.24*	
22 13 16 00-0422	EA	4" x 2" No Hub Cast Iron Reducer	128.45	75.96
		For Below Ground Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0423	EA	4" x 3" No Hub Cast Iron Reducer	128.90	75.96
		For Below Ground Installation, Add	*5.69*	
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0424	EA	5" x 2" No Hub Cast Iron Reducer	151.38	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0425	EA	5" x 3" No Hub Cast Iron Reducer	154.34	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0426	EA	5" x 4" No Hub Cast Iron Reducer	155.52	86.68
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0427	EA	6" x 3" No Hub Cast Iron Reducer	181.37	96.33
		For Below Ground Installation, Add	*7.22*	
		For Work In Restricted Working Space, Add	*43.31*	
22 13 16 00-0428	EA	6" x 4" No Hub Cast Iron Reducer	181.81	96.33
		For Below Ground Installation, Add	*7.22*	
		For Work In Restricted Working Space, Add	*43.31*	
22 13 16 00-0429	EA	6" x 5" No Hub Cast Iron Reducer	183.16	96.33
		For Below Ground Installation, Add	*7.22*	
		For Work In Restricted Working Space, Add	*43.31*	
22 13 16 00-0430	EA	8" x 2" No Hub Cast Iron Reducer	251.25	134.70
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0431	EA	8" x 3" No Hub Cast Iron Reducer	254.66	134.70
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0432	EA	8" x 4" No Hub Cast Iron Reducer	260.15	134.70
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0433	EA	8" x 5" No Hub Cast Iron Reducer	265.86	134.70
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0434	EA	8" x 6" No Hub Cast Iron Reducer	266.53	134.70
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0435	EA	10" x 4" No Hub Cast Iron Reducer	318.88	142.09
		For Below Ground Installation, Add	*10.65*	
		For Work In Restricted Working Space, Add	*63.90*	
22 13 16 00-0436	EA	10" x 6" No Hub Cast Iron Reducer	341.11	148.33
		For Below Ground Installation, Add	*11.12*	
		For Work In Restricted Working Space, Add	*66.74*	
22 13 16 00-0437	EA	10" x 8" No Hub Cast Iron Reducer	383.55	161.02
		For Below Ground Installation, Add	*12.07*	
		For Work In Restricted Working Space, Add	*72.42*	
22 13 16 00-0438		**No Hub Cast Iron Blind Plugs** *(22 13 16 00-0278)*		
22 13 16 00-0439	EA	1-1/2" No Hub Cast Iron Blind Plug	25.23	13.17
		For Below Ground Installation, Add	*0.99*	
		For Work In Restricted Working Space, Add	*5.93*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0440	EA	2" No Hub Cast Iron Blind Plug	25.86	13.74
		For Below Ground Installation, Add	*1.03*	
		For Work In Restricted Working Space, Add	*6.18*	
22 13 16 00-0441	EA	3" No Hub Cast Iron Blind Plug	32.95	15.78
		For Below Ground Installation, Add	*1.18*	
		For Work In Restricted Working Space, Add	*7.08*	
22 13 16 00-0442	EA	4" No Hub Cast Iron Blind Plug	43.73	20.81
		For Below Ground Installation, Add	*1.56*	
		For Work In Restricted Working Space, Add	*9.36*	
22 13 16 00-0443	EA	5" No Hub Cast Iron Blind Plug	59.01	23.86
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.72*	
22 13 16 00-0444	EA	6" No Hub Cast Iron Blind Plug	65.46	27.93
		For Below Ground Installation, Add	*2.10*	
		For Work In Restricted Working Space, Add	*12.59*	
22 13 16 00-0445	EA	8" No Hub Cast Iron Blind Plug	128.21	36.06
		For Below Ground Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.22*	
22 13 16 00-0446	EA	10" No Hub Cast Iron Blind Plug	164.83	38.81
		For Below Ground Installation, Add	*2.91*	
		For Work In Restricted Working Space, Add	*17.46*	

22 13 16 00-0447 No Hub Cast Iron P-Traps *(22 13 16 00-0278)*

22 13 16 00-0448	EA	2" No Hub Cast Iron P-Trap	60.59	27.48
		For Below Ground Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.35*	
22 13 16 00-0449	EA	3" No Hub Cast Iron P-Trap	91.47	31.44
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.16*	
22 13 16 00-0450	EA	4" No Hub Cast Iron P-Trap	139.32	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0451	EA	5" No Hub Cast Iron P-Trap	246.75	47.24
		For Below Ground Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.23*	
22 13 16 00-0452	EA	6" No Hub Cast Iron P-Trap	260.60	56.34
		For Below Ground Installation, Add	*4.22*	
		For Work In Restricted Working Space, Add	*25.34*	

22 13 16 00-0453 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0454	EA	2" No Hub Cast Iron Deep Seal P-Trap	98.64	34.93
		For Below Ground Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0455	EA	3" No Hub Cast Iron Deep Seal P-Trap	143.55	46.44
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.88*	
22 13 16 00-0456	EA	4" No Hub Cast Iron Deep Seal P-Trap	210.58	61.34
		For Below Ground Installation, Add	*4.60*	
		For Work In Restricted Working Space, Add	*27.58*	

22 13 16 00-0457 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0458	EA	4" No Hub Cast Iron Closet Flange	93.20	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0459	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	99.59	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	

22 13 16 00-0460 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0461	EA	4" x 16" No Hub Cast Iron Closet Bend	182.92	41.61
		For Below Ground Installation, Add	*3.12*	
		For Work In Restricted Working Space, Add	*18.73*	

22 13 16 00-0462 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0463	EA	1-1/4" No Hub Cast Iron Threaded Adapter	68.98	34.93
		For Below Ground Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	
22 13 16 00-0464	EA	1-1/2" No Hub Cast Iron Threaded Adapter	74.13	34.93
		For Below Ground Installation, Add	*2.62*	
		For Work In Restricted Working Space, Add	*15.69*	

22 13 16 00-0465 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).

22 13 16 00-0466	EA	1-1/2" No Hub Coupling	18.04	
		For Medium Duty (Fernco MD-2000), Add	*2.35*	
		For Heavy Duty (Fernco HD-4000), Add	*4.87*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0467		EA	2" No Hub Coupling	18.04	
			For Medium Duty (Fernco MD-2000), Add	*2.35*	
			For Heavy Duty (Fernco HD-4000), Add	*4.87*	
22 13 16 00-0468		EA	3" No Hub Coupling	21.41	
			For Medium Duty (Fernco MD-2000), Add	*2.78*	
			For Heavy Duty (Fernco HD-4000), Add	*5.78*	
22 13 16 00-0469		EA	4" No Hub Coupling	25.42	
			For Medium Duty (Fernco MD-2000), Add	*3.30*	
			For Heavy Duty (Fernco HD-4000), Add	*6.86*	
22 13 16 00-0470		EA	5" No Hub Coupling	58.78	
			For Medium Duty (Fernco MD-2000), Add	*7.64*	
			For Heavy Duty (Fernco HD-4000), Add	*15.87*	
22 13 16 00-0471		EA	6" No Hub Coupling	64.58	
			For Medium Duty (Fernco MD-2000), Add	*8.40*	
			For Heavy Duty (Fernco HD-4000), Add	*17.44*	
22 13 16 00-0472		EA	8" No Hub Coupling	121.67	
			For Medium Duty (Fernco MD-2000), Add	*15.82*	
			For Heavy Duty (Fernco HD-4000), Add	*32.85*	
22 13 16 00-0473		EA	10" No Hub Coupling	167.61	
			For Medium Duty (Fernco MD-2000), Add	*21.79*	
			For Heavy Duty (Fernco HD-4000), Add	*45.25*	
22 13 16 00-0474		EA	2" x 1-1/2" No Hub Reducing Coupling	21.41	
22 13 16 00-0475		EA	3" x 2" No Hub Reducing Coupling	33.20	
22 13 16 00-0476		EA	4" x 2" No Hub Reducing Coupling	46.32	
22 13 16 00-0477		EA	4" x 3" No Hub Reducing Coupling	39.47	

22 13 16 00-0478 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. See CSI section 22 13 16 00-0869 for additional FERNCO couplings.

22 13 16 00-0479		EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	36.87	
22 13 16 00-0480		EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	38.06	
22 13 16 00-0481		EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	39.96	
22 13 16 00-0482		EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	46.62	
22 13 16 00-0483		EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	88.01	
22 13 16 00-0484		EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	120.84	
22 13 16 00-0485		EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	211.71	
22 13 16 00-0486		EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	323.51	

22 13 16 00-0487 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0488		EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	9.45	
			For Work In Restricted Working Space, Add	*2.84*	
22 13 16 00-0489		EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	11.56	
			For Work In Restricted Working Space, Add	*3.47*	
22 13 16 00-0490		EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	12.61	
			For Work In Restricted Working Space, Add	*3.78*	
22 13 16 00-0491		EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	15.76	
			For Work In Restricted Working Space, Add	*4.73*	
22 13 16 00-0492		EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	18.91	
			For Work In Restricted Working Space, Add	*5.67*	
22 13 16 00-0493		EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	25.22	
			For Work In Restricted Working Space, Add	*7.57*	
22 13 16 00-0494		EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	29.42	
			For Work In Restricted Working Space, Add	*8.83*	

22 13 16 00-0495 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0436 for copper and brass fittings.

22 13 16 00-0496		LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	18.04	4.55
22 13 16 00-0497		LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	21.71	5.08
22 13 16 00-0498		LF	2" Hard Drawn DWV Copper Tube/Pipe	28.08	6.26
22 13 16 00-0499		LF	3" Hard Drawn DWV Copper Tube/Pipe	58.60	8.68
22 13 16 00-0500		LF	4" Hard Drawn DWV Copper Tube/Pipe	84.11	9.79
22 13 16 00-0501		LF	5" Hard Drawn DWV Copper Tube/Pipe	173.05	11.24
22 13 16 00-0502		LF	6" Hard Drawn DWV Copper Tube/Pipe	245.48	17.43

22 13 16 00-0503 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0018 for underground installation.

22 13 16 00-0504 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0503)*

22 13 16 00-0505 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)*

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.

22 13 16 00-0506		LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly. Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	10.89	
			For Work In Restricted Working Space, Add	*2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0507	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.09	
		For Work In Restricted Working Space, Add	*2.76*	
22 13 16 00-0508	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	21.30	
		For Work In Restricted Working Space, Add	*3.90*	
22 13 16 00-0509	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	27.20	
		For Work In Restricted Working Space, Add	*4.30*	
22 13 16 00-0510	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	48.07	
		For Work In Restricted Working Space, Add	*5.53*	
22 13 16 00-0511	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	68.64	
		For Work In Restricted Working Space, Add	*7.40*	
22 13 16 00-0512	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	99.23	
		For Work In Restricted Working Space, Add	*9.86*	
22 13 16 00-0513		Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)* Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0514	LF	1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	44.28	8.13
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0515	LF	2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	49.71	9.68
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0516	LF	3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	70.17	13.93
		For Work In Restricted Working Space, Add	*12.88*	
22 13 16 00-0517	LF	4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	87.57	15.09
		For Work In Restricted Working Space, Add	*14.06*	
22 13 16 00-0518	LF	6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	135.92	19.36
		For Work In Restricted Working Space, Add	*18.01*	
22 13 16 00-0519	LF	8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	177.99	25.74
		For Work In Restricted Working Space, Add	*20.63*	
22 13 16 00-0520	LF	10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	250.37	34.45
		For Work In Restricted Working Space, Add	*26.90*	
22 13 16 00-0521		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0503)* Note: Excludes fittings or hangers.		
22 13 16 00-0522		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0521)* Note: Excludes fittings or hangers.		
22 13 16 00-0523	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	8.36	4.06
		For Work In Restricted Working Space, Add	*1.82*	
22 13 16 00-0524	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	10.29	4.84
		For Work In Restricted Working Space, Add	*2.18*	
22 13 16 00-0525	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	16.47	6.97
		For Work In Restricted Working Space, Add	*3.12*	
22 13 16 00-0526	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	19.86	7.55
		For Work In Restricted Working Space, Add	*3.39*	
22 13 16 00-0527	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	29.22	9.28
		For Work In Restricted Working Space, Add	*4.17*	
22 13 16 00-0528	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	41.79	12.34
		For Work In Restricted Working Space, Add	*5.57*	
22 13 16 00-0529	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	60.33	16.52
		For Work In Restricted Working Space, Add	*7.43*	
22 13 16 00-0530		Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0521)* Note: Excludes fittings or hangers.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0531	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	7.68	4.06
		For Work In Restricted Working Space, Add	*1.82*	
22 13 16 00-0532	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	9.47	4.84
		For Work In Restricted Working Space, Add	*2.18*	
22 13 16 00-0533	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	14.93	6.97
		For Work In Restricted Working Space, Add	*3.12*	
22 13 16 00-0534	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	17.81	7.55
		For Work In Restricted Working Space, Add	*3.39*	
22 13 16 00-0535	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	25.40	9.28
		For Work In Restricted Working Space, Add	*4.17*	
22 13 16 00-0536	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	36.42	12.34
		For Work In Restricted Working Space, Add	*5.57*	
22 13 16 00-0537	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	54.49	16.52
		For Work In Restricted Working Space, Add	*7.43*	

22 13 16 00-0538 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0503)*

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0538)*

22 13 16 00-0540	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	29.83	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0541	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	38.11	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0542	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	63.82	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0543	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	95.51	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0544	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	349.70	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0545	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	575.94	56.42
		For Work In Restricted Working Space, Add	*25.40*	
22 13 16 00-0546	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	760.58	75.19
		For Work In Restricted Working Space, Add	*33.86*	

22 13 16 00-0547 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0538)*

22 13 16 00-0548	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	45.65	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0549	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	47.21	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0550	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	87.23	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0551	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	138.42	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0552	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	266.82	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0553	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	467.02	56.42
		For Work In Restricted Working Space, Add	*25.40*	
22 13 16 00-0554	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	758.62	75.19
		For Work In Restricted Working Space, Add	*33.86*	

22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	31.13	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0557	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	38.00	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0558	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	61.87	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0559	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	85.98	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0560	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	325.43	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0561	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	519.53	56.42
		For Work In Restricted Working Space, Add	*25.40*	
22 13 16 00-0562	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	594.64	75.19
		For Work In Restricted Working Space, Add	*33.86*	

22 13 16 00-0563 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0538)*

22 13 16 00-0564	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	46.36	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0565	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	60.85	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0566	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	100.76	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0567	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	145.72	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0568	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	519.74	62.80
		For Work In Restricted Working Space, Add	*28.30*	
22 13 16 00-0569	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	676.94	84.57
		For Work In Restricted Working Space, Add	*38.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0570 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0538)*

22 13 16 00-0571	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	57.87	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0572	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	68.20	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0573	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	57.47	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0574	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	83.06	35.80
		For Work In Restricted Working Space, Add	*16.11*	
22 13 16 00-0575	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	85.04	38.03
		For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0576	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	99.92	40.25
		For Work In Restricted Working Space, Add	*18.14*	
22 13 16 00-0577	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	163.01	42.57
		For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0578	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	203.98	46.06
		For Work In Restricted Working Space, Add	*20.76*	
22 13 16 00-0579	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	498.49	57.96
		For Work In Restricted Working Space, Add	*26.13*	
22 13 16 00-0580	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	1,540.90	72.47
		For Work In Restricted Working Space, Add	*32.66*	
22 13 16 00-0581	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	1,594.34	77.31
		For Work In Restricted Working Space, Add	*34.84*	

22 13 16 00-0582 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0538)*

22 13 16 00-0583	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	78.72	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0584	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	106.35	41.22
		For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0585	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	207.82	55.45
		For Work In Restricted Working Space, Add	*24.97*	
22 13 16 00-0586	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	297.10	64.44
		For Work In Restricted Working Space, Add	*29.03*	

22 13 16 00-0587 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0538)*

22 13 16 00-0588	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	95.31	36.77
		For Work In Restricted Working Space, Add	*16.55*	
22 13 16 00-0589	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	160.12	43.83
		For Work In Restricted Working Space, Add	*19.74*	
22 13 16 00-0590	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	184.33	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0591	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	325.45	52.84
		For Work In Restricted Working Space, Add	*23.81*	
22 13 16 00-0592	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	342.85	59.89
		For Work In Restricted Working Space, Add	*27.00*	

22 13 16 00-0593 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0538)*

22 13 16 00-0594	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	38.85	18.39
		For Work In Restricted Working Space, Add	*8.27*	
22 13 16 00-0595	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	68.87	21.87
		For Work In Restricted Working Space, Add	*9.87*	
22 13 16 00-0596	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	66.40	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0597	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	99.26	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0598	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	107.29	29.99
		For Work In Restricted Working Space, Add	*13.50*	
22 13 16 00-0599	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	367.00	34.83
		For Work In Restricted Working Space, Add	*15.68*	
22 13 16 00-0600	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	308.42	37.06
		For Work In Restricted Working Space, Add	*16.69*	
22 13 16 00-0601	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	760.14	44.32
		For Work In Restricted Working Space, Add	*19.96*	
22 13 16 00-0602	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	644.47	49.16
		For Work In Restricted Working Space, Add	*22.14*	
22 13 16 00-0603	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	864.64	58.54
		For Work In Restricted Working Space, Add	*26.37*	
22 13 16 00-0604	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	681.49	65.80
		For Work In Restricted Working Space, Add	*29.63*	

22 13 16 00-0605 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0538)*

22 13 16 00-0606	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	56.00	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0607	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	73.31	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0608	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	196.22	41.61
		For Work In Restricted Working Space, Add	*18.72*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0609		EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	391.23	48.38
			For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0610		EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	657.75	62.80
			For Work In Restricted Working Space, Add	*28.30*	
22 13 16 00-0611			**Polyvinyl Chloride (PVC) DWV Closet Flanges** *(22 13 16 00-0538)*		
22 13 16 00-0612		EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	86.19	32.22
			For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0613		EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	71.43	29.99
			For Work In Restricted Working Space, Add	*13.50*	
22 13 16 00-0614			**Polyvinyl Chloride (PVC) DWV Wyes** *(22 13 16 00-0538)*		
22 13 16 00-0615		EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	56.43	24.20
			For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0616		EA	2" Polyvinyl Chloride (PVC) DWV Wyes	66.70	30.96
			For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0617		EA	3" Polyvinyl Chloride (PVC) DWV Wyes	108.24	41.61
			For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0618		EA	4" Polyvinyl Chloride (PVC) DWV Wyes	157.96	48.38
			For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0619		EA	6" Polyvinyl Chloride (PVC) DWV Wyes	473.80	62.80
			For Work In Restricted Working Space, Add	*28.30*	
22 13 16 00-0620		EA	8" Polyvinyl Chloride (PVC) DWV Wyes	589.67	84.57
			For Work In Restricted Working Space, Add	*38.10*	
22 13 16 00-0621		EA	10" Polyvinyl Chloride (PVC) DWV Wyes	776.44	112.73
			For Work In Restricted Working Space, Add	*50.80*	
22 13 16 00-0622			**Polyvinyl Chloride (PVC) DWV Reducing Wyes** *(22 13 16 00-0538)*		
22 13 16 00-0623		EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	75.64	26.41
			For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0624		EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	78.71	28.64
			For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0625		EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	109.70	35.80
			For Work In Restricted Working Space, Add	*16.11*	
22 13 16 00-0626		EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	92.52	38.03
			For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0627		EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	149.39	40.25
			For Work In Restricted Working Space, Add	*18.14*	
22 13 16 00-0628		EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	132.45	42.57
			For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0629		EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	149.26	46.06
			For Work In Restricted Working Space, Add	*20.76*	
22 13 16 00-0630		EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	427.94	55.74
			For Work In Restricted Working Space, Add	*25.11*	
22 13 16 00-0631		EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	527.35	57.96
			For Work In Restricted Working Space, Add	*26.13*	
22 13 16 00-0632		EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	505.40	72.47
			For Work In Restricted Working Space, Add	*32.66*	
22 13 16 00-0633		EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	634.98	77.31
			For Work In Restricted Working Space, Add	*34.84*	
22 13 16 00-0634		EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	583.85	91.25
			For Work In Restricted Working Space, Add	*41.12*	
22 13 16 00-0635		EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	723.97	96.09
			For Work In Restricted Working Space, Add	*43.30*	
22 13 16 00-0636		EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	840.97	103.34
			For Work In Restricted Working Space, Add	*46.57*	
22 13 16 00-0637			**Polyvinyl Chloride (PVC) DWV Double Wyes** *(22 13 16 00-0538)*		
22 13 16 00-0638		EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	91.29	32.22
			For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0639		EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	117.08	41.22
			For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0640		EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	225.70	55.45
			For Work In Restricted Working Space, Add	*24.97*	
22 13 16 00-0641		EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	385.62	64.44
			For Work In Restricted Working Space, Add	*29.03*	
22 13 16 00-0642		EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	779.98	83.80
			For Work In Restricted Working Space, Add	*37.74*	
22 13 16 00-0643		EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	907.65	112.83
			For Work In Restricted Working Space, Add	*50.80*	
22 13 16 00-0644		EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	1,402.25	150.37
			For Work In Restricted Working Space, Add	*67.73*	
22 13 16 00-0645			**Polyvinyl Chloride (PVC) DWV Reducing Double Wyes** *(22 13 16 00-0538)*		
22 13 16 00-0646		EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	105.53	36.77
			For Work In Restricted Working Space, Add	*16.55*	
22 13 16 00-0647		EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	190.82	43.83
			For Work In Restricted Working Space, Add	*19.74*	

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22 13 16 00-0648	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	178.65	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0649	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	252.51	52.84
		For Work In Restricted Working Space, Add	*23.81*	
22 13 16 00-0650	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	318.71	59.89
		For Work In Restricted Working Space, Add	*27.00*	
22 13 16 00-0651	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	486.94	74.12
		For Work In Restricted Working Space, Add	*33.38*	
22 13 16 00-0652	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	570.49	88.63
		For Work In Restricted Working Space, Add	*39.92*	
22 13 16 00-0653	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	722.66	98.31
		For Work In Restricted Working Space, Add	*44.27*	
22 13 16 00-0654	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	764.37	107.41
		For Work In Restricted Working Space, Add	*48.38*	
22 13 16 00-0655	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	987.16	117.08
		For Work In Restricted Working Space, Add	*52.73*	
22 13 16 00-0656	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,191.42	131.60
		For Work In Restricted Working Space, Add	*59.27*	

22 13 16 00-0657 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0658	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	69.00	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0659	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	86.31	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0660	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	167.18	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0661	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	290.14	48.38
		For Work In Restricted Working Space, Add	*21.77*	

22 13 16 00-0662 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0663	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	125.62	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0664	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	197.14	35.80
		For Work In Restricted Working Space, Add	*16.11*	
22 13 16 00-0665	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	146.74	38.03
		For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0666	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	263.31	42.57
		For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0667	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	285.21	46.06
		For Work In Restricted Working Space, Add	*20.76*	

22 13 16 00-0668 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0669	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	101.04	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0670	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	118.16	41.22
		For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0671	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	180.95	55.45
		For Work In Restricted Working Space, Add	*24.97*	
22 13 16 00-0672	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	611.63	64.44
		For Work In Restricted Working Space, Add	*29.03*	
22 13 16 00-0673	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	1,995.04	83.80
		For Work In Restricted Working Space, Add	*37.74*	

22 13 16 00-0674 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0675	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	227.45	36.77
		For Work In Restricted Working Space, Add	*16.55*	
22 13 16 00-0676	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	364.49	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0677	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	623.38	52.84
		For Work In Restricted Working Space, Add	*23.81*	
22 13 16 00-0678	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	566.11	59.89
		For Work In Restricted Working Space, Add	*27.00*	
22 13 16 00-0679	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	1,332.46	74.12
		For Work In Restricted Working Space, Add	*33.38*	

22 13 16 00-0680 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0538)*

22 13 16 00-0681	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	142.35	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0682	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	245.64	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0683	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	391.29	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0684	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,020.42	62.80
		For Work In Restricted Working Space, Add	*28.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0685	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,280.03	84.57
		For Work In Restricted Working Space, Add	*38.10*	
22 13 16 00-0686	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,698.72	112.73
		For Work In Restricted Working Space, Add	*50.80*	
22 13 16 00-0687		**Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug** *(22 13 16 00-0538)*		
22 13 16 00-0688	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	40.78	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0689	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	57.72	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0690	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	82.78	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0691	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	145.13	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0692	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	328.46	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0693	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	732.23	56.42
		For Work In Restricted Working Space, Add	*25.40*	
22 13 16 00-0694	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,344.70	75.19
		For Work In Restricted Working Space, Add	*33.85*	
22 13 16 00-0695		**Polyvinyl Chloride (PVC) Couplings** *(22 13 16 00-0538)*		
22 13 16 00-0696	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	29.11	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0697	EA	2" Polyvinyl Chloride (PVC) Couplings	36.49	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0698	EA	3" Polyvinyl Chloride (PVC) Couplings	55.73	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0699	EA	4" Polyvinyl Chloride (PVC) Couplings	71.59	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0700	EA	6" Polyvinyl Chloride (PVC) Couplings	190.99	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0701	EA	8" Polyvinyl Chloride (PVC) Couplings	454.68	56.42
		For Work In Restricted Working Space, Add	*25.40*	
22 13 16 00-0702	EA	10" Polyvinyl Chloride (PVC) Couplings	686.27	75.19
		For Work In Restricted Working Space, Add	*33.87*	
22 13 16 00-0703		**Polyvinyl Chloride (PVC) Male Adapters** *(22 13 16 00-0538)*		
22 13 16 00-0704	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	17.07	8.03
22 13 16 00-0705	EA	2" Polyvinyl Chloride (PVC) Male Adapters	27.71	10.35
22 13 16 00-0706	EA	3" Polyvinyl Chloride (PVC) Male Adapters	54.73	13.84
22 13 16 00-0707	EA	4" Polyvinyl Chloride (PVC) Male Adapters	101.94	16.16
22 13 16 00-0708		**Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0503)* Note: In place piping.		
22 13 16 00-0709	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.09	
22 13 16 00-0710	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.80	
22 13 16 00-0711	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	9.92	
22 13 16 00-0712	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	13.40	
22 13 16 00-0713	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	19.14	
22 13 16 00-0714	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	25.53	
22 13 16 00-0715	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	31.22	
22 13 16 00-0716		**Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 13 16)* Note: Aboveground installation.		
22 13 16 00-0717		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies** *(22 13 16 00-0716)* Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0718	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	23.39	4.06
		For Work In Restricted Working Space, Add	*5.57*	
22 13 16 00-0719	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	25.99	4.84
		For Work In Restricted Working Space, Add	*6.17*	
22 13 16 00-0720	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	35.38	6.97
		For Work In Restricted Working Space, Add	*7.66*	
22 13 16 00-0721	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	40.71	7.55
		For Work In Restricted Working Space, Add	*8.51*	

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22 13 16 00-0722	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	67.50	9.68
		For Work In Restricted Working Space, Add	*11.31*	

22 13 16 00-0723 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) *(22 13 16 00-0716)*

Note: Excludes fittings or hangers.

22 13 16 00-0724	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	9.05	4.06
		For Work In Restricted Working Space, Add	*1.82*	
22 13 16 00-0725	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	11.28	4.84
		For Work In Restricted Working Space, Add	*2.18*	
22 13 16 00-0726	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	18.73	6.97
		For Work In Restricted Working Space, Add	*3.12*	
22 13 16 00-0727	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	23.20	7.55
		For Work In Restricted Working Space, Add	*3.39*	
22 13 16 00-0728	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	38.18	9.28
		For Work In Restricted Working Space, Add	*4.17*	

22 13 16 00-0729 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0716)*

22 13 16 00-0730 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0729)*

22 13 16 00-0731	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	36.96	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0732	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	49.16	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0733	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	97.79	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0734	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	158.45	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0735	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	473.71	41.90
		For Work In Restricted Working Space, Add	*18.87*	

22 13 16 00-0736 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0729)*

22 13 16 00-0737	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	54.61	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0738	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	66.41	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0739	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	140.61	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0740	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	243.66	32.22
		For Work In Restricted Working Space, Add	*14.51*	

22 13 16 00-0741 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0729)*

22 13 16 00-0742	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	39.35	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0743	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	47.49	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0744	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	89.00	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0745	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	142.24	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0746	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	490.81	41.90
		For Work In Restricted Working Space, Add	*18.87*	

22 13 16 00-0747 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0748	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	58.01	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0749	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	79.11	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0750	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	145.65	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0751	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	232.51	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0752	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	961.26	62.80
		For Work In Restricted Working Space, Add	*28.30*	

22 13 16 00-0753 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0754	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	74.33	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0755	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	91.73	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0756	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	74.37	28.64
		For Work In Restricted Working Space, Add	*12.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0757	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	117.28	35.80
		For Work In Restricted Working Space, Add	*16.11*	
22 13 16 00-0758	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	121.25	38.03
		For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0759	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	290.99	40.25
		For Work In Restricted Working Space, Add	*18.14*	
22 13 16 00-0760	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	279.05	42.57
		For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0761	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	321.52	46.06
		For Work In Restricted Working Space, Add	*20.76*	
22 13 16 00-0762	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	1,056.36	57.96
		For Work In Restricted Working Space, Add	*26.13*	

22 13 16 00-0763 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0764	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	114.40	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0765	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	158.25	41.22
		For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0766	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	353.80	55.45
		For Work In Restricted Working Space, Add	*24.97*	
22 13 16 00-0767	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	530.43	64.44
		For Work In Restricted Working Space, Add	*29.03*	

22 13 16 00-0768 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0769	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	130.03	36.77
		For Work In Restricted Working Space, Add	*16.55*	
22 13 16 00-0770	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	203.71	43.83
		For Work In Restricted Working Space, Add	*19.74*	
22 13 16 00-0771	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	235.75	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0772	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	435.48	50.68
		For Work In Restricted Working Space, Add	*22.83*	
22 13 16 00-0773	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	455.61	57.45
		For Work In Restricted Working Space, Add	*25.89*	

22 13 16 00-0774 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes *(22 13 16 00-0729)*

22 13 16 00-0775	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	80.04	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0776	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	91.36	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0777	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	161.84	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0778	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	257.82	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0779	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	774.08	62.80
		For Work In Restricted Working Space, Add	*28.30*	

22 13 16 00-0780 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0729)*

22 13 16 00-0781	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	117.74	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0782	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	120.33	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0783	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	134.36	38.03
		For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0784	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	212.71	42.57
		For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0785	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	243.08	46.06
		For Work In Restricted Working Space, Add	*20.76*	
22 13 16 00-0786	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	648.69	57.96
		For Work In Restricted Working Space, Add	*26.13*	

22 13 16 00-0787 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes *(22 13 16 00-0729)*

22 13 16 00-0788	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	141.44	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0789	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	181.63	41.22
		For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0790	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	392.68	55.45
		For Work In Restricted Working Space, Add	*24.97*	
22 13 16 00-0791	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	723.64	64.44
		For Work In Restricted Working Space, Add	*29.03*	

22 13 16 00-0792 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes *(22 13 16 00-0729)*

22 13 16 00-0793	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	164.48	36.77
		For Work In Restricted Working Space, Add	*16.55*	

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22 13 16 00-0794	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	284.08	43.83
		For Work In Restricted Working Space, Add	*19.74*	
22 13 16 00-0795	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	302.33	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0796	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	455.20	52.84
		For Work In Restricted Working Space, Add	*23.81*	
22 13 16 00-0797	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	586.44	59.89
		For Work In Restricted Working Space, Add	*27.00*	

22 13 16 00-0798 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0799	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	106.17	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0800	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	137.27	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0801	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	212.07	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0802	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	363.41	46.40
		For Work In Restricted Working Space, Add	*20.88*	

22 13 16 00-0803 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0804	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	116.62	28.64
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0805	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	227.88	35.80
		For Work In Restricted Working Space, Add	*16.11*	
22 13 16 00-0806	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	165.94	38.03
		For Work In Restricted Working Space, Add	*17.13*	
22 13 16 00-0807	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	306.33	42.57
		For Work In Restricted Working Space, Add	*19.16*	
22 13 16 00-0808	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	331.73	46.06
		For Work In Restricted Working Space, Add	*20.76*	

22 13 16 00-0809 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0810	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	226.37	41.22
		For Work In Restricted Working Space, Add	*18.58*	
22 13 16 00-0811	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	462.49	55.45
		For Work In Restricted Working Space, Add	*24.97*	

22 13 16 00-0812 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0813	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	187.48	36.77
		For Work In Restricted Working Space, Add	*16.55*	
22 13 16 00-0814	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	445.38	48.38
		For Work In Restricted Working Space, Add	*21.77*	

22 13 16 00-0815 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0729)*

22 13 16 00-0816	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	118.49	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0817	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	149.58	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0818	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	239.59	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0819	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	403.77	48.38
		For Work In Restricted Working Space, Add	*21.77*	

22 13 16 00-0820 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0729)*

22 13 16 00-0821	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	52.38	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0822	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	76.44	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0823	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	111.50	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0824	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	212.93	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0825	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	514.64	41.90
		For Work In Restricted Working Space, Add	*18.87*	

22 13 16 00-0826 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0729)*

22 13 16 00-0827	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	33.91	16.16
		For Work In Restricted Working Space, Add	*7.26*	

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22 13 16 00-0828	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	41.20	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0829	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	69.47	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0830	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	94.31	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0831	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	289.94	41.90
		For Work In Restricted Working Space, Add	*18.87*	
22 13 16 00-0832		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducers** *(22 13 16 00-0729)*		
22 13 16 00-0833	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	52.20	18.39
		For Work In Restricted Working Space, Add	*8.27*	
22 13 16 00-0834	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	110.97	21.87
		For Work In Restricted Working Space, Add	*9.87*	
22 13 16 00-0835	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	101.74	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0836	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	168.79	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0837	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	180.08	29.99
		For Work In Restricted Working Space, Add	*13.50*	
22 13 16 00-0838		**Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps** *(22 13 16 00-0729)*		
22 13 16 00-0839	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	84.02	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0840	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	123.71	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0841	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	416.34	41.61
		For Work In Restricted Working Space, Add	*18.72*	
22 13 16 00-0842	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	797.69	48.38
		For Work In Restricted Working Space, Add	*21.77*	
22 13 16 00-0843		**Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges** *(22 13 16 00-0729)*		
22 13 16 00-0844	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	115.04	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0845	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	107.51	29.99
		For Work In Restricted Working Space, Add	*13.50*	
22 13 16 00-0846		**Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters** *(22 13 16 00-0729)*		
22 13 16 00-0847	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	24.49	8.03
		For Work In Restricted Working Space, Add	*3.63*	
22 13 16 00-0848	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	37.45	10.35
		For Work In Restricted Working Space, Add	*4.64*	
22 13 16 00-0849	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	84.81	13.84
		For Work In Restricted Working Space, Add	*6.24*	
22 13 16 00-0850	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	165.79	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0851		**Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings** *(22 13 16 00-0729)*		
22 13 16 00-0852	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	37.82	18.39
		For Work In Restricted Working Space, Add	*8.27*	
22 13 16 00-0853	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	88.15	21.87
		For Work In Restricted Working Space, Add	*9.87*	
22 13 16 00-0854	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	71.39	24.20
		For Work In Restricted Working Space, Add	*10.88*	
22 13 16 00-0855	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	167.01	26.41
		For Work In Restricted Working Space, Add	*11.90*	
22 13 16 00-0856	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	118.79	29.99
		For Work In Restricted Working Space, Add	*13.50*	
22 13 16 00-0857	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	342.73	35.54
		For Work In Restricted Working Space, Add	*16.01*	
22 13 16 00-0858		**Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings** *(22 13 16 00-0729)*		
22 13 16 00-0859	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	105.46	16.16
		For Work In Restricted Working Space, Add	*7.26*	
22 13 16 00-0860	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	117.64	20.61
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0861	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	133.71	27.67
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0862	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	145.90	32.22
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0863		**Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe** *(22 13 16 00-0716)*		
		Note: In place piping.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0864	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.09	
22 13 16 00-0865	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.80	
22 13 16 00-0866	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	9.92	
22 13 16 00-0867	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	13.40	
22 13 16 00-0868	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	19.14	
22 13 16 00-0869		Elastomeric Flexible Pipe Couplings *(22 13 16)*		
22 13 16 00-0870		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings *(22 13 16 00-0869)*		
		Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0871	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	12.29	4.20
22 13 16 00-0872	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	13.24	4.46
22 13 16 00-0873	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	13.92	4.73
22 13 16 00-0874	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	16.04	4.99
22 13 16 00-0875	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	18.08	5.25
22 13 16 00-0876	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	22.89	5.51
22 13 16 00-0877	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	27.75	5.78
22 13 16 00-0878	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	37.51	6.31
22 13 16 00-0879	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	49.32	7.36
22 13 16 00-0880		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0869)*		
		Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0881	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	13.09	4.46
22 13 16 00-0882	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	14.18	4.73
22 13 16 00-0883	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	17.28	4.99
22 13 16 00-0884	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	15.58	4.99
22 13 16 00-0885	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	21.15	5.25
22 13 16 00-0886	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	20.28	5.25
22 13 16 00-0887	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	18.66	5.25
22 13 16 00-0888	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	26.69	5.51
22 13 16 00-0889	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	24.22	5.51
22 13 16 00-0890	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	32.86	5.78
22 13 16 00-0891	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	29.16	5.78
22 13 16 00-0892	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	30.19	5.78
22 13 16 00-0893	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	59.12	10.51
22 13 16 00-0894	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	48.86	10.51
22 13 16 00-0895	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	61.55	11.82
22 13 16 00-0896		Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*		
		Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.		
22 13 16 00-0897	EA	1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	46.16	28.37
22 13 16 00-0898	EA	2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	49.50	30.16
22 13 16 00-0899	EA	3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	57.28	34.57
22 13 16 00-0900	EA	4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	75.60	45.70
22 13 16 00-0901	EA	5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	90.60	54.63
22 13 16 00-0902	EA	6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	104.51	63.05
22 13 16 00-0903	EA	8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	139.88	79.85
22 13 16 00-0904	EA	10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	171.39	89.31
22 13 16 00-0905	EA	12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	215.96	99.29
22 13 16 00-0906		Seamless Pipe Vent Flashing For Multiple Pipe *(22 13 16)*		
		Note: Elmdor/Stoneman #910.		
22 13 16 00-0907	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 4 LB)	472.05	110.32
22 13 16 00-0908	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 6 LB)	493.25	110.32
22 13 16 00-0909	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 4 LB)	528.03	128.71
22 13 16 00-0910	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 6 LB)	557.79	128.71
22 13 16 00-0911	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 4 LB)	597.73	149.73
22 13 16 00-0912	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 6 LB)	638.27	149.73
22 13 16 00-0913		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*		
22 13 16 00-0914	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	90.89	21.78
22 13 16 00-0915	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	95.73	24.20
22 13 16 00-0916	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	144.06	31.44
22 13 16 00-0917	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	168.97	36.28
22 13 16 00-0918	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	197.23	41.12
22 13 16 00-0919	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	335.41	45.96
22 13 16 00-0920		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0921	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	191.82	21.78
22 13 16 00-0922	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	196.66	24.20
22 13 16 00-0923	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	233.35	31.44
22 13 16 00-0924	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	292.45	36.28
22 13 16 00-0925	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	400.99	41.12
22 13 16 00-0926	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	410.66	45.96
22 13 16 00-0927		Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)*		
		Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0928	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	368.42	21.78
22 13 16 00-0929	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	373.26	24.20
22 13 16 00-0930	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	428.39	31.44
22 13 16 00-0931	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	482.07	36.28
22 13 16 00-0932	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	562.81	41.12
22 13 16 00-0933	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	614.79	45.96

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001		Round Top Floor Drains *(22 13 19 13)*		
22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet	728.58	104.02
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	800.28	116.60
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	778.61	128.99
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	805.17	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	729.75	116.60
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	754.62	128.99
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	781.18	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,223.94	116.60
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,248.81	128.99
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,275.37	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,151.97	116.60
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,176.70	128.99
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,203.40	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,267.00	116.50
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,291.85	128.99
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,318.55	142.34
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,005.87	116.50
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,030.72	128.99
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,057.42	142.34
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,907.52	116.50
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,932.37	128.99
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,959.07	142.34
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	

22 13 19 13-0024 Square Or Rectangular Top Drains *(22 13 19 13)*

22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	866.37	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	891.49	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	917.92	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	938.34	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	963.46	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	989.89	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,255.00	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,280.12	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,306.55	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	813.60	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	838.72	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	865.15	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	904.76	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	929.88	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	956.31	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,161.44	116.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,186.56	129.08
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,212.99	142.34
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,038.55	129.08
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,064.98	142.34
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	3,820.61	129.08
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	3,847.04	142.34
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	3,727.05	129.08
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	3,753.48	142.34
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,274.19	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,299.31	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,325.74	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,646.03	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,671.15	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,697.58	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,732.39	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,757.51	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,783.94	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,401.70	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,426.82	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,453.25	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,197.43	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,222.55	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,248.98	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,514.09	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,539.21	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,565.64	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,600.45	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,625.57	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,652.00	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,145.01	116.50
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,170.13	129.08
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,196.56	142.34
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,203.66	104.02
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,228.61	116.50
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,253.46	128.99
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,280.16	142.34
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	1,768.38	116.50
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	1,793.23	128.99
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	1,819.93	142.34
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,674.82	116.50
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,699.67	128.99
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,726.37	142.34
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,575.77	104.02
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	2,600.81	116.50
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	2,625.66	128.99
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	2,652.36	142.34
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	2,679.90	156.08
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,783.13	116.50
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,808.25	129.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,834.68	142.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,862.22	156.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,701.21	116.50
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,726.33	129.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,752.76	142.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,780.30	156.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,596.02	116.50
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,621.14	129.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,647.57	142.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,675.11	156.08
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

22 13 19 13-0102 Other Drains *(22 13 19 13)*

22 13 19 13-0103 Shower Drains *(22 13 19 13-0102)*

22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	47.27	10.51
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	52.77	10.51
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	108.29	21.02
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	139.94	21.02

22 13 19 13-0108 Acid Resistant Floor Drains *(22 13 19 13-0102)*

22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,213.17	104.02
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,238.21	116.50
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,263.06	128.99
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0112 Rotary And Lever Drains *(22 13 19 13-0102)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0113	EA	Lever Drain, 1-1/2" Drain, 3" Sink Opening	238.55	70.16
22 13 19 13-0114	EA	Lever Drain, 2" Drain, 3" Sink Opening	253.06	77.41
22 13 19 13-0115	EA	Lever Drain, 1-1/2" Drain, 3-1/2" Sink Opening	238.55	70.16
22 13 19 13-0116	EA	Lever Drain, 2" Drain, 3-1/2" Sink Opening	253.06	77.41
22 13 19 13-0117	EA	Twist Drain, 1-1/2" Drain, 3" Sink Opening	238.55	70.16
22 13 19 13-0118	EA	Twist Drain, 2" Drain, 3" Sink Opening	253.06	77.41
22 13 19 13-0119	EA	Twist Drain, 1-1/2" Drain, 3-1/2" Sink Opening	238.55	70.16
22 13 19 13-0120	EA	Twist Drain, 2" Drain, 3-1/2" Sink Opening	253.06	77.41
22 13 19 13-0121	EA	Rotary Twist Drain, 1-1/2"-2" Drain, 3-1/2" Sink Opening (Fisher 16100)	328.87	77.41

22 13 19 13-0122 Floor Receptor *(22 13 19 13)*

22 13 19 13-0123 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*

Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,490.26	116.60
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,515.50	129.18
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,541.65	142.34
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

22 13 19 13-0127 Square Top Floor Receptors *(22 13 19 13-0122)*

Note: With acid resistant coating.

22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	1,762.62	104.02
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,787.69	116.60
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,812.42	128.99
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,839.12	142.34
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	102.38	12.10
22 13 19 13-0134	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	82.83	12.10
22 13 19 13-0135	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	90.65	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	110.19	12.10
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	98.47	12.10
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	141.76	12.10
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	157.50	12.10
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	196.56	12.10

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*
Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,200.35	72.58
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,303.55*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,400.78	163.29
		For Flange And Clamp Device, Add	*369.02*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,376.73*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	1,993.54	181.43
		For Flange And Clamp Device, Add	*381.12*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,503.35*	
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,410.06	199.58
		For Flange And Clamp Device, Add	*393.21*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,624.54*	
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	2,698.96	217.72
		For Flange And Clamp Device, Add	*435.71*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,691.00*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,315.91	254.01
		For Flange And Clamp Device, Add	*471.10*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,859.76*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,329.92	290.29
		For Flange And Clamp Device, Add	*536.25*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,981.49*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	8,538.61	326.57
		For Flange And Clamp Device, Add	*761.72*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	9,668.81	414.57
		For Flange And Clamp Device, Add	*884.38*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	11,917.54	663.29
		For Flange And Clamp Device, Add	*1,210.20*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	17,111.27	829.12
		For Flange And Clamp Device, Add	*1,450.03*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	19,958.47	994.95
		For Flange And Clamp Device, Add	*1,873.54*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	25,943.63	1,160.77
		For Flange And Clamp Device, Add	*2,221.85*	
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	33,578.45	1,326.59
		For Flange And Clamp Device, Add	*2,605.68*	

22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*
Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.

22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor. Note: Josam 60115A.	3,479.68	199.58
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor. Note: Josam 60117A.	4,476.69	254.01
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor. Note: Smith 8150.	7,398.32	290.29

22 13 19 26-0021 Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0022		**Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	3,061.38	72.58
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,303.55*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	3,600.79	163.29
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,376.73*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	3,846.47	181.43
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,503.35*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	4,696.51	199.58
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,624.54*	
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	5,664.04	217.72
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,691.00*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	5,853.55	254.01
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,859.76*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	6,681.86	290.29
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,981.49*	
22 13 19 26-0030		**Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	7,873.94	254.01
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	6,693.80	199.58
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	7,789.58	217.72
22 13 19 26-0035	EA	35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	6,680.15	254.01
22 13 19 26-0036		**Precast Concrete Grease Interceptor** *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	4,788.36	377.01
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	5,474.47	377.01
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	6,213.64	431.01
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	7,079.79	608.69
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	7,981.34	818.95
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	11,959.88	1,077.47
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	15,383.15	1,766.88
22 13 19 26-0044		**Coated Steel Manual Oil Interceptor** *(22 13 19 26)* Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,312.00	276.33
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,814.73	328.35
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	7,040.43	404.00
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	7,646.12	437.62
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	9,185.09	477.54
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	12,122.19	525.35
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	20,384.51	604.78
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	22,275.81	744.11
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	27,364.08	806.53
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	38,317.93	967.63
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	44,213.16	1,040.21
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	55,713.93	1,240.52
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	67,337.86	1,016.51
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	79,768.45	1,209.55
22 13 19 33		**Backwater Valves** *(22 13 19)*		
22 13 19 33-0001		**Cast Iron Body Terminal Backwater Valves** *(22 13 19 33)*		
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	342.38	27.77
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	353.02	34.93
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	508.05	46.44
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	1,350.29	64.88
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	1,652.97	85.38
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	4,741.34	105.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	5,376.15	136.62
22 13 19 33-0009		**Cast Iron Backwater Sewer Line Valve** *(22 13 19 33)*		
		Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	852.85	66.19
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,291.70	80.32
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,599.59	103.54
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,235.19	117.87
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,088.60	139.67
22 13 19 33-0015		**Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve** *(22 13 19 33)*		
		Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,276.31	104.80
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,328.16	139.34
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	3,382.49	174.57
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	3,412.84	194.62
22 13 19 33-0020		**Polyvinyl Chloride (PVC) Backwater Sewer Line Valve** *(22 13 19 33)*		
		Note: Oatey.		
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	128.78	34.93
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	153.93	46.44
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	456.54	64.88
22 13 19 33-0024		**Polyvinyl Chloride (PVC) Extendable Backwater Valves** *(22 13 19 33)*		
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	304.74	69.86
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	405.79	92.89
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	704.72	129.74
22 13 19 36		**Air-Admittance Valves** *(22 13 19)*		
22 13 19 36-0001		**Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent** *(22 13 19 36)*		
22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	140.41	13.55
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	166.60	13.55
22 13 23		**Sanitary Waste Interceptors** *(22 13)*		
22 13 23 00-0001		**Sediment Bucket Solids Interceptors** *(22 13 23)*		
22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,183.93	137.02
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,185.42	137.02
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,669.76	137.02
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,669.76	137.02
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,779.41	137.02
22 13 23 00-0007		**Solid Interceptors, Cast Iron With Internal Deep Seal Trap** *(22 13 23)*		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	316.25	46.86
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	322.25	49.91
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0010		**Sediment Strainers** *(22 13 23)*		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	147.81	63.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29		**Sanitary Sewerage Pumps** *(22 13)*		
		Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13		**Wet-Pit-Mounted, Vertical Sewerage Pumps** *(22 13 29)*		
22 13 29 13-0001		Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)*		
		Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.		
22 13 29 13-0002		1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	5,843.28	1,160.78
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	6,059.74	1,160.78
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	6,276.20	1,160.78
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	6,482.67	1,160.78
22 13 29 13-0007		2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,442.71	1,160.78
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,525.97	1,160.78
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,584.25	1,160.78
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,983.87	1,160.78
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	7,375.17	1,160.78
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	7,974.60	1,160.78
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	8,574.04	1,160.78
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	9,941.41	1,544.74
22 13 29 13-0016		3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	6,859.87	1,160.78
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	6,859.87	1,160.78
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	7,004.12	1,160.78
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,123.33	1,160.78
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,319.66	1,160.78
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,010.47	1,544.74
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,510.00	1,544.74
22 13 29 13-0024		Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	
22 13 29 13-0030		Float Switches *(22 13 29 13-0001)*		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	
22 13 29 13-0034		Square Or Round Steel Sump Covers *(22 13 29 13-0001)*		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	792.09	38.70
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	876.80	43.54
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,217.39	58.06
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,771.70	67.74
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,900.18	70.16
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	2,032.51	72.58
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	2,590.77	87.09
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	3,516.10	96.76
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	4,458.96	120.96
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	5,674.47	133.05
22 13 29 16		**Submersible Sewerage Pumps** *(22 13 29)*		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*		
22 13 29 16-0002		Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 25' cord.		
22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,146.08	70.40
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,219.90	70.40
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,197.18	70.40
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,306.01	70.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,306.01	70.40
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,386.93	87.99
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,483.46	87.99
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,495.76	87.99
22 13 29 16-0011		Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,166.90	70.40
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,272.89	70.40
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,222.73	70.40
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,324.94	70.40
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,416.74	70.40
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,328.26	87.99
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,438.04	87.99
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,437.09	87.99
22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,662.84	141.84
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,755.58	141.84
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,771.67	141.84
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,789.67	173.37
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,895.66	173.37
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,898.50	173.37
22 13 29 16-0026		Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,378.88	70.40
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,558.69	70.40
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,529.83	87.99
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,638.66	87.99
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,879.55	141.84
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,988.38	141.84
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,007.33	173.37
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,116.16	173.37
22 13 29 16-0035		Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,839.26	87.99
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,112.92	148.25
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,406.86	181.19
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,611.74	219.62
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,175.88	258.06
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	5,782.06	296.49
22 13 29 16-0042		Submersible Sewage Pumps, Explosion Proof *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,184.13	315.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	5,705.04	315.35
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	5,705.04	315.35
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,486.18	420.46
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,007.10	420.46
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,007.10	420.46
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,887.06	525.58
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,407.97	525.58
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,407.97	525.58
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,195.09	630.70
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,716.01	630.70
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,716.01	630.70
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,949.30	735.81
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,470.21	735.81
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,470.21	735.81
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,235.38	840.93
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,235.38	840.93
22 13 29 16-0060		**Submersible Sewage Pump Accessories** *(22 13 29 16)*		
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	582.59	86.50
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	600.67	86.50
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,163.78	115.34
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	1,626.72	115.34
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	3,893.37	115.34
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,072.37	115.34
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	6,501.05	144.17
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	5,482.79	144.17
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,296.49	144.17
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,423.08	144.17
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,367.92	144.17
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,482.00	144.17
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn and warning light. Float switches not included..	2,500.94	144.17
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure Note: Includes alarm horn, warning light and 15' tethered float.	477.92	57.66
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord Note: Not for use with Intrinsically Safe Control Systems.	97.44	28.84
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	117.87	28.84
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord Note: Not for use with Intrinsically Safe Control Systems.	121.75	28.84
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	131.52	28.84
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats Note: Not for use with Intrinsically Safe Control Systems.	342.68	28.84
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	405.89	28.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords Note: Not for use with Intrinsically Safe Control Systems.	380.30	28.84
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	461.44	28.84
22 13 29 16-0083	EA	Float Switch Tree Note: Tree only.	187.61	28.84
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	52.68	14.41
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge Note: Lifting equipment not included.	966.67	86.50
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge Note: Lifting equipment not included.	1,508.09	115.34
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge Note: Lifting equipment not included.	1,967.40	144.17
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	2,232.59	86.50
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	3,147.30	86.50
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	290.30	57.66
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	500.68	72.09
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	506.94	86.50
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	143.26	28.84
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge Note: Used for shallow systems where guide rails are not necessary.	273.07	28.84

22 13 29 33 Sewerage Pump Basins and Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	108.83	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	138.33	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	298.54	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	414.37	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	530.19	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	615.18	

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	351.26	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	718.90	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,294.37	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,744.07	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,010.21	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,123.02	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,494.98	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,897.69	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*
Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	875.67	161.30
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	956.31	193.53
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,036.95	241.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,395.51	290.29
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,435.82	322.51
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,703.85	338.67
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,321.08	350.77
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,392.88	161.30
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,509.65	193.53
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,660.64	241.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,302.53	290.29
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,474.04	322.51
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	1,902.10	161.30
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	1,982.74	193.53
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,063.38	241.91
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,406.74	290.29
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,447.05	322.51
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,235.29	64.54
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,267.54	80.60
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,282.21	87.96
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	1,805.13	116.60
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	1,856.56	142.34
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0028		**Cast Iron Roof Drain With Flat Cast Iron Grate** *(22 14 26 13-0001)*		
		Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	963.11	161.30
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,043.75	193.53
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,124.39	241.91
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0032		**Cast Iron Roof Drains With Large Cast Iron Dome** *(22 14 26 13-0001)*		
22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,039.14	161.30
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,119.78	193.53
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,200.42	241.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,558.98	290.29
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,599.29	322.51
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	1,867.32	338.67
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,484.55	350.77
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0040		**Aluminum Roof Drains** *(22 14 26 13)*		
22 14 26 13-0041		**Aluminum Dome Roof Drains** *(22 14 26 13-0040)*		
22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,067.65	161.30
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,148.29	193.53
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,228.93	241.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,627.80	322.22
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	1,896.03	338.67
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,513.06	350.77
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Copolymer Retrofit Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	765.37	193.53
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	859.94	241.91
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,036.63	290.29
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,132.66	322.22
22 14 26 13-0054		Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	890.75	193.53
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	979.75	241.91
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,164.79	290.29
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,221.81	322.22
22 14 26 13-0059		Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	770.95	193.53
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	865.52	241.91
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,042.20	290.29
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,093.65	322.22
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	466.06	96.76
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	466.06	96.76
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	466.06	96.76
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	732.59	120.96
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	732.59	120.96
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	961.02	120.96
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,783.13	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,808.25	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,834.68	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,862.22	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,701.21	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,726.33	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,752.76	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,780.30	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,596.02	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,621.14	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,647.57	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,675.11	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,642.68	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,667.80	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,694.23	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,721.77	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,739.95	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,765.07	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,791.50	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,819.04	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,347.61	116.50
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,372.73	129.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,399.16	142.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,426.70	156.08
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,223.82	116.50
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,248.94	129.08
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,275.37	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	729.63	116.50
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	754.75	129.08
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	781.18	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,151.85	116.50
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,176.97	129.08
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,203.40	142.34
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,749.91	116.50
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,775.03	129.08
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,801.46	142.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,428.09	116.50
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,453.21	129.08
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,479.64	142.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,519.61	116.50
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,544.73	129.08
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,571.16	142.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,041.94	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,067.06	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,093.49	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	624.18	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	649.30	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	675.73	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	985.01	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,010.13	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,036.56	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	924.93	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	507.17	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	868.00	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,667.20	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,692.32	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,718.75	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,150.28	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,175.40	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,201.83	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,596.50	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,621.62	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,648.05	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,391.76	116.50
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,416.88	129.08
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,443.31	142.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,550.18	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,033.26	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,479.48	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,274.74	58.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	4,897.46	280.78
		For Explosion Proof Motor, Add	*274.20*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	5,191.01	339.84
		For Explosion Proof Motor, Add	*304.83*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	5,935.28	403.75
		For Explosion Proof Motor, Add	*393.80*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	6,351.63	496.69
		For Explosion Proof Motor, Add	*446.30*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	6,712.08	538.33
		For Explosion Proof Motor, Add	*651.95*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	7,961.80	645.80
		For Explosion Proof Motor, Add	*739.46*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	9,287.00	668.74
		For Explosion Proof Motor, Add	*1,212.01*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	11,303.26	834.51
		For Explosion Proof Motor, Add	*1,608.73*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	12,231.83	973.25
		For Explosion Proof Motor, Add	*2,085.66*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	16,371.56	1,168.32
		For Explosion Proof Motor, Add	*2,717.19*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	22,564.92	1,297.67
		For Explosion Proof Motor, Add	*4,306.95*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	755.69	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	826.90	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	904.82	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,086.42	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,214.32	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,236.43	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,388.02	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	1,518.82	

22 14 29 13-0022 Support Plate *(22 14 29 13)*

22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	792.09	38.70
22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	876.80	43.54
22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,217.39	58.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	1,771.70	67.74
22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	1,900.18	70.16
22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	2,032.41	72.58
22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	2,590.77	87.09
22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	3,516.10	96.76
22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	4,696.54	120.96
22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	5,674.47	133.05

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	418.13	63.05
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	461.18	63.05
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	714.89	66.72
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	783.02	66.72

22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*

Note: Includes 20' of cord with pump.

22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,189.92	66.72
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,292.59	66.72
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,359.01	73.54
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,468.78	73.54
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,514.50	84.05
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,622.38	84.05
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,629.39	99.81
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,723.08	99.81

22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,056.55	63.05
22 14 29 16-0018	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,090.84	63.05
22 14 29 16-0019	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,361.76	66.72
22 14 29 16-0020	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,385.85	66.72
22 14 29 16-0021	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,662.33	70.40
22 14 29 16-0022	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,662.33	70.40
22 14 29 16-0023	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,758.09	73.54
22 14 29 16-0024	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,758.09	73.54
22 14 29 16-0025	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,006.47	84.05
22 14 29 16-0026	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,006.47	84.05
22 14 29 16-0027	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,333.93	99.81
22 14 29 16-0028	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,292.23	99.81

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

22 15 13 00-0001 Quick Disconnect, Air-Service *(22 15 13)*

22 15 13 00-0002 Combination Steel And Brass *(22 15 13 00-0001)*

22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	50.11	14.71
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	55.84	17.86

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0005		Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*			
		Note: 120 Voltage, 1 Phase			
22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		729.78	83.82
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		836.31	86.16
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		987.58	88.48
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		1,112.79	93.14
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		1,452.58	104.78
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		1,642.31	119.22
22 15 13 00-0012	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		1,842.11	135.05
22 15 13 00-0013	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		2,166.53	151.35
22 15 13 00-0014	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		2,511.16	176.97
22 15 13 00-0015	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		2,831.69	189.07
22 15 13 00-0016	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		3,329.95	209.56
22 15 13 00-0017	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		3,832.06	232.84
		For 230 Voltage, Add		*1,009.91*	
22 15 13 00-0018	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		4,141.13	256.14
		For 230 Voltage, Add		*1,088.66*	
22 15 13 00-0019	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		4,458.32	284.07
		For 230 Voltage, Add		*1,167.41*	
22 15 13 00-0020	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		4,821.07	302.71
		For 230 Voltage, Add		*1,264.70*	
22 15 13 00-0021	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		5,099.15	314.35
		For 230 Voltage, Add		*1,341.14*	
22 15 13 00-0022	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		8,874.83	325.99
		For 230 Voltage, Add		*2,466.86*	
22 15 13 00-0023	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		9,538.96	337.63
		For 230 Voltage, Add		*2,659.11*	
22 15 13 00-0024	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		10,184.57	349.27
		For 230 Voltage, Add		*2,845.81*	
22 15 13 00-0025	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		12,107.34	372.56
		For 230 Voltage, Add		*3,408.67*	
22 15 13 00-0026	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		13,725.09	465.70
		For 230 Voltage, Add		*3,838.11*	
22 15 13 00-0027	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		19,539.98	558.83
		For 230 Voltage, Add		*5,526.69*	
22 15 13 00-0028	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		26,551.62	651.97
		For 230 Voltage, Add		*7,574.30*	
22 15 13 00-0029	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters		29,725.93	745.12
		For 230 Voltage, Add		*8,470.71*	
22 15 13 00-0030		Oil And Water Separator For Air Compressor *(22 15 13)*			
22 15 13 00-0031	EA	0-60 SCFM Oil/Water Separator		660.21	33.64
22 15 13 00-0032	EA	85 SCFM Oil/Water Separator		884.91	39.41
22 15 13 00-0033	EA	190 SCFM Oil/Water Separator		1,034.40	44.68
22 15 13 00-0034	EA	245 SCFM Oil/Water Separator		1,298.79	52.56
22 15 13 00-0035	EA	320 SCFM Oil/Water Separator		1,543.72	63.07
22 15 13 00-0036	EA	700 SCFM Oil/Water Separator		3,111.84	131.40
22 15 13 00-0037		Heavy Duty Industrial Pressure Regulator *(22 15 13)*			
22 15 13 00-0038	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		113.02	27.94
22 15 13 00-0039	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		157.91	37.25
22 15 13 00-0040	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		270.41	46.57
22 15 13 00-0041	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		338.60	69.85
22 15 13 00-0042	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		473.90	81.50
22 15 13 00-0043	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output		497.18	93.14
22 15 13 00-0044		Combination Air System; Filter Regulator Lubricator *(22 15 13)*			
22 15 13 00-0045	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter		430.15	83.82
22 15 13 00-0046	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter		532.36	111.77
22 15 13 00-0047		Heatless Desiccant Air Dryers *(22 15 13)*			
22 15 13 00-0048	EA	5 SCFM Heatless Desiccant Air Dryer		2,549.89	83.82
22 15 13 00-0049	EA	10 SCFM Heatless Desiccant Air Dryer		3,066.20	93.14
22 15 13 00-0050	EA	15 SCFM Heatless Desiccant Air Dryer		3,095.65	102.45
22 15 13 00-0051	EA	20 SCFM Heatless Desiccant Air Dryer		3,535.94	116.42
22 15 13 00-0052	EA	30 SCFM Heatless Desiccant Air Dryer		4,871.87	139.71
22 15 13 00-0053	EA	50 SCFM Heatless Desiccant Air Dryer		4,809.05	186.27
22 15 13 00-0054	EA	85 SCFM Heatless Desiccant Air Dryer		6,460.28	232.84
22 15 13 00-0055	EA	100 SCFM Heatless Desiccant Air Dryer		6,854.22	279.42
22 15 13 00-0056	EA	125 SCFM Heatless Desiccant Air Dryer		7,846.71	325.99
22 15 13 00-0057	EA	175 SCFM Heatless Desiccant Air Dryer		9,010.45	372.56
22 15 13 00-0058	EA	200 SCFM Heatless Desiccant Air Dryer		9,681.89	419.13
22 15 13 00-0059	EA	300 SCFM Heatless Desiccant Air Dryer		11,841.16	465.70
22 15 13 00-0060	EA	400 SCFM Heatless Desiccant Air Dryer		13,151.62	558.83
22 15 13 00-0061	EA	500 SCFM Heatless Desiccant Air Dryer		15,200.21	651.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0062	EA	600 SCFM Heatless Desiccant Air Dryer	17,539.10	745.12
22 15 13 00-0063		**Air Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0064	EA	20 SCFM Air-Cooled Aftercooler	641.48	58.21
22 15 13 00-0065	EA	35 SCFM Air-Cooled Aftercooler	867.03	69.85
22 15 13 00-0066	EA	43 SCFM Air-Cooled Aftercooler	952.08	81.50
22 15 13 00-0067	EA	70 SCFM Air-Cooled Aftercooler	1,163.75	93.14
22 15 13 00-0068	EA	125 SCFM Air-Cooled Aftercooler	1,622.49	104.78
22 15 13 00-0069	EA	185 SCFM Air-Cooled Aftercooler	1,821.82	116.42
22 15 13 00-0070	EA	260 SCFM Air-Cooled Aftercooler	3,532.12	139.71
22 15 13 00-0071	EA	365 SCFM Air-Cooled Aftercooler	3,691.73	162.99
22 15 13 00-0072	EA	560 SCFM Air-Cooled Aftercooler	3,850.10	186.27
22 15 13 00-0073	EA	650 SCFM Air-Cooled Aftercooler	4,515.58	209.56
22 15 13 00-0074	EA	750 SCFM Air-Cooled Aftercooler	4,936.47	232.84
22 15 13 00-0075	EA	900 SCFM Air-Cooled Aftercooler	5,661.24	256.14
22 15 13 00-0076	EA	1,100 SCFM Air-Cooled Aftercooler	7,270.54	279.42
22 15 13 00-0077	EA	1,460 SCFM Air-Cooled Aftercooler	8,317.13	302.71
22 15 13 00-0078	EA	1,800 SCFM Air-Cooled Aftercooler	8,587.61	325.99
22 15 13 00-0079	EA	2,500 SCFM Air-Cooled Aftercooler	9,208.64	349.27
22 15 13 00-0080		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0081		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0080)*		
22 15 13 00-0082	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	222.75	34.16
22 15 13 00-0083	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	265.99	34.16
22 15 13 00-0084	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	290.40	39.41
22 15 13 00-0085	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	334.38	45.20
22 15 13 00-0086	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	390.17	49.93
22 15 13 00-0087	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	442.06	60.44
22 15 13 00-0088	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	500.61	65.69
22 15 13 00-0089	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	577.70	78.84
22 15 13 00-0090	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	741.44	105.12
22 15 13 00-0091	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	848.01	118.25
22 15 13 00-0092		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0080)*		
22 15 13 00-0093	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	272.16	34.16
22 15 13 00-0094	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	295.01	39.41
22 15 13 00-0095	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	338.71	45.20
22 15 13 00-0096	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	398.82	44.68
22 15 13 00-0097	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	451.95	60.44
22 15 13 00-0098	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	512.82	65.69
22 15 13 00-0099	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	588.82	78.84
22 15 13 00-0100	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	759.98	105.12
22 15 13 00-0101	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	872.72	118.25
22 15 13 00-0102		**Compressed Air Storage Tanks** *(22 15 13)*		
22 15 13 00-0103		**Horizontal Compressed Air Storage Tanks** *(22 15 13 00-0102)*		
22 15 13 00-0104	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	365.21	74.52
22 15 13 00-0105	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	687.20	81.50
22 15 13 00-0106	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	728.34	85.69
22 15 13 00-0107	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	832.03	93.14
22 15 13 00-0108	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,084.63	125.74
22 15 13 00-0109	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,313.74	139.71
22 15 13 00-0110	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	1,987.40	162.99
22 15 13 00-0111	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	2,984.10	186.27
22 15 13 00-0112	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	3,330.44	197.92
22 15 13 00-0113	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	4,842.12	209.56
22 15 13 00-0114	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	6,390.89	244.50
22 15 13 00-0115	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	9,215.17	291.06
22 15 13 00-0116		**Vertical Compressed Air Storage Tanks** *(22 15 13 00-0102)*		
22 15 13 00-0117	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	640.46	74.52
22 15 13 00-0118	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	670.82	81.50
22 15 13 00-0119	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	728.34	85.69
22 15 13 00-0120	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	864.46	93.14
22 15 13 00-0121	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,181.94	125.74
22 15 13 00-0122	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,360.60	139.71
22 15 13 00-0123	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	1,885.51	162.99
22 15 13 00-0124	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	2,774.09	186.27
22 15 13 00-0125	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	3,062.75	197.92
22 15 13 00-0126	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	4,186.87	209.56
22 15 13 00-0127	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	5,373.94	244.50
22 15 13 00-0128	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	7,025.90	267.78
22 15 13 00-0129	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	11,728.44	302.71

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19		**General Service Packaged Air Compressors and Receivers** *(22 15)*			
		Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.			
22 15 19 13		**General Service Packaged Reciprocating Air Compressors** *(22 15 19)*			
22 15 19 13-0001		Single Stage Compressor *(22 15 19 13)*			
		Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.			
22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure		2,808.73	330.46
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure		2,930.71	381.40
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure		3,342.77	450.43
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure		3,810.04	496.99
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure		4,669.43	524.93
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure		4,990.95	543.56
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure		5,603.43	621.24
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure		6,011.08	658.50
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure		7,217.01	745.49
22 15 19 13-0011		Two Stage Compressor *(22 15 19 13)*			
		Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.			
22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure		5,375.93	580.82
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure		5,764.85	683.36
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure		6,022.42	745.49
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure		6,861.14	993.98
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure		7,405.28	993.98
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure		7,931.89	1,242.48
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure		8,425.41	1,242.48
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure		10,807.00	1,536.80
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure		11,589.14	1,583.36
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure		12,520.86	1,850.49
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure		18,951.07	2,094.71
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure		20,344.56	2,366.95
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure		22,679.03	2,616.00
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure		24,669.83	2,867.01
22 15 19 19		**General Service Packaged Rotary-Screw Air Compressors** *(22 15 19)*			
22 15 19 19-0001		Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*			
		Note: Oil flooded.			
22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated		9,203.35	838.83
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated		10,243.89	1,118.43
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		13,139.57	1,402.25
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		15,169.86	1,786.98
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		17,354.34	2,102.32
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		21,082.70	2,365.12
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		23,097.62	2,627.91
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		27,818.11	2,943.25
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		30,590.93	3,153.49
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		34,360.45	3,398.41
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		44,793.81	3,679.08
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		49,730.55	3,889.30
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		80,128.37	4,204.65
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		100,075.90	4,546.28
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		116,310.91	4,893.16
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated		151,513.15	5,255.82
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated		172,199.03	5,592.19
22 15 19 19-0019		Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)*			
		Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.			
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated		11,476.44	1,118.43
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated		12,205.34	1,118.43
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		13,719.15	1,402.25
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		14,516.38	1,402.25
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		15,488.76	1,786.98
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated		16,331.55	1,786.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,617.55	2,102.32
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,528.68	2,102.32
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	30,679.87	2,365.12
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	33,036.47	2,627.91
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	35,165.32	2,943.25

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0109 for residential water softener.

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	4,734.93	266.10
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	4,949.23	278.19
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,347.49	290.29
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,172.99	302.39
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	6,583.51	314.49

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,152.46	290.29
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	7,524.16	302.39
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	7,936.72	314.49
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	9,457.23	326.57
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	10,525.96	338.67
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	12,849.80	350.77

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	10,937.86	302.39
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	11,336.11	314.49
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	12,860.70	326.57
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	13,929.43	338.67
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	16,380.02	350.77
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	21,659.67	362.87
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	25,365.33	374.96

22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	26,649.73	350.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	30,811.24	362.87
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	34,467.84	374.96
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	43,443.28	387.05
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	48,119.91	399.15
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	17,975.65	453.58
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	18,774.40	471.72
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	21,404.68	489.87
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	23,417.65	508.01
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	28,637.84	526.15
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	38,023.97	544.30
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	44,797.72	562.44
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	49,005.56	526.15
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	56,331.20	544.30
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	63,331.84	562.44
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	80,659.43	580.58
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	90,084.40	598.73
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,198.89	399.15
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	6,615.39	417.30
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	7,226.07	435.44
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	8,709.60	453.58
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	9,649.40	471.72
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	12,322.09	435.44
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	12,996.14	453.58
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	13,997.26	471.72
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	16,049.06	489.87
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	18,131.53	508.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	22,760.97	526.15

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Commercial Water Filters Housings *(22 32 16)*

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,436.86	170.81
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,481.54	183.96
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,640.69	197.09
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	2,926.56	210.24
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,012.12	223.37
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	3,663.91	236.51
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	10,448.08	249.65
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	12,164.86	262.79
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	15,465.83	275.93
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	17,162.17	289.07

22 32 16 00-0014 Commercial Water Filter Cartridges *(22 32 16 00-0002)*

22 32 16 00-0015 (Depth) Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	11.87	2.11
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	11.87	2.11
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	11.87	2.11
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	9.82	2.11
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	12.38	2.11
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	12.38	2.11
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	13.40	2.11
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	16.98	2.11
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	13.40	2.11
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	15.95	2.11
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	15.95	2.11
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	15.95	2.11
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	17.49	2.11
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	23.11	2.11
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	21.06	2.11
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	21.06	2.11
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	23.11	2.11

22 32 16 00-0033 Pleated Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	21.58	2.11
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	21.58	2.11
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	22.09	2.11
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	23.62	2.11
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	35.88	2.11
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	34.35	2.11
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	34.35	2.11
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	34.35	2.11
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	45.59	2.11
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	65.01	2.11
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	54.28	2.11
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	75.74	2.11
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	78.81	2.11
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	89.03	2.11

22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*

22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,910.79	157.68

22 32 16 00-0051 Commercial Water Filter Cartridges *(22 32 16 00-0048)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	640.95	2.11
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	132.47	2.11
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	131.45	2.11
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	131.45	2.11
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	150.87	2.11
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	351.70	2.11
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	330.24	2.11
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	359.88	2.11
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	377.25	2.11
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	401.78	2.11
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	435.51	2.11

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*		
22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	358.91	52.54
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	564.08	52.54

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001		Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)* Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	481.81	78.80
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	707.76	105.07
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,197.53	183.88
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,830.56	210.14
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	944.89	105.07
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	1,299.12	157.61
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	1,452.33	210.14
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	1,503.29	210.14
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	1,551.42	210.14
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	1,622.21	210.14

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	704.64	165.49
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	850.23	175.99
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	990.57	183.88

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001		Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	1,051.46	183.88
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	997.97	189.13
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	986.67	194.38
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,090.42	197.01
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	1,538.13	202.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	1,569.47	210.14
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	2,056.92	223.27
22 33 30 16-0009		Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,121.39	183.88
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,075.83	189.13
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,136.17	194.38
22 33 30 16-0013		High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*		
		Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,157.51	189.13
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	1,257.64	194.38
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	1,527.16	202.25
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	1,655.04	210.14
22 33 30 16-0018		Water Heater Accessories *(22 33 30 16)*		
22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	86.50	10.51
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	101.11	10.51
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	191.37	10.51
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	254.89	10.51
22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	69.29	7.88
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	75.74	7.88
22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	80.04	7.88
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	95.09	7.88
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	36.94	7.88
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	40.38	7.88
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	45.21	7.88
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	51.43	7.88
22 33 33		**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001		Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*		
		Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0002	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	1,327.69	183.88
22 33 33 00-0003	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,425.24	183.88
22 33 33 00-0004	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,550.56	210.14
22 33 33 00-0005	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	2,665.43	210.14
22 33 33 00-0006	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	3,080.19	262.67
22 33 33 00-0007	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	3,417.53	315.21
22 33 33 00-0008	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	4,101.26	472.81
22 33 33 00-0009		Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)*		
		Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0010	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	4,780.70	183.88
22 33 33 00-0011	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	4,966.51	183.88
22 33 33 00-0012	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	5,167.81	183.88
22 33 33 00-0013	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	5,220.35	210.14
22 33 33 00-0014	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	5,452.62	210.14
22 33 33 00-0015	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	5,824.24	210.14
22 33 33 00-0016	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	6,071.99	210.14
22 33 33 00-0017	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	6,273.29	210.14
22 33 33 00-0018	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	6,490.07	210.14
22 33 33 00-0019	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	5,684.88	210.14
22 33 33 00-0020	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	5,901.66	210.14
22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	6,149.41	210.14
22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	6,350.71	210.14
22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	6,567.49	210.14
22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	8,162.38	210.14
22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	6,208.03	262.67
22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	6,409.33	262.67
22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	6,657.08	262.67
22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	6,873.86	262.67
22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	8,484.23	262.67
22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	9,227.48	262.67
22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	9,955.24	262.67
22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	7,180.22	315.21
22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	7,381.52	315.21
22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	7,582.82	315.21
22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	7,799.60	315.21
22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	9,456.42	315.21
22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	10,199.67	315.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	10,927.44	315.21
22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	12,243.61	315.21
22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	12,832.01	315.21
22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	14,875.94	315.21
22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	17,508.28	315.21
22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	21,936.81	315.21
22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	8,102.64	420.28
22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	8,334.91	420.28
22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	8,551.69	420.28
22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	8,737.50	420.28
22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	10,378.84	420.28
22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	11,122.09	420.28
22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	11,834.37	420.28
22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	13,181.51	420.28
22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	13,754.43	420.28
22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	15,813.85	420.28
22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	18,461.67	420.28
22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	22,874.71	420.28
22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	9,059.35	472.81
22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	9,276.13	472.81
22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	9,461.95	472.81
22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	11,118.77	472.81
22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	11,784.60	472.81
22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	12,558.82	472.81
22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	13,905.95	472.81
22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	14,494.36	472.81
22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	16,429.90	472.81
22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	19,186.12	472.81
22 33 33 00-0066	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	23,599.16	472.81
22 33 33 00-0067	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	10,186.39	525.35
22 33 33 00-0068	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	10,434.14	525.35
22 33 33 00-0069	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	12,044.51	525.35
22 33 33 00-0070	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	12,787.76	525.35
22 33 33 00-0071	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	13,515.52	525.35
22 33 33 00-0072	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	14,831.69	525.35
22 33 33 00-0073	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	15,435.58	525.35
22 33 33 00-0074	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	17,464.03	525.35
22 33 33 00-0075	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	20,096.37	525.35
22 33 33 00-0076	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	24,540.38	525.35
22 33 33 00-0077	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	10,953.97	630.42
22 33 33 00-0078	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	11,170.75	630.42
22 33 33 00-0079	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	12,781.12	630.42
22 33 33 00-0080	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	13,493.40	630.42
22 33 33 00-0081	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	14,252.13	630.42
22 33 33 00-0082	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	15,568.30	630.42
22 33 33 00-0083	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	16,125.74	630.42
22 33 33 00-0084	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	18,216.13	630.42
22 33 33 00-0085	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	20,863.95	630.42
22 33 33 00-0086	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	25,261.51	630.42

22 33 33 00-0087 Water Heater Accessories *(22 33 33)*

22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	45.06	
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	66.17	

22 33 33 00-0090 Removal And Reinstallation Of Water Heater *(22 33 33)*

Note: Includes storage and cleaning.

22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	350.23	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,050.70	

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,450.41	210.14
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,563.58	212.76
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,711.44	218.02
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,986.69	223.27
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	2,397.69	236.40
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	2,446.74	236.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	1,558.33	210.14
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	2,397.69	236.40
22 34 30		**Residential Gas Domestic Water Heaters** *(22 34)*		
22 34 30 13		**Residential, Atmospheric, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 13-0001		Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,105.21	202.25
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,089.25	207.51
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	1,422.10	212.76
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	1,533.92	218.02
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	1,668.93	223.27
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	2,428.74	236.40
22 34 30 16		**Residential, Direct-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 16-0001		Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	1,952.99	207.51
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	2,216.31	212.76
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	2,857.91	218.02
22 34 30 19		**Residential, Power-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 19-0001		Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	1,782.24	207.51
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	1,855.03	212.76
22 34 36		**Commercial Gas Domestic Water Heaters** *(22 34)*		
22 34 36 13		**Commercial, Atmospheric, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 13-0001		Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)* Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,491.35	315.21
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	6,921.23	367.74
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,572.68	420.28
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	7,400.54	420.28
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,524.80	420.28
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	11,393.93	462.31
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	8,238.56	472.81
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	12,267.27	520.09
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	8,368.46	472.81
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	11,695.08	520.09
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	9,259.03	577.89
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	12,776.79	635.67
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,434.32	577.89
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	12,854.11	635.67
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	10,075.53	630.42
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	14,191.37	693.46
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	12,843.60	630.42
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	16,851.24	693.46
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	16,783.84	682.95
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	8,374.83	367.74
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,056.67	404.52
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	8,696.40	420.28
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	10,435.14	462.31
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,071.71	262.67
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,272.75	262.67

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0027		Removal And Reinstallation Of Water Heater *(22 34 36 13)* Note: Includes storage and cleaning.			
22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon		477.59	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon		1,262.86	
22 34 36 19		**Commercial, Power-Vent, Gas Domestic Water Heaters** *(22 34 36)*			
22 34 36 19-0001		Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.			
22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)		5,269.66	315.21
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)		7,573.86	315.21
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)		9,240.83	367.74
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)		9,608.80	420.28
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)		9,655.19	420.28
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)		9,871.69	420.28
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)		11,594.97	462.31
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)		10,889.16	472.81
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)		13,411.63	520.09
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)		11,393.12	577.89
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)		13,983.01	635.67
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)		11,640.55	577.89
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)		14,137.65	635.67
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)		13,060.10	630.42
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)		15,366.66	693.46
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)		15,859.16	630.42
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)		18,304.90	693.46
22 34 36 19-0019		Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.			
22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)		4,063.44	315.21
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)		5,486.16	315.21
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)		6,661.46	315.21
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)		9,631.81	346.73
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)		9,859.41	367.74
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)		12,453.66	404.52
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)		9,995.41	420.28
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)		12,816.66	462.31
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)		11,554.13	472.81
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)		14,076.60	520.09
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)		18,436.76	635.67
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)		19,371.94	693.46
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)		22,302.04	751.24
22 34 36 23		**Commercial, High-Efficiency, Gas Domestic Water Heaters** *(22 34 36)*			
22 34 36 23-0001		Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)* Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.			
22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)		87,922.72	1,415.04
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)		106,419.40	1,503.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	129,432.72	1,591.91
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	154,851.90	1,680.35
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	162,306.23	1,768.79

22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*

22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	10,773.92	774.58
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	11,678.97	871.40
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	13,504.69	1,065.05
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	19,807.79	1,161.87
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	21,760.57	1,355.51
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	24,891.82	1,549.15
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	27,487.59	1,742.80
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	32,911.37	1,936.45
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	34,142.79	2,033.26
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	36,644.59	2,130.08

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,785.69	1,471.70
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	52,184.31	1,626.61
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	56,655.31	1,704.07
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	61,357.30	1,858.98

22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,539.19	1,471.70
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,946.93	1,626.61
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,334.80	1,704.07
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,732.79	1,858.98

22 34 36 26-0011 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,197.80	697.12
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,015.03	774.58
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,578.01	929.49
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,086.97	968.22
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,574.65	1,161.87
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,460.23	1,394.24
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,313.81	1,471.70
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	25,863.13	1,587.89
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,265.28	1,665.34
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,377.36	1,704.07

22 34 36 26-0022 Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*

22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,697.73	1,161.87
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	26,084.12	1,394.24
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	34,898.43	1,587.89
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	35,950.63	1,665.34
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	37,636.20	1,704.07

22 34 36 26-0028 Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*

22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,502.75	1,394.24
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,469.15	1,587.89
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,580.99	1,704.07

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001 Oil-Fired Domestic Water Heaters (Bock) *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	2,125.77	161.81
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	2,095.54	161.81

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	2,192.67	161.81
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	2,318.93	166.01
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,980.03	170.21
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	2,499.72	170.21
22 34 46 11-0008		Oil Fired Commercial Water Heaters *(22 34 46 11)*		
		Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	3,452.72	252.17
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	4,085.07	252.17
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	4,109.40	252.17
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	5,937.39	336.22
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	8,172.89	420.28
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	10,333.71	462.31

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001 Steam Driven Water Heaters *(22 35 23 13)*

22 35 23 13-0002 Constant Flow *(22 35 23 13-0001)*

22 35 23 13-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	6,334.24	525.35
22 35 23 13-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	7,913.46	643.76
22 35 23 13-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	10,137.47	841.93
22 35 23 13-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	13,712.05	1,172.68
22 35 23 13-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	20,198.99	1,931.39
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	21,999.22	2,188.92
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	28,927.31	2,525.66
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	34,815.13	2,984.92

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	9,503.01	1,024.43
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	10,755.40	1,250.85
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	13,716.31	1,617.44
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	17,964.91	2,256.68
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	26,740.22	3,774.10
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	32,616.76	4,156.25
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	37,774.27	4,864.31
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	47,893.54	5,811.40

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, and Trim *(22 41)*

22 41 39 00-0001 Residential Kitchen Faucets *(22 41 39)*

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	175.04	48.38
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	201.49	48.38
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	201.49	48.38
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	194.19	48.38
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	208.39	48.38

22 41 39 00-0007 Residential Lavatory Faucets *(22 41 39)*

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	159.00	34.83
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	159.00	34.83
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	115.50	34.83
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	

22 41 39 00-0011 Residential Bath And Shower Faucets *(22 41 39)*

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	206.68	42.00
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	242.86	42.00
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	190.91	42.00
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	210.39	42.00
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	233.42	26.27
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	194.68	26.27
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	289.81	26.27
22 41 39 00-0019		Residential Laundry Faucets *(22 41 39)*		
22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	137.31	30.89
22 41 39 00-0021		Residential Laundry/Wash Basin Faucets *(22 41 39)*		
22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	138.40	30.89
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	196.78	34.05
22 41 39 00-0024		Other Residential Faucets *(22 41 39)*		
22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	38.16	7.88

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001		Vitreous China Water Closets *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	624.86	100.63
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado)	617.97	100.63
22 42 13 13-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®)	757.96	100.63
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	1,000.46	100.63
22 42 13 13-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	888.01	100.63
22 42 13 13-0008	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet™)	824.51	100.63
22 42 13 13-0009	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	828.88	100.63
22 42 13 13-0010	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	615.11	100.63
22 42 13 13-0011	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	664.12	100.63
22 42 13 13-0012		Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	717.15	123.86
22 42 13 13-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	910.67	123.86
22 42 13 13-0015	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,173.82	123.86
22 42 13 13-0016	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	720.25	123.86
22 42 13 13-0017	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,138.02	123.86
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	805.63	123.86
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	672.72	123.86
22 42 13 13-0020	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	711.24	123.86
22 42 13 13-0021		Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	634.37	100.63
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	651.20	100.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	725.40	100.63
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	817.19	100.63
22 42 13 13-0026	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	813.37	100.63
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,106.35	100.63
22 42 13 13-0028	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	922.76	100.63
22 42 13 13-0029	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	709.95	100.63
22 42 13 13-0030	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	809.81	100.63
22 42 13 13-0031	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519)	945.81	100.63
22 42 13 13-0032	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	723.01	100.63
22 42 13 13-0033	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	702.37	100.63
22 42 13 13-0034	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL)	671.34	100.63
22 42 13 13-0035		**Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	719.44	100.63
22 42 13 13-0037	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	642.77	100.63
22 42 13 13-0038	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	762.12	100.63
22 42 13 13-0039		**Floor Mounted Round Bowl Vitreous China Water Closets** *(22 42 13 13-0001)*		
22 42 13 13-0040	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113)	689.30	100.63
22 42 13 13-0041	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412)	709.41	100.63
22 42 13 13-0042		**Stainless Steel Water Closets** *(22 42 13 13)*		
22 42 13 13-0043	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	3,731.69	217.72
22 42 13 13-0044	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	3,935.98	217.72
22 42 13 13-0045		**Water Closet Carriers** *(22 42 13 13)*		
22 42 13 13-0046		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0047	EA	Pipe Grip Adaptor Type, Water Closet Carrier	609.54	51.09
22 42 13 13-0048		**No-Hub, Water Closet Carriers** *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0049	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	964.21	51.09
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-87.02*	
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Auxiliary Inlet, Add	*237.54*	
		For Special Duty 500 LB Carrier, Add	*413.14*	
22 42 13 13-0050	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	964.21	51.09
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-87.02*	
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Auxiliary Inlet, Add	*237.54*	
		For Special Duty 500 LB Carrier, Add	*413.14*	
22 42 13 13-0051	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,056.45	51.09
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-87.02*	
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Auxiliary Inlet, Add	*237.54*	
		For Horizontal No Hub Cast Long Barrel, Add	*248.03*	
		For Carrier For Wide Chase Installations, Add	*320.58*	
		For Special Duty 1,000 LB Carrier, Add	*413.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0052	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,174.68	51.09
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-87.02*	
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For 4" Branch, Add	*189.58*	
		For Auxiliary Inlet, Add	*237.54*	
		For Carrier For Wide Chase Installations, Add	*320.58*	
		For Double 4" Branches, Add	*380.44*	
		For Special Duty 1,000 LB Carrier, Add	*413.15*	
22 42 13 13-0053	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,612.31	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For Auxiliary Inlet, Add	*252.06*	
		For Special Duty 500 LB Carrier, Add	*826.27*	
22 42 13 13-0054	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,659.09	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For Auxiliary Inlet, Add	*252.06*	
		For Special Duty 500 LB Carrier, Add	*826.27*	
22 42 13 13-0055	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,031.95	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For 4" Branch, Add	*196.84*	
		For Auxiliary Inlet, Add	*252.06*	
		For Double 4" Branches, Add	*394.96*	
		For Carrier For Wide Chase Installations, Add	*684.70*	
		For Special Duty 1,000 LB Carrier, Add	*826.29*	
22 42 13 13-0056	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,909.83	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For Horizontal No Hub Cast Long Barrel, Add	*255.29*	
		For Carrier For Wide Chase Installations, Add	*684.70*	
		For Special Duty 1,000 LB Carrier, Add	*826.29*	

22 42 13 13-0057 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0045)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0058	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	964.21	51.09
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Hanger Type Closet Adapter, Add	*185.78*	
		For Auxiliary Inlet, Add	*237.54*	
22 42 13 13-0059	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	964.21	51.09
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Auxiliary Inlet, Add	*237.54*	
		For Special Duty 500 LB Carrier, Add	*413.14*	
22 42 13 13-0060	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,218.85	51.09
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-87.02*	
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For 4" Branch, Add	*189.58*	
		For Auxiliary Inlet, Add	*237.54*	
		For Carrier For Wide Chase Installations, Add	*320.58*	
		For Double 4" Branches, Add	*380.44*	
		For Special Duty 1,000 LB Carrier, Add	*413.15*	
22 42 13 13-0061	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,612.31	74.99
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For Auxiliary Inlet, Add	*252.06*	
		For Hanger Type Closet Adapter, Add	*371.57*	
22 42 13 13-0062	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,076.13	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For 4" Branch, Add	*196.84*	
		For Auxiliary Inlet, Add	*252.06*	
		For Double 4" Branches, Add	*394.96*	
		For Carrier For Wide Chase Installations, Add	*684.70*	
		For Special Duty 1,000 LB Carrier, Add	*826.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0063		Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 13-0064	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	736.85	51.09
		For Positioning Frame, Add	*54.51*	
		For Supply Pipe Support, Add	*55.81*	
		For Vandal Proof Trim, Add	*74.06*	
		For Hanger Type Closet Adapter, Add	*185.78*	
22 42 13 13-0065		Institutional Water Closet Carriers *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 13-0066	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	2,678.95	74.99
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-174.06*	
		For Positioning Frame, Add	*116.28*	
		For Supply Pipe Support, Add	*118.89*	
		For Vandal Proof Trim, Add	*148.12*	
		For Auxiliary Inlet, Add	*252.06*	
22 42 13 13-0067		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	442.33	
22 42 13 13-0069	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	442.33	
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	340.18	
22 42 13 13-0071	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	340.18	
22 42 13 16		**Commercial Urinals** *(22 42 13)*		
22 42 13 16-0001		Vitreous China Urinals *(22 42 13 16)*		
		Note: Excludes flush valve unless indicated otherwise.		
22 42 13 16-0002		Wall Hung Urinals *(22 42 13 16-0001)*		
22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	547.00	103.54
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	672.69	103.54
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	698.97	103.54
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	737.58	103.54
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	670.64	103.54
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	564.50	103.54
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	689.10	103.54
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	587.53	103.54
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	636.89	103.54
22 42 13 16-0012	EA	0.125 To 0.5 GPF, HEU, Wall Hung, Washout, Vitreous China Urinal (Sloan SU-1009-A)	580.27	103.54
22 42 13 16-0013	EA	1.0 GPF, HEU, Wall Hung, Washout, Vitreous China Urinal (Sloan SU-1006-A)	578.12	103.54
22 42 13 16-0014		Floor Mounted Urinals *(22 42 13 16-0001)*		
22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	928.22	130.63
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,048.22	130.63
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	306.19	24.20
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	348.16	24.20
22 42 13 16-0019		Waterfree Urinals *(22 42 13 16-0001)*		
22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	619.64	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-43.06*	
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,119.67	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-100.06*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	963.79	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-82.29*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	738.25	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-56.58*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	738.25	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-56.58*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	915.43	72.58
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-76.78*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,389.15	72.58
		For >1, Deduct	*-130.79*	
22 42 13 16-0027		Stainless Steel Urinals *(22 42 13 16)*		
22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	3,846.61	217.72
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,992.53	266.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0030		Urinal Carriers *(22 42 13 16)*		
22 42 13 16-0031		Floor Mounted, Urinal Carriers *(22 42 13 16-0030)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	537.08	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	586.45	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
22 42 13 16-0034		Wall Mounted, Urinal Carriers *(22 42 13 16-0030)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	229.17	36.77
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*27.28*	
22 42 13 16-0036		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	440.82	
22 42 16		**Commercial Lavatories and Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		Lavatories *(22 42 16 13)*		
		Note: Includes trap, drain and supply valves. Excludes faucets.		
22 42 16 13-0002		Wall Hung Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	560.88	64.83
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	587.68	64.83
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	737.82	64.83
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	512.00	64.83
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	437.11	64.83
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	560.44	64.83
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	665.73	64.83
22 42 16 13-0010	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	524.62	64.83
22 42 16 13-0011	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	459.18	64.83
22 42 16 13-0012		Countertop Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0013	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	508.48	78.38
22 42 16 13-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	519.10	78.38
22 42 16 13-0015	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	548.67	78.38
22 42 16 13-0016	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	580.19	78.38
22 42 16 13-0017	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	754.33	84.67
22 42 16 13-0018		Undercounter Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0019	EA	15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	506.51	78.38
22 42 16 13-0020	EA	17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	472.96	78.38
22 42 16 13-0021	EA	19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	472.96	78.38
22 42 16 13-0022	EA	21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	513.62	78.38
22 42 16 13-0023	EA	15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	488.01	78.38
22 42 16 13-0024	EA	17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	481.82	78.38
22 42 16 13-0025	EA	19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	488.12	78.38
22 42 16 13-0026	EA	18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	627.02	78.38
22 42 16 13-0027	EA	21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	627.02	78.38
22 42 16 13-0028		Pedestal Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0029	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	637.04	186.27
22 42 16 13-0030		Cultured Marble Vanity Tops *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0031	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	348.82	72.58
22 42 16 13-0032	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	391.19	77.41
22 42 16 13-0033	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	466.73	82.25
22 42 16 13-0034	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	630.53	87.09
22 42 16 13-0035	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	372.91	72.58
22 42 16 13-0036	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	397.97	77.41
22 42 16 13-0037	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	506.82	82.25
22 42 16 13-0038	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	550.25	84.67
22 42 16 13-0039	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	613.58	87.09
22 42 16 13-0040		Quartz Vanity Tops *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0041	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	694.29	72.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0042	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	723.72	77.41
22 42 16 13-0043	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	827.41	82.25
22 42 16 13-0044	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	833.60	84.67
22 42 16 13-0045	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	906.73	87.09
22 42 16 13-0046	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,202.25	91.92
22 42 16 13-0047	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,413.16	96.75
22 42 16 13-0048	EA	22" End Splash For Quartz Vanity Tops	38.13	
22 42 16 13-0049		**Solid Surface Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0050	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	587.88	72.58
22 42 16 13-0051	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	656.64	77.41
22 42 16 13-0052	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	734.60	82.25
22 42 16 13-0053	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	805.42	84.67
22 42 16 13-0054	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	870.22	87.09
22 42 16 13-0055	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	955.47	89.50
22 42 16 13-0056	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,059.97	91.92
22 42 16 13-0057	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,085.83	91.92
22 42 16 13-0058	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,169.83	96.75
22 42 16 13-0059	EA	22" End Splash For Solid Surface Vanity Tops	56.28	
22 42 16 13-0060		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0061	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	6,269.51	136.89
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0062	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	9,212.40	136.89
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0063	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	416.34	45.63
22 42 16 13-0064	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	519.12	45.63
22 42 16 13-0065	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,042.60	45.63
22 42 16 13-0066		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0067	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,919.10	169.34
22 42 16 13-0068		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0069		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0068)*		
22 42 16 13-0070		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0069)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	537.08	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For Valve Plate For Attaching To Upright, Add	*94.37*	
		For Corner Carrier, Add	*183.55*	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	586.45	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For Valve Plate For Attaching To Upright, Add	*94.37*	
22 42 16 13-0073	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	673.50	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*54.56*	
		For Valve Plate For Attaching To Upright, Add	*188.73*	
22 42 16 13-0074	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	773.53	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*54.56*	
		For Valve Plate For Attaching To Upright, Add	*188.73*	
22 42 16 13-0075		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0069)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0076	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	692.85	43.54
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*27.28*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*37.68*	
		For Valve Plate For Attaching To Upright, Add	*96.30*	
		For 2" Chrome Plated Escutcheons, Add	*92.24*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*167.59*	
22 42 16 13-0077	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	931.89	43.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*27.28*	
		For Vandal Proof Trim, Add	*74.06*	
		For Valve Plate For Attaching To Upright, Add	*96.30*	
		For Heavy Duty Carrier, Add	*94.84*	
22 42 16 13-0078	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	930.59	43.54
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*54.56*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*75.36*	
		For Valve Plate For Attaching To Upright, Add	*192.60*	
		For 2" Chrome Plated Escutcheons, Add	*184.48*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*335.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0079	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,387.91	43.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*54.56*	
		For Vandal Proof Trim, Add	*148.12*	
		For Valve Plate For Attaching To Upright, Add	*192.60*	
		For Heavy Duty Carrier, Add	*189.67*	
22 42 16 13-0080		Wall Mounted, Lavatory Carriers *(22 42 16 13-0068)*		
22 42 16 13-0081		Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0080)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 16 13-0082	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	229.17	36.77
		For Double Plate Carrier, Add	*71.40*	
22 42 16 13-0083		Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0080)*		
		Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0084	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	390.14	43.54
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For 2" Chrome Plated Escutcheons, Add	*92.24*	
22 42 16 13-0085	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	462.90	43.54
		For Movable Mounting Brackets, Deduct	*-70.16*	
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For 2" Chrome Plated Escutcheons, Add	*92.24*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*167.59*	
22 42 16 13-0086	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	687.65	43.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*27.28*	
		For Vandal Proof Trim, Add	*74.06*	
22 42 16 13-0087		Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 13-0088	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	284.60	
22 42 16 16		**Commercial Sinks** *(22 42 16)*		
22 42 16 16-0001		Sinks *(22 42 16 16)*		
		Note: Includes drain, trap and supply valves. Excludes faucets.		
22 42 16 16-0002		Kitchen Sinks *(22 42 16 16-0001)*		
22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	681.41	90.95
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	884.74	103.54
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	816.86	89.02
		For 18 Gauge, Add	*227.00*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	837.10	89.02
		For 18 Gauge, Add	*237.12*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	882.65	89.02
		For 18 Gauge, Add	*259.89*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	924.61	90.95
		For 18 Gauge, Add	*275.07*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,160.60	103.54
		For 18 Gauge, Add	*374.60*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,185.04	103.54
		For 18 Gauge, Add	*386.64*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,144.95	89.02
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,167.72	89.02
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,225.08	89.02
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,303.31	90.95
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,573.03	103.54
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,508.07	103.54
22 42 16 16-0017		Undermount Kitchen Sinks *(22 42 16 16-0001)*		
22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,023.43	89.02
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,020.97	89.02
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,031.87	89.02
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,089.22	89.02
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99)	1,052.95	89.02
		Note: Available in 4-1/2", 5, or 5-1/2" depths.		
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,199.95	89.02
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,419.72	89.02
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	840.67	89.02
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,087.44	89.02

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0027		**Multi-Station Wash Sink, Wall Mounted** *(22 42 16 16-0001)*		
		Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	1,865.73	157.24
		Note: Excludes faucets.		
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,485.08	169.34
		Note: Excludes faucets.		
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,853.51	181.43
		Note: Excludes faucets.		
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,092.74	120.96
		Note: Excludes faucets.		
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,321.63	133.05
		Note: Excludes faucets.		
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,546.00	145.15
		Note: Excludes faucets.		
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,824.02	163.29
		Note: Excludes faucets.		
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain	2,703.60	266.10
		Note: Includes sensor operated spray heads.		
22 42 16 16-0036		**Utility Or Laundry Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	619.43	103.54
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	717.10	103.54
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	617.55	103.54
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	962.76	103.54
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,377.86	116.12
22 42 16 16-0042		**Refinish Sink/Lavatory** *(22 42 16 16-0001)*		
22 42 16 16-0043	EA	Refinish Sink/Lavatory	225.58	
22 42 16 16-0044		**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	1,001.29	155.79
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	1,054.57	155.79
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,315.97	206.10
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	543.86	145.15
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	628.92	145.15
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	691.76	174.17
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	574.54	145.15
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	652.27	174.17
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	902.41	145.15
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,114.63	174.17
22 42 16 16-0055		**Soapstone Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0056	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	1,049.46	89.02
22 42 16 16-0057	SF	Soapstone Sink Backsplash	168.94	
22 42 16 16-0058	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,341.62	103.54
22 42 16 16-0059	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,575.98	103.54
22 42 16 16-0060		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0061	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	3,657.41	241.91
22 42 16 16-0062		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0063		**Floor Mounted, Sink Carriers** *(22 42 16 16-0062)*		
		Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0064	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	790.42	36.77
		For Vandal Proof Trim, Add	*74.06*	
		For Valve Plate For Attaching To Upright, Add	*94.37*	
22 42 16 16-0065	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,236.03	36.77
		For Vandal Proof Trim, Add	*74.06*	
		For Auxiliary Vent, Add	*217.81*	
22 42 16 16-0066	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,553.05	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*55.86*	
		For Vandal Proof Trim, Add	*74.06*	
22 42 16 16-0067		**Removal And Reinstallation Of Sink And Trim** *(22 42 16 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0068	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	390.18	

22 42 19 Commercial Bathtubs *(22 42)*

22 42 19 00-0001 Recessed Alcove Bathtubs *(22 42 19)*

22 42 19 00-0002 Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,457.17	269.00
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,247.37	269.00
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,462.44	269.00
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,884.39	269.00

22 42 19 00-0007 Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	641.27	269.00
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	656.29	269.00

22 42 19 00-0010 Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	952.06	269.00

22 42 19 00-0012 Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	980.47	269.00
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,162.11	269.00
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,185.57	269.00
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,171.15	269.00
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,223.02	269.00

22 42 19 00-0018 Bathtub Refinishing *(22 42 19 00-0001)*

22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	577.00	

22 42 19 00-0020 Tub And Shower Combinations *(22 42 19)*

22 42 19 00-0021 Acrylic Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	1,173.99	98.56
		For 2 Piece Enclosure, Deduct	*-254.57*	

22 42 19 00-0023 Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	808.80	98.56
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	643.94	65.70
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,283.16	148.76
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	3,166.64	289.41
		For 2 Piece Enclosure, Deduct	*-655.25*	

22 42 23 Commercial Showers *(22 42)*

22 42 23 00-0001 Shower Enclosures *(22 42 23)*

Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.

22 42 23 00-0002 Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*

22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,595.78	156.07
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,595.78	156.07
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,417.31	156.07
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	2,661.20	156.07

22 42 23 00-0007 Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*

22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,635.53	156.07
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,635.53	156.07
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	3,790.80	156.07
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,240.08	156.07

22 42 23 00-0012 Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down *(22 42 23 00-0001)*

22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	1,335.26	156.07
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,373.23	156.07
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,411.19	156.07
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,487.12	156.07
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,587.72	156.07

22 42 23 00-0018 1 Piece Shower Units *(22 42 23)*

22 42 23 00-0019	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	1,137.99	98.56
22 42 23 00-0020	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	1,277.22	98.56

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0021		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0022		Acrylic Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	433.59	39.40
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	458.80	39.40
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	509.14	39.40
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	619.33	47.28
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	434.78	39.40
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	467.93	39.40
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	529.61	39.40
22 42 23 00-0030	EA	60" x 32" Acrylic Shower Receptor	587.96	47.28
22 42 23 00-0031	EA	60" x 36" Acrylic Shower Receptor	592.23	47.28
22 42 23 00-0032	EA	60" x 42" Acrylic Shower Receptor	596.14	47.28
22 42 23 00-0033	EA	60" x 48" Acrylic Shower Receptor	657.42	47.28
22 42 23 00-0034	EA	36" x 36" Acrylic Corner Shower Receptor	635.65	39.40
22 42 23 00-0035	EA	42" x 42" Acrylic Corner Shower Receptor	730.79	39.40
22 42 23 00-0036		Molded Stone Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0037	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	287.01	39.40
22 42 23 00-0038	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	301.23	39.40
22 42 23 00-0039	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	302.82	39.40
22 42 23 00-0040	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	373.14	39.40
22 42 23 00-0041	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	330.47	39.40
22 42 23 00-0042	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	350.23	39.40
22 42 23 00-0043	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	352.60	39.40
22 42 23 00-0044	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	408.11	47.28
22 42 23 00-0045	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	423.12	47.28
22 42 23 00-0046	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	334.42	39.40
22 42 23 00-0047	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	343.12	39.40
22 42 23 00-0048		Precast Terrazzo Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0049	EA	30" x 30" Precast Terrazzo Shower Receptor	544.62	39.40
22 42 23 00-0050	EA	32" x 32" Precast Terrazzo Shower Receptor	565.96	39.40
22 42 23 00-0051	EA	34" x 34" Precast Terrazzo Shower Receptor	585.71	39.40
22 42 23 00-0052	EA	36" x 36" Precast Terrazzo Shower Receptor	588.08	39.40
22 42 23 00-0053	EA	40" x 40" Precast Terrazzo Shower Receptor	644.19	39.40
22 42 23 00-0054	EA	42" x 42" Precast Terrazzo Shower Receptor	672.63	39.40
22 42 23 00-0055	EA	48" x 48" Precast Terrazzo Shower Receptor	947.63	39.40
22 42 23 00-0056	EA	36" x 32" Precast Terrazzo Shower Receptor	580.97	39.40
22 42 23 00-0057	EA	42" x 32" Precast Terrazzo Shower Receptor	592.30	39.40
22 42 23 00-0058	EA	42" x 34" Precast Terrazzo Shower Receptor	612.58	39.40
22 42 23 00-0059	EA	42" x 36" Precast Terrazzo Shower Receptor	637.86	39.40
22 42 23 00-0060	EA	32" x 48" Precast Terrazzo Shower Receptor	640.23	39.40
22 42 23 00-0061	EA	48" x 34" Precast Terrazzo Shower Receptor	672.63	39.40
22 42 23 00-0062	EA	54" x 32" Precast Terrazzo Shower Receptor	705.03	39.40
22 42 23 00-0063	EA	60" x 30" Precast Terrazzo Shower Receptor	953.85	47.28
22 42 23 00-0064	EA	60" x 32" Precast Terrazzo Shower Receptor	1,043.51	47.28
22 42 23 00-0065	EA	60" x 34" Precast Terrazzo Shower Receptor	1,047.91	47.28
22 42 23 00-0066	EA	60" x 36" Precast Terrazzo Shower Receptor	1,052.28	47.28
22 42 23 00-0067	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	591.24	39.40
22 42 23 00-0068	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	592.30	39.40
22 42 23 00-0069	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	594.40	39.40
22 42 23 00-0070	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	713.72	39.40
22 42 23 00-0071	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,302.43	39.40
22 42 23 00-0072	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,449.60	47.28
22 42 23 00-0073	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,511.24	47.28
22 42 23 00-0074		Shower Receptors Accessories *(22 42 23 00-0021)*		
22 42 23 00-0075	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.57	
22 42 23 00-0076		Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0077	EA	Removal And Reinstallation Of Shower Head	47.28	
22 42 33		**Wash Fountains** *(22 42)*		
22 42 33 00-0001		Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	8,291.73	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,909.41	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,538.85	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	10,570.33	182.52
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,665.03	182.52
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,233.31	182.52
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	7,234.74	136.89
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,484.38	136.89
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,470.73	136.89
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	8,878.30	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,412.35	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,698.17	159.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	188.55	48.38
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	212.79	48.38
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	185.22	48.38
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	208.84	48.38
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	175.74	48.38
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	192.81	48.38
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	250.37	48.38
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	178.14	48.38
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	171.68	48.38
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	203.28	48.38
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	349.67	48.38
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	383.61	48.38
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	361.37	52.54
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	359.71	52.54
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	268.39	52.54
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	620.54	48.38
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	785.23	48.38
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	840.13	48.38
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	620.54	48.38
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	785.23	48.38
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	840.13	48.38

22 42 39 00-0023 Lavatory Faucets *(22 42 39)*

22 42 39 00-0024	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	229.11	34.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0025	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	159.00	34.83
22 42 39 00-0026	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	197.35	34.83
22 42 39 00-0027	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	216.48	34.83
22 42 39 00-0028	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	265.88	34.83
22 42 39 00-0029	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	309.76	34.83
22 42 39 00-0030	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	189.10	34.83
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	287.86	34.83
22 42 39 00-0032	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	207.45	34.83
22 42 39 00-0033	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	212.26	34.83
22 42 39 00-0034	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	256.32	34.83
22 42 39 00-0035	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	251.11	34.83
22 42 39 00-0036	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	205.15	34.83

22 42 39 00-0037 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0038 Bath And Shower Faucets With Valve Body *(22 42 39 00-0037)*

22 42 39 00-0039	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	212.25	42.00
22 42 39 00-0040	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	248.42	42.00
22 42 39 00-0041	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	271.61	42.00
22 42 39 00-0042	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	196.48	42.00
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0043	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	205.75	42.00
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0044	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	232.65	42.00
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0045	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	263.26	42.00
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0046 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

22 42 39 00-0047	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	344.56	65.32
22 42 39 00-0048	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	769.13	65.32
22 42 39 00-0049	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	535.24	65.32
22 42 39 00-0050	EA	Senior Institutional Shower Head (Symmons® 4-150)	206.45	42.00
22 42 39 00-0051	EA	Universal Institutional Shower Head (Symmons® 4-151)	344.57	42.00
22 42 39 00-0052	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	242.81	42.00
22 42 39 00-0053	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	183.26	42.00
22 42 39 00-0054	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	769.41	62.90
22 42 39 00-0055	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	631.90	72.58
22 42 39 00-0056	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	833.47	72.58
22 42 39 00-0057	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	1,172.78	77.41
22 42 39 00-0058	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,065.61	65.32
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0059	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,266.90	65.32
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0060	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	862.69	65.32
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0061	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,302.29	65.32
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0062	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,397.04	65.32
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0063	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	2,577.29	65.32
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0064	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,251.37	65.32
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0065	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,130.16	65.32
22 42 39 00-0066	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	1,734.79	65.32
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0067	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,128.64	65.32
22 42 39 00-0068	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,125.30	65.32
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0069	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	830.45	58.06
22 42 39 00-0070	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	641.78	42.00
22 42 39 00-0071		**Service Sink Faucets** *(22 42 39)*		
22 42 39 00-0072	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	457.13	80.56
22 42 39 00-0073	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	327.82	80.56
22 42 39 00-0074	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	352.86	80.56
22 42 39 00-0075	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	365.85	80.56
22 42 39 00-0076	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	478.23	112.92
22 42 39 00-0077	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	535.82	128.70
22 42 39 00-0078	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	617.45	128.70
22 42 39 00-0079	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	363.11	80.56
22 42 39 00-0080	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	740.64	128.70
22 42 39 00-0081		**Laboratory Faucets And Fittings** *(22 42 39)*		
22 42 39 00-0082	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	185.60	34.26
22 42 39 00-0083	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	303.48	48.38
22 42 39 00-0084	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	392.74	48.38
22 42 39 00-0085	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	242.15	45.18
22 42 39 00-0086	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	329.17	64.44
22 42 39 00-0087	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	445.56	64.44
22 42 39 00-0088	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	356.31	48.38
22 42 39 00-0089	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	350.32	64.44
22 42 39 00-0090	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	229.25	37.19
22 42 39 00-0091	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	322.98	52.54
22 42 39 00-0092	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	249.22	52.54
22 42 39 00-0093	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317CP)	303.96	52.54
22 42 39 00-0094	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	79.92	32.32
22 42 39 00-0095	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	493.07	58.06
22 42 39 00-0096	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	633.69	58.06
22 42 39 00-0097	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	761.79	58.06
22 42 39 00-0098	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	673.82	58.06
22 42 39 00-0099	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	802.09	58.06
22 42 39 00-0100	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	145.71	31.93
22 42 39 00-0101	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	205.03	38.32
22 42 39 00-0102	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	205.03	38.32
22 42 39 00-0103	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	264.35	44.70
22 42 39 00-0104	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	323.66	51.09
22 42 39 00-0105		**Gooseneck Faucets With Independent Eyewash** *(22 42 39)*		
22 42 39 00-0106	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	809.59	36.28
22 42 39 00-0107	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	878.27	33.86
22 42 39 00-0108	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,134.60	36.28
22 42 39 00-0109	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,198.57	36.28
22 42 39 00-0110	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,458.20	24.20
22 42 39 00-0111	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	1,754.12	60.48
22 42 39 00-0112	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,452.05	60.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0113	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,533.47	60.48
22 42 39 00-0114	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	281.52	36.78
22 42 39 00-0115	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	310.19	36.78
22 42 39 00-0116	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	335.22	36.78
22 42 39 00-0117	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	1,491.41	24.20
22 42 39 00-0118		**Bubblers And Glass Fillers** *(22 42 39)*		
22 42 39 00-0119	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	326.60	34.26
22 42 39 00-0120	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	291.53	45.18
22 42 39 00-0121	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	322.16	34.26
22 42 39 00-0122	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	199.90	49.07
22 42 39 00-0123	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	382.21	37.19
22 42 39 00-0124	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	387.31	37.19
22 42 39 00-0125	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	322.84	37.19
22 42 39 00-0126		**Automatic Electronic Sensor Faucets** *(22 42 39)*		
22 42 39 00-0127	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	597.75	80.70
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0128	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	603.32	80.70
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0129	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	808.14	87.63
22 42 39 00-0130	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	841.93	80.70
22 42 39 00-0131	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,248.88	87.63
22 42 39 00-0132	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,562.51	87.63
22 42 39 00-0133	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,459.66	87.63
22 42 39 00-0134	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	1,019.71	80.70
22 42 39 00-0135	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	959.62	80.70
22 42 39 00-0136	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,014.31	80.70
22 42 39 00-0137	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	877.57	80.70
22 42 39 00-0138	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,014.31	80.70
22 42 39 00-0139	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	885.19	80.70
22 42 39 00-0140	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	885.19	80.70
22 42 39 00-0141	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	997.64	80.70
22 42 39 00-0142	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	844.91	80.70
22 42 39 00-0143	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	810.40	80.70
22 42 39 00-0144	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,220.18	80.70
22 42 39 00-0145		**Singles** *(22 42 39)*		
22 42 39 00-0146	EA	Stainless Steel Single Deck Faucet With 6" Swivel/Rigid Gooseneck Spout And Lever Handles (Fisher 58130)	230.79	35.52
22 42 39 00-0147		**Other Trim** *(22 42 39)*		
22 42 39 00-0148	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	17.41	5.25
22 42 39 00-0149	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	125.60	15.76
22 42 39 00-0150	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	46.91	13.13
22 42 39 00-0151	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	104.28	13.13
22 42 39 00-0152	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	61.15	14.52
22 42 39 00-0153	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	64.02	14.52
22 42 39 00-0154	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	161.61	14.52
22 42 39 00-0155	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	198.53	14.52
22 42 39 00-0156	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	225.35	14.52
22 42 39 00-0157	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036)	34.63	10.16
22 42 39 00-0158	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037)	34.63	10.16
22 42 39 00-0159	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558)	47.68	10.16
22 42 39 00-0160	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	32.92	11.16
22 42 39 00-0161	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	20.46	6.57
22 42 39 00-0162	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	21.05	6.57
22 42 39 00-0163		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0164	EA	Removal And Reinstallation Of Faucet	84.05	
22 42 43		**Flushometers** *(22 42)*		
22 42 43 00-0001		**Water Closet Flush Valves** *(22 42 43)*		
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	297.30	33.00
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	287.82	33.00
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	336.03	33.00
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	464.22	33.00
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	518.59	33.00
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	964.91	33.00
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	961.38	33.00
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	1,016.22	33.00
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	942.60	33.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	408.76	33.00
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	689.04	33.00
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	408.59	33.00
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	404.83	33.00
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	413.34	29.03
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	450.28	29.03
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	979.08	33.00
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	1,074.64	33.00
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,367.55	33.00
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,367.55	33.00
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	884.33	33.00
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	876.22	33.00
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	434.18	29.03
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	135.58	5.77
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	542.35	33.00
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	320.99	33.00
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	896.35	33.00
22 42 43 00-0028		**Urinal Flush Valves** *(22 42 43)*		
22 42 43 00-0029	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	234.36	33.00
22 42 43 00-0030	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	252.74	33.00
22 42 43 00-0031	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	340.57	33.00
22 42 43 00-0032	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	412.92	33.00
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	651.43	33.00
22 42 43 00-0034	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	876.57	33.00
22 42 43 00-0035	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	983.80	33.00
22 42 43 00-0036	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	640.66	33.00
22 42 43 00-0037	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	1,068.48	33.00
22 42 43 00-0038	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	493.97	33.00
22 42 43 00-0039	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF) Note: 0.125 GPF.	268.86	33.00
22 42 43 00-0040	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	691.20	33.00
22 42 43 00-0041	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	695.86	33.00
22 42 43 00-0042		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0043	EA	Removal And Reinstallation Of Flush Valve	131.34	
22 42 43 00-0044		**Plumbing Control Transformers** *(22 42 43)*		
22 42 43 00-0045	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	61.08	

22 42 46 Chemical Toilets *(22 42)*

Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.

22 42 46 00-0001 Standard Chemical Toilets *(22 42 46)*

22 42 46 00-0002 Small Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,031.86	967.63
		For Extra Urinal, Add	*132.25*	

22 42 46 00-0004 Medium Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	4,790.61	1,152.46
		For Extra Urinal, Add	*156.51*	

22 42 46 00-0006 Large Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	5,805.50	1,307.28
		For Extra Urinal, Add	*214.81*	

22 43 Healthcare Plumbing Fixtures *(22 40)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 13		**Healthcare Water Closets** *(22 43)*		
22 43 13 00-0001		Healthcare Water Closets *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	829.43	100.63
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	650.43	100.63
22 43 16		**Healthcare Sinks** *(22 43)*		
22 43 16 00-0001		Healthcare Sinks *(22 43 16)* Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,196.07	64.83
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,280.48	186.27
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
		For Pedestal Base, Add	*497.95*	
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,148.25	64.83
		For Painted Bracket Supports, Add	*173.34*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	1,004.81	64.83
22 43 39		**Healthcare Faucets** *(22 43)*		
22 43 39 00-0001		Medical Faucet Spouts *(22 43 39)*		
22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	98.28	14.52
22 43 39 00-0003		Electronic Proximity Medical Faucets *(22 43 39)*		
22 43 39 00-0004	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	565.74	71.02
		For Hard Wired AC Powered, Add	*24.73*	
22 43 39 00-0005		Foot And Knee Faucet Controls *(22 43 39)*		
22 43 39 00-0006	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	375.93	129.08
22 43 39 00-0007	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	439.93	129.08
22 43 39 00-0008	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	933.29	129.08
22 43 39 00-0009	EA	Double Knee Actuated Metering Mixing Valve (American Standard 7676)	652.12	129.08
22 43 39 00-0010		Centerset Medical Faucets *(22 43 39)*		
22 43 39 00-0011	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	509.38	71.02
22 43 39 00-0012	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	515.18	71.02
22 43 39 00-0013	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	514.59	71.02
22 43 39 00-0014	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	459.52	71.02
22 43 39 00-0015	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	439.81	71.02
22 43 39 00-0016		Bedpan Washers *(22 43 39)*		
22 43 39 00-0017	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	1,208.99	129.08
22 43 39 00-0018	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,148.29	129.08
22 43 39 00-0019	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	1,130.31	129.08
22 43 39 00-0020	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,112.82	129.08
22 43 43		**Healthcare Plumbing Fixture Flushometers** *(22 43)*		
22 43 43 00-0001		Healthcare Plumbing Fixture Flushometers *(22 43 43)*		
22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	223.52	33.00
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	502.54	33.00
22 43 46		**Healthcare Patient Care Units** *(22 43)*		
22 43 46 00-0001		Patient Care Units *(22 43 46)*		
22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	18,299.78	193.53
		For SDB Single Temperature Dialysis Box, Add	*1,342.68*	
		For DDB Dual Temperature Dialysis Box, Add	*1,426.07*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,029.15*	
		For LOCK Flush Valve Lockout Device, Add	*756.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	14,412.66	169.34
		For SDB Single Temperature Dialysis Box, Add	*1,342.68*	
		For DDB Dual Temperature Dialysis Box, Add	*1,426.07*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,029.15*	
		For LOCK Flush Valve Lockout Device, Add	*756.82*	

22 43 46 00-0004 Patient Care Plumbing Accessories *(22 43 46)*

22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,746.35	26.27
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	1,924.40	26.27

22 45 Emergency Plumbing Fixtures *(22 40)*

22 45 13 Emergency Showers *(22 45)*

22 45 13 00-0001 Emergency Drench Showers *(22 45 13)*

22 45 13 00-0002 Emergency Drench Showers (Haws) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	650.63	169.34
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	747.45	169.34
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	801.23	169.34
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	962.59	169.34
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,296.07	169.34
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,021.73	193.53
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,118.53	217.72
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,016.33	217.72
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,037.85	217.72
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,441.24	217.72

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	562.94	169.34
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	579.69	169.34
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	909.10	193.53

22 45 13 00-0017 Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0018	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	756.65	169.34
22 45 13 00-0019	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	774.93	169.34
22 45 13 00-0020	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	1,670.07	169.34
22 45 13 00-0021	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	1,203.98	217.72
22 45 13 00-0022	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	1,617.55	217.72

22 45 16 Eyewash Equipment *(22 45)*

22 45 16 00-0001 Emergency Eyewash Equipment *(22 45 16)*

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*

22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	289.37	4.84
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,355.18	217.72

22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*

22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	755.40	48.38
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	755.40	48.38
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	769.25	48.38
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	769.25	48.38
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	1,023.50	48.38
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	1,166.73	48.38
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	1,166.73	48.38
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	2,165.71	48.38
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	2,165.71	48.38
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	2,266.49	48.38
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	2,266.49	48.38
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	2,796.85	48.38
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	2,796.85	48.38
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	1,383.73	169.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	1,364.18	169.34
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	978.88	169.34
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	1,385.21	169.34
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	833.81	169.34

22 45 23 Personal Eyewash Equipment *(22 45)*

22 45 23 00-0001 Portable Eyewash Equipment *(22 45 23)*

22 45 23 00-0002 Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*

22 45 23 00-0003	EA	Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H)	1,717.50	14.52

22 45 26 Eye/Face Wash Equipment *(22 45)*

22 45 26 00-0001 Emergency Eye/Face Wash Equipment *(22 45 26)*

22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*

22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	709.85	120.96
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	709.80	169.34
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	693.66	169.34
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) Note: Excludes p-trap and tailpiece.	757.13	169.34
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) Note: Excludes p-trap and tailpiece.	763.58	169.34
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) Note: Excludes p-trap and tailpiece.	839.96	169.34
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,145.46	169.34
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,167.40	169.34
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	871.13	193.53
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	994.83	193.53
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,242.68	193.53
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	596.97	48.38
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	575.46	48.38
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	602.35	48.38
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	758.33	48.38
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,839.23	241.91
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,231.92	193.53
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,291.04	241.91
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,694.48	193.53

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	632.73	169.34
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	775.10	193.53

22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) *(22 45 26 00-0001)*

22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	1,233.87	169.34
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	1,640.20	169.34
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	1,588.54	169.34
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,465.28	169.34
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	795.72	48.38
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	795.72	48.38
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	771.68	48.38
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	771.68	48.38
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	1,184.80	48.38
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	1,184.80	48.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0036		Emergency Eye/Face Wash Equipment (Guardian) *(22 45 26 00-0001)* Note: Includes one pull rod.		
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	5,146.77	169.34
22 45 29		**Hand-Held Emergency Drench Hoses** *(22 45)*		
22 45 29 00-0001		Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*		
22 45 29 00-0002		Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*		
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	637.31	60.48
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	734.12	60.48
22 45 29 00-0005		Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*		
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	605.55	60.48
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	557.29	60.48
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	841.22	60.48
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	787.52	60.48
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	806.75	60.48
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	1,059.94	60.48
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	1,228.34	60.48
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	1,171.24	60.48
22 45 33		**Combination Emergency Fixture Units** *(22 45)*		
22 45 33 00-0001		Emergency Shower With Eye/Face Wash *(22 45 33)*		
22 45 33 00-0002		Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*		
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	3,775.46	314.49
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	2,549.13	314.49
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	1,769.23	314.49
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	2,828.82	314.49
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,070.43	314.49
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	1,946.72	314.49
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,661.66	314.49
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	2,732.00	314.49
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	2,995.56	314.49
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,054.72	314.49
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,415.09	314.49
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	3,624.85	314.49
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	3,565.69	314.49
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	5,340.64	314.49
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	5,631.08	314.49
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	11,924.07	314.49
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,661.66	314.49
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	1,882.18	314.49
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,486.95	314.49

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0023		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*			
22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)		5,557.44	262.67
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)		5,679.90	262.67
22 45 33 00-0026	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)		2,228.71	262.67
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)		2,038.19	262.67
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)		2,635.05	262.67
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*			
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*			
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*			
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)		674.96	60.48
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)		992.30	60.48
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)		1,460.24	60.48
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)		1,723.79	60.48
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)		2,444.53	60.48
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)		2,578.99	60.48
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)		4,337.80	60.48
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)		5,214.52	60.48
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)		755.64	60.48
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*			
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*			
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*			
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)		173.17	19.36
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)		243.09	19.36
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)		253.84	19.36
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)		283.45	7.26
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)		289.37	4.84
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)		315.18	9.68
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)		548.55	72.58
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)		574.91	34.66
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)		854.60	34.66
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)		992.30	72.58
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)		1,903.43	34.66
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)		2,113.59	115.54
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)		2,156.62	115.54
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)		3,996.11	115.54
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)		7,599.79	115.54
22 45 39 00-0018		Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*			
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.		993.84	72.58
22 45 39 00-0020		Emergency Plumbing Fixture Accessories (WaterSaver) *(22 45 39 00-0001)*			
22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)		160.46	15.76
22 46		Security Plumbing Fixtures *(22 40)*			
22 46 13		**Security Water Closets and Urinals** *(22 46)*			
22 46 13 13		**Security Water Closets** *(22 46 13)*			
22 46 13 13-0001		Security Water Closets *(22 46 13 13)*			
22 46 13 13-0002	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675)		3,218.32	241.91
		For Angled Toilet, Add		*24.19*	
		For Offset Toilet, Add		*297.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 13 13-0003	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684)	3,922.69	241.91
		For Angled Toilet, Add	*24.19*	
		For Offset Toilet, Add	*368.08*	
22 46 13 13-0004	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695)	3,984.40	241.91
		For Angled Toilet, Add	*24.19*	
		For Offset Toilet, Add	*374.25*	
22 46 13 13-0005	EA	Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840)	349.89	48.38

22 46 13 16 Security Urinals *(22 46 13)*

22 46 13 16-0001 Security Urinals *(22 46 13 16)*

22 46 13 16-0002	EA	Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700)	3,846.64	217.72
22 46 13 16-0003	EA	Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720)	6,562.23	309.36

22 46 13 19 Security Combination Toilet and Lavatory *(22 46 13)*

22 46 13 19-0001 Security Combination Toilet - Lavatory *(22 46 13 19)*

22 46 13 19-0002	EA	15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415)	5,915.72	299.97
		For Angled Toilet, Add	*30.00*	
		For Offset Toilet, Add	*561.58*	
		For 15" Mirror/Shelf Module, Add	*849.97*	
		For AC Duplex Outlet Option, Add	*89.99*	
		For Intercom Option, Add	*134.99*	
		For 15" Wide Light/Ventilation Module, Add	*814.98*	
22 46 13 19-0003	EA	18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418)	6,091.57	314.49
		For Angled Toilet, Add	*31.45*	
		For Offset Toilet, Add	*577.71*	
		For 18" Mirror/Shelf Module, Add	*889.48*	
		For AC Duplex Outlet Option, Add	*92.90*	
		For Intercom Option, Add	*137.90*	
		For 18" Wide Light/Ventilation Module, Add	*838.69*	
22 46 13 19-0004	EA	20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420)	6,222.76	328.99
		For Angled Toilet, Add	*32.90*	
		For Offset Toilet, Add	*589.38*	
		For 20" Mirror/Shelf Module, Add	*939.00*	
		For AC Duplex Outlet Option, Add	*95.80*	
		For Intercom Option, Add	*140.80*	
		For 20" Wide Light/Ventilation Module, Add	*872.40*	
22 46 13 19-0005	EA	26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426)	6,664.61	343.51
		For Angled Toilet, Add	*34.35*	
		For Offset Toilet, Add	*632.11*	
		For 26" Mirror/Shelf Module, Add	*978.51*	
		For AC Duplex Outlet Option, Add	*98.70*	
		For Intercom Option, Add	*143.70*	
		For 26" Wide Light/Ventilation Module, Add	*901.11*	
22 46 13 19-0006	EA	28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428)	10,858.17	358.03
		For Angled Toilet, Add	*35.80*	
		For Offset Toilet, Add	*1,050.01*	
		For 28" Mirror/Shelf Module, Add	*1,013.03*	
		For AC Duplex Outlet Option, Add	*101.61*	
		For Intercom Option, Add	*146.61*	
		For 28" Wide Light/Ventilation Module, Add	*929.82*	

22 46 16 Security Lavatories and Sinks *(22 46)*

22 46 16 13 Security Lavatories *(22 46 16)*

22 46 16 13-0001 Security Lavatories *(22 46 16 13)*

22 46 16 13-0002	EA	20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650)	2,322.55	169.34
		For Shelf, Add	*85.80*	
22 46 16 13-0003	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655)	2,363.40	169.34
		For Shelf, Add	*85.80*	
22 46 16 13-0004	EA	13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660)	2,708.43	169.34
		For Shelf, Add	*85.80*	
22 46 16 13-0005	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656)	2,363.40	169.34
		For Shelf, Add	*85.80*	

22 46 16 16 Security Sinks *(22 46 16)*

22 46 16 16-0001 Security Sinks *(22 46 16 16)*

22 46 16 16-0002	EA	22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642)	5,060.10	257.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 16 16-0003		Security Mop Sink *(22 46 16 16)*		
22 46 16 16-0004	EA	24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630)	3,789.26	145.15
22 46 19		**Security Showers** *(22 46)*		
22 46 19 00-0001		Security Showers *(22 46 19)*		
22 46 19 00-0002	EA	30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD)	13,369.61	387.05
22 46 19 00-0003	EA	32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD)	13,863.31	387.05
22 46 19 00-0004	EA	36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD)	14,371.41	387.05
22 46 19 00-0005	EA	36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA)	18,349.80	387.05
22 46 19 00-0006	EA	Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741)	797.99	129.18
22 46 19 00-0007	EA	Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743)	596.26	67.74
22 46 43		**Security Plumbing Fixture Flushometers** *(22 46)*		
22 46 43 00-0001	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM) Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM).	708.94	33.00
22 46 43 00-0002	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM) Note: Solenoid operated with module plug 24V (ESM).	708.11	33.00
22 46 43 00-0003	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM) Note: Solenoid operated with module plug 24V (ESM).	684.01	33.00
22 46 56		**Security Drinking Fountains** *(22 46)*		
22 46 56 00-0001		Security Drinking Fountain *(22 46 56)* Note: Includes air control valve, bubbler with mouthguard and mounting bracket.		
22 46 56 00-0002	EA	Wall Mounted Security Drinking Fountain, Stainless Steel (Acorn 1670-1-BP-3-FA)	2,623.86	193.53
22 46 56 00-0003	EA	Wall Mounted Security ADA Drinking Fountain, Stainless Steel (Acorn 1672-1-ADA-BP-3-FA)	2,643.56	193.53
22 47		Drinking Fountains and Water Coolers *(22 40)*		
22 47 13		**Drinking Fountains** *(22 47)*		
22 47 13 00-0001		Indoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0002		Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,620.11	157.24
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,352.81	169.34
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	2,129.41	157.24
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,536.23	169.34
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,091.58	157.24
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,303.17	169.34
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,232.48	157.24
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,493.62	169.34
22 47 13 00-0011		Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,124.60	169.34
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,714.78	169.34
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	2,173.92	217.72
22 47 13 00-0015	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,143.39	217.72
22 47 13 00-0016	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	2,702.39	217.72
22 47 13 00-0017	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,459.36	217.72
22 47 13 00-0018	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	2,773.62	169.34
22 47 13 00-0019	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,679.12	169.34
22 47 13 00-0020	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	2,563.62	169.34
22 47 13 00-0021	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	2,458.62	169.34
22 47 13 00-0022	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,238.12	169.34
22 47 13 00-0023	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,143.62	169.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,038.62	169.34
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,038.62	169.34
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	1,944.12	169.34
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	1,944.12	169.34
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	1,902.12	169.34
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	1,902.12	169.34
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	1,807.62	169.34
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,755.12	169.34
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,681.62	169.34
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,650.12	169.34
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,545.12	169.34
22 47 13 00-0035	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,755.12	169.34
22 47 13 00-0036	EA	Vinyl Clad Cabinet, Non Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,545.12	169.34
22 47 13 00-0037	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,637.67	169.34
22 47 13 00-0038	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,639.62	169.34
22 47 13 00-0039	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,353.86	120.96
22 47 13 00-0040	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,017.86	120.96
22 47 13 00-0041		Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0042	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,505.41	181.43
22 47 13 00-0043	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	3,205.96	181.43
22 47 13 00-0044		Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0045	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,610.15	193.53
22 47 13 00-0046	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,914.79	193.53
22 47 13 00-0047		Countertop Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0048	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	673.19	120.96
22 47 13 00-0049	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	648.63	120.96
22 47 13 00-0050	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	783.22	120.96
22 47 13 00-0051		Bowl And Bracket Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	571.02	120.96
22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	685.11	120.96
22 47 13 00-0054		Multi-Station Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	3,027.77	193.53
22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	3,801.87	193.53
22 47 13 00-0057	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	2,889.14	193.53
22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	2,440.29	193.53
22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	3,067.06	193.53
22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,681.31	246.87
22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,000.79	193.53
22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	4,911.89	193.53
22 47 13 00-0063		Outdoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0064		Face Mounted Outdoor Drinking Fountains *(22 47 13 00-0063)*		
22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,408.60	193.53
22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,542.00	193.53
22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,484.07	193.53

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	2,166.86	193.53

22 47 13 00-0069 Free Standing Outdoor Drinking Fountains *(22 47 13 00-0063)*

22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,653.44	181.43
22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,717.99	181.43
22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,649.90	181.43
22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,649.99	181.43
22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	3,934.39	193.53
22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	4,005.48	193.53
22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,502.00	181.43
22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,576.21	181.43
22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,640.76	181.43
22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	4,282.80	193.53
22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	6,001.18	193.53

22 47 16 Pressure Water Coolers *(22 47)*

22 47 16 00-0001 Indoor Water Coolers *(22 47 16)*

22 47 16 00-0002 Face Mounted Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	3,041.85	193.53
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	3,246.33	193.53

22 47 16 00-0005 Wall Mounted Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,457.75	193.53
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,510.40	193.53
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,675.40	193.53
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,738.58	193.53
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,292.75	193.53
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,494.61	193.53
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,179.54	193.53
22 47 16 00-0013	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,765.20	193.53
22 47 16 00-0014	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,974.24	290.29

22 47 16 00-0015 Simulated Recessed Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,734.92	193.53

22 47 16 00-0017 Fully Recessed Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,355.24	217.72
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	4,093.89	217.72
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	4,788.46	217.72

22 47 16 00-0021 Free Standing Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,403.22	169.34
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,505.90	169.34
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,706.88	169.34
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,897.32	169.34

22 47 16 00-0026 Bottled Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	489.56	96.76
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	583.87	96.76

22 47 16 00-0029 Multi-Station Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,365.27	290.29
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	5,135.43	290.29
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	2,138.35	290.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0033		Outdoor Water Coolers *(22 47 16)*		
22 47 16 00-0034		Wall Mounted Outdoor Water Coolers *(22 47 16 00-0033)*		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,504.31	120.96
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,579.89	120.96
22 47 16 00-0037		Free Standing Outdoor Water Coolers *(22 47 16 00-0033)*		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,480.55	181.43
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,972.01	181.43
22 47 16 00-0040		Removal And Reinstallation Of Fixtures And Trim *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	470.73	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	105.07	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		Bottle Filler *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	3,599.00	193.53
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	4,532.61	193.53
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	5,816.84	217.72
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	6,284.38	217.72
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	6,751.91	217.72
		For Stainless Steel Carrier, Add	*205.00*	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		Remote Chillers *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	866.07	65.32
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,314.13	72.58
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,131.21	84.67
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,454.67	96.76
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,278.11	145.15
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,469.91	157.24
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		Water Cooler Carriers *(22 47 26)*		
22 47 26 00-0002		Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	537.08	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For Bi-Level Carrier, Add	*303.92*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	586.45	36.77
		For Up To 4" Extension Sleeves And Hardware, Add	*27.28*	
		For Bi-Level Carrier, Add	*303.92*	

22 50 Pool and Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13		**Swimming Pool Piping** *(22 51)*		
22 51 13 00-0001		Swimming Pool Gutters *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	388.01	21.78
22 51 13 00-0003		Pool Drains *(22 51 13)*		
22 51 13 00-0004		Cast Iron Pool Drain With Bottom Outlet *(22 51 13 00-0003)* Note: Large square top and 24" loose set round super-flo grate.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	2,802.24	60.96
		For Polished Bronze Top, Add	*769.60*	
		For Chromium Plated Top, Add	*805.00*	
		For Galvanized Top, Add	*276.40*	
		For Vandal Proof Construction, Add	*57.20*	

22 51 13 00-0006 Cast Iron Pool Drain With Waterproof Flange *(22 51 13 00-0003)*

Note: Bottom outlet 14" square top and loose set square flange.

22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	773.46	60.96
		For Clamp Device, Add	*13.80*	
		For Galvanized Top, Add	*38.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Chromium Plated Top, Add	*146.90*	
		For Hinge Grate, Add	*28.60*	
		For Supplementary Strainer, Add	*7.00*	
		For Threaded Outlet, Add	*9.50*	
		For Vandal Proof Construction, Add	*17.10*	
		For Ground Screw, Add	*18.30*	

22 51 13 00-0008 Pool Supply Fittings *(22 51 13)*

22 51 13 00-0009 Cast Iron Pool Supply Fittings *(22 51 13 00-0008)*

Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.

22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Pipe	1,006.11	108.86
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Pipe	1,006.11	108.86
		For Chromium Plated Head, Add	*11.50*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	

22 51 16 Swimming Pool Pumps *(22 51)*

22 51 16 00-0001 Variable Speed Pool Pumps *(22 51 16)*

22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,669.39	411.25
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	2,931.48	411.25
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,283.27	411.25

22 51 16 00-0005 Electric Powered Portable Vacuum Cleaner Pump *(22 51 16)*

Note: Includes 75' of 3 wire electric safety cord.

22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	350.01	48.38
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	622.85	48.38

22 51 16 00-0008 Gasoline Driven Portable Vacuum Cleaner Pump *(22 51 16)*

22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,436.71	48.38

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001 Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	37,267.40	693.46
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	40,585.56	832.15
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	44,508.59	901.50
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	54,703.75	970.84
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	56,735.87	1,040.19
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	86,065.19	1,248.23
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	110,342.30	1,317.57
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	114,782.27	1,421.60

22 51 19 00-0010 Non Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0502)	19,965.23	901.50
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0652)	21,276.18	970.84
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0752)	23,182.25	1,040.19
22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0992)	30,659.42	1,248.23
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1262)	35,552.79	1,317.57
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1442)	37,950.90	1,421.60
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1802)	37,586.45	1,490.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN2072)	48,794.95	1,525.61
22 51 19 00-0019		**Swimming Pool Heaters** *(22 51 19)* Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0020		**Electric Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,238.08	193.53
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,740.28	208.04
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,261.56	241.91
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,555.25	290.29
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	6,074.74	406.41
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	6,914.27	580.58
22 51 19 00-0027		**Gas Fired Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	5,338.53	927.67
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	6,063.67	1,060.19
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	6,851.82	1,192.71
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	7,882.10	1,457.77
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	8,117.39	1,538.64
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	9,557.22	1,898.52
22 51 19 00-0034	EA	500 MBH Output Gas Fired Pool Heater	15,044.91	2,190.60
22 51 19 00-0035	EA	600 MBH Output Gas Fired Pool Heater	17,447.32	2,409.66
22 51 19 00-0036	EA	750 MBH Output Gas Fired Pool Heater	19,675.93	2,628.72
22 51 19 00-0037	EA	1,000 MBH Output Gas Fired Pool Heater	25,231.94	3,103.35
22 51 19 00-0038		**Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	18,920.95	757.87
22 51 19 00-0040	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	21,252.69	757.87
22 51 19 00-0041	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	25,646.90	975.52
22 51 19 00-0042	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	33,833.20	1,574.40
22 51 19 00-0043		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0044	EA	35,000 Gallon Filter System, Diatomite	13,690.49	2,763.73
22 51 19 00-0045	EA	45,000 Gallon Filter System, Diatomite	16,315.34	3,316.48
22 51 19 00-0046		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System	1,927.74	328.35
22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System	2,839.93	437.82
22 51 19 00-0049		**Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	247.74	96.76
22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	462.75	145.15
22 51 19 00-0052		**Horizontal High Rate Sand Filters** *(22 51 19)* Note: Includes sand, filter system equipment and attached accessory gauges.		
22 51 19 00-0053	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 1 tank, 4" pipe size, Miami Tanks model # HH3614-A.	37,715.73	2,079.69
22 51 19 00-0054	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 1 tank, 4" pipe size, Miami tanks model # HH3614-M.	22,987.29	2,079.69
22 51 19 00-0055	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-A.	52,145.22	4,159.38
22 51 19 00-0056	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-M.	41,223.71	4,159.38
22 51 19 00-0057	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-A.	53,607.92	4,159.38
22 51 19 00-0058	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-M.	42,904.84	4,159.38
22 51 19 00-0059	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-A.	73,236.67	6,239.07
22 51 19 00-0060	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-M.	56,990.92	6,239.07
22 51 19 00-0061	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-A.	75,342.96	6,239.07
22 51 19 00-0062	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-M.	63,084.12	6,239.07
22 51 19 00-0063	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-A.	94,526.91	8,318.75
22 51 19 00-0064	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-M.	80,761.91	8,318.75
22 51 19 00-0065	EA	675 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-A.	114,924.72	10,398.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0066	EA	675 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-M.	97,196.77	10,398.45
22 51 19 00-0067	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-A.	118,158.27	10,398.45
22 51 19 00-0068	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-M.	100,731.77	10,398.45
22 51 19 00-0069	EA	810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-A.	136,457.84	12,478.14
22 51 19 00-0070	EA	810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-M.	116,736.71	12,478.14
22 51 19 00-0071	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-A.	139,281.83	12,478.14
22 51 19 00-0072	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-M.	119,036.13	12,478.14
22 51 19 00-0073	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-A.	143,061.45	12,478.14
22 51 19 00-0074	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-M.	114,170.15	12,478.14
22 51 19 00-0075	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-A.	160,831.76	14,557.82
22 51 19 00-0076	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-M.	141,109.23	14,557.82
22 51 19 00-0077	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-A.	165,585.12	14,557.82
22 51 19 00-0078	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-M.	145,329.62	14,557.82
22 51 19 00-0079	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-A.	184,260.06	16,637.52
22 51 19 00-0080	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-M.	164,222.99	16,637.52
22 51 19 00-0081		Swimming Pool Chlorinators *(22 51 19)*		
22 51 19 00-0082	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,073.71	138.38
22 51 19 00-0083		Ultra-Violet Pool Treatment Lights *(22 51 19)*		
22 51 19 00-0084		Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta ELP Amalgam Series		
22 51 19 00-0085	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	14,524.02	301.69
22 51 19 00-0086	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	15,358.65	301.69
22 51 19 00-0087	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,074.05	301.69
22 51 19 00-0088	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,580.98	319.52
22 51 19 00-0089	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,935.51	319.52
22 51 19 00-0090	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	20,154.73	319.52
22 51 19 00-0091	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	23,758.83	573.74
22 51 19 00-0092	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	35,277.70	573.74
22 51 19 00-0093	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	38,738.31	573.74
22 51 19 00-0094	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	41,529.74	688.30
22 51 19 00-0095	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	44,612.28	688.30
22 51 19 00-0096	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	46,764.27	688.30
22 51 19 00-0097	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	49,090.72	688.30
22 51 19 00-0098	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	52,721.96	782.37
22 51 19 00-0099	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	56,793.27	782.37
22 51 19 00-0100	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	60,864.56	782.37
22 51 19 00-0101	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	65,808.28	782.37
22 51 19 00-0102		HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta EL Series		
22 51 19 00-0103	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	7,210.26	301.69
22 51 19 00-0104	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,024.49	301.69
22 51 19 00-0105	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,865.63	319.52
22 51 19 00-0106		In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta EM Series		
22 51 19 00-0107	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	28,148.34	301.69
22 51 19 00-0108	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	28,439.13	301.69
22 51 19 00-0109	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	30,316.55	573.74
22 51 19 00-0110	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	38,424.23	573.74
22 51 19 00-0111	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	53,627.31	688.30
22 51 19 00-0112	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	60,515.61	782.37
22 51 19 00-0113	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	71,333.93	1,012.43
22 51 19 00-0114	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	80,058.12	1,012.43
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		Pool Pump Variable Frequency Drive *(22 51 23)* Note: Pentair Acu Drive XS		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,622.48	221.82
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	4,961.86	249.56
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	5,941.42	311.95
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,313.59	372.26
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	6,753.38	433.26
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	7,653.60	494.96
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,628.35	221.82
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	4,877.83	249.56
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,253.47	311.95
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	5,645.18	372.26
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	6,657.61	433.26
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,393.67	494.96
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	5,019.11	221.82
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	5,770.03	249.56
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	6,419.95	311.95
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	6,928.70	372.26
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	8,156.28	433.26
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	9,197.09	494.96
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	5,386.85	221.82
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	5,605.11	249.56
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	5,929.09	311.95
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	6,272.60	372.26
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	7,159.98	433.26
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	7,837.91	494.96
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	3,708.27	221.82
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	3,769.34	221.82
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	3,807.07	221.82
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	3,908.73	221.82
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	4,062.29	221.82
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	4,181.41	221.82
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	4,478.73	249.56
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	5,342.46	311.95
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	5,721.75	372.26
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	6,115.10	433.26
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	6,948.38	494.96
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	9,120.46	616.96
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	10,067.73	679.35
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	11,897.25	741.74
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	13,843.28	866.52
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	15,160.93	928.91
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	3,784.38	221.82
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	3,863.26	221.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	3,962.50	221.82
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	4,047.81	221.82
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	4,134.74	221.82
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	4,226.48	221.82
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	4,448.14	249.56
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	4,780.69	311.95
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	5,130.69	372.26
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	6,231.96	433.26
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	6,874.01	494.96
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	7,589.03	616.96
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	8,580.59	679.35
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	9,682.97	741.74
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	11,858.93	866.52
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	13,024.68	928.91
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	14,596.59	991.30
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	17,272.59	1,050.22
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	19,901.97	1,109.14
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	21,592.95	1,240.85
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	25,192.38	1,358.70
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	5,336.47	221.82
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	5,397.54	221.82
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	5,435.27	221.82
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	5,536.93	221.82
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	5,690.49	221.82
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	5,809.61	221.82
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	6,106.93	249.56
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	6,786.33	311.95
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	7,353.89	372.26
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	8,614.09	433.26
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	9,735.87	494.96
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	11,466.45	616.96
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	12,623.80	679.35
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	16,105.59	741.74
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	21,217.55	866.52
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	23,314.69	928.91
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	5,313.37	221.82
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	5,392.23	221.82
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	5,491.49	221.82
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	5,576.79	221.82
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	5,663.71	221.82
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	5,755.46	221.82
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	5,977.13	249.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	6,308.02	311.95
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	6,658.03	372.26
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	7,792.46	433.26
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	8,485.83	494.96
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	9,310.10	616.96
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	10,490.12	679.35
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	12,411.86	741.74
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	14,284.18	866.52
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	15,896.89	928.91
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	18,445.42	991.30
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	24,282.71	1,050.22
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	26,854.27	1,109.14
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	33,712.85	1,240.85
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	39,596.65	1,358.70
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	361.71	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	577.21	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	638.77	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,085.14	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,070.23	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,297.00	
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,356.14	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,480.05	
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,587.56	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	1,855.29	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	1,910.85	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,029.07	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,133.22	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	2,549.69	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	2,560.20	

22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	3,671.86	184.86
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	3,675.38	184.86
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	3,740.36	207.97
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	3,883.04	259.96
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,200.49	310.21
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	4,675.07	361.05
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	5,509.63	412.46
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	5,737.52	516.44
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	6,861.72	567.86
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	7,077.14	618.70
		For Bypass Panel, Add	*1,201.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	3,651.93	184.86
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	3,656.62	184.86
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	3,678.90	184.86
		For Bypass Panel, Add	*836.15*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	3,759.13	207.97
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,084.74	259.96
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	4,554.63	310.21
		For Bypass Panel, Add	*987.00*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	5,396.24	361.05
		For Bypass Panel, Add	*1,201.14*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	5,521.35	412.46
		For Bypass Panel, Add	*1,201.14*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	6,742.47	516.44
		For Bypass Panel, Add	*1,631.08*	
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	6,960.22	567.86
		For Bypass Panel, Add	*2,246.29*	

22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	506.44	86.65
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	506.44	86.65
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	535.35	57.76
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	600.79	25.99
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	620.63	28.89
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	635.80	31.77
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	663.85	34.66
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	676.66	37.55
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	882.97	40.43
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	920.40	43.32
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	961.36	46.22
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,001.14	49.10
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,036.23	51.99
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,424.29	54.88
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	183.23	28.89
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	196.06	31.77
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	219.42	34.66
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	288.52	37.55
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	323.62	40.43
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	335.25	43.32
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	346.89	46.22
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	367.92	49.10
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	465.15	51.99
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	477.97	54.88
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	184.41	28.89
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	203.09	31.77
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	222.94	34.66
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	234.58	37.55
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	245.05	40.43
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	307.11	43.32
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	319.92	46.22
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	336.26	49.10
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	347.89	51.99
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	419.34	54.88
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	456.78	57.76
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	74.77	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	101.72	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	126.33	

22 51 23 00-0176 Pool Flow Meters *(22 51 23)*

22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	130.64	19.36
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	130.64	19.36
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	202.98	36.28
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	169.35	38.70

22 51 23 00-0181 Paddlewheel Flow Sensors *(22 51 23)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0)	896.98	66.72
		Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,188.97	66.72
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,188.97	66.72
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,234.70	66.72
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,283.95	66.72
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,377.18	66.72
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,377.18	66.72
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,435.22	66.72
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,491.51	66.72
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1)	937.44	66.72
		Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,234.70	66.72
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,234.70	66.72
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,283.95	66.72
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,329.68	66.72
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2)	974.37	66.72
		Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	298.91	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	413.20	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	508.13	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	624.18	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	826.40	
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	836.91	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	296.47	18.48
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	407.28	18.48
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	502.27	18.48
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	635.95	18.48
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	882.20	18.48

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	18.71		5.51
		For Schedule 80, Add	*5.41*		
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*4.63*		
		For Work In Restricted Working Space, Add	*2.49*		
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	23.42		6.19
		For Schedule 80, Add	*7.32*		
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*6.26*		
		For Work In Restricted Working Space, Add	*2.81*		
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	38.93		9.00
		For Schedule 80, Add	*13.21*		
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*11.30*		
		For Work In Restricted Working Space, Add	*4.06*		
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	53.65		11.70
		For Schedule 80, Add	*18.75*		
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*16.05*		
		For Work In Restricted Working Space, Add	*5.28*		
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	90.80		17.22
		For Schedule 80, Add	*33.79*		
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*28.92*		
		For Work In Restricted Working Space, Add	*7.74*		

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	73.16		20.81
		For Work In Restricted Working Space, Add	*9.36*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	93.27	27.48
		For Work In Restricted Working Space, Add	*12.35*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	135.66	31.44
		For Work In Restricted Working Space, Add	*14.16*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	203.23	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	438.22	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0015		Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*		
22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	72.45	20.81
		For Work In Restricted Working Space, Add	*9.36*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	91.38	27.48
		For Work In Restricted Working Space, Add	*12.35*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	139.28	31.44
		For Work In Restricted Working Space, Add	*14.16*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	166.84	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	381.82	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0021		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*		
22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	118.84	44.51
		For Work In Restricted Working Space, Add	*20.02*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	146.57	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	217.04	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	307.98	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	565.47	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0027		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 66 53 00-0002)*		
22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	146.48	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	208.32	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	200.57	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	288.10	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	295.60	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	510.12	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0034		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	144.29	44.51
		For Work In Restricted Working Space, Add	*20.02*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	152.71	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	235.87	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	316.66	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	458.14	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0040		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	133.12	44.51
		For Work In Restricted Working Space, Add	*20.02*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	159.79	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	224.92	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	314.51	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	684.88	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0046		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes *(22 66 53 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	177.27	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	215.95	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	215.95	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	306.76	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	306.76	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	582.02	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	588.04	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	512.65	129.08
		For Work In Restricted Working Space, Add	*58.06*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	165.09	55.64
		For Work In Restricted Working Space, Add	*25.02*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	203.04	70.16
		For Work In Restricted Working Space, Add	*31.55*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	310.98	76.83
		For Work In Restricted Working Space, Add	*34.56*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	444.37	100.82
		For Work In Restricted Working Space, Add	*45.36*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	824.96	161.30
		For Work In Restricted Working Space, Add	*72.57*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	114.19	44.51
		For Work In Restricted Working Space, Add	*20.02*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	153.46	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	180.86	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	258.91	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	132.83	56.12
		For Work In Restricted Working Space, Add	*25.24*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	172.56	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	175.89	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	246.57	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	248.67	80.70
		For Work In Restricted Working Space, Add	*36.29*	
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	136.93	51.68
		For Work In Restricted Working Space, Add	*23.22*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	183.74	67.93
		For Work In Restricted Working Space, Add	*30.56*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	299.31	92.21
		For Work In Restricted Working Space, Add	*41.47*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	446.61	117.38
		For Work In Restricted Working Space, Add	*52.78*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	71.18	20.81
		For Work In Restricted Working Space, Add	*9.36*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	82.83	27.48
		For Work In Restricted Working Space, Add	*12.35*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	98.76	31.44
		For Work In Restricted Working Space, Add	*14.16*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	136.72	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	203.44	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	66.17	20.81
		For Work In Restricted Working Space, Add	*9.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	86.62	27.48
		For Work In Restricted Working Space, Add	*12.35*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	105.71	31.44
		For Work In Restricted Working Space, Add	*14.16*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	143.55	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 66 53 00-0087		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	59.94	20.81
		For Work In Restricted Working Space, Add	*9.36*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	75.42	27.48
		For Work In Restricted Working Space, Add	*12.35*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	88.77	31.44
		For Work In Restricted Working Space, Add	*14.16*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	117.39	41.61
		For Work In Restricted Working Space, Add	*18.73*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	172.06	61.45
		For Work In Restricted Working Space, Add	*27.65*	
22 66 53 00-0093		Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
		Note: Acid resistant. ASTM A518.		
22 66 53 00-0094		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	132.38	8.61
22 66 53 00-0096	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	187.22	10.74
22 66 53 00-0097	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	256.22	12.39
22 66 53 00-0098	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	422.90	17.63
22 66 53 00-0099	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	750.85	23.57
22 66 53 00-0100	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,335.56	29.73
22 66 53 00-0101	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,389.77	40.04
22 66 53 00-0102	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	4,272.78	45.91
22 66 53 00-0103		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0093)*		
22 66 53 00-0104		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0103)*		
22 66 53 00-0105	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	503.21	73.35
22 66 53 00-0106	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	667.89	80.70
22 66 53 00-0107	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,107.65	96.57
22 66 53 00-0108	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,670.80	116.47
22 66 53 00-0109	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,887.89	189.41
22 66 53 00-0110		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0103)*		
22 66 53 00-0111	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	272.68	73.35
22 66 53 00-0112	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	365.05	80.70
22 66 53 00-0113	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	461.27	96.57
22 66 53 00-0114	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,313.71	116.47
22 66 53 00-0115	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,027.71	189.41
22 66 53 00-0116	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,631.48	235.98
22 66 53 00-0117	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	6,841.91	283.79
22 66 53 00-0118		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0103)*		
22 66 53 00-0119	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	272.68	73.35
22 66 53 00-0120	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	365.05	80.70
22 66 53 00-0121	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	461.27	96.57
22 66 53 00-0122	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	943.06	116.47
22 66 53 00-0123	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,548.57	189.41
22 66 53 00-0124	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,750.73	235.98
22 66 53 00-0125	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	5,350.95	283.79
22 66 53 00-0126		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0103)*		
22 66 53 00-0127	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	272.68	73.35
22 66 53 00-0128	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	365.05	80.70
22 66 53 00-0129	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	461.04	96.48
22 66 53 00-0130		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps *(22 66 53 00-0103)*		
22 66 53 00-0131	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	390.21	73.35
22 66 53 00-0132	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	722.14	80.70
22 66 53 00-0133	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	804.80	96.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0134		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0103)*		
22 66 53 00-0135	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	381.54	109.74
22 66 53 00-0136	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	489.74	121.63
22 66 53 00-0137	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	696.91	145.24
22 66 53 00-0138	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,211.66	175.03
22 66 53 00-0139	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,866.17	284.36
22 66 53 00-0140	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	5,520.12	355.07
22 66 53 00-0141		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0103)*		
22 66 53 00-0142	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	356.62	105.18
22 66 53 00-0143	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	422.47	112.92
22 66 53 00-0144	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	478.09	116.89
22 66 53 00-0145	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	550.62	129.08
22 66 53 00-0146	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	592.94	133.14
22 66 53 00-0147	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	657.51	137.12
22 66 53 00-0148	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	838.07	151.46
22 66 53 00-0149	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	938.10	155.37
22 66 53 00-0150	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,057.27	162.51
22 66 53 00-0151		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0103)*		
22 66 53 00-0152	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	444.76	109.74
22 66 53 00-0153	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	543.50	121.34
22 66 53 00-0154	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	755.63	145.24
22 66 53 00-0155		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0103)*		
22 66 53 00-0156	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	419.87	105.18
22 66 53 00-0157	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	533.15	117.47
22 66 53 00-0158	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	647.75	133.54
22 66 53 00-0159	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	698.80	137.50
22 66 53 00-0160		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0103)*		
22 66 53 00-0161	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	377.22	109.93
22 66 53 00-0162	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	539.46	121.63
22 66 53 00-0163	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	696.74	145.15
22 66 53 00-0164	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,219.69	174.39
22 66 53 00-0165	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	4,887.27	284.08
22 66 53 00-0166		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0103)*		
22 66 53 00-0167	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	392.75	105.18
22 66 53 00-0168	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	422.42	112.92
22 66 53 00-0169	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	447.48	117.57
22 66 53 00-0170	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	500.90	129.08
22 66 53 00-0171	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	520.85	133.35
22 66 53 00-0172	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	640.04	137.50
22 66 53 00-0173	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	887.32	151.65
22 66 53 00-0174	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,069.18	155.37
22 66 53 00-0175	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,116.04	162.51
22 66 53 00-0176	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,834.21	229.17
22 66 53 00-0177	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,067.04	236.74
22 66 53 00-0178	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,776.71	248.86
22 66 53 00-0179		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0103)*		
22 66 53 00-0180	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	462.79	109.74
22 66 53 00-0181	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	557.06	121.34
22 66 53 00-0182	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	846.04	145.24
22 66 53 00-0183	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,337.54	174.57
22 66 53 00-0184		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0103)*		
22 66 53 00-0185	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	374.67	105.18
22 66 53 00-0186	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	440.50	112.92
22 66 53 00-0187	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	492.47	117.47
22 66 53 00-0188	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	532.54	129.08
22 66 53 00-0189	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	625.15	133.54
22 66 53 00-0190	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	716.82	137.41
22 66 53 00-0191	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	946.02	151.65
22 66 53 00-0192	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,200.33	155.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0193	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,319.84	162.78
22 66 53 00-0194		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0103)*		
22 66 53 00-0195	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	230.12	69.09
22 66 53 00-0196	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	253.98	72.96
22 66 53 00-0197	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	286.93	76.83
22 66 53 00-0198	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	484.81	85.16
22 66 53 00-0199	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	508.71	89.12
22 66 53 00-0200	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	552.54	97.17
22 66 53 00-0201	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	730.90	104.60
22 66 53 00-0202	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,067.26	142.09
22 66 53 00-0203	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,135.04	154.11
22 66 53 00-0204		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0103)*		
22 66 53 00-0205	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	630.64	161.30
22 66 53 00-0206	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	865.69	161.30
22 66 53 00-0207	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	886.78	161.30
22 66 53 00-0208	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	980.25	216.71
22 66 53 00-0209		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0103)*		
22 66 53 00-0210	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	769.90	73.35
22 66 53 00-0211	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	934.58	80.70
22 66 53 00-0212	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,139.29	96.57
22 66 53 00-0213	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	3,469.81	116.47
22 66 53 00-0214		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0103)*		
22 66 53 00-0215	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	358.57	73.35
22 66 53 00-0216	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	459.97	80.70
22 66 53 00-0217	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	642.07	96.57
22 66 53 00-0218	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	833.82	116.47
22 66 53 00-0219	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,663.01	162.51
22 66 53 00-0220		**Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0093)* Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0221	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	6.03	
22 66 53 00-0222	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	82.87	
22 66 53 00-0223		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)* Note: ASTM A518.		
22 66 53 00-0224		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0223)*		
22 66 53 00-0225	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	105.28	6.48
22 66 53 00-0226	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	119.91	7.16
22 66 53 00-0227	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	165.95	9.00
22 66 53 00-0228	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	209.98	10.45
22 66 53 00-0229		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0223)*		
22 66 53 00-0230		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0229)*		
22 66 53 00-0231	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	370.87	51.38
22 66 53 00-0232	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	398.97	58.06
22 66 53 00-0233	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	557.04	64.06
22 66 53 00-0234	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	672.10	77.41
22 66 53 00-0235		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0229)*		
22 66 53 00-0236	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	194.58	51.38
22 66 53 00-0237	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	235.35	57.47
22 66 53 00-0238	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	308.78	64.25
22 66 53 00-0239	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	409.06	76.83
22 66 53 00-0240	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	230.56	54.29
22 66 53 00-0241		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0229)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0242	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	194.58	51.38
22 66 53 00-0243	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	235.35	57.47
22 66 53 00-0244	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	308.78	64.25
22 66 53 00-0245	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	409.06	76.83
22 66 53 00-0246		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends** *(22 66 53 00-0229)*		
22 66 53 00-0247	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	235.26	51.38
22 66 53 00-0248	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	298.64	57.47
22 66 53 00-0249	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	476.02	64.25
22 66 53 00-0250	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	531.10	76.83
22 66 53 00-0251		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0229)*		
22 66 53 00-0252	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	226.22	51.38
22 66 53 00-0253	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	271.51	57.47
22 66 53 00-0254	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	435.34	64.25
22 66 53 00-0255	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	490.42	76.83
22 66 53 00-0256		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 66 53 00-0229)*		
22 66 53 00-0257	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	341.93	77.31
22 66 53 00-0258		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 66 53 00-0229)*		
22 66 53 00-0259	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	269.60	77.31
22 66 53 00-0260	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	338.49	87.09
22 66 53 00-0261	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	457.40	97.05
22 66 53 00-0262	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	712.07	116.22
22 66 53 00-0263		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0229)*		
22 66 53 00-0264	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	315.49	83.80
22 66 53 00-0265	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	393.10	90.38
22 66 53 00-0266	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	420.49	93.57
22 66 53 00-0267	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	448.55	103.24
22 66 53 00-0268	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	498.19	106.15
22 66 53 00-0269	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	543.69	109.34
22 66 53 00-0270		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0229)*		
22 66 53 00-0271	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	269.98	77.61
22 66 53 00-0272	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	320.40	87.09
22 66 53 00-0273	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	439.32	97.05
22 66 53 00-0274	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	712.07	116.22
22 66 53 00-0275		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0229)*		
22 66 53 00-0276	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	302.59	84.28
22 66 53 00-0277	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	379.51	90.28
22 66 53 00-0278	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	398.31	93.86
22 66 53 00-0279	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	449.02	103.54
22 66 53 00-0280	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	499.07	106.73
22 66 53 00-0281	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	530.54	109.63
22 66 53 00-0282		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0229)*		
22 66 53 00-0283	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	412.59	103.34
22 66 53 00-0284	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	535.93	116.31
22 66 53 00-0285	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	699.16	128.70
22 66 53 00-0286	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	919.04	154.73
22 66 53 00-0287	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	457.94	109.44
22 66 53 00-0288	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	517.31	115.93
22 66 53 00-0289	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	626.42	122.31
22 66 53 00-0290	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	691.22	135.47
22 66 53 00-0291	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	846.16	142.34
22 66 53 00-0292		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0229)*		
22 66 53 00-0293	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	466.77	103.34
22 66 53 00-0294	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	553.77	116.12
22 66 53 00-0295	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	817.78	129.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0296	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,158.85	154.92
22 66 53 00-0297	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	503.08	109.44
22 66 53 00-0298	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	675.48	115.93
22 66 53 00-0299	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	712.23	122.31
22 66 53 00-0300	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	758.98	135.37
22 66 53 00-0301	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	985.53	141.76
22 66 53 00-0302		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends *(22 66 53 00-0229)*		
22 66 53 00-0303	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	305.37	77.02
22 66 53 00-0304	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	356.57	87.09
22 66 53 00-0305	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	439.32	97.05
22 66 53 00-0306	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	761.79	116.22
22 66 53 00-0307		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0229)*		
22 66 53 00-0308	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	338.18	83.90
22 66 53 00-0309	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	379.90	90.57
22 66 53 00-0310	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	416.39	93.86
22 66 53 00-0311	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	580.10	103.54
22 66 53 00-0312	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	593.99	106.73
22 66 53 00-0313	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	670.66	109.63
22 66 53 00-0314		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0229)*		
22 66 53 00-0315	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	498.20	103.15
22 66 53 00-0316	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	635.04	116.02
22 66 53 00-0317	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	939.13	128.99
22 66 53 00-0318	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,127.71	155.21
22 66 53 00-0319		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0229)*		
22 66 53 00-0320	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	543.76	109.44
22 66 53 00-0321	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	661.89	115.82
22 66 53 00-0322	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	689.63	122.31
22 66 53 00-0323	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	768.02	135.37
22 66 53 00-0324	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	985.53	141.76
22 66 53 00-0325		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers *(22 66 53 00-0229)*		
22 66 53 00-0326	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	231.37	54.86
22 66 53 00-0327	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	263.33	58.06
22 66 53 00-0328	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	309.48	67.74
22 66 53 00-0329	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	376.73	64.35
22 66 53 00-0330	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	399.63	67.54
22 66 53 00-0331	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	422.54	70.73
22 66 53 00-0332		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees *(22 66 53 00-0229)*		
22 66 53 00-0333	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	216.89	45.18
22 66 53 00-0334	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	252.90	51.09
22 66 53 00-0335	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	299.15	57.87
22 66 53 00-0336	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	566.69	70.45
22 66 53 00-0337		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs *(22 66 53 00-0229)*		
22 66 53 00-0338	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	92.77	25.74
22 66 53 00-0339	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	110.89	28.74
22 66 53 00-0340	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	120.49	32.13
22 66 53 00-0341	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	157.06	38.42
22 66 53 00-0342		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 66 53 00-0229)*		
22 66 53 00-0343	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	415.62	51.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0344	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	425.20	57.47
22 66 53 00-0345	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	530.26	64.25
22 66 53 00-0346	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	680.27	76.83
22 66 53 00-0347	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	588.58	54.96
22 66 53 00-0348	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	819.76	61.34
22 66 53 00-0349	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	996.51	67.74
22 66 53 00-0350	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,241.93	80.70
22 66 53 00-0351		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps *(22 66 53 00-0229)*		
22 66 53 00-0352	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	797.10	58.35
22 66 53 00-0353	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,276.52	64.54
22 66 53 00-0354	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	832.91	58.06
22 66 53 00-0355	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,276.52	64.54
22 66 53 00-0356		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps *(22 66 53 00-0229)*		
22 66 53 00-0357	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	737.99	58.06
22 66 53 00-0358	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	869.71	64.54
22 66 53 00-0359	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	860.03	58.06
22 66 53 00-0360	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,931.94	64.54
22 66 53 00-0361	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,131.88	64.54
22 66 53 00-0362		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends *(22 66 53 00-0229)*		
22 66 53 00-0363	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	289.86	51.68
22 66 53 00-0364	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	385.41	58.06
22 66 53 00-0365		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters *(22 66 53 00-0229)*		
22 66 53 00-0366	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	139.42	38.70
22 66 53 00-0367	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	275.35	42.00
22 66 53 00-0368	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	190.10	48.38
22 66 53 00-0369		Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter *(22 66 53 00-0229)*		
22 66 53 00-0370	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	272.44	55.05
22 66 53 00-0371	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	299.49	58.06
22 66 53 00-0372	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	335.97	61.25
22 66 53 00-0373	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	358.95	67.54
22 66 53 00-0374	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	336.01	61.34
22 66 53 00-0375	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	354.36	64.54
22 66 53 00-0376	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	381.86	70.73
22 66 53 00-0377	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	440.61	67.74
22 66 53 00-0378	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	545.85	80.70
22 66 53 00-0379		Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0229)*		
22 66 53 00-0380	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	108.48	
22 66 53 00-0381	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	126.56	
22 66 53 00-0382	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	135.60	
22 66 53 00-0383	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	149.16	
22 66 53 00-0384		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings *(22 66 53 00-0229)*		
22 66 53 00-0385	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	784.52	25.84
22 66 53 00-0386	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	295.09	12.87
22 66 53 00-0387	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	557.26	12.87
22 66 53 00-0388		Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates *(22 66 53 00-0229)*		
22 66 53 00-0389	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	2,788.08	129.08
22 66 53 00-0390	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	3,457.69	135.56
22 66 53 00-0391	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	2,378.85	12.87

22 66 83 Chemical-Waste Tanks *(22 66)*

22 66 83 16 Chemical-Waste Neutralization Tanks *(22 66 83)*

22 66 83 16-0001 Acid Neutralization Tank *(22 66 83 16)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 83 16-0002		**Polyethylene Acid Neutralization Tank** *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	490.16	197.01
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	889.06	273.18
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,105.44	394.01
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,419.08	525.35
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,822.54	630.42
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,493.34	788.02
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	2,877.34	985.03
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	3,737.14	1,182.03
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	4,241.94	1,418.44
22 66 83 16-0012		**Polypropylene Acid Neutralization Tank** *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	808.64	197.01
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,393.31	273.18
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,430.56	394.01
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,202.56	525.35
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,057.57	630.42
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	4,210.84	788.02
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	4,587.26	985.03
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	6,722.89	1,182.03
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	7,267.48	1,418.44
22 66 83 16-0022		**Chemical Dilution Trap** *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	476.28	65.67
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	491.98	65.67
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	507.68	65.67
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	554.73	78.80

END OF SECTION 22

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR UNIT COST	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0002	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems			485.48
23 01 10 91-0003	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems			693.56
23 01 10 91-0004	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems			728.72
23 01 10 91-0005	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems			804.24
23 01 10 91-0006	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems			1,456.80
23 01 10 91-0007	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems			653.28
23 01 10 91-0008	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems			939.54
23 01 10 91-0009	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems			996.66
23 01 10 91-0010	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems			1,118.54
23 01 10 91-0011	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems			2,034.85
23 01 10 91-0012	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems			778.18
23 01 10 91-0013	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems			1,150.54
23 01 10 91-0014	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems			2,647.39
23 01 10 91-0015	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems			4,146.12
23 01 10 91-0016	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems			7,797.80

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).			26.27
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).			31.52
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).			36.78
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).			42.03
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).			52.54
23 01 20 91-0007	EA	Lock Out Padlock			10.51
23 01 20 91-0008	EA	Lock Out Tags			4.37

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit			337.94

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			807.72
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.			340.89
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			984.61
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.			390.79
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			1,403.53
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.			440.85
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			1,604.62
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.			531.88
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			2,429.38
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.			610.45
23 01 20 91-0022	EA	>4" To 6" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.			5,291.99

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	858.33	
23 01 20 91-0024	EA	>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,039.36	
23 01 20 91-0025	EA	>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,312.86	
23 01 20 91-0026	EA	>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	9,773.30	
23 01 20 91-0027	EA	>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,845.68	
23 01 20 91-0028	EA	>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	12,633.92	
23 01 20 91-0029	EA	>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,456.82	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.77	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 2000, Deduct	*-0.33*	
		For >2000, Deduct	*-0.48*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.46	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 2000, Deduct	*-0.44*	
		For >2000, Deduct	*-0.64*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.82	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.95*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.31	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 2000, Deduct	*-0.87*	
		For >2000, Deduct	*-1.27*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	6.60	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 2000, Deduct	*-1.05*	
		For >2000, Deduct	*-1.52*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	8.39	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 2000, Deduct	*-1.31*	
		For >2000, Deduct	*-1.91*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	11.00	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 2000, Deduct	*-1.75*	
		For >2000, Deduct	*-2.54*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	13.20	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 2000, Deduct	*-2.10*	
		For >2000, Deduct	*-3.05*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	221.31	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	166.09	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	207.61	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	296.32	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	355.08	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	443.85	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	577.01	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.29	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	345.87	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	493.97	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	591.87	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	739.84	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	961.79	
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.48	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	484.21	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	691.56	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	828.62	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,035.77	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,346.50	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.68	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	665.79	
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	950.90	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,009.54	
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,261.92	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,640.49	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.82	
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	898.83	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,283.70	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,362.87	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,703.58	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,214.66	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.11	

23 01 20 91-0073 Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*

23 01 20 91-0074	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	360.63	
23 01 20 91-0075	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	454.45	
23 01 20 91-0076	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	631.44	
23 01 20 91-0077	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	969.58	
23 01 20 91-0078	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,198.24	
23 01 20 91-0079	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,814.18	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	3.19	
		For Exhaust Ductwork, Add	*0.80*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.00	
		For Exhaust Ductwork, Add	*1.00*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	5.36	
		For Exhaust Ductwork, Add	*1.34*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	7.61	
		For Exhaust Ductwork, Add	*1.90*	
23 01 30 51-0006	SF	Clean Duct Dampers	10.69	
23 01 30 51-0007	SF	Clean Duct Fire Dampers	21.39	
23 01 30 51-0008	SF	Clean Louver	8.56	
23 01 30 51-0009	EA	Clean Turning Vane Set	25.67	
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	25.67	
23 01 30 51-0011	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	6.42	
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	84.93	
		For Stainless Steel, Add	*54.60*	
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	77.00	
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	102.67	
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU)	102.67	
23 01 30 51-0016	EA	Clean Packaged Terminal Air Conditioning Unit	102.67	
23 01 30 51-0017	EA	Clean Supply Or Return Fan	205.34	
23 01 30 51-0018	EA	Clean Exhaust Fan	179.68	
23 01 30 51-0019	EA	Clean Duct Coil	154.01	
23 01 30 51-0020	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	5.13	
23 01 30 51-0021	EA	Clean Air Handling Unit Fan	205.34	
23 01 30 51-0022	EA	Clean Air Handling Unit Coil	308.03	
23 01 30 51-0023	SF	Clean Equipment Surfaces, Rust Reform And Prime	2.91	
23 01 30 51-0024	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	3.42	
23 01 30 51-0025	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.62	
23 01 30 51-0026	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	744.61	
23 01 30 51-0027	SF	Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.47	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair And Sealing Of Ductwork Note: Clean, apply sealant and tape	1.99	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0002		**Setup And Maintenance** *(23 01 50 61-0001)*		
23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,293.63	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,513.06	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*629.36*	
23 01 50 61-0005	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,058.18	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,529.09	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,058.18	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	95.57	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	286.70	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	10.83	
23 01 50 61-0011		**Boiler Tube Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	229.36	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	286.71	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	401.38	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	8.94	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	10.43	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	11.92	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	17.20	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	20.17	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	25.88	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	28.67	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	43.00	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	57.34	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	71.68	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	86.01	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	100.35	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	86.01	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	114.68	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	143.35	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	172.03	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	200.69	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	229.36	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	360.30	
23 01 50 61-0034		**Cast Iron Boiler Section Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0035	EA	Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,593.39	
23 01 50 61-0036	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,800.09	
23 01 50 61-0037	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,230.96	
23 01 50 61-0038	EA	Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler	4,801.94	
23 01 50 61-0039	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,570.27	
23 01 50 61-0040	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	4,108.70	
23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	7,823.97	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	6,133.65	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	6,506.82	
23 01 50 61-0044		**Cast Iron Grate Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	133.56	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,009.51	
23 01 50 61-0047		**Replacement Or Conversion Of Boiler Burners** *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	9,833.79	1,031.40
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	14,224.31	1,276.95
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	16,795.08	1,546.99
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	19,838.56	1,665.14
23 01 50 61-0052		**Video Inspection Of Boiler Tubing** *(23 01 50 61-0001)*		
23 01 50 61-0053	EA	Initial Set Up For Boiler Tubing Video Camera Inspection	465.15	
23 01 50 61-0054	LF	Boiler Tubing Inspection	0.56	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0055		Boiler And Chiller Water Treatment *(23 01 50 61)* Note: 3 LB chemical per 50 gallon system water.			
23 01 50 61-0056	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.		1.57	
23 01 50 61-0057	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.		2.35	
23 01 50 61-0058	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required		146.89	
23 01 60 61		**Central Cooling Equipment Repair** *(23 01 60)*			
23 01 60 61-0001		Cooling Tower Repairs *(23 01 60 61)*			
23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade		3,239.06	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade		3,822.60	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade		4,401.85	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade		5,204.75	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade		5,739.29	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade		3,572.86	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade		3,981.73	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade		4,684.52	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade		5,344.72	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade		5,892.05	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan		889.62	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan		922.72	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan		985.67	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan		1,148.68	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan		1,424.56	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan		1,928.33	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan		2,027.46	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan		2,176.16	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread)		37.14	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill		22.01	
23 01 60 71		**Refrigerant Recovery/Recycling** *(23 01 60)*			
23 01 60 71-0001		Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*			
23 01 60 71-0002	LB	Recovery Of Refrigerant		11.11	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.		20.85	
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		672.37	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		761.34	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		892.60	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		749.67	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		796.34	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,044.29	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		880.93	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		853.22	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,067.62	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		892.60	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		920.31	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,359.32	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		974.28	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,007.82	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,780.83	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,546.01	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,481.84	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		2,135.24	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,767.70	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		1,793.96	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		2,778.44	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		2,511.54	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor		2,540.71	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001 Premium Efficient, Motors *(23 05 13)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.

23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,746.89	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,950.55	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,189.74	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,560.73	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,542.70	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,888.36	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,508.75	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,180.06	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,251.53	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,746.49	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,386.24	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,546.68	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,866.09	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,121.32	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,422.31	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,706.71	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,736.95	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,459.83	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,407.86	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,005.84	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,062.33	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,501.33	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,113.51	

23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,186.56	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,910.51	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	12,582.48	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,008.89	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,419.26	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,651.69	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,997.76	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,610.99	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,260.42	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,741.72	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	25,778.99	

23 05 13 00-0062 Premium Efficient, TEFC Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.

23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	786.13	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	866.35	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,031.16	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	891.14	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	899.89	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	975.74	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	933.44	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,082.21	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,031.16	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,655.40	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,200.35	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,128.88	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,869.80	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,798.33	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,627.69	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,823.12	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,837.71	

23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,121.59	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,255.77	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,184.30	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,162.42	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,494.96	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,245.56	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,217.85	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,518.30	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,344.74	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,382.66	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,891.67	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,655.40	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,384.12	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,195.04	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,916.47	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,846.46	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,129.94	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,246.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,071.07	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,573.32	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,094.94	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,832.41	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,766.38	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,396.85	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,434.77	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,345.93	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,432.38	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,492.18	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,180.20	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,266.64	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,329.36	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,294.49	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,219.58	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,968.71	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,336.39	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,897.78	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,616.29	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,490.59	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,094.81	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,959.17	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,161.11	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,907.72	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,814.38	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	17,655.14	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,913.69	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	19,701.42	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	22,662.17	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	28,481.59	
23 05 13 00-0130		Premium Efficient, Severe Duty Motors *(23 05 13 00-0003)*		
		Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.		
23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,165.34	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,280.56	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,414.74	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,987.94	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,325.78	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,305.36	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,655.40	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,473.62	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,387.03	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,362.24	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,677.28	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,119.73	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,640.81	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,723.95	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,421.11	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,383.72	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,018.56	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,754.58	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,453.20	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,386.24	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,634.05	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,209.63	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,510.61	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,159.25	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,804.70	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,645.72	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,560.73	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,184.57	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,587.91	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,370.59	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,228.72	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,591.10	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,185.90	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,615.62	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,104.35	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,934.37	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,030.37	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,731.37	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,423.76	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,132.99	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,618.14	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,570.68	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,425.75	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,350.84	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,929.07	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,829.76	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,628.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,706.45	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,814.38	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,564.45	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,356.15	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,325.39	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,513.00	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,123.46	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,006.64	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,739.28	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	23,233.90	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,158.46	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,970.31	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,247.17	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,804.71	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,566.97	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,592.96	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,372.73	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,553.59	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	38,764.01	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,554.76	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,610.18	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,756.03	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,170.25	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,406.52	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,316.63	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,385.18	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,582.61	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,224.35	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,863.70	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,703.80	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,073.86	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,345.67	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	15,871.40	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	18,632.34	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	22,697.18	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	29,665.89	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	33,848.87	

23 05 13 00-0216 Motor Mounting *(23 05 13)*

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting	181.35	92.27
23 05 13 00-0218	EA	3/4 HP Motor Mounting	208.95	115.34
23 05 13 00-0219	EA	1 HP Motor Mounting	223.52	115.34
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	240.29	115.34
23 05 13 00-0221	EA	2 HP Motor Mounting	259.77	138.40
23 05 13 00-0222	EA	3 HP Motor Mounting	300.36	138.40
23 05 13 00-0223	EA	5 HP Motor Mounting	355.98	230.68
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	457.69	230.68
23 05 13 00-0225	EA	10 HP Motor Mounting	600.72	403.68
23 05 13 00-0226	EA	15 HP Motor Mounting	739.35	403.68
23 05 13 00-0227	EA	20 HP Motor Mounting	873.77	576.69
23 05 13 00-0228	EA	25 HP Motor Mounting	990.87	576.69
23 05 13 00-0229	EA	30 HP Motor Mounting	1,201.43	576.69
23 05 13 00-0230	EA	40 HP Motor Mounting	1,353.72	865.03
23 05 13 00-0231	EA	50 HP Motor Mounting	1,501.79	865.03
23 05 13 00-0232	EA	75 HP Motor Mounting	1,813.48	1,268.72
23 05 13 00-0233	EA	100 HP Motor Mounting	2,184.42	1,268.72
23 05 13 00-0234	EA	125 HP Motor Mounting	2,669.85	1,730.07
23 05 13 00-0235	EA	150 HP Motor Mounting	3,100.47	1,730.07
23 05 13 00-0236	EA	200 HP Motor Mounting	3,559.81	2,076.08

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA	1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	194.48	84.73
		For 300 LB Rating, Add	*6.24*	
23 05 16 00-0004	EA	3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	218.30	95.55
		For 300 LB Rating, Add	*6.83*	
23 05 16 00-0005	EA	1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	254.61	109.53
		For 300 LB Rating, Add	*8.91*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	286.98	122.25
		For 300 LB Rating, Add	*10.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0007	EA	1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	310.26	131.40
		For 300 LB Rating, Add	*11.87*	
23 05 16 00-0008	EA	2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	359.02	154.62
		For 300 LB Rating, Add	*12.46*	
23 05 16 00-0009		Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010	EA	1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	676.74	84.72
		For 300 LB Rating, Add	*142.88*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	736.26	101.66
		For 300 LB Rating, Add	*152.22*	
23 05 16 00-0012	EA	2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	770.35	129.07
		For 300 LB Rating, Add	*152.25*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	830.14	140.40
		For 300 LB Rating, Add	*163.53*	
23 05 16 00-0014	EA	3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	912.82	164.60
		For 300 LB Rating, Add	*176.71*	
23 05 16 00-0015	EA	4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,108.22	275.94
		For 300 LB Rating, Add	*190.61*	
23 05 16 00-0016	EA	5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,513.39	301.77
		For 300 LB Rating, Add	*284.19*	
23 05 16 00-0017	EA	6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,394.17	335.31
		For 300 LB Rating, Add	*243.39*	
23 05 16 00-0018	EA	8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,794.11	428.44
		For 300 LB Rating, Add	*315.47*	
23 05 16 00-0019	EA	10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,284.29	521.58
		For 300 LB Rating, Add	*408.08*	
23 05 16 00-0020	EA	12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,005.30	395.10
		For 300 LB Rating, Add	*553.52*	
23 05 16 00-0021	EA	14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,832.86	745.12
		For 300 LB Rating, Add	*725.37*	
23 05 16 00-0022	EA	16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,968.71	819.62
		For 300 LB Rating, Add	*986.05*	
23 05 16 00-0023		Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0024	EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	691.32	116.19
		For 300 LB Rating, Add	*114.76*	
23 05 16 00-0025	EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	723.36	117.15
		For 300 LB Rating, Add	*122.26*	
23 05 16 00-0026	EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	731.42	121.03
		For 300 LB Rating, Add	*122.28*	
23 05 16 00-0027	EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	789.61	131.97
		For 300 LB Rating, Add	*131.34*	
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	879.60	155.20
		For 300 LB Rating, Add	*142.22*	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,229.86	309.06
		For 300 LB Rating, Add	*153.09*	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,542.35	315.47
		For 300 LB Rating, Add	*228.26*	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,479.99	349.27
		For 300 LB Rating, Add	*195.49*	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,810.58	399.10
		For 300 LB Rating, Add	*253.39*	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,287.08	488.98
		For 300 LB Rating, Add	*327.77*	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,963.73	592.74
		For 300 LB Rating, Add	*444.58*	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,628.03	603.55
		For 300 LB Rating, Add	*605.17*	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,799.80	754.42
		For 300 LB Rating, Add	*822.65*	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	110.76	46.06
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	135.83	53.80
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	165.72	64.54
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	236.72	96.76
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	305.68	128.99
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	377.43	161.30

23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*

Note: Includes link seals 12" length.

23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	132.87	46.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	165.85	50.67
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	197.25	54.60
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	243.85	65.49
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	356.18	81.79
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	664.61	98.19
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	779.63	122.74
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,042.38	151.02
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,427.61	196.39
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,543.54	245.49

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	104.09	33.64
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	122.45	33.64
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	122.45	33.64

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	140.81	33.64
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	140.81	33.64
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	179.21	33.64
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	145.82	33.64
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	154.17	33.64
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	184.22	33.64

23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges. Socket connection for thermowell.

23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	140.81	33.64
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	140.81	33.64
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	179.21	33.64
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	162.52	33.64
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	179.21	33.64
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	183.47	33.64

23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*

23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	158.17	63.07
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	158.10	63.07

23 05 19 00-0023 Pressure Gauges *(23 05 19)*

23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	36.96	13.13
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	46.81	13.13

23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	196.23	13.13
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	196.23	13.13
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	253.94	13.13
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	593.83	13.13

23 05 19 00-0032 Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

Note: Liquid filled.

23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	135.03	13.13
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	308.93	13.13

23 05 19 00-0035 Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.11	13.13
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.11	13.13
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.11	13.13

23 05 19 00-0039 Gauge Accessories *(23 05 19 00-0023)*

23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	82.71	10.51
23 05 19 00-0041	EA	1/4" Snubber Valve	50.69	10.51
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	31.86	15.77
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	27.39	15.77
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	31.05	15.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	6.42	5.25
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	67.81	26.28
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	71.21	10.51
23 05 19 00-0048	EA	1/4" Black Steel Coupling	22.89	10.51
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	13.04	6.31
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	13.66	6.31
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.45	3.47
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	7.28	3.47
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	7.74	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	101.40	
23 05 19 00-0055		Valve Lock Covers *(23 05 19)*		
23 05 19 00-0056	EA	Valve Lock Cover	80.86	16.08
23 05 19 00-0057		Sight Flow Indicator *(23 05 19)*		
23 05 19 00-0058		Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	158.81	15.30
23 05 19 00-0060	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	165.84	16.10
23 05 19 00-0061	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	179.49	16.92
23 05 19 00-0062	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	199.96	22.80
23 05 19 00-0063	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	238.92	27.63
23 05 19 00-0064	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	269.97	34.98
23 05 19 00-0065	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	385.04	40.45
23 05 19 00-0066	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	425.82	47.81
23 05 19 00-0067		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0068	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	207.70	15.30
23 05 19 00-0069	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	213.65	16.10
23 05 19 00-0070	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	230.56	16.92
23 05 19 00-0071	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	243.42	22.80
23 05 19 00-0072	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	257.39	27.63
23 05 19 00-0073	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	277.57	34.98
23 05 19 00-0074	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	532.80	40.45
23 05 19 00-0075	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	569.23	47.81
23 05 19 00-0076		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0077	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	302.22	15.30
23 05 19 00-0078	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	319.04	16.10
23 05 19 00-0079	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	346.81	16.92
23 05 19 00-0080	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	375.98	22.80
23 05 19 00-0081	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	431.23	27.63
23 05 19 00-0082	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	454.67	34.98
23 05 19 00-0083	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	923.94	40.45
23 05 19 00-0084	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	971.24	47.81
23 05 19 00-0085		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0086	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	204.44	15.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0087	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	212.56	16.10
23 05 19 00-0088	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	225.12	16.92
23 05 19 00-0089	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	242.34	22.80
23 05 19 00-0090	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	256.30	27.63
23 05 19 00-0091	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	277.57	34.98
23 05 19 00-0092	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	526.28	40.45
23 05 19 00-0093	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	560.54	47.81
23 05 19 00-0094		**Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0095	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	300.05	15.30
23 05 19 00-0096	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	323.38	16.10
23 05 19 00-0097	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	353.33	16.92
23 05 19 00-0098	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	375.98	22.80
23 05 19 00-0099	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	431.23	27.63
23 05 19 00-0100	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	459.02	34.98
23 05 19 00-0101	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	923.94	40.45
23 05 19 00-0102	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	971.24	47.81
23 05 19 00-0103		**Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0104	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	439.92	27.63
23 05 19 00-0105	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	493.79	34.98
23 05 19 00-0106	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	561.05	40.45
23 05 19 00-0107	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	630.08	47.81
23 05 19 00-0108		**Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0109	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	966.71	110.32
23 05 19 00-0110	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,077.46	140.06
23 05 19 00-0111	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,592.80	164.50
23 05 19 00-0112	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,399.62	275.77
23 05 19 00-0113	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	3,900.84	334.12
23 05 19 00-0114		**Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0115	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	742.34	78.80
23 05 19 00-0116	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	876.93	91.93
23 05 19 00-0117	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	944.43	110.32
23 05 19 00-0118	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,183.39	140.06
23 05 19 00-0119	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,722.63	164.50
23 05 19 00-0120	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,540.32	275.77
23 05 19 00-0121		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0122		**Threaded, Brass, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0123	EA	3/4" Threaded, Brass, Venturi Flowmeter	275.06	71.48
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0124	EA	1" Threaded, Brass, Venturi Flowmeter	303.78	85.77
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0125	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	335.03	95.34
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0126	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	377.62	107.22
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0127	EA	2" Threaded, Brass, Venturi Flowmeter	449.55	122.57
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0128	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	615.79	170.04
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0129		**Butt Weld, Carbon Steel, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0130	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	1,145.96	147.30
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*297.98*	
23 05 19 00-0131	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	1,573.82	176.75
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*427.11*	
23 05 19 00-0132	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	2,059.51	220.93
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*566.17*	
23 05 19 00-0133	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	2,462.20	294.58
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*655.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0134	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	3,573.31	353.50
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,003.21*	
23 05 19 00-0135	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	5,793.39	441.88
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,718.38*	
23 05 19 00-0136	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	8,696.41	630.49
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,602.40*	
23 05 19 00-0137	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	12,221.61	945.75
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,615.54*	
23 05 19 00-0138	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	18,136.05	1,050.82
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*5,612.04*	

23 05 19 00-0139 Turbine Flowmeter *(23 05 19)*

23 05 19 00-0140	EA	Saddle Mount Turbine Flowmeter	801.24	78.84

23 05 19 00-0141 Water Flow Switches *(23 05 19)*

23 05 19 00-0142	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	269.84	30.98
23 05 19 00-0143	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	279.80	30.98
23 05 19 00-0144	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	363.83	30.98
23 05 19 00-0145	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	376.55	30.98
23 05 19 00-0146	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	292.52	30.98
23 05 19 00-0147	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	304.12	30.98
23 05 19 00-0148	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	386.50	30.98
23 05 19 00-0149	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	398.10	30.98
23 05 19 00-0150	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	771.78	30.98
23 05 19 00-0151	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	783.02	30.98
23 05 19 00-0152	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	889.84	30.98
23 05 19 00-0153	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	905.30	30.98
23 05 19 00-0154	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	798.48	30.98
23 05 19 00-0155	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	813.94	30.98
23 05 19 00-0156	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	916.54	30.98
23 05 19 00-0157	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	933.41	30.98

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

23 05 23 00-0001 Gate Valves *(23 05 23)*

23 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

23 05 23 00-0003	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	79.06	10.51
		For 150 LB Rating, Add	*4.85*	
		For 200 LB Rating, Add	*7.27*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0004	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	80.66	10.51
		For 150 LB Rating, Add	*4.85*	
		For 200 LB Rating, Add	*7.27*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0005	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	82.65	10.51
		For 150 LB Rating, Add	*4.88*	
		For 200 LB Rating, Add	*7.31*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0006	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	98.07	11.56
		For 150 LB Rating, Add	*5.24*	
		For 200 LB Rating, Add	*7.86*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0007	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	119.47	13.13
		For 150 LB Rating, Add	*6.42*	
		For 200 LB Rating, Add	*9.63*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	174.83	13.98
		For 150 LB Rating, Add	*10.48*	
		For 200 LB Rating, Add	*15.72*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	194.70	16.18
		For 150 LB Rating, Add	*11.39*	
		For 200 LB Rating, Add	*17.08*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0010	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	233.49	19.12
		For 150 LB Rating, Add	*13.80*	
		For 200 LB Rating, Add	*20.70*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	529.22	25.84
		For 150 LB Rating, Add	*40.02*	
		For 200 LB Rating, Add	*60.03*	
		For Chain Operated Type, Add	*180.09*	
		For Work In Restricted Working Space, Add	*38.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0012	EA	3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	621.12	29.99
		For 150 LB Rating, Add	*47.23*	
		For 200 LB Rating, Add	*70.84*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0013		Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(23 05 23 00-0001)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)		
23 05 23 00-0014	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	95.21	10.51
		For 150 LB Rating, Add	*6.46*	
		For 200 LB Rating, Add	*9.69*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0015	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	96.67	10.51
		For 150 LB Rating, Add	*6.45*	
		For 200 LB Rating, Add	*9.67*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0016	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	112.49	10.51
		For 150 LB Rating, Add	*7.86*	
		For 200 LB Rating, Add	*11.79*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0017	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	127.91	11.56
		For 150 LB Rating, Add	*8.22*	
		For 200 LB Rating, Add	*12.33*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0018	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	153.52	13.13
		For 150 LB Rating, Add	*9.82*	
		For 200 LB Rating, Add	*14.73*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0019	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	221.40	13.98
		For 150 LB Rating, Add	*15.14*	
		For 200 LB Rating, Add	*22.70*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0020	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	253.28	16.18
		For 150 LB Rating, Add	*17.25*	
		For 200 LB Rating, Add	*25.87*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0021	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	324.00	19.12
		For 150 LB Rating, Add	*22.85*	
		For 200 LB Rating, Add	*34.27*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0022		Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0023	EA	1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	61.40	10.51
		For 150 LB Rating, Add	*3.08*	
		For 200 LB Rating, Add	*4.62*	
		For 250 LB Rating, Add	*7.70*	
		For 300 LB Rating, Add	*10.78*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0024	EA	3/8" Diameter, 125 LB, Threaded Bronze Gate Valve	63.00	10.51
		For 150 LB Rating, Add	*3.08*	
		For 200 LB Rating, Add	*4.62*	
		For 250 LB Rating, Add	*7.70*	
		For 300 LB Rating, Add	*10.78*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0025	EA	1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	64.70	10.51
		For 150 LB Rating, Add	*3.08*	
		For 200 LB Rating, Add	*4.62*	
		For 250 LB Rating, Add	*7.70*	
		For 300 LB Rating, Add	*10.78*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0026	EA	3/4" Diameter, 125 LB, Threaded Bronze Gate Valve	82.43	11.56
		For 150 LB Rating, Add	*3.68*	
		For 200 LB Rating, Add	*5.51*	
		For 250 LB Rating, Add	*9.19*	
		For 300 LB Rating, Add	*12.86*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0027	EA	1" Diameter, 125 LB, Threaded Bronze Gate Valve	110.82	13.13
		For 150 LB Rating, Add	*5.55*	
		For 200 LB Rating, Add	*8.33*	
		For 250 LB Rating, Add	*13.88*	
		For 300 LB Rating, Add	*19.43*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0028	EA	1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	144.91	13.98
		For 150 LB Rating, Add	*7.49*	
		For 200 LB Rating, Add	*11.23*	
		For 250 LB Rating, Add	*18.72*	
		For 300 LB Rating, Add	*26.20*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0029	EA	1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	175.15	16.18
		For 150 LB Rating, Add	*9.43*	
		For 200 LB Rating, Add	*14.15*	
		For 250 LB Rating, Add	*23.58*	
		For 300 LB Rating, Add	*33.02*	
		For Work In Restricted Working Space, Add	*24.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0030	EA	2" Diameter, 125 LB, Threaded Bronze Gate Valve	224.40	19.12
		For 150 LB Rating, Add	*12.89*	
		For 200 LB Rating, Add	*19.33*	
		For 250 LB Rating, Add	*32.22*	
		For 300 LB Rating, Add	*45.11*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0031	EA	2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	496.60	25.84
		For 150 LB Rating, Add	*36.76*	
		For 200 LB Rating, Add	*55.14*	
		For 250 LB Rating, Add	*91.90*	
		For 300 LB Rating, Add	*128.65*	
		For Chain Operated Type, Add	*165.41*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0032	EA	3" Diameter, 125 LB, Threaded Bronze Gate Valve	588.26	29.99
		For 150 LB Rating, Add	*43.94*	
		For 200 LB Rating, Add	*65.91*	
		For 250 LB Rating, Add	*109.85*	
		For 300 LB Rating, Add	*153.79*	
		For Chain Operated Type, Add	*197.73*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0033	EA	4" Diameter, 125 LB, Threaded Bronze Gate Valve	1,216.10	33.86
		For 150 LB Rating, Add	*104.68*	
		For 200 LB Rating, Add	*157.01*	
		For 250 LB Rating, Add	*261.69*	
		For 300 LB Rating, Add	*366.37*	
		For Chain Operated Type, Add	*471.04*	
		For Work In Restricted Working Space, Add	*50.80*	

23 05 23 00-0034 200 PSI, Non Rising Stem, Crimped Bronze Gate Valves *(23 05 23 00-0001)*

Note: 200 psi cold working pressure.

23 05 23 00-0035	EA	1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	115.38	10.51
		For Work In Restricted Working Space, Add	*7.09*	
23 05 23 00-0036	EA	3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	129.93	11.56
		For Work In Restricted Working Space, Add	*8.08*	
23 05 23 00-0037	EA	1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	170.90	13.13
		For Work In Restricted Working Space, Add	*9.65*	
23 05 23 00-0038	EA	1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	233.37	13.98
		For Work In Restricted Working Space, Add	*10.64*	
23 05 23 00-0039	EA	1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	270.61	16.18
		For Work In Restricted Working Space, Add	*11.82*	
23 05 23 00-0040	EA	2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	372.78	19.12
		For Work In Restricted Working Space, Add	*14.18*	

23 05 23 00-0041 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0042	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	262.75	16.18
		For 150 LB Rating, Add	*36.39*	
		For 250 LB Rating, Add	*63.68*	
		For Chain Operated Type, Add	*63.68*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0043	EA	2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	402.94	19.12
		For 150 LB Rating, Add	*61.48*	
		For 250 LB Rating, Add	*107.60*	
		For Chain Operated Type, Add	*107.60*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0044	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	591.39	25.84
		For 150 LB Rating, Add	*92.47*	
		For 250 LB Rating, Add	*161.83*	
		For Chain Operated Type, Add	*161.83*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0045	EA	3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	755.52	29.99
		For 150 LB Rating, Add	*121.33*	
		For 250 LB Rating, Add	*212.33*	
		For Chain Operated Type, Add	*212.33*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0046	EA	4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,802.38	33.86
		For 150 LB Rating, Add	*326.61*	
		For 250 LB Rating, Add	*571.56*	
		For Chain Operated Type, Add	*571.56*	
		For Work In Restricted Working Space, Add	*50.80*	

23 05 23 00-0047 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0048	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	391.82	110.32
		For 150 LB Rating, Add	*73.54*	
		For 250 LB Rating, Add	*126.79*	
		For 300 LB Rating, ASTM A182, Add	*322.70*	
		For Chain Operated Type, Add	*126.79*	
		For Work In Restricted Working Space, Add	*41.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0049	EA	2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	440.32	140.06
		For 150 LB Rating, Add	*76.91*	
		For 250 LB Rating, Add	*132.60*	
		For 300 LB Rating, ASTM A182, Add	*352.76*	
		For Chain Operated Type, Add	*132.60*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0050	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	494.13	140.31
		For 150 LB Rating, Add	*92.28*	
		For 250 LB Rating, Add	*159.10*	
		For 300 LB Rating, ASTM A182, Add	*406.16*	
		For Chain Operated Type, Add	*159.10*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0051	EA	3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	603.59	164.50
		For 150 LB Rating, Add	*115.34*	
		For 250 LB Rating, Add	*198.86*	
		For 300 LB Rating, ASTM A182, Add	*500.65*	
		For Chain Operated Type, Add	*198.86*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0052	EA	4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	875.90	275.77
		For 150 LB Rating, Add	*153.79*	
		For 250 LB Rating, Add	*265.16*	
		For 300 LB Rating, ASTM A182, Add	*703.11*	
		For Chain Operated Type, Add	*265.16*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0053	EA	5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,064.65	300.70
		For 150 LB Rating, Add	*199.91*	
		For 250 LB Rating, Add	*344.67*	
		For 300 LB Rating, ASTM A182, Add	*877.00*	
		For Chain Operated Type, Add	*344.67*	
		For Work In Restricted Working Space, Add	*112.59*	
23 05 23 00-0054	EA	6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,267.48	334.12
		For 150 LB Rating, Add	*246.02*	
		For 250 LB Rating, Add	*424.17*	
		For 300 LB Rating, ASTM A182, Add	*1,057.91*	
		For Chain Operated Type, Add	*424.17*	
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0055	EA	8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,935.61	426.93
		For 150 LB Rating, Add	*407.53*	
		For 250 LB Rating, Add	*702.64*	
		For 300 LB Rating, ASTM A182, Add	*1,670.44*	
		For Chain Operated Type, Add	*702.64*	
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0056	EA	10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,505.55	519.74
		For 150 LB Rating, Add	*538.21*	
		For 250 LB Rating, Add	*927.94*	
		For 300 LB Rating, ASTM A182, Add	*2,180.72*	
		For Chain Operated Type, Add	*927.94*	
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0057	EA	12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,438.88	631.10
		For 150 LB Rating, Add	*768.91*	
		For 250 LB Rating, Add	*1,325.70*	
		For 300 LB Rating, ASTM A182, Add	*3,045.14*	
		For Chain Operated Type, Add	*1,325.70*	
		For Work In Restricted Working Space, Add	*236.24*	

23 05 23 00-0058 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0059	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	526.79	16.18
		For 175 LB Rating, Add	*222.99*	
		For 250 LB Rating, Add	*334.48*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0060	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	672.04	19.12
		For 175 LB Rating, Add	*288.26*	
		For 250 LB Rating, Add	*432.39*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0061	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	779.12	25.84
		For 175 LB Rating, Add	*325.05*	
		For 250 LB Rating, Add	*487.58*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0062	EA	3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	866.19	29.99
		For 175 LB Rating, Add	*358.66*	
		For 250 LB Rating, Add	*537.99*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0063	EA	4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,159.86	33.86
		For 175 LB Rating, Add	*495.26*	
		For 250 LB Rating, Add	*742.89*	
		For Work In Restricted Working Space, Add	*50.80*	

23 05 23 00-0064 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0065	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	503.80	110.32
		For 150 LB Rating, Add	*54.83*	
		For 175 LB Rating, Add	*113.32*	
		For 250 LB Rating, Add	*237.61*	
		For Chain Operated Type, Add	*182.78*	
		For Work In Restricted Working Space, Add	*41.48*	
23 05 23 00-0066	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	551.52	140.06
		For 150 LB Rating, Add	*56.46*	
		For 175 LB Rating, Add	*116.68*	
		For 250 LB Rating, Add	*244.66*	
		For Chain Operated Type, Add	*188.20*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0067	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	564.68	140.31
		For 150 LB Rating, Add	*58.30*	
		For 175 LB Rating, Add	*120.49*	
		For 250 LB Rating, Add	*252.65*	
		For Chain Operated Type, Add	*194.35*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0068	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	633.54	164.50
		For 150 LB Rating, Add	*64.15*	
		For 175 LB Rating, Add	*132.57*	
		For 250 LB Rating, Add	*277.98*	
		For Chain Operated Type, Add	*213.83*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0069	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	864.23	275.77
		For 150 LB Rating, Add	*77.80*	
		For 175 LB Rating, Add	*160.78*	
		For 250 LB Rating, Add	*337.12*	
		For Chain Operated Type, Add	*259.32*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0070	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,098.93	300.70
		For 150 LB Rating, Add	*108.54*	
		For 175 LB Rating, Add	*224.32*	
		For 250 LB Rating, Add	*470.35*	
		For Chain Operated Type, Add	*361.81*	
		For Work In Restricted Working Space, Add	*112.59*	
23 05 23 00-0071	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,245.55	334.12
		For 150 LB Rating, Add	*123.96*	
		For 175 LB Rating, Add	*256.18*	
		For 250 LB Rating, Add	*537.16*	
		For Chain Operated Type, Add	*413.20*	
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0072	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,928.01	426.93
		For 150 LB Rating, Add	*209.65*	
		For 175 LB Rating, Add	*433.28*	
		For 250 LB Rating, Add	*908.49*	
		For Chain Operated Type, Add	*698.84*	
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0073	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,800.68	519.74
		For 150 LB Rating, Add	*322.65*	
		For 175 LB Rating, Add	*666.81*	
		For 250 LB Rating, Add	*1,398.16*	
		For Chain Operated Type, Add	*1,075.51*	
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0074	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,513.71	631.10
		For 150 LB Rating, Add	*408.93*	
		For 175 LB Rating, Add	*845.13*	
		For 250 LB Rating, Add	*1,772.05*	
		For Chain Operated Type, Add	*1,363.12*	
		For Work In Restricted Working Space, Add	*236.24*	
23 05 23 00-0075	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	6,948.13	907.57
		For 150 LB Rating, Add	*872.05*	
		For 175 LB Rating, Add	*1,802.23*	
		For 250 LB Rating, Add	*3,778.88*	
		For Work In Restricted Working Space, Add	*340.34*	
23 05 23 00-0076	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	8,980.67	998.34
		For 150 LB Rating, Add	*1,159.91*	
		For 175 LB Rating, Add	*2,397.15*	
		For 250 LB Rating, Add	*5,026.29*	
		For Work In Restricted Working Space, Add	*374.38*	
23 05 23 00-0077	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	12,210.04	1,107.24
		For 150 LB Rating, Add	*1,623.90*	
		For 175 LB Rating, Add	*3,356.06*	
		For 250 LB Rating, Add	*7,036.89*	
		For Work In Restricted Working Space, Add	*415.22*	
23 05 23 00-0078	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	15,476.90	1,247.92
		For 150 LB Rating, Add	*2,087.55*	
		For 175 LB Rating, Add	*4,314.27*	
		For 250 LB Rating, Add	*9,046.05*	
		For Work In Restricted Working Space, Add	*467.97*	
23 05 23 00-0079	EA	24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	21,113.22	1,531.54
		For 150 LB Rating, Add	*2,879.82*	
		For 175 LB Rating, Add	*5,951.63*	
		For 250 LB Rating, Add	*12,479.22*	
		For Work In Restricted Working Space, Add	*574.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0080	EA	30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	43,917.25	2,495.84
		For 150 LB Rating, Add	*6,119.62*	
		For 175 LB Rating, Add	*12,647.21*	
		For 250 LB Rating, Add	*26,518.34*	
		For Work In Restricted Working Space, Add	*935.94*	
23 05 23 00-0081	EA	36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	55,996.49	3,327.79
		For 150 LB Rating, Add	*7,775.51*	
		For 175 LB Rating, Add	*16,069.40*	
		For 250 LB Rating, Add	*33,693.89*	
		For Work In Restricted Working Space, Add	*1,247.92*	
23 05 23 00-0082	EA	42" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	65,747.25	4,216.83
		For 150 LB Rating, Add	*9,071.43*	
		For 175 LB Rating, Add	*18,747.63*	
		For 250 LB Rating, Add	*39,309.54*	
		For Work In Restricted Working Space, Add	*1,581.31*	
23 05 23 00-0083	EA	48" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	79,117.60	5,271.03
		For 150 LB Rating, Add	*10,879.32*	
		For 175 LB Rating, Add	*22,483.93*	
		For 250 LB Rating, Add	*47,143.72*	
		For Work In Restricted Working Space, Add	*1,976.64*	
23 05 23 00-0084	EA	54" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	94,941.12	6,325.25
		For 150 LB Rating, Add	*13,055.18*	
		For 175 LB Rating, Add	*26,980.71*	
		For 250 LB Rating, Add	*56,572.46*	
		For Work In Restricted Working Space, Add	*2,371.97*	

23 05 23 00-0085 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 psig at 850 degrees F.

23 05 23 00-0086	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	158.41	10.51
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0087	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	161.71	10.51
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0088	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	190.64	11.56
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0089	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	231.43	13.13
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0090	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	354.23	13.98
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0091	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	419.05	16.18
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0092	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	527.27	19.12
		For Work In Restricted Working Space, Add	*28.66*	

23 05 23 00-0093 Ball Valves *(23 05 23)*

23 05 23 00-0094 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0093)*

Note: 125 LB WSP.

23 05 23 00-0095	EA	1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	46.33	10.51
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*5.59*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0096	EA	3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	64.79	11.56
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*8.60*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0097	EA	1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	81.09	13.13
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*11.61*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0098	EA	1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	113.36	13.98
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*19.49*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0099	EA	1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	136.14	16.18
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*24.89*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0100	EA	2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	164.81	19.12
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*31.18*	
		For Work In Restricted Working Space, Add	*28.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0101	EA	2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	456.02	25.84
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*147.15*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0102	EA	3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	526.16	29.99
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*169.78*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0103	EA	4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	683.72	33.86
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*231.47*	
		For Work In Restricted Working Space, Add	*50.80*	

23 05 23 00-0104 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0093)*

23 05 23 00-0105	EA	1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	54.38	10.51
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0106	EA	1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	59.71	10.51
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0107	EA	3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	83.01	11.56
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0108	EA	1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	105.50	13.13
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0109	EA	1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	155.85	13.98
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0110	EA	1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	189.51	16.18
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0111	EA	2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	245.18	19.12
		For Work In Restricted Working Space, Add	*28.66*	

23 05 23 00-0112 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0093)*

23 05 23 00-0113	EA	1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	328.64	110.32
		For 150 LB Rating, Add	*55.21*	
		For 250 LB Rating, Add	*95.20*	
		For 300 LB Rating, ASTM A182, Add	*259.52*	
		For Chain Operated Type, Add	*95.20*	
		For Work In Restricted Working Space, Add	*41.48*	
		For Work In Restricted Working Space, Add	*41.48*	
23 05 23 00-0114	EA	2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	411.31	140.06
		For 150 LB Rating, Add	*68.50*	
		For 250 LB Rating, Add	*118.10*	
		For 300 LB Rating, ASTM A182, Add	*323.75*	
		For Chain Operated Type, Add	*118.10*	
		For Work In Restricted Working Space, Add	*52.54*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0115	EA	2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	607.40	140.31
		For 150 LB Rating, Add	*125.12*	
		For 250 LB Rating, Add	*215.73*	
		For 300 LB Rating, ASTM A182, Add	*519.43*	
		For Chain Operated Type, Add	*215.73*	
		For Work In Restricted Working Space, Add	*52.78*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0116	EA	3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	672.38	164.50
		For 150 LB Rating, Add	*135.29*	
		For 250 LB Rating, Add	*233.25*	
		For 300 LB Rating, ASTM A182, Add	*569.44*	
		For Chain Operated Type, Add	*233.25*	
		For Work In Restricted Working Space, Add	*61.76*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0117	EA	4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,000.84	275.77
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0118	EA	6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	2,195.75	334.12
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0119	EA	8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	3,682.54	426.93
		For Work In Restricted Working Space, Add	*159.10*	

23 05 28 00-0120 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves *(23 05 23 00-0093)*

23 05 23 00-0121	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	39.02	10.51
		For True Union Socket Or Thread Type, Add	*3.83*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0122	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	51.58	11.56
		For True Union Socket Or Thread Type, Add	*4.76*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0123	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	63.51	13.13
		For True Union Socket Or Thread Type, Add	*6.19*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0124	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	80.84	13.98
		For True Union Socket Or Thread Type, Add	*7.99*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0125	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	99.59	16.18
		For True Union Socket Or Thread Type, Add	*11.75*	
		For Work In Restricted Working Space, Add	*24.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0126	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	119.44	19.12
		For True Union Socket Or Thread Type, Add	*14.58*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0127	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	180.49	25.84
		For True Union Socket Or Thread Type, Add	*27.36*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0128	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	236.39	29.99
		For True Union Socket Or Thread Type, Add	*42.82*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0129	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	336.68	33.86
		For True Union Socket Or Thread Type, Add	*75.83*	
		For Work In Restricted Working Space, Add	*50.80*	
23 05 23 00-0130		Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0093)*		
23 05 23 00-0131	EA	1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	83.27	15.76
		For Full Port, Add	*16.82*	
		For Work In Restricted Working Space, Add	*13.77*	
23 05 23 00-0132	EA	3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	85.68	15.76
		For Full Port, Add	*16.82*	
		For Work In Restricted Working Space, Add	*14.49*	
23 05 23 00-0133	EA	1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	88.21	15.76
		For Full Port, Add	*16.82*	
		For Work In Restricted Working Space, Add	*15.25*	
23 05 23 00-0134	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	108.15	17.34
		For Full Port, Add	*17.83*	
		For Work In Restricted Working Space, Add	*20.56*	
23 05 23 00-0135	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	141.65	19.70
		For Full Port, Add	*26.41*	
		For Work In Restricted Working Space, Add	*24.89*	
23 05 23 00-0136	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	185.40	20.96
		For Full Port, Add	*36.15*	
		For Work In Restricted Working Space, Add	*31.52*	
23 05 23 00-0137	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	228.04	24.27
		For Full Port, Add	*48.06*	
		For Work In Restricted Working Space, Add	*36.37*	
23 05 23 00-0138	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	317.10	28.69
		For Full Port, Add	*78.22*	
		For Work In Restricted Working Space, Add	*42.98*	
23 05 23 00-0139	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	615.37	38.75
		For Full Port, Add	*189.83*	
		For Work In Restricted Working Space, Add	*58.06*	
23 05 23 00-0140	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	893.17	44.99
		For Full Port, Add	*301.44*	
		For Work In Restricted Working Space, Add	*66.99*	
23 05 23 00-0141		Wye Strainer, Union With Two Pressure Ports, Ball Valves *(23 05 23 00-0093)*		
23 05 23 00-0142	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	164.61	10.51
23 05 23 00-0143	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	210.98	13.66
23 05 23 00-0144	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	272.19	16.81
23 05 23 00-0145	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	371.91	23.11
23 05 23 00-0146	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	465.68	26.90
23 05 23 00-0147	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	615.48	31.52
23 05 23 00-0148		Crimped Bronze, Ball Valves *(23 05 23 00-0093)*		
23 05 23 00-0149		Crimped Bronze, 250 PSI, Ball Valves *(23 05 23 00-0148)*		
		Note: Nibco®		
23 05 23 00-0150	EA	1/2" Crimped Bronze, 250 PSI, Ball Valve	79.05	10.51
		For Work In Restricted Working Space, Add	*7.09*	
23 05 23 00-0151	EA	3/4" Crimped Bronze, 250 PSI, Ball Valve	102.43	11.56
		For Work In Restricted Working Space, Add	*8.08*	
23 05 23 00-0152	EA	1" Crimped Bronze, 250 PSI, Ball Valve	131.57	13.13
		For Work In Restricted Working Space, Add	*9.65*	
23 05 23 00-0153	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve	213.22	13.98
		For Work In Restricted Working Space, Add	*10.64*	
23 05 23 00-0154	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve	282.12	16.18
		For Work In Restricted Working Space, Add	*11.82*	
23 05 23 00-0155	EA	2" Crimped Bronze, 250 PSI, Ball Valve	425.69	19.12
		For Work In Restricted Working Space, Add	*14.18*	
23 05 23 00-0156		Crimped Bronze, 200 PSI, Full Port Ball Valves *(23 05 23 00-0148)*		
23 05 23 00-0157	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	49.53	10.51
23 05 23 00-0158	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	63.31	11.56
23 05 23 00-0159	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	76.97	13.13
23 05 23 00-0160	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	108.24	13.98
23 05 23 00-0161	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	140.17	16.18
23 05 23 00-0162	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	208.24	19.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0163		Crimped Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0148)*		
23 05 23 00-0164	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	57.23	10.51
23 05 23 00-0165	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	68.91	11.56
23 05 23 00-0166	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	85.93	13.13
23 05 23 00-0167	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	136.23	13.98
23 05 23 00-0168	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	200.36	16.18
23 05 23 00-0169	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	278.21	19.12
23 05 23 00-0170		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0148)*		
23 05 23 00-0171	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	55.13	10.51
23 05 23 00-0172	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	66.95	11.56
23 05 23 00-0173	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	81.44	13.13
23 05 23 00-0174		Globe Valves *(23 05 23)*		
23 05 23 00-0175		Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0174)*		
23 05 23 00-0176	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	68.96	10.51
		For 150 LB Rating, Add	*10.87*	
		For 200 LB Rating, Add	*13.32*	
		For 250 LB Rating, Add	*15.78*	
		For 300 LB Rating, Add	*19.28*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0177	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	65.66	10.51
		For 150 LB Rating, Add	*10.87*	
		For 200 LB Rating, Add	*13.32*	
		For 250 LB Rating, Add	*15.78*	
		For 300 LB Rating, Add	*19.28*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0178	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	84.54	10.51
		For 150 LB Rating, Add	*16.23*	
		For 200 LB Rating, Add	*19.89*	
		For 250 LB Rating, Add	*23.55*	
		For 300 LB Rating, Add	*28.79*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0179	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	86.24	10.51
		For 150 LB Rating, Add	*16.23*	
		For 200 LB Rating, Add	*19.89*	
		For 250 LB Rating, Add	*23.55*	
		For 300 LB Rating, Add	*28.79*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*71.13*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0180	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	102.41	11.03
		For 150 LB Rating, Add	*17.59*	
		For 200 LB Rating, Add	*21.56*	
		For 250 LB Rating, Add	*25.53*	
		For 300 LB Rating, Add	*31.20*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*80.68*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0181	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	131.98	11.03
		For 150 LB Rating, Add	*23.77*	
		For 200 LB Rating, Add	*29.14*	
		For 250 LB Rating, Add	*34.51*	
		For 300 LB Rating, Add	*42.17*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*106.47*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0182	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	202.48	13.98
		For 150 LB Rating, Add	*41.05*	
		For 200 LB Rating, Add	*50.32*	
		For 250 LB Rating, Add	*59.59*	
		For 300 LB Rating, Add	*72.84*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*173.69*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0183	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	270.09	16.18
		For 150 LB Rating, Add	*58.67*	
		For 200 LB Rating, Add	*71.92*	
		For 250 LB Rating, Add	*85.17*	
		For 300 LB Rating, Add	*104.10*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*240.53*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0184	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	318.02	19.12
		For 150 LB Rating, Add	*68.98*	
		For 200 LB Rating, Add	*84.55*	
		For 250 LB Rating, Add	*100.13*	
		For 300 LB Rating, Add	*122.38*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*282.96*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0185	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	353.35	25.84
		For 150 LB Rating, Add	*69.54*	
		For 200 LB Rating, Add	*85.25*	
		For 250 LB Rating, Add	*100.95*	
		For 300 LB Rating, Add	*123.38*	
		For Work In Restricted Working Space, Add	*38.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0186	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	651.46	29.99
		For 150 LB Rating, Add	*155.80*	
		For 200 LB Rating, Add	*190.98*	
		For 250 LB Rating, Add	*226.17*	
		For 300 LB Rating, Add	*276.42*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0187		Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0174)*		
23 05 23 00-0188	EA	2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	486.44	19.12
		For 150 LB Rating, Add	*121.19*	
		For 200 LB Rating, Add	*148.55*	
		For 250 LB Rating, Add	*175.91*	
		For 300 LB Rating, Add	*215.01*	
		For Chain Operated Type, Add	*326.42*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0189	EA	2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	602.86	25.84
		For 150 LB Rating, Add	*146.89*	
		For 200 LB Rating, Add	*180.06*	
		For 250 LB Rating, Add	*213.23*	
		For 300 LB Rating, Add	*260.61*	
		For Chain Operated Type, Add	*395.66*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0190	EA	3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	717.48	29.99
		For 150 LB Rating, Add	*176.27*	
		For 200 LB Rating, Add	*216.07*	
		For 250 LB Rating, Add	*255.87*	
		For 300 LB Rating, Add	*312.74*	
		For Chain Operated Type, Add	*474.79*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0191	EA	4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	927.44	33.86
		For 150 LB Rating, Add	*235.03*	
		For 200 LB Rating, Add	*288.10*	
		For 250 LB Rating, Add	*341.17*	
		For 300 LB Rating, Add	*416.98*	
		For Chain Operated Type, Add	*633.06*	
		For Work In Restricted Working Space, Add	*50.79*	
23 05 23 00-0192		Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0174)*		
23 05 23 00-0193	EA	2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	392.36	140.06
		For 150 LB Rating, Add	*67.34*	
		For 250 LB Rating, Add	*97.76*	
		For Chain Operated Type, Add	*108.62*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0194	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	440.77	140.31
		For 150 LB Rating, Add	*82.10*	
		For 250 LB Rating, Add	*119.17*	
		For Chain Operated Type, Add	*132.42*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0195	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	523.67	164.50
		For 150 LB Rating, Add	*98.51*	
		For 250 LB Rating, Add	*143.01*	
		For Chain Operated Type, Add	*158.90*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0196	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	769.31	275.77
		For 150 LB Rating, Add	*131.35*	
		For 250 LB Rating, Add	*190.67*	
		For Chain Operated Type, Add	*211.86*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0197	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	964.55	300.70
		For 150 LB Rating, Add	*182.66*	
		For 250 LB Rating, Add	*265.16*	
		For Chain Operated Type, Add	*294.62*	
		For Work In Restricted Working Space, Add	*112.59*	
23 05 23 00-0198	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,163.98	334.12
		For 150 LB Rating, Add	*230.90*	
		For 250 LB Rating, Add	*335.17*	
		For Chain Operated Type, Add	*372.42*	
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0199	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,675.72	426.93
		For 150 LB Rating, Add	*355.07*	
		For 250 LB Rating, Add	*515.42*	
		For Chain Operated Type, Add	*572.69*	
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0200	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,394.22	519.74
		For 150 LB Rating, Add	*540.81*	
		For 250 LB Rating, Add	*785.05*	
		For Chain Operated Type, Add	*872.28*	
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0201	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	4,088.64	631.10
		For 150 LB Rating, Add	*1,023.36*	
		For 250 LB Rating, Add	*1,485.52*	
		For Chain Operated Type, Add	*1,650.58*	
		For Work In Restricted Working Space, Add	*236.24*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0202		Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves *(23 05 23 00-0174)*		
23 05 23 00-0203	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	60.46	10.51
		For 150 LB Rating, Add	*8.23*	
		For 200 LB Rating, Add	*10.09*	
		For 300 LB Rating, Add	*14.61*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0204	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	57.16	10.51
		For 150 LB Rating, Add	*8.23*	
		For 200 LB Rating, Add	*10.09*	
		For 300 LB Rating, Add	*14.61*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0205	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	58.76	10.51
		For 150 LB Rating, Add	*8.23*	
		For 200 LB Rating, Add	*10.09*	
		For 300 LB Rating, Add	*14.61*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0206	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	62.23	10.51
		For 150 LB Rating, Add	*8.78*	
		For 200 LB Rating, Add	*10.77*	
		For 300 LB Rating, Add	*15.58*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0207	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	84.97	11.03
		For 150 LB Rating, Add	*12.18*	
		For 200 LB Rating, Add	*14.93*	
		For 300 LB Rating, Add	*21.61*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0208	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	106.85	11.03
		For 150 LB Rating, Add	*15.98*	
		For 200 LB Rating, Add	*19.59*	
		For 300 LB Rating, Add	*28.35*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0209	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	146.63	13.98
		For 150 LB Rating, Add	*23.74*	
		For 200 LB Rating, Add	*29.10*	
		For 300 LB Rating, Add	*42.12*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0210	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	170.11	16.18
		For 150 LB Rating, Add	*27.68*	
		For 200 LB Rating, Add	*33.93*	
		For 300 LB Rating, Add	*49.11*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0211	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	230.00	19.12
		For 150 LB Rating, Add	*41.69*	
		For 200 LB Rating, Add	*51.10*	
		For 300 LB Rating, Add	*73.96*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0212	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	382.68	28.05
		For 150 LB Rating, Add	*75.20*	
		For 200 LB Rating, Add	*92.18*	
		For 300 LB Rating, Add	*133.42*	
		For Work In Restricted Working Space, Add	*42.03*	
23 05 23 00-0213	EA	3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	572.47	32.58
		For 150 LB Rating, Add	*127.35*	
		For 200 LB Rating, Add	*156.11*	
		For 300 LB Rating, Add	*225.95*	
		For Work In Restricted Working Space, Add	*48.50*	
23 05 23 00-0214		Flanged, 125 LB, Iron Body, Angle Globe Valves *(23 05 23 00-0174)*		
23 05 23 00-0215	EA	2" Flanged, 125 LB, Iron Body, Angle Globe Valve	734.04	140.06
		For 250 LB Rating, Add	*335.35*	
		For Chain Operated Type, Add	*217.98*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0216	EA	2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	836.96	140.31
		For 250 LB Rating, Add	*396.61*	
		For Chain Operated Type, Add	*257.80*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0217	EA	3" Flanged, 125 LB, Iron Body, Angle Globe Valve	984.85	164.50
		For 250 LB Rating, Add	*467.38*	
		For Chain Operated Type, Add	*303.80*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0218	EA	4" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,458.18	275.77
		For 250 LB Rating, Add	*667.55*	
		For Chain Operated Type, Add	*433.91*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0219	EA	5" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,369.27	300.70
		For 250 LB Rating, Add	*1,196.38*	
		For Chain Operated Type, Add	*777.64*	
		For Work In Restricted Working Space, Add	*112.59*	
23 05 23 00-0220	EA	6" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,413.11	334.12
		For 250 LB Rating, Add	*1,196.38*	
		For Chain Operated Type, Add	*777.64*	
		For Work In Restricted Working Space, Add	*125.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0221	EA	8" Flanged, 125 LB, Iron Body, Angle Globe Valve	4,432.92	426.93
		For 250 LB Rating, Add	*2,341.55*	
		For Chain Operated Type, Add	*1,522.01*	
		For Work In Restricted Working Space, Add	*159.10*	

23 05 23 00-0222 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0174)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0223	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	200.49	17.02
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0224	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	203.79	17.02
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0225	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	238.96	22.90
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0226	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	295.34	27.63
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0227	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	481.54	34.98
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0228	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	578.04	40.45
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0229	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	786.13	47.81
		For Work In Restricted Working Space, Add	*28.66*	

23 05 23 00-0230 Triple Duty Valves *(23 05 23)*

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

23 05 23 00-0231 Straight Pattern, Triple Duty Valves *(23 05 23 00-0230)*

Note: Bell & Gossett 3DX and 3DS-S Series.

23 05 23 00-0232	EA	1" Threaded, Straight Pattern, Triple Duty Valve	301.13	11.03
23 05 23 00-0233	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	348.32	13.98
23 05 23 00-0234	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	377.69	16.18
23 05 23 00-0235	EA	2" Flanged, Straight Pattern, Triple Duty Valve	982.30	140.06
23 05 23 00-0236	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	1,108.37	140.31
23 05 23 00-0237	EA	3" Flanged, Straight Pattern, Triple Duty Valve	1,212.53	164.50
23 05 23 00-0238	EA	4" Flanged, Straight Pattern, Triple Duty Valve	2,488.79	275.77
23 05 23 00-0239	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,903.54	300.70
23 05 23 00-0240	EA	6" Flanged, Straight Pattern, Triple Duty Valve	3,870.54	334.12
23 05 23 00-0241	EA	8" Flanged, Straight Pattern, Triple Duty Valve	5,215.69	426.93
23 05 23 00-0242	EA	10" Flanged, Straight Pattern, Triple Duty Valve	8,387.46	519.74

23 05 23 00-0243 Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0230)*

Note: Bell & Gossett 3D-S Series.

23 05 23 00-0244	EA	2" Flanged, Angle Pattern, Triple Duty Valve	959.10	140.06
23 05 23 00-0245	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	1,080.54	140.31
23 05 23 00-0246	EA	3" Flanged, Angle Pattern, Triple Duty Valve	1,189.34	164.50
23 05 23 00-0247	EA	4" Flanged, Angle Pattern, Triple Duty Valve	2,428.48	275.77
23 05 23 00-0248	EA	5" Flanged, Angle Pattern, Triple Duty Valve	2,829.32	300.70
23 05 23 00-0249	EA	6" Flanged, Angle Pattern, Triple Duty Valve	3,174.69	334.12
23 05 23 00-0250	EA	8" Flanged, Angle Pattern, Triple Duty Valve	4,886.32	426.93
23 05 23 00-0251	EA	10" Flanged, Angle Pattern, Triple Duty Valve	6,536.51	519.74

23 05 23 00-0252 Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0230)*

Note: Bell & Gossett 3DS-B Series.

23 05 23 00-0253	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,110.48	164.50
23 05 23 00-0254	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,219.73	275.77
23 05 23 00-0255	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,592.73	300.70
23 05 23 00-0256	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,448.39	334.12
23 05 23 00-0257	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,640.46	426.93
23 05 23 00-0258	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,427.19	519.74
23 05 23 00-0259	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,197.43	631.10
23 05 23 00-0260	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	13,612.76	742.48
23 05 23 00-0261	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	17,068.01	816.73

23 05 23 00-0262 Grooved Straight Pattern, Triple Duty Valves *(23 05 23 00-0230)*

Note: Bell & Gossett 3DS-G Series.

23 05 23 00-0263	EA	2" Grooved, Straight Pattern, Triple Duty Valve	1,058.92	25.96
23 05 23 00-0264	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	1,262.15	30.96
23 05 23 00-0265	EA	3" Grooved, Straight Pattern, Triple Duty Valve	1,469.84	33.58
23 05 23 00-0266	EA	4" Grooved, Straight Pattern, Triple Duty Valve	2,443.73	36.19
23 05 23 00-0267	EA	5" Grooved, Straight Pattern, Triple Duty Valve	2,830.72	47.33
23 05 23 00-0268	EA	6" Grooved, Straight Pattern Triple Duty Valve	3,774.28	60.70
23 05 23 00-0269	EA	8" Grooved, Straight Pattern Triple Duty Valve	5,134.43	77.03
23 05 23 00-0270	EA	10" Grooved, Straight Pattern Triple Duty Valve	8,108.95	86.31
23 05 23 00-0271	EA	12" Grooved, Straight Pattern Triple Duty Valve	12,881.09	105.24

23 05 23 00-0272 Plug Valves *(23 05 23)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0273		Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated *(23 05 23 00-0272)*		
		Note: Includes wrench.		
23 05 23 00-0274	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	282.40	10.51
23 05 23 00-0275	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	294.18	11.56
23 05 23 00-0276	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	372.27	13.13
23 05 23 00-0277	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	445.34	13.98
23 05 23 00-0278	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	489.08	16.18
23 05 23 00-0279	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	577.31	19.12
23 05 23 00-0280	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	866.92	25.84
23 05 23 00-0281	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,061.74	29.99
23 05 23 00-0282		Plug Valves, Lubricated, Semisteel Flanged *(23 05 23 00-0272)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0283	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	407.11	140.06
23 05 23 00-0284	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	481.52	140.31
23 05 23 00-0285	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	589.86	164.50
23 05 23 00-0286	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	865.56	275.77
23 05 23 00-0287	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,806.26	334.12
23 05 23 00-0288	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,029.38	426.93
23 05 23 00-0289	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	4,814.21	519.74
23 05 23 00-0290	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	7,108.68	631.10
23 05 23 00-0291		Plug Valves, Forged Steel, Screwed *(23 05 23 00-0272)*		
23 05 23 00-0292	EA	1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,096.84	10.51
23 05 23 00-0293	EA	3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,295.38	11.56
23 05 23 00-0294	EA	1" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,464.10	13.13
23 05 23 00-0295	EA	1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,756.31	13.98
23 05 23 00-0296	EA	1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,045.30	16.18
23 05 23 00-0297	EA	2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,691.77	19.12
23 05 23 00-0298		Plug Valves, Eccentric, Cast Iron Flanged *(23 05 23 00-0272)*		
23 05 23 00-0299	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,075.44	275.77
23 05 23 00-0300	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,670.67	334.12
23 05 23 00-0301	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,274.82	426.93
23 05 23 00-0302	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,231.69	519.74
23 05 23 00-0303	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,175.91	631.10
23 05 23 00-0304		Foot Valves *(23 05 23)*		
23 05 23 00-0305		Single Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0304)*		
23 05 23 00-0306	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	89.33	26.28
23 05 23 00-0307	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	101.72	29.43
23 05 23 00-0308	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	131.25	33.64
23 05 23 00-0309	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	173.75	37.84
23 05 23 00-0310	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	400.61	62.01
23 05 23 00-0311	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	512.95	75.68
23 05 23 00-0312		Double Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0304)*		
23 05 23 00-0313	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	89.33	26.28
23 05 23 00-0314	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	196.20	29.43
23 05 23 00-0315	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	185.75	33.64
23 05 23 00-0316	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	253.66	37.84
23 05 23 00-0317	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	499.68	62.01
23 05 23 00-0318	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	681.05	74.64
23 05 23 00-0319		Float Valves *(23 05 23)*		
23 05 23 00-0320		Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0319)*		
23 05 23 00-0321		Single Seat, Bronze Construction *(23 05 23 00-0320)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0322	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	214.95	22.07
23 05 23 00-0323	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	246.21	26.27
23 05 23 00-0324	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	320.63	28.37
23 05 23 00-0325	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	537.09	35.72
23 05 23 00-0326	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	547.60	40.98
23 05 23 00-0327		Double Seat, Bronze Construction *(23 05 23 00-0320)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0328	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	1,171.30	22.07
23 05 23 00-0329	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	1,179.71	26.27
23 05 23 00-0330	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	1,362.19	28.37
23 05 23 00-0331	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,504.98	35.72
23 05 23 00-0332	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,720.43	40.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0333	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,257.74	48.33
23 05 23 00-0334	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,623.86	64.83
23 05 23 00-0335	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	3,156.52	74.51
23 05 23 00-0336		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0319)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0337		Brass Body Threaded Ends *(23 05 23 00-0336)*		
23 05 23 00-0338	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	224.04	28.47
23 05 23 00-0339	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	253.40	31.63
23 05 23 00-0340	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	314.79	34.98
23 05 23 00-0341	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	503.03	56.53
23 05 23 00-0342	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	525.71	64.41
23 05 23 00-0343	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	590.34	79.85
23 05 23 00-0344		Cast Iron Body Flanged *(23 05 23 00-0336)*		
23 05 23 00-0345	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	7,379.08	140.31
23 05 23 00-0346	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	8,923.06	164.50
23 05 23 00-0347		Float Operated Valves *(23 05 23 00-0319)*		
23 05 23 00-0348		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0347)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0349	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	815.82	49.38
23 05 23 00-0350		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0347)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0351	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,022.02	91.92
23 05 23 00-0352		Needle Valves *(23 05 23)*		
23 05 23 00-0353		Bronze Needle Valve *(23 05 23 00-0352)*		
		Note: For heating and cooling applications.		
23 05 23 00-0354	EA	1/4" Needle Valve, Bronze	111.35	10.51
23 05 23 00-0355	EA	3/8" Needle Valve, Bronze	124.32	10.51
23 05 23 00-0356	EA	1/2" Needle Valve, Bronze	136.11	10.51
23 05 23 00-0357	EA	3/4" Needle Valve, Bronze	207.12	11.56
23 05 23 00-0358	EA	1" Needle Valve, Bronze	318.65	13.13
23 05 23 00-0359		Eccentric Valves With Taps *(23 05 23)*		
23 05 23 00-0360		Screwed Eccentric Valves With Taps *(23 05 23 00-0359)*		
23 05 23 00-0361	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	217.46	10.51
23 05 23 00-0362	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	232.06	11.56
23 05 23 00-0363	EA	1" Diameter Eccentric Valves With Taps, Screwed	292.52	13.13
23 05 23 00-0364	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	355.27	13.98
23 05 23 00-0365	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	388.64	16.18
23 05 23 00-0366	EA	2" Diameter Eccentric Valves With Taps, Screwed	456.99	19.12
23 05 23 00-0367	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	688.17	25.84
23 05 23 00-0368	EA	3" Diameter Eccentric Valves With Taps, Screwed	835.10	29.99
23 05 23 00-0369		Flanged Eccentric Valves With Taps *(23 05 23 00-0359)*		
23 05 23 00-0370	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	839.58	140.31
23 05 23 00-0371	EA	3" Diameter Eccentric Valves With Taps, Flanged	996.60	164.50
23 05 23 00-0372	EA	4" Diameter Eccentric Valves With Taps, Flanged	1,348.11	275.77
23 05 23 00-0373	EA	5" Diameter Eccentric Valves With Taps, Flanged	1,787.31	300.70
23 05 23 00-0374	EA	6" Diameter Eccentric Valves With Taps, Flanged	2,254.75	334.12
23 05 23 00-0375	EA	8" Diameter Eccentric Valves With Taps, Flanged	3,848.54	426.93
23 05 23 00-0376	EA	10" Diameter Eccentric Valves With Taps, Flanged	5,379.87	519.74
23 05 23 00-0377	EA	12" Diameter Eccentric Valves With Taps, Flanged	9,188.88	631.10
23 05 23 00-0378		Earthquake-Sensitive Gas Shut-Off Valve *(23 05 23)*		
23 05 23 00-0379		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0378)*		
23 05 23 00-0380	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	160.04	11.56
23 05 23 00-0381	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	181.20	13.13
23 05 23 00-0382		7 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0378)*		
23 05 23 00-0383	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	211.69	13.98
23 05 23 00-0384	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	285.41	16.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0385		60 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0378)*		
23 05 23 00-0386	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	197.81	11.56
23 05 23 00-0387	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	207.43	13.13
23 05 23 00-0388	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	232.68	13.98
23 05 23 00-0389	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	316.89	16.18
23 05 23 00-0390	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	725.04	19.12
23 05 23 00-0391	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	862.99	25.74
23 05 23 00-0392	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,119.38	29.99
23 05 23 00-0393	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,297.24	33.86
23 05 23 00-0394		60 PSI Flanged Earthquake Gas Shutoff Valves *(23 05 23 00-0378)*		
23 05 23 00-0395	EA	2" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,014.48	140.06
23 05 23 00-0396	EA	3" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,249.83	164.50
23 05 23 00-0397	EA	4" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,762.01	275.77
23 05 23 00-0398	EA	6" Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,884.77	334.12
23 05 23 00-0399	EA	8" Flanged, 60 PSI Earthquake Gas Shutoff Valve	7,769.82	426.93
23 05 23 00-0400		Emergency Shut-Off Valve With Fusible Link *(23 05 23)*		
23 05 23 00-0401		Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) *(23 05 23 00-0400)* Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165º F.		
23 05 23 00-0402	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	68.05	16.92
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0403	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	69.69	17.86
		For Work In Restricted Working Space, Add	*9.67*	
23 05 23 00-0404	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	110.96	16.92
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0405	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	216.79	22.80
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0406	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	540.41	27.63
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0407		Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0400)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0408	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	415.90	16.18
23 05 23 00-0409	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	449.50	19.12
23 05 23 00-0410	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	753.86	29.99
23 05 23 00-0411		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0400)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0412	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	609.12	140.06
23 05 23 00-0413	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	983.68	164.50
23 05 23 00-0414	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	2,236.66	275.77
23 05 23 00-0415		Check Valves *(23 05 23)*		
23 05 23 00-0416		Iron Body Wafer Type Check Valve *(23 05 23 00-0415)*		
23 05 23 00-0417		Single Disk Type *(23 05 23 00-0416)*		
23 05 23 00-0418	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	445.82	140.12
		For 150 LB Rating, Add	*56.83*	
		For 200 LB Rating, Add	*67.66*	
		For 300 LB Rating, Add	*81.19*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*156.82*	
23 05 23 00-0419	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	530.60	140.40
		For 150 LB Rating, Add	*74.46*	
		For 200 LB Rating, Add	*88.64*	
		For 300 LB Rating, Add	*106.37*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*194.76*	
23 05 23 00-0420	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	654.16	164.60
		For 150 LB Rating, Add	*94.11*	
		For 200 LB Rating, Add	*112.04*	
		For 300 LB Rating, Add	*134.45*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*242.87*	
23 05 23 00-0421	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	952.80	275.94
		For 150 LB Rating, Add	*127.47*	
		For 200 LB Rating, Add	*151.75*	
		For 300 LB Rating, Add	*182.10*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*342.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0422	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,434.89	387.29
		For 150 LB Rating, Add	*199.66*	
		For 200 LB Rating, Add	*237.70*	
		For 300 LB Rating, Add	*285.23*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*524.67*	
23 05 23 00-0423	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,013.80	445.38
		For 150 LB Rating, Add	*306.41*	
		For 200 LB Rating, Add	*364.77*	
		For 300 LB Rating, Add	*437.72*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*767.53*	
23 05 23 00-0424	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	3,013.16	542.21
		For 150 LB Rating, Add	*489.39*	
		For 200 LB Rating, Add	*582.61*	
		For 300 LB Rating, Add	*699.13*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,185.24*	
23 05 23 00-0425		Twin Disc Type *(23 05 23 00-0416)*		
23 05 23 00-0426	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	566.70	140.12
		For 150 LB Rating, Add	*82.22*	
		For 200 LB Rating, Add	*97.88*	
		For 300 LB Rating, Add	*117.45*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*211.22*	
23 05 23 00-0427	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	645.89	140.40
		For 150 LB Rating, Add	*98.67*	
		For 200 LB Rating, Add	*117.46*	
		For 300 LB Rating, Add	*140.96*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*246.64*	
23 05 23 00-0428	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	754.20	164.60
		For 150 LB Rating, Add	*115.12*	
		For 200 LB Rating, Add	*137.05*	
		For 300 LB Rating, Add	*164.46*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*287.89*	
23 05 23 00-0429	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,041.98	275.94
		For 150 LB Rating, Add	*146.20*	
		For 200 LB Rating, Add	*174.05*	
		For 300 LB Rating, Add	*208.85*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*382.44*	
23 05 23 00-0430	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,606.73	387.29
		For 150 LB Rating, Add	*235.75*	
		For 200 LB Rating, Add	*280.66*	
		For 300 LB Rating, Add	*336.79*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*602.00*	
23 05 23 00-0431	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	2,267.70	445.38
		For 150 LB Rating, Add	*360.03*	
		For 200 LB Rating, Add	*428.61*	
		For 300 LB Rating, Add	*514.33*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*882.15*	
23 05 23 00-0432	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,393.16	532.52
		For 150 LB Rating, Add	*570.18*	
		For 200 LB Rating, Add	*678.79*	
		For 300 LB Rating, Add	*814.54*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,357.42*	
23 05 23 00-0433	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	4,458.22	658.39
		For 150 LB Rating, Add	*763.91*	
		For 200 LB Rating, Add	*909.42*	
		For 300 LB Rating, Add	*1,091.31*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,801.07*	
23 05 23 00-0434	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	8,436.94	779.88
		For 150 LB Rating, Add	*1,553.39*	
		For 200 LB Rating, Add	*1,849.28*	
		For 300 LB Rating, Add	*2,219.13*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*3,536.66*	
23 05 23 00-0435	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	11,586.81	915.06
		For 150 LB Rating, Add	*2,193.03*	
		For 200 LB Rating, Add	*2,610.75*	
		For 300 LB Rating, Add	*3,132.89*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*4,928.11*	
23 05 23 00-0436	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	15,449.82	1,019.04
		For 150 LB Rating, Add	*2,977.57*	
		For 200 LB Rating, Add	*3,544.73*	
		For 300 LB Rating, Add	*4,253.67*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*6,634.69*	
23 05 23 00-0437	EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	18,385.99	1,143.83
		For 150 LB Rating, Add	*3,560.80*	
		For 200 LB Rating, Add	*4,239.05*	
		For 300 LB Rating, Add	*5,086.86*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*7,916.25*	
23 05 23 00-0438	EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	24,039.61	1,403.79
		For 150 LB Rating, Add	*4,678.77*	
		For 200 LB Rating, Add	*5,569.97*	
		For 300 LB Rating, Add	*6,683.96*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*10,377.89*	
23 05 23 00-0439		Lift Check Valves *(23 05 23 00-0415)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0440		Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0439)* Note: Watts #600 series.		
23 05 23 00-0441	EA	3/8" Lift Check Valve, Bronze, Threaded	114.51	10.51
23 05 23 00-0442	EA	1/2" Lift Check Valve, Bronze, Threaded	121.18	10.51
23 05 23 00-0443	EA	3/4" Lift Check Valve, Bronze, Threaded	154.39	11.03
23 05 23 00-0444	EA	1" Lift Check Valve, Bronze, Threaded	203.66	11.03
23 05 23 00-0445	EA	1-1/4" Lift Check Valve, Bronze, Threaded	282.70	13.98
23 05 23 00-0446	EA	1-1/2" Lift Check Valve, Bronze, Threaded	344.13	16.18
23 05 23 00-0447	EA	2" Lift Check Valve, Bronze, Threaded	491.42	19.12
23 05 23 00-0448		Bronze Body, Threaded, 300 LB, Lift Check Valves *(23 05 23 00-0439)* Note: Crane 366E.		
23 05 23 00-0449	EA	1/2" Lift Check Valve, Bronze, Threaded, 300 LB	717.54	10.51
23 05 23 00-0450	EA	3/4" Lift Check Valve, Bronze, Threaded, 300 LB	871.35	11.03
23 05 23 00-0451	EA	1" Lift Check Valve, Bronze, Threaded, 300 LB	1,564.65	11.03
23 05 23 00-0452	EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	2,085.46	13.98
23 05 23 00-0453	EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	2,264.95	16.18
23 05 23 00-0454	EA	2" Lift Check Valve, Bronze, Threaded, 300 LB	2,909.97	19.12
23 05 23 00-0455		Iron Body, Flanged, 125 LB Vertical Lift Check Valves *(23 05 23 00-0439)* Note: Mueller 105MAP.		
23 05 23 00-0456	EA	2" Lift Check Valve, Iron Body, Flanged, 125 LB	1,041.74	140.06
23 05 23 00-0457	EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	978.71	140.31
23 05 23 00-0458	EA	3" Lift Check Valve, Iron Body, Flanged, 125 LB	1,071.45	164.50
23 05 23 00-0459	EA	4" Lift Check Valve, Iron Body, Flanged, 125 LB	1,508.78	275.77
23 05 23 00-0460	EA	5" Lift Check Valve, Iron Body, Flanged, 125 LB	1,871.62	300.70
23 05 23 00-0461	EA	6" Lift Check Valve, Iron Body, Flanged, 125 LB	2,293.64	334.12
23 05 23 00-0462	EA	8" Lift Check Valve, Iron Body, Flanged, 125 LB	3,961.21	426.93
23 05 23 00-0463	EA	10" Lift Check Valve, Iron Body, Flanged, 125 LB	4,969.31	519.74
23 05 23 00-0464	EA	12" Lift Check Valve, Iron Body, Flanged, 125 LB	7,974.15	631.10
23 05 23 00-0465	EA	14" Lift Check Valve, Iron Body, Flanged, 125 LB	10,926.03	907.57
23 05 23 00-0466	EA	16" Lift Check Valve, Iron Body, Flanged, 125 LB	12,104.37	998.34
23 05 23 00-0467		Bronze Body Swing Check Valves *(23 05 23 00-0415)*		
23 05 23 00-0468		Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves *(23 05 23 00-0467)*		
23 05 23 00-0469	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	77.11	10.51
		For 300 LB Rating, Add	*16.85*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0470	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	73.81	10.51
		For 300 LB Rating, Add	*16.85*	
		For Work In Restricted Working Space, Add	*9.18*	
23 05 23 00-0471	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	75.41	10.51
		For 300 LB Rating, Add	*16.85*	
		For Work In Restricted Working Space, Add	*9.66*	
23 05 23 00-0472	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	78.80	10.51
		For 300 LB Rating, Add	*17.51*	
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0473	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	100.08	11.03
		For 300 LB Rating, Add	*21.22*	
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0474	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	129.17	11.03
		For 300 LB Rating, Add	*28.81*	
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0475	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	173.75	13.98
		For 300 LB Rating, Add	*40.44*	
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0476	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	226.03	16.18
		For 300 LB Rating, Add	*56.63*	
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0477	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	282.22	19.12
		For 300 LB Rating, Add	*72.81*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0478	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	558.20	25.84
		For 300 LB Rating, Add	*167.38*	
		For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0479	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	759.28	29.99
		For 300 LB Rating, Add	*238.06*	
		For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0480	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	860.08	33.86
		For 300 LB Rating, Add	*269.39*	
		For Work In Restricted Working Space, Add	*50.80*	
23 05 23 00-0481		125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0415)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0482	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	327.99	78.80
		For 150 LB Rating, Add	*155.62*	
		For 250 LB Rating, Add	*297.52*	
		For Work In Restricted Working Space, Add	*29.74*	
23 05 23 00-0483	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	366.35	91.93
		For 150 LB Rating, Add	*171.46*	
		For 250 LB Rating, Add	*327.78*	
		For Work In Restricted Working Space, Add	*34.26*	
23 05 23 00-0484	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	411.72	110.32
		For 150 LB Rating, Add	*185.96*	
		For 250 LB Rating, Add	*355.51*	
		For Work In Restricted Working Space, Add	*41.48*	
23 05 23 00-0485	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	514.77	140.06
		For 150 LB Rating, Add	*230.96*	
		For 250 LB Rating, Add	*441.55*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0486	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	572.33	140.31
		For 150 LB Rating, Add	*269.55*	
		For 250 LB Rating, Add	*515.31*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0487	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	636.64	164.50
		For 150 LB Rating, Add	*292.92*	
		For 250 LB Rating, Add	*559.99*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0488	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,011.30	275.77
		For 150 LB Rating, Add	*452.68*	
		For 250 LB Rating, Add	*865.42*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0489	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,352.70	300.70
		For 150 LB Rating, Add	*664.63*	
		For 250 LB Rating, Add	*1,270.61*	
		For Work In Restricted Working Space, Add	*112.59*	
23 05 23 00-0490	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,552.39	334.12
		For 150 LB Rating, Add	*770.60*	
		For 250 LB Rating, Add	*1,473.21*	
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0491	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	3,359.62	426.93
		For 150 LB Rating, Add	*1,923.91*	
		For 250 LB Rating, Add	*3,678.06*	
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0492	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,500.93	519.74
		For 150 LB Rating, Add	*2,618.86*	
		For 250 LB Rating, Add	*5,006.64*	
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0493	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	6,793.33	631.10
		For 150 LB Rating, Add	*4,083.98*	
		For 250 LB Rating, Add	*7,807.61*	
		For Work In Restricted Working Space, Add	*236.24*	
23 05 23 00-0494	EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	7,933.92	907.57
		For 150 LB Rating, Add	*4,623.63*	
		For 250 LB Rating, Add	*8,839.29*	
		For Work In Restricted Working Space, Add	*340.34*	
23 05 23 00-0495	EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	11,151.27	998.34
		For 150 LB Rating, Add	*6,734.28*	
		For 250 LB Rating, Add	*12,874.36*	
		For Work In Restricted Working Space, Add	*374.38*	
23 05 23 00-0496	EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	16,949.33	1,107.24
		For 150 LB Rating, Add	*10,584.39*	
		For 250 LB Rating, Add	*20,234.86*	
		For Work In Restricted Working Space, Add	*415.22*	
23 05 23 00-0497	EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	23,224.16	1,247.92
		For 150 LB Rating, Add	*14,731.70*	
		For 250 LB Rating, Add	*28,163.54*	
		For Work In Restricted Working Space, Add	*467.97*	
23 05 23 00-0498	EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	32,243.02	1,531.54
		For 150 LB Rating, Add	*20,623.45*	
		For 250 LB Rating, Add	*39,427.18*	
		For Work In Restricted Working Space, Add	*574.33*	

23 05 23 00-0499 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0415)*

Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0500	EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve	183.53	10.51
		For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0501	EA	3/4" 800, Threaded, Forged Steel Swing Check Valve	215.58	11.56
		For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0502	EA	1" Class 800, Threaded, Forged Steel Swing Check Valve	254.81	13.13
		For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0503	EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	396.33	13.98
		For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0504	EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve	470.49	16.18
		For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0505	EA	2" Class 800, Threaded, Forged Steel Swing Check Valve	637.94	19.12
		For Work In Restricted Working Space, Add	*28.66*	

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		MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0506			Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0415)*		
23 05 23 00-0507	EA		1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	54.86	10.51
			For Work In Restricted Working Space, Add	*10.17*	
23 05 23 00-0508	EA		3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	66.64	11.56
			For Work In Restricted Working Space, Add	*13.70*	
23 05 23 00-0509	EA		1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	77.08	13.13
			For Work In Restricted Working Space, Add	*16.59*	
23 05 23 00-0510	EA		1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	92.73	13.98
			For Work In Restricted Working Space, Add	*21.02*	
23 05 23 00-0511	EA		1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	104.82	16.18
			For Work In Restricted Working Space, Add	*24.25*	
23 05 23 00-0512	EA		2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	132.83	19.12
			For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0513	EA		2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	182.14	25.84
			For Work In Restricted Working Space, Add	*38.71*	
23 05 23 00-0514	EA		3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	217.80	29.99
			For Work In Restricted Working Space, Add	*44.66*	
23 05 23 00-0515			Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(23 05 23 00-0415)* Note: Nibco®		
23 05 23 00-0516	EA		1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	151.68	10.51
			For Work In Restricted Working Space, Add	*7.09*	
23 05 23 00-0517	EA		3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	193.20	11.56
			For Work In Restricted Working Space, Add	*8.08*	
23 05 23 00-0518	EA		1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	267.26	13.13
			For Work In Restricted Working Space, Add	*9.65*	
23 05 23 00-0519	EA		1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	356.53	13.98
			For Work In Restricted Working Space, Add	*10.64*	
23 05 23 00-0520	EA		1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	425.46	16.18
			For Work In Restricted Working Space, Add	*11.82*	
23 05 23 00-0521	EA		2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	609.17	19.12
			For Work In Restricted Working Space, Add	*14.18*	
23 05 23 00-0522			Crimped Bronze, 250 PSI, In-Line, Check Valves *(23 05 23 00-0415)*		
23 05 23 00-0523	EA		1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	43.62	10.51
23 05 23 00-0524	EA		3/4" Crimped Bronze, 200 PSI, In-Line Check Valve	52.49	11.56
23 05 23 00-0525	EA		1" Crimped Bronze, 200 PSI, In-Line Check Valve	61.65	13.13
23 05 23 00-0526	EA		1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve	78.08	13.98
23 05 23 00-0527	EA		1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	99.90	16.18
23 05 23 00-0528	EA		2" Crimped Bronze, 200 PSI, In-Line Check Valve	157.39	19.12
23 05 23 00-0529			Diaphragm Valves *(23 05 23)*		
23 05 23 00-0530			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0529)*		
23 05 23 00-0531	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	270.57	31.44
23 05 23 00-0532	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	348.46	34.83
23 05 23 00-0533	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	376.28	43.06
23 05 23 00-0534	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	598.50	64.35
23 05 23 00-0535	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	971.47	77.41
23 05 23 00-0536			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0529)*		
23 05 23 00-0537	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	235.30	50.43
23 05 23 00-0538	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	272.82	52.54
23 05 23 00-0539	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	325.36	78.80
23 05 23 00-0540	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	490.15	110.32
23 05 23 00-0541	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	771.21	140.06
23 05 23 00-0542	EA		2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	975.83	140.31
23 05 23 00-0543	EA		3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,209.53	164.50
23 05 23 00-0544	EA		4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,723.37	275.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0545	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	3,505.87	334.12
23 05 23 00-0546	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	5,425.13	426.93
23 05 23 00-0547		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0529)*		
23 05 23 00-0548	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	162.44	31.44
23 05 23 00-0549	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	214.71	34.83
23 05 23 00-0550	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	242.53	43.06
23 05 23 00-0551	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	416.36	64.35
23 05 23 00-0552	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	547.46	77.41
23 05 23 00-0553		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0529)*		
23 05 23 00-0554	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	161.80	50.43
23 05 23 00-0555	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	188.45	52.54
23 05 23 00-0556	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	240.98	78.80
23 05 23 00-0557	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	375.25	110.32
23 05 23 00-0558	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	503.68	140.06
23 05 23 00-0559	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	604.31	140.31
23 05 23 00-0560	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	733.74	164.50
23 05 23 00-0561	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,162.52	275.77
23 05 23 00-0562	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,249.38	334.12
23 05 23 00-0563	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	3,432.21	426.93
23 05 23 00-0564		125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0529)*		
23 05 23 00-0565	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	299.94	78.80
23 05 23 00-0566	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	480.81	110.32
23 05 23 00-0567	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	644.66	140.06
23 05 23 00-0568	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	908.29	140.31
23 05 23 00-0569	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,006.15	164.50
23 05 23 00-0570	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,582.91	275.77
23 05 23 00-0571	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	3,106.40	334.12
23 05 23 00-0572	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	6,383.20	426.93
23 05 23 00-0573		Solenoid Valves *(23 05 23)*		
23 05 23 00-0574		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0573)*		
23 05 23 00-0575	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	118.88	10.51
23 05 23 00-0576	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	137.99	10.51
23 05 23 00-0577	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	176.58	11.56
23 05 23 00-0578	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	260.32	13.13
23 05 23 00-0579	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	459.32	16.18
23 05 23 00-0580	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	719.56	19.12
23 05 23 00-0581	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	980.10	25.84
23 05 23 00-0582	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	1,422.21	29.99
23 05 23 00-0583		Flow Control Valves And Meters *(23 05 23)*		
23 05 23 00-0584		Conditioned Water Balancing Valves *(23 05 23 00-0583)*		
		Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0585	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	152.43	53.61
23 05 23 00-0586	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	182.73	71.48
23 05 23 00-0587	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,300.37	81.67
23 05 23 00-0588	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,398.31	100.92
23 05 23 00-0589	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,497.32	107.22
23 05 23 00-0590	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,600.62	122.57
23 05 23 00-0591	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,842.58	213.40
23 05 23 00-0592	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,735.24	243.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0593	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,512.03	164.60
23 05 23 00-0594	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,122.76	275.94
23 05 23 00-0595	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,270.15	348.56
23 05 23 00-0596	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,397.30	445.38
23 05 23 00-0597	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	6,235.15	542.21

23 05 23 00-0598 Read Out Meters *(23 05 23 00-0583)*

Note: For use with conditioned portable water balancing valves.

23 05 23 00-0599	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,159.67	
23 05 23 00-0600	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,569.37	
23 05 23 00-0601	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,569.37	
23 05 23 00-0602	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,569.37	

23 05 23 00-0603 Balancing Valves *(23 05 23)*

23 05 23 00-0604 Balancing Valves With Lever *(23 05 23 00-0603)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0605	EA	1/2" Threaded Balancing Valve With Lever	215.44	33.11
23 05 23 00-0606	EA	3/4" Threaded Balancing Valve With Lever	241.19	43.63
23 05 23 00-0607	EA	1" Threaded Balancing Valve With Lever	609.07	49.93
23 05 23 00-0608	EA	1-1/4" Threaded Balancing Valve With Lever	665.13	62.01
23 05 23 00-0609	EA	1-1/2" Threaded Balancing Valve With Lever	708.70	65.69
23 05 23 00-0610	EA	2" Threaded Balancing Valve With Lever	947.01	75.16
23 05 23 00-0611	EA	2-1/2" Flanged Balancing Valve With Lever	1,268.85	140.40
23 05 23 00-0612	EA	3" Flanged Balancing Valve With Lever	1,233.76	164.60
23 05 23 00-0613	EA	4" Flanged Balancing Valve With Lever	1,523.17	275.94
23 05 23 00-0614	EA	5" Flanged Balancing Valve With Lever	2,248.65	313.71
23 05 23 00-0615	EA	6" Flanged Balancing Valve With Lever	2,315.52	348.56
23 05 23 00-0616	EA	8" Flanged Balancing Valve With Lever	3,101.53	445.38

23 05 23 00-0617 Balancing Valves With Nut *(23 05 23 00-0603)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0618	EA	4" Flanged Balancing Valve With Nut	1,459.75	275.94
23 05 23 00-0619	EA	5" Flanged Balancing Valve With Nut	2,201.49	313.71
23 05 23 00-0620	EA	6" Flanged Balancing Valve With Nut	2,247.22	348.56
23 05 23 00-0621	EA	8" Flanged Balancing Valve With Nut	3,020.22	445.38

23 05 23 00-0622 Balancing Valves With Hand Wheel *(23 05 23 00-0603)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0623	EA	4" Flanged Balancing Valve With Hand Wheel	2,071.20	275.94
23 05 23 00-0624	EA	5" Flanged Balancing Valve With Hand Wheel	2,848.72	313.71
23 05 23 00-0625	EA	6" Flanged Balancing Valve With Hand Wheel	2,894.45	348.56
23 05 23 00-0626	EA	8" Flanged Balancing Valve With Hand Wheel	4,171.57	445.38
23 05 23 00-0627	EA	10" Flanged Balancing Valve With Hand Wheel	6,460.52	542.21
23 05 23 00-0628	EA	12" Flanged Balancing Valve With Hand Wheel	8,488.05	441.21
23 05 23 00-0629	EA	14" Flanged Balancing Valve With Hand Wheel	11,062.11	831.88

23 05 23 00-0630 Balancing Valves With Chain Wheel *(23 05 23 00-0603)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0631	EA	4" Flanged Balancing Valve With Chain Wheel	2,415.95	275.94
23 05 23 00-0632	EA	5" Flanged Balancing Valve With Chain Wheel	3,191.85	313.71
23 05 23 00-0633	EA	6" Flanged Balancing Valve With Chain Wheel	3,237.58	348.56
23 05 23 00-0634	EA	8" Flanged Balancing Valve With Chain Wheel	4,584.62	445.38
23 05 23 00-0635	EA	10" Flanged Balancing Valve With Chain Wheel	6,865.44	542.21
23 05 23 00-0636	EA	12" Flanged Balancing Valve With Chain Wheel	9,241.25	440.90
23 05 23 00-0637	EA	14" Flanged Balancing Valve With Chain Wheel	11,714.22	831.88

23 05 23 00-0638 Calibrated Balancing Valves *(23 05 23 00-0603)*

Note: Bell & Gossett CB Series.

23 05 23 00-0639	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	115.85	10.51
23 05 23 00-0640	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	135.84	11.56
23 05 23 00-0641	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	165.94	13.13
23 05 23 00-0642	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	223.72	13.98
23 05 23 00-0643	EA	1" Threaded Calibrated Balancing Valve (CB-1)	177.21	13.13
23 05 23 00-0644	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	243.18	13.98
23 05 23 00-0645	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	282.64	16.19
23 05 23 00-0646	EA	2" Threaded Calibrated Balancing Valve (CB-2)	382.36	19.13
23 05 23 00-0647	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	713.71	28.06
23 05 23 00-0648	EA	3" Threaded Calibrated Balancing Valve (CB-3)	1,006.69	32.59
23 05 23 00-0649	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	949.08	152.42
23 05 23 00-0650	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	1,375.96	178.70
23 05 23 00-0651	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	2,152.53	299.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0652	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	3,103.54	340.58
23 05 23 00-0653	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	4,085.28	378.42
23 05 23 00-0654	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	7,386.46	483.54
23 05 23 00-0655	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	10,261.54	582.31
23 05 23 00-0656	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	21,642.23	707.09
23 05 23 00-0657	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	2,564.14	36.19
23 05 23 00-0658	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	2,958.99	47.33
23 05 23 00-0659	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	3,931.97	60.70
23 05 23 00-0660	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	7,356.68	77.03
23 05 23 00-0661	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	9,887.84	86.31
23 05 23 00-0662	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	20,352.77	105.24

23 05 23 00-0663 Butterfly Valves *(23 05 23)*

23 05 23 00-0664 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0663)*

Note: With on-off handle

23 05 23 00-0665	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	307.21	140.06
		For 200 PSI, Add	*63.40*	
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0666	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	315.71	140.31
		For 200 PSI, Add	*67.09*	
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0667	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	356.40	164.50
		For 200 PSI, Add	*72.25*	
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0668	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	534.51	275.77
		For 200 PSI, Add	*90.68*	
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0669	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	687.93	334.12
		For 200 PSI, Add	*129.01*	
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0670	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	792.73	371.24
		For 200 PSI, Add	*157.77*	
		For Work In Restricted Working Space, Add	*139.22*	
23 05 23 00-0671	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,024.90	426.93
		For 200 PSI, Add	*237.39*	
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0672	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,608.07	519.74
		For 200 PSI, Add	*460.03*	
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0673	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	2,008.52	631.10
		For 200 PSI, Add	*586.10*	
		For Work In Restricted Working Space, Add	*236.24*	

23 05 23 00-0674 Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(23 05 23 00-0663)*

23 05 23 00-0675	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,137.14	28.05
		For Work In Restricted Working Space, Add	*16.55*	
23 05 23 00-0676	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,230.88	32.58
		For Work In Restricted Working Space, Add	*19.70*	
23 05 23 00-0677	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,538.56	36.78
		For Work In Restricted Working Space, Add	*26.00*	

23 05 23 00-0678 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves *(23 05 23 00-0663)*

23 05 23 00-0679	EA	2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	537.59	140.06
		For Work In Restricted Working Space, Add	*52.54*	
23 05 23 00-0680	EA	2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	541.49	140.31
		For Work In Restricted Working Space, Add	*52.78*	
23 05 23 00-0681	EA	3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	589.86	164.50
		For Work In Restricted Working Space, Add	*61.76*	
23 05 23 00-0682	EA	4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	778.71	275.77
		For Work In Restricted Working Space, Add	*103.68*	
23 05 23 00-0683	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	958.25	334.12
		For Work In Restricted Working Space, Add	*125.75*	
23 05 23 00-0684	EA	6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,061.43	371.24
		For Work In Restricted Working Space, Add	*139.22*	
23 05 23 00-0685	EA	8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,304.44	426.93
		For Work In Restricted Working Space, Add	*159.10*	
23 05 23 00-0686	EA	10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,649.54	519.74
		For Work In Restricted Working Space, Add	*194.90*	
23 05 23 00-0687	EA	12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	2,240.45	631.10
		For Work In Restricted Working Space, Add	*236.24*	

23 05 23 00-0688 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves *(23 05 23 00-0663)*

23 05 23 00-0689	EA	14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	3,728.18	850.86
		For 200 PSI, Add	*933.74*	
		For Work In Restricted Working Space, Add	*340.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0690	EA	16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	4,732.54	998.34
		For 200 PSI, Add	*1,254.46*	
		For Work In Restricted Working Space, Add	*374.38*	
23 05 23 00-0691	EA	18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	6,563.85	1,111.78
		For 200 PSI, Add	*1,863.82*	
		For Work In Restricted Working Space, Add	*415.97*	
23 05 23 00-0692	EA	20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	8,407.47	1,247.92
		For 200 PSI, Add	*2,465.13*	
		For Work In Restricted Working Space, Add	*467.97*	
23 05 23 00-0693	EA	24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	11,269.69	1,531.54
		For 200 PSI, Add	*3,365.94*	
		For Work In Restricted Working Space, Add	*575.96*	
23 05 23 00-0694	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	23,144.91	2,415.89
		For 200 PSI, Add	*7,225.25*	
		For Work In Restricted Working Space, Add	*922.43*	
23 05 23 00-0695	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	29,343.92	3,294.40
		For 200 PSI, Add	*9,180.16*	
		For Work In Restricted Working Space, Add	*1,153.04*	
23 05 23 00-0696	EA	42" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	35,675.27	4,831.78
		For 200 PSI, Add	*10,714.41*	
		For Work In Restricted Working Space, Add	*1,773.91*	
23 05 23 00-0697	EA	48" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	43,388.69	6,039.73
		For 200 PSI, Add	*12,852.64*	
		For Work In Restricted Working Space, Add	*2,306.08*	
23 05 23 00-0698	EA	54" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	52,421.98	7,247.68
		For 200 PSI, Add	*15,412.80*	
		For Work In Restricted Working Space, Add	*2,882.60*	

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	19.72	8.71
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	21.66	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	22.76	9.68
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	23.67	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	23.97	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	25.14	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	28.02	11.03
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	30.17	11.61
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	31.39	12.75
		For Work In Restricted Working Space, Add	*7.29*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	34.73	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	44.76	16.21
		For Work In Restricted Working Space, Add	*9.72*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	53.95	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	73.64	24.20
		For Work In Restricted Working Space, Add	*14.51*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	109.53	32.90
		For Work In Restricted Working Space, Add	*19.35*	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	129.29	36.28
		For Work In Restricted Working Space, Add	*21.77*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	163.11	40.64
		For Work In Restricted Working Space, Add	*24.97*	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	205.20	48.38
		For Work In Restricted Working Space, Add	*29.03*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	255.66	60.48
		For Work In Restricted Working Space, Add	*36.29*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	428.18	72.58
		For Work In Restricted Working Space, Add	*43.55*	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	669.29	84.67
		For Work In Restricted Working Space, Add	*50.80*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	25.82	8.71
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	27.76	9.68
		For Work In Restricted Working Space, Add	*5.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.99	9.68
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.04	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.82	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.60	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	35.91	11.03
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	37.80	11.61
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	42.32	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	47.47	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	80.67	16.21
		For Work In Restricted Working Space, Add	*9.72*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	100.39	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	118.91	24.20
		For Work In Restricted Working Space, Add	*14.51*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	19.50	8.71
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.49	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	22.71	9.68
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.33	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.50	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.19	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.77	11.03
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	28.05	11.61
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	31.58	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	32.79	13.55
		For Work In Restricted Working Space, Add	*7.74*	

23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.11	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.21	9.68
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.78	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.99	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	34.58	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.34	11.03
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	39.31	11.61
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	47.64	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	60.14	16.21
		For Work In Restricted Working Space, Add	*9.72*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	74.57	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	107.47	24.20
		For Work In Restricted Working Space, Add	*14.51*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	151.90	32.90
		For Work In Restricted Working Space, Add	*19.35*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	170.58	36.28
		For Work In Restricted Working Space, Add	*21.77*	

23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	36.02	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.68	11.03
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.83	11.61
		For Work In Restricted Working Space, Add	*6.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	45.05	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	48.08	13.55
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	59.58	16.21
		For Work In Restricted Working Space, Add	*9.72*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	69.29	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	92.83	24.20
		For Work In Restricted Working Space, Add	*14.51*	
23 05 29 00-0072		Adjustable Hangers *(23 05 29 00-0001)*		
23 05 29 00-0073		Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0072)*		
		Note: Type 5.		
23 05 29 00-0074	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	18.20	7.63
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0075	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	19.87	8.46
		For Work In Restricted Working Space, Add	*5.08*	
23 05 29 00-0076	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.72	9.41
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0077	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.92	10.45
		For Work In Restricted Working Space, Add	*6.27*	
23 05 29 00-0078	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	25.15	10.96
		For Work In Restricted Working Space, Add	*6.58*	
23 05 29 00-0079	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	27.10	11.49
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0080	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	31.91	12.01
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0081	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	33.35	12.53
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0082	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	40.25	14.10
		For Work In Restricted Working Space, Add	*8.46*	
23 05 29 00-0083		Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0072)*		
		Note: Type 10.		
23 05 29 00-0084	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	20.71	9.68
		For Work In Restricted Working Space, Add	*5.81*	
		For 304 Stainless Steel, Add	*8.91*	
		For 316 Stainless Steel, Add	*11.48*	
23 05 29 00-0085	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	21.84	9.68
		For Work In Restricted Working Space, Add	*6.11*	
		For 304 Stainless Steel, Add	*9.70*	
		For 316 Stainless Steel, Add	*12.50*	
23 05 29 00-0086	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	22.97	10.65
		For Work In Restricted Working Space, Add	*6.45*	
		For 304 Stainless Steel, Add	*9.70*	
		For 316 Stainless Steel, Add	*12.50*	
23 05 29 00-0087	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.41	11.61
		For Work In Restricted Working Space, Add	*6.83*	
		For 304 Stainless Steel, Add	*10.89*	
		For 316 Stainless Steel, Add	*14.03*	
23 05 29 00-0088	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	27.46	13.55
		For Work In Restricted Working Space, Add	*7.74*	
		For 304 Stainless Steel, Add	*10.89*	
		For 316 Stainless Steel, Add	*14.03*	
23 05 29 00-0089	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	29.37	13.55
		For Work In Restricted Working Space, Add	*8.29*	
		For 304 Stainless Steel, Add	*11.42*	
		For 316 Stainless Steel, Add	*14.71*	
23 05 29 00-0090	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	32.59	14.52
		For Work In Restricted Working Space, Add	*8.93*	
		For 304 Stainless Steel, Add	*18.61*	
		For 316 Stainless Steel, Add	*23.97*	
23 05 29 00-0091	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	35.20	16.45
		For Work In Restricted Working Space, Add	*9.68*	
		For 304 Stainless Steel, Add	*19.47*	
		For 316 Stainless Steel, Add	*25.08*	
23 05 29 00-0092	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	39.26	17.66
		For Work In Restricted Working Space, Add	*10.59*	
		For 304 Stainless Steel, Add	*26.07*	
		For 316 Stainless Steel, Add	*33.58*	
23 05 29 00-0093	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	42.65	19.36
		For Work In Restricted Working Space, Add	*11.61*	
		For 304 Stainless Steel, Add	*26.07*	
		For 316 Stainless Steel, Add	*33.58*	
23 05 29 00-0094	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	51.73	21.78
		For Work In Restricted Working Space, Add	*13.06*	
		For 304 Stainless Steel, Add	*54.05*	
		For 316 Stainless Steel, Add	*69.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0095	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	56.70	24.20
		For Work In Restricted Working Space, Add	*14.51*	
		For 304 Stainless Steel, Add	*54.91*	
		For 316 Stainless Steel, Add	*70.72*	
23 05 29 00-0096	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	67.94	29.03
		For Work In Restricted Working Space, Add	*17.42*	
		For 304 Stainless Steel, Add	*65.21*	
		For 316 Stainless Steel, Add	*83.98*	
23 05 29 00-0097		Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0072)*		
23 05 29 00-0098	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	23.04	9.68
		For Work In Restricted Working Space, Add	*5.81*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*31.28*	
23 05 29 00-0099	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	24.05	9.68
		For Work In Restricted Working Space, Add	*6.11*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*31.28*	
23 05 29 00-0100	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.18	10.65
		For Work In Restricted Working Space, Add	*6.45*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*31.28*	
23 05 29 00-0101	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.44	11.61
		For Work In Restricted Working Space, Add	*6.83*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*31.28*	
23 05 29 00-0102	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	29.80	13.55
		For Work In Restricted Working Space, Add	*7.74*	
		For 304 Stainless Steel, Add	*26.33*	
		For 316 Stainless Steel, Add	*33.92*	
23 05 29 00-0103	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	31.63	13.55
		For Work In Restricted Working Space, Add	*8.29*	
		For 304 Stainless Steel, Add	*26.33*	
		For 316 Stainless Steel, Add	*33.92*	
23 05 29 00-0104	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	40.23	14.52
		For Work In Restricted Working Space, Add	*8.93*	
		For 304 Stainless Steel, Add	*69.04*	
		For 316 Stainless Steel, Add	*88.91*	
23 05 29 00-0105	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	45.21	16.45
		For Work In Restricted Working Space, Add	*9.68*	
		For 304 Stainless Steel, Add	*85.54*	
		For 316 Stainless Steel, Add	*110.16*	
23 05 29 00-0106	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	49.29	17.66
		For Work In Restricted Working Space, Add	*10.59*	
		For 304 Stainless Steel, Add	*92.27*	
		For 316 Stainless Steel, Add	*118.83*	
23 05 29 00-0107	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	55.72	19.36
		For Work In Restricted Working Space, Add	*11.61*	
		For 304 Stainless Steel, Add	*112.33*	
		For 316 Stainless Steel, Add	*144.67*	
23 05 29 00-0108	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	60.80	21.78
		For Work In Restricted Working Space, Add	*13.06*	
		For 304 Stainless Steel, Add	*113.92*	
		For 316 Stainless Steel, Add	*146.71*	
23 05 29 00-0109	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	73.36	24.20
		For Work In Restricted Working Space, Add	*14.51*	
		For 304 Stainless Steel, Add	*164.87*	
		For 316 Stainless Steel, Add	*212.33*	
23 05 29 00-0110		Roller Hangers *(23 05 29 00-0001)*		
23 05 29 00-0111		Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0110)*		
		Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112	EA	2" Single Pipe Roll (Cooper B-Line B3114)	34.60	7.75
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0113	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114)	37.97	8.72
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0114	EA	3" Single Pipe Roll (Cooper B-Line B3114)	42.00	10.17
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.10*	
23 05 29 00-0115	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114)	48.37	11.62
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.97*	
23 05 29 00-0116	EA	4" Single Pipe Roll (Cooper B-Line B3114)	68.48	13.07
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0117	EA	5" Single Pipe Roll (Cooper B-Line B3114)	59.55	14.53
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*8.72*	
23 05 29 00-0118	EA	6" Single Pipe Roll (Cooper B-Line B3114)	74.45	17.43
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*10.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0119	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	102.09	20.34
		For Work In Restricted Working Space, Add	*12.20*	
23 05 29 00-0120	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	120.98	24.21
		For Work In Restricted Working Space, Add	*14.52*	
23 05 29 00-0121		Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0110)* Note: Type 43.		
23 05 29 00-0122	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	50.67	13.67
		For Work In Restricted Working Space, Add	*7.88*	
		For 304 Stainless Steel, Add	*160.97*	
		For 316 Stainless Steel, Add	*207.32*	
23 05 29 00-0123	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	52.56	14.08
		For Work In Restricted Working Space, Add	*8.45*	
		For 304 Stainless Steel, Add	*160.97*	
		For 316 Stainless Steel, Add	*207.32*	
23 05 29 00-0124	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	57.24	14.72
		For Work In Restricted Working Space, Add	*9.01*	
		For 304 Stainless Steel, Add	*179.59*	
		For 316 Stainless Steel, Add	*231.29*	
23 05 29 00-0125	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	67.75	15.77
		For Work In Restricted Working Space, Add	*9.46*	
		For 304 Stainless Steel, Add	*239.05*	
		For 316 Stainless Steel, Add	*307.87*	
23 05 29 00-0126	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	71.26	17.87
		For Work In Restricted Working Space, Add	*10.51*	
		For 304 Stainless Steel, Add	*239.05*	
		For 316 Stainless Steel, Add	*307.87*	
23 05 29 00-0127	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	80.76	19.23
		For Work In Restricted Working Space, Add	*11.54*	
		For 304 Stainless Steel, Add	*279.05*	
		For 316 Stainless Steel, Add	*359.38*	
23 05 29 00-0128	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	94.56	21.03
		For Work In Restricted Working Space, Add	*12.62*	
		For 304 Stainless Steel, Add	*346.57*	
		For 316 Stainless Steel, Add	*446.34*	
23 05 29 00-0129	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	131.15	26.28
		For Work In Restricted Working Space, Add	*15.77*	
		For 304 Stainless Steel, Add	*518.69*	
		For 316 Stainless Steel, Add	*668.02*	
23 05 29 00-0130	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	163.70	35.74
		For Work In Restricted Working Space, Add	*21.02*	
		For 304 Stainless Steel, Add	*617.89*	
		For 316 Stainless Steel, Add	*795.77*	
23 05 29 00-0131	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	216.48	39.41
		For Work In Restricted Working Space, Add	*23.65*	
		For 304 Stainless Steel, Add	*908.42*	
		For 316 Stainless Steel, Add	*1,169.94*	
23 05 29 00-0132	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	471.82	45.20
		For Work In Restricted Working Space, Add	*27.12*	
		For 304 Stainless Steel, Add	*2,517.37*	
		For 316 Stainless Steel, Add	*3,242.07*	
23 05 29 00-0133	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	594.72	52.56
		For Work In Restricted Working Space, Add	*31.54*	
		For 304 Stainless Steel, Add	*3,231.36*	
		For 316 Stainless Steel, Add	*4,161.60*	
23 05 29 00-0134		Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0110)*		
23 05 29 00-0135	EA	2" Steel Roller Chair (Cooper B-Line B3120)	49.07	13.67
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0136	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	52.91	14.08
		For Work In Restricted Working Space, Add	*8.45*	
23 05 29 00-0137	EA	3" Steel Roller Chair (Cooper B-Line B3120)	55.33	14.72
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0138	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	63.76	15.77
		For Work In Restricted Working Space, Add	*9.46*	
23 05 29 00-0139	EA	4" Steel Roller Chair (Cooper B-Line B3120)	71.08	17.87
		For Work In Restricted Working Space, Add	*10.51*	
23 05 29 00-0140	EA	5" Steel Roller Chair (Cooper B-Line B3120)	77.64	19.23
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0141	EA	6" Steel Roller Chair (Cooper B-Line B3120)	96.60	21.03
		For Work In Restricted Working Space, Add	*12.62*	
23 05 29 00-0142	EA	8" Steel Roller Chair (Cooper B-Line B3120)	126.30	26.28
		For Work In Restricted Working Space, Add	*15.77*	
23 05 29 00-0143	EA	10" Steel Roller Chair (Cooper B-Line B3120)	162.58	35.74
		For Work In Restricted Working Space, Add	*21.02*	
23 05 29 00-0144	EA	12" Steel Roller Chair (Cooper B-Line B3120)	213.54	39.41
		For Work In Restricted Working Space, Add	*23.65*	
23 05 29 00-0145	EA	14" Steel Roller Chair (Cooper B-Line B3120)	231.68	45.20
		For Work In Restricted Working Space, Add	*27.12*	
23 05 29 00-0146	EA	16" Steel Roller Chair (Cooper B-Line B3120)	280.49	52.56
		For Work In Restricted Working Space, Add	*31.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0147	EA	18" Steel Roller Chair (Cooper B-Line B3120)	381.11	65.69
		For Work In Restricted Working Space, Add	*39.42*	
23 05 29 00-0148	EA	20" Steel Roller Chair (Cooper B-Line B3120)	473.03	78.84
		For Work In Restricted Working Space, Add	*47.30*	
23 05 29 00-0149		**Adjustable Roller Support (Cooper B-Line B3122)** *(23 05 29 00-0110)*		
23 05 29 00-0150	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	56.57	13.67
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0151	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	64.00	14.08
		For Work In Restricted Working Space, Add	*8.45*	
23 05 29 00-0152	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	67.16	14.72
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0153	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	71.00	15.77
		For Work In Restricted Working Space, Add	*9.46*	
23 05 29 00-0154	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	86.25	17.87
		For Work In Restricted Working Space, Add	*10.51*	
23 05 29 00-0155	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	98.18	19.23
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0156	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	115.14	21.03
		For Work In Restricted Working Space, Add	*12.62*	
23 05 29 00-0157	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	164.47	26.28
		For Work In Restricted Working Space, Add	*15.77*	
23 05 29 00-0158	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	203.74	35.74
		For Work In Restricted Working Space, Add	*21.02*	
23 05 29 00-0159	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	236.32	39.41
		For Work In Restricted Working Space, Add	*23.65*	
23 05 29 00-0160	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	340.77	45.20
		For Work In Restricted Working Space, Add	*27.12*	
23 05 29 00-0161	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	409.51	52.56
		For Work In Restricted Working Space, Add	*31.54*	
23 05 29 00-0162	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	461.40	65.69
		For Work In Restricted Working Space, Add	*39.42*	
23 05 29 00-0163		**Adjustable Double Roller Support (Cooper B-Line B3122A)** *(23 05 29 00-0110)*		
23 05 29 00-0164	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	57.00	13.67
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0165	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	64.39	14.08
		For Work In Restricted Working Space, Add	*8.45*	
23 05 29 00-0166	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	67.81	14.72
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0167	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	70.43	15.77
		For Work In Restricted Working Space, Add	*9.46*	
23 05 29 00-0168	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	90.63	17.87
		For Work In Restricted Working Space, Add	*10.51*	
23 05 29 00-0169	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	103.34	19.23
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0170	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	121.29	21.03
		For Work In Restricted Working Space, Add	*12.62*	
23 05 29 00-0171	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	174.00	26.28
		For Work In Restricted Working Space, Add	*15.77*	
23 05 29 00-0172	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	215.17	35.74
		For Work In Restricted Working Space, Add	*21.02*	
23 05 29 00-0173	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	249.71	39.41
		For Work In Restricted Working Space, Add	*23.65*	
23 05 29 00-0174	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	362.17	45.20
		For Work In Restricted Working Space, Add	*27.12*	
23 05 29 00-0175		**Pipe And Riser Clamps** *(23 05 29 00-0001)*		
		Note: Includes bolts and weldless eye nuts.		
23 05 29 00-0176		**Steel Pipe Clamp (Cooper B-Line B3140)** *(23 05 29 00-0175)*		
		Note: Type 4.		
23 05 29 00-0177	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	18.21	6.27
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-0178	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	18.42	6.37
		For Work In Restricted Working Space, Add	*3.82*	
23 05 29 00-0179	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	18.67	6.47
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0180	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	20.61	6.58
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0181	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	20.82	6.68
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0182	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	22.33	6.79
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0183	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	23.27	6.99
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0184	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	24.78	7.20
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0185	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	29.26	7.32
		For Work In Restricted Working Space, Add	*4.39*	

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	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0186	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	33.44	9.41
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0187	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	48.46	12.53
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0188	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	67.21	15.67
		For Work In Restricted Working Space, Add	*9.40*	
23 05 29 00-0189	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	79.19	18.28
		For Work In Restricted Working Space, Add	*10.97*	
23 05 29 00-0190	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	118.64	20.89
		For Work In Restricted Working Space, Add	*12.53*	
23 05 29 00-0191	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	164.84	22.98
		For Work In Restricted Working Space, Add	*13.79*	
23 05 29 00-0192	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	273.25	25.07
		For Work In Restricted Working Space, Add	*15.04*	
23 05 29 00-0193	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	296.19	27.16
		For Work In Restricted Working Space, Add	*16.29*	
23 05 29 00-0194	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	489.38	29.25
		For Work In Restricted Working Space, Add	*17.55*	
23 05 29 00-0195	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	567.30	31.34
		For Work In Restricted Working Space, Add	*18.80*	
23 05 29 00-0196	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	742.88	34.47
		For Work In Restricted Working Space, Add	*20.68*	

23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0175)*

23 05 29 00-0198	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	40.69	6.77
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0199	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	54.68	6.77
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0200	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	60.25	7.01
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-0201	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	98.47	7.26
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0202	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	107.27	7.74
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0203	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	186.90	7.74
		For Work In Restricted Working Space, Add	*4.63*	
23 05 29 00-0204	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	304.68	8.71
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0205	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	387.35	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0206	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	420.55	11.61
		For Work In Restricted Working Space, Add	*6.97*	
23 05 29 00-0207	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,320.77	13.55
		For Work In Restricted Working Space, Add	*8.13*	
23 05 29 00-0208	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,518.78	14.52
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0209	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,947.19	15.48
		For Work In Restricted Working Space, Add	*9.29*	

23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0175)*

Note: Type 8.

23 05 29 00-0211	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	18.71	5.81
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0212	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	19.57	5.91
		For Work In Restricted Working Space, Add	*3.54*	
23 05 29 00-0213	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	19.84	6.00
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0214	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	21.68	6.10
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0215	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	22.62	6.19
		For Work In Restricted Working Space, Add	*3.72*	
23 05 29 00-0216	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	23.20	6.29
		For Work In Restricted Working Space, Add	*3.77*	
23 05 29 00-0217	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	24.22	6.48
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0218	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	25.80	6.67
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0219	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	28.67	6.77
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0220	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	34.54	8.71
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0221	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	44.46	11.61
		For Work In Restricted Working Space, Add	*6.97*	
23 05 29 00-0222	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	56.50	14.52
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0223	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	78.83	16.94
		For Work In Restricted Working Space, Add	*10.16*	
23 05 29 00-0224	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	105.24	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0225	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	128.52	21.29
		For Work In Restricted Working Space, Add	*12.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0226	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	175.76	23.23
		For Work In Restricted Working Space, Add	*13.93*	
23 05 29 00-0227	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	345.52	25.16
		For Work In Restricted Working Space, Add	*15.10*	
23 05 29 00-0228		**Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)** *(23 05 29 00-0175)*		
23 05 29 00-0229	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.61	5.81
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0230	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	36.16	5.91
		For Work In Restricted Working Space, Add	*3.54*	
23 05 29 00-0231	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	37.73	6.00
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0232	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	40.52	6.10
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0233	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	46.18	6.19
		For Work In Restricted Working Space, Add	*3.72*	
23 05 29 00-0234	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	49.23	6.29
		For Work In Restricted Working Space, Add	*3.77*	
23 05 29 00-0235	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	53.47	6.48
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0236	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	59.02	6.67
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0237	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	80.11	8.71
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0238		**Two Bolt Steel Underground Clamp (Cooper B-Line B3132)** *(23 05 29 00-0175)* Note: Type 42		
23 05 29 00-0239	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	83.89	6.77
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0240	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	88.94	7.26
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0241	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	97.83	7.74
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0242	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	104.76	7.74
		For Work In Restricted Working Space, Add	*4.63*	
23 05 29 00-0243	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	127.12	8.71
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0244	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	405.10	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0245	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	543.50	11.61
		For Work In Restricted Working Space, Add	*6.97*	
23 05 29 00-0246	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	647.78	13.55
		For Work In Restricted Working Space, Add	*8.13*	
23 05 29 00-0247	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	946.75	14.52
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0248	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	1,307.57	15.48
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0249		**Four Bolt Steel Underground Clamp (Cooper B-Line B3134)** *(23 05 29 00-0175)*		
23 05 29 00-0250	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	77.12	6.77
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0251	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	83.14	7.26
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0252	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	148.29	7.74
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0253	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	165.41	7.74
		For Work In Restricted Working Space, Add	*4.63*	
23 05 29 00-0254	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	238.95	8.71
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0255	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	368.59	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0256	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	495.24	11.61
		For Work In Restricted Working Space, Add	*6.97*	
23 05 29 00-0257	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	589.60	13.55
		For Work In Restricted Working Space, Add	*8.13*	
23 05 29 00-0258	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	865.03	14.52
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0259	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	1,186.61	15.48
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0260		**Split Pipe Clamps And Rings** *(23 05 29 00-0001)*		
23 05 29 00-0261		**Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171)** *(23 05 29 00-0260)* Note: Type 6.		
23 05 29 00-0262	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	31.41	8.88
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-0263	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	33.27	9.41
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0264	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	36.05	10.45
		For Work In Restricted Working Space, Add	*6.27*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0265		EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	39.01	10.96
			For Work In Restricted Working Space, Add	*6.58*	
23 05 29 00-0266		EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	42.35	11.49
			For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0267		EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	53.54	12.01
			For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0268		EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	59.12	12.53
			For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0269		EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	80.16	14.10
			For Work In Restricted Working Space, Add	*8.46*	
23 05 29 00-0270		EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	102.01	17.76
			For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0271		EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	138.04	20.89
			For Work In Restricted Working Space, Add	*12.53*	
23 05 29 00-0272			Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0260)*		
			Note: Type 11.		
23 05 29 00-0273		EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	19.43	7.36
			For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0274		EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	20.53	7.36
			For Work In Restricted Working Space, Add	*4.70*	
23 05 29 00-0275		EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	22.54	9.45
			For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0276		EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	24.67	9.45
			For Work In Restricted Working Space, Add	*5.53*	
23 05 29 00-0277		EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	27.98	9.45
			For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0278		EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	33.11	10.51
			For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0279		EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	46.01	10.51
			For Work In Restricted Working Space, Add	*6.56*	
23 05 29 00-0280		EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	51.61	11.56
			For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0281		EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	54.74	12.61
			For Work In Restricted Working Space, Add	*7.51*	
23 05 29 00-0282			Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0260)*		
			Note: Type 12.		
23 05 29 00-0283		EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	19.43	7.36
			For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0284		EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	20.53	7.88
			For Work In Restricted Working Space, Add	*4.70*	
23 05 29 00-0285		EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	22.54	8.93
			For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0286		EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	24.67	9.45
			For Work In Restricted Working Space, Add	*5.53*	
23 05 29 00-0287		EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	27.98	9.45
			For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0288		EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	33.11	10.51
			For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0289		EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	46.01	11.03
			For Work In Restricted Working Space, Add	*6.56*	
23 05 29 00-0290		EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	51.61	11.56
			For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0291			Pipe Straps *(23 05 29 00-0001)*		
23 05 29 00-0292			Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0291)*		
23 05 29 00-0293		EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.12	5.25
			For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0294		EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.67	6.31
			For Work In Restricted Working Space, Add	*3.32*	
23 05 29 00-0295		EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.29	6.31
			For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0296		EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.10	6.31
			For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0297		EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.95	7.36
			For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0298		EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	18.66	7.36
			For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0299		EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	23.41	7.36
			For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0300		EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	30.86	7.36
			For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0301		EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	36.62	9.45
			For Work In Restricted Working Space, Add	*5.67*	
23 05 29 00-0302		EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	45.42	10.51
			For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0303		EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	57.48	11.56
			For Work In Restricted Working Space, Add	*6.93*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 29 00-0304 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0305	EA	1/2" Two Hole Copper-Clad Pipe Strap	5.89	
		For Work In Restricted Working Space, Add	*1.58*	
23 05 29 00-0306	EA	3/4" Two Hole Copper-Clad Pipe Strap	6.26	
		For Work In Restricted Working Space, Add	*1.65*	
23 05 29 00-0307	EA	1" Two Hole Copper-Clad Pipe Strap	7.09	
		For Work In Restricted Working Space, Add	*1.73*	
23 05 29 00-0308	EA	1-1/4" Two Hole Copper-Clad Pipe Strap	7.95	
		For Work In Restricted Working Space, Add	*1.82*	
23 05 29 00-0309	EA	1-1/2" Two Hole Copper-Clad Pipe Strap	8.57	
		For Work In Restricted Working Space, Add	*1.89*	
23 05 29 00-0310	EA	2" Two Hole Copper-Clad Pipe Strap	9.30	
		For Work In Restricted Working Space, Add	*2.05*	

23 05 29 00-0311 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0312	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.91	
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0313	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.52	
		For Work In Restricted Working Space, Add	*0.56*	
23 05 29 00-0314	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.79	
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0315	EA	1-1/4" Galvanized Steel Strap, 1 Hole	4.07	
		For Work In Restricted Working Space, Add	*0.66*	
23 05 29 00-0316	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.36	
		For Work In Restricted Working Space, Add	*0.72*	
23 05 29 00-0317	EA	2" Galvanized Steel Strap, 1 Hole	4.88	
		For Work In Restricted Working Space, Add	*0.79*	

23 05 29 00-0318 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

23 05 29 00-0319 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0318)*

Note: Up to 750# load.

23 05 29 00-0320	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	140.34	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*23.42*	
23 05 29 00-0321	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	142.48	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*23.85*	
23 05 29 00-0322	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	150.95	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*25.54*	

23 05 29 00-0323 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0318)*

Note: Up to 1500# load.

23 05 29 00-0324	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	347.27	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*64.81*	
23 05 29 00-0325	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	408.19	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*76.99*	
23 05 29 00-0326	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	532.41	11.61
		For Work In Restricted Working Space, Add	*6.97*	
		For Galvanized, Add	*101.84*	

23 05 29 00-0327 Pipe Alignment Guide *(23 05 29 00-0001)*

23 05 29 00-0328 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0327)*

23 05 29 00-0329	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	824.22	18.39
23 05 29 00-0330	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	825.18	18.87
23 05 29 00-0331	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	826.15	19.36
23 05 29 00-0332	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	827.12	19.84
23 05 29 00-0333	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	904.79	20.32
23 05 29 00-0334	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	920.59	22.26
23 05 29 00-0335	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	922.04	22.99
23 05 29 00-0336	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	923.49	23.71
23 05 29 00-0337	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	977.28	25.16
23 05 29 00-0338	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	1,135.26	31.93
23 05 29 00-0339	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	1,148.80	38.70
23 05 29 00-0340	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	1,286.70	48.38
23 05 29 00-0341	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	2,432.44	58.06
23 05 29 00-0342	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	3,720.55	77.41
23 05 29 00-0343	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	4,575.81	96.76
23 05 29 00-0344	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	5,519.42	108.37
23 05 29 00-0345	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	5,946.26	120.96

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0346	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	6,302.78	138.38
23 05 29 00-0347	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	7,990.90	145.15
23 05 29 00-0348		**Pipe Alignment Guide, 1-1/2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0349	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	825.18	18.87
23 05 29 00-0350	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	902.85	19.36
23 05 29 00-0351	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	903.82	19.84
23 05 29 00-0352	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	904.79	20.32
23 05 29 00-0353	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	905.76	20.81
23 05 29 00-0354	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	921.56	22.74
23 05 29 00-0355	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	923.01	23.47
23 05 29 00-0356	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	975.34	24.20
23 05 29 00-0357	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	978.24	25.65
23 05 29 00-0358	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	1,136.71	32.65
23 05 29 00-0359	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	1,150.74	39.67
23 05 29 00-0360	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	1,289.12	49.59
23 05 29 00-0361	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	2,435.34	59.51
23 05 29 00-0362	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	3,724.42	79.35
23 05 29 00-0363	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	4,580.65	99.18
23 05 29 00-0364	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	5,525.23	111.28
23 05 29 00-0365	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	5,952.07	123.86
23 05 29 00-0366	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	6,309.56	141.76
23 05 29 00-0367	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	7,998.16	148.77
23 05 29 00-0368		**Pipe Alignment Guide, 2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0369	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	902.85	19.36
23 05 29 00-0370	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	915.75	19.84
23 05 29 00-0371	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	916.72	20.32
23 05 29 00-0372	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	917.69	20.81
23 05 29 00-0373	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	918.65	21.29
23 05 29 00-0374	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	973.40	23.23
23 05 29 00-0375	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	975.34	24.20
23 05 29 00-0376	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	976.55	24.80
23 05 29 00-0377	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	1,123.64	26.13
23 05 29 00-0378	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	1,138.16	33.38
23 05 29 00-0379	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	1,271.23	40.64
23 05 29 00-0380	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	1,422.85	50.80
23 05 29 00-0381	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	2,438.24	60.96
23 05 29 00-0382	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	3,728.29	81.29
23 05 29 00-0383	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	4,585.49	101.60
23 05 29 00-0384	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	5,530.81	114.07
23 05 29 00-0385	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	5,958.36	127.00
23 05 29 00-0386	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	6,316.33	145.15
23 05 29 00-0387	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	8,005.42	152.40
23 05 29 00-0388		**Pipe Alignment Guide, 2-1/2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0389	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	915.75	19.84
23 05 29 00-0390	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	967.60	20.32
23 05 29 00-0391	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	968.57	20.81
23 05 29 00-0392	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	969.53	21.29
23 05 29 00-0393	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	970.50	21.78
23 05 29 00-0394	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	974.37	23.71
23 05 29 00-0395	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	976.55	24.80
23 05 29 00-0396	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	1,122.19	25.40
23 05 29 00-0397	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	1,124.61	26.61
23 05 29 00-0398	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	1,257.68	33.86
23 05 29 00-0399	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	1,273.16	41.61
23 05 29 00-0400		8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	2,420.34	52.01
23 05 29 00-0401	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	3,690.56	62.41
23 05 29 00-0402	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	4,548.71	83.22
23 05 29 00-0403	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	4,591.14	104.02
23 05 29 00-0404	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	5,536.84	117.08
23 05 29 00-0405	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	5,964.65	130.15
23 05 29 00-0406	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	6,323.59	148.77
23 05 29 00-0407	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	8,013.16	156.27
23 05 29 00-0408		**Pipe Alignment Guide, 3" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0409	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	967.60	20.32
23 05 29 00-0410	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	968.57	20.81
23 05 29 00-0411	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	969.53	21.29
23 05 29 00-0412	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	970.50	21.78
23 05 29 00-0413	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	971.47	22.26
23 05 29 00-0414	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	1,119.77	24.20
23 05 29 00-0415	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	1,122.19	25.40
23 05 29 00-0416	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	1,123.64	26.13
23 05 29 00-0417	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	1,244.51	27.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0418	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	1,259.61	34.83
23 05 29 00-0419	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	1,406.41	42.57
23 05 29 00-0420	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	2,422.76	53.22
23 05 29 00-0421	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	3,693.46	63.87
23 05 29 00-0422	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	4,552.58	85.16
23 05 29 00-0423	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	4,595.98	106.44
23 05 29 00-0424	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	5,542.65	119.99
23 05 29 00-0425	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	5,970.45	133.05
23 05 29 00-0426	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	6,330.85	152.40
23 05 29 00-0427	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	8,020.90	160.14

23 05 29 00-0428 Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0327)*

23 05 29 00-0429	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	968.57	20.81
23 05 29 00-0430	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	1,113.96	21.29
23 05 29 00-0431	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	1,114.93	21.78
23 05 29 00-0432	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	1,115.90	22.26
23 05 29 00-0433	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	1,116.87	22.74
23 05 29 00-0434	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	1,120.98	24.80
23 05 29 00-0435	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	1,123.45	26.03
23 05 29 00-0436	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	1,243.50	26.78
23 05 29 00-0437	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	1,246.06	28.07
23 05 29 00-0438	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	1,392.86	35.80
23 05 29 00-0439	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	2,403.41	43.54
23 05 29 00-0440	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	3,674.59	54.43
23 05 29 00-0441	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	4,514.03	65.46
23 05 29 00-0442	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	5,476.84	87.09
23 05 29 00-0443	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	5,520.87	109.10
23 05 29 00-0444	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	5,969.06	122.89
23 05 29 00-0445	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	6,298.91	136.44
23 05 29 00-0446	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	8,012.19	155.79

23 05 29 00-0447 Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0327)*

23 05 29 00-0448	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	1,113.96	21.29
23 05 29 00-0449	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	1,114.93	21.78
23 05 29 00-0450	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	1,115.90	22.26
23 05 29 00-0451	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	1,116.87	22.74
23 05 29 00-0452	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	1,117.83	23.23
23 05 29 00-0453	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	1,240.74	25.40
23 05 29 00-0454	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	1,243.16	26.61
23 05 29 00-0455	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	1,244.80	27.43
23 05 29 00-0456	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	1,378.82	28.79
23 05 29 00-0457	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	2,389.86	36.77
23 05 29 00-0458	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	2,405.34	44.51
23 05 29 00-0459	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	3,677.01	55.64
23 05 29 00-0460	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	4,517.60	67.25
23 05 29 00-0461	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	5,481.20	89.26
23 05 29 00-0462	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	5,926.91	111.28
23 05 29 00-0463	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	6,277.63	125.79
23 05 29 00-0464	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	7,981.22	140.31

23 05 29 00-0465 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

23 05 29 00-0466	EA	1-1/2" Sway Bracing	152.27	12.77
		For Work In Restricted Working Space, Add	*7.64*	
23 05 29 00-0467	EA	2" Sway Bracing	156.70	13.45
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0468	EA	3" Sway Bracing	162.13	14.22
		For Work In Restricted Working Space, Add	*8.54*	
23 05 29 00-0469	EA	4" Sway Bracing	184.04	16.16
		For Work In Restricted Working Space, Add	*9.68*	
23 05 29 00-0470	EA	6" Sway Bracing	269.73	24.20
		For Work In Restricted Working Space, Add	*14.51*	
23 05 29 00-0471	EA	8" Sway Bracing	296.86	30.19
		For Work In Restricted Working Space, Add	*18.14*	
23 05 29 00-0472	EA	10" Sway Bracing	331.16	40.36
		For Work In Restricted Working Space, Add	*24.19*	

23 05 29 00-0473 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0474	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	325.20	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0475	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	332.24	10.65
		For Work In Restricted Working Space, Add	*6.39*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0476		EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	658.81	12.10
			For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0477		EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	806.54	13.55
			For Work In Restricted Working Space, Add	*8.13*	
23 05 29 00-0478		EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	816.44	15.00
			For Work In Restricted Working Space, Add	*9.00*	
23 05 29 00-0479		EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	897.35	16.94
			For Work In Restricted Working Space, Add	*10.16*	
23 05 29 00-0480		EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,071.47	18.39
			For Work In Restricted Working Space, Add	*11.03*	
23 05 29 00-0481		EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,083.60	19.84
			For Work In Restricted Working Space, Add	*11.90*	
23 05 29 00-0482		EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,099.10	21.78
			For Work In Restricted Working Space, Add	*13.06*	
23 05 29 00-0483		EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,144.02	23.71
			For Work In Restricted Working Space, Add	*14.22*	
23 05 29 00-0484		EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,224.96	26.13
			For Work In Restricted Working Space, Add	*15.68*	
23 05 29 00-0485		EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,260.69	29.03
			For Work In Restricted Working Space, Add	*17.42*	
23 05 29 00-0486		EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,537.83	31.93
			For Work In Restricted Working Space, Add	*19.16*	
23 05 29 00-0487		EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,676.57	35.80
			For Work In Restricted Working Space, Add	*21.48*	
23 05 29 00-0488		EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,372.58	39.67
			For Work In Restricted Working Space, Add	*23.81*	
23 05 29 00-0489		EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,922.94	43.54
			For Work In Restricted Working Space, Add	*26.13*	
23 05 29 00-0490		EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,508.69	47.41
			For Work In Restricted Working Space, Add	*28.45*	

23 05 29 00-0491 Channel Mounted Cushion Clamp *(23 05 29 00-0001)*

Note: Includes fastening into channel.

23 05 29 00-0492		EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	12.73	4.36
23 05 29 00-0493		EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	13.41	4.84
23 05 29 00-0494		EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	15.09	5.08
23 05 29 00-0495		EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	16.26	5.32
23 05 29 00-0496		EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	18.27	5.81
23 05 29 00-0497		EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	20.80	6.05
23 05 29 00-0498		EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	27.44	6.29
23 05 29 00-0499		EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	30.50	6.77
23 05 29 00-0500		EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	38.00	7.74
23 05 29 00-0501		EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	60.23	8.71

23 05 29 00-0502 Galvanized Steel Cushion Tube Clamp (KMC) *(23 05 29 00-0001)*

Note: Excludes fastening bolt and drilling if necessary.

23 05 29 00-0503		EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.67	
23 05 29 00-0504		EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.80	
23 05 29 00-0505		EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.88	
23 05 29 00-0506		EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.09	
23 05 29 00-0507		EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.84	
23 05 29 00-0508		EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.22	
23 05 29 00-0509		EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.99	
23 05 29 00-0510		EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.45	
23 05 29 00-0511		EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	4.47	
23 05 29 00-0512		EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0513	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.40	
23 05 29 00-0514	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.05	
23 05 29 00-0515	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.42	
23 05 29 00-0516	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.84	
23 05 29 00-0517	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.53	
23 05 29 00-0518	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.59	
23 05 29 00-0519	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.97	
23 05 29 00-0520	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.72	
23 05 29 00-0521	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	6.95	
23 05 29 00-0522	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.07	
23 05 29 00-0523	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.16	
23 05 29 00-0524	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.18	
23 05 29 00-0525	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.07	
23 05 29 00-0526	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.61	
23 05 29 00-0527	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.47	
23 05 29 00-0528	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.01	
23 05 29 00-0529	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	10.12	
23 05 29 00-0530	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.41	
23 05 29 00-0531	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.20	
23 05 29 00-0532	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	10.57	
23 05 29 00-0533		**Rooftop Pipe Supports** *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0534		**Rooftop Support Base** *(23 05 29 00-0533)*		
23 05 29 00-0535	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	40.96	7.88
23 05 29 00-0536	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	57.38	10.51
23 05 29 00-0537		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0533)*		
23 05 29 00-0538	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	47.24	7.88
23 05 29 00-0539	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	67.57	10.51
23 05 29 00-0540	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	128.80	13.13
23 05 29 00-0541	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	179.56	15.76
23 05 29 00-0542	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	250.87	18.39
23 05 29 00-0543	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	263.53	21.02
23 05 29 00-0544		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0533)*		
23 05 29 00-0545	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	84.23	10.51
23 05 29 00-0546	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	136.23	13.13
23 05 29 00-0547	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	182.54	15.76
23 05 29 00-0548	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	251.04	18.39
23 05 29 00-0549	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	285.59	15.76
23 05 29 00-0550		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0533)*		
23 05 29 00-0551	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	142.26	15.76
23 05 29 00-0552	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	161.75	18.39
23 05 29 00-0553	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	166.94	21.02
23 05 29 00-0554	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	182.31	23.64
23 05 29 00-0555	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	235.90	26.27
23 05 29 00-0556		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0533)*		
23 05 29 00-0557	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	103.96	10.51
23 05 29 00-0558	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	103.96	10.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0559	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	104.58	10.51
23 05 29 00-0560	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	110.47	13.13
23 05 29 00-0561	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	105.91	13.13
23 05 29 00-0562	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	111.76	13.13
23 05 29 00-0563		Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly *(23 05 29 00-0533)*		
23 05 29 00-0564	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	133.81	10.51
23 05 29 00-0565	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	150.18	10.51
23 05 29 00-0566	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	197.27	13.13
23 05 29 00-0567	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	264.18	13.13
23 05 29 00-0568	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	363.55	13.13
23 05 29 00-0569		Rooftop Support Base And Adjustable Height Roller Assembly *(23 05 29 00-0533)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0570	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	164.94	15.76
23 05 29 00-0571		Rooftop Support Base And Adjustable Height Channel Assembly *(23 05 29 00-0533)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0572	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	106.22	13.13
23 05 29 00-0573	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	146.23	15.76
23 05 29 00-0574	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	162.51	18.39
23 05 29 00-0575		Rooftop Support Bases With Channel Support And Risers Assembly *(23 05 29 00-0533)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0576	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	408.42	21.02
23 05 29 00-0577	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	413.13	21.02
23 05 29 00-0578	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	429.65	21.02
23 05 29 00-0579	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	467.57	21.02
23 05 29 00-0580	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	400.01	21.02
23 05 29 00-0581	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	415.82	21.02
23 05 29 00-0582	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	432.34	21.02
23 05 29 00-0583	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	470.25	21.02
23 05 29 00-0584	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	418.80	21.02
23 05 29 00-0585	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	424.32	21.02
23 05 29 00-0586	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	440.52	21.02
23 05 29 00-0587	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	478.59	21.02
23 05 29 00-0588	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	437.99	21.02
23 05 29 00-0589	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	443.03	21.02
23 05 29 00-0590	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	459.23	21.02
23 05 29 00-0591	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	497.30	21.02
23 05 29 00-0592		Threaded Rod, Accessories And Attachments *(23 05 29)*		
23 05 29 00-0593		Threaded Rod And Rod Accessories *(23 05 29 00-0592)*		
23 05 29 00-0594		Threaded Rod *(23 05 29 00-0593)* Note: Fully threaded.		
23 05 29 00-0595	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.08	0.66
		For Work In Restricted Working Space, Add	*0.39*	
		For Galvanized, Add	*0.71*	
		For Zinc Plated, Add	*0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0596	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.22	0.71
		For Work In Restricted Working Space, Add	*0.42*	
		For Galvanized, Add	*1.13*	
		For Zinc Plated, Add	*0.80*	
23 05 29 00-0597	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.81	0.73
		For Work In Restricted Working Space, Add	*0.44*	
		For Galvanized, Add	*1.74*	
		For Zinc Plated, Add	*1.24*	
23 05 29 00-0598	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.42	0.75
		For Work In Restricted Working Space, Add	*0.45*	
		For Galvanized, Add	*3.17*	
		For Zinc Plated, Add	*2.26*	
23 05 29 00-0599	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.25	0.78
		For Work In Restricted Working Space, Add	*0.46*	
		For Galvanized, Add	*3.48*	
		For Zinc Plated, Add	*2.48*	
23 05 29 00-0600	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.98	0.88
		For Work In Restricted Working Space, Add	*0.53*	
		For Galvanized, Add	*4.89*	
		For Zinc Plated, Add	*3.49*	
23 05 29 00-0601	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.38	0.97
		For Work In Restricted Working Space, Add	*0.59*	
		For Galvanized, Add	*6.17*	
		For Zinc Plated, Add	*4.40*	

23 05 29 00-0602 Rod Couplings *(23 05 29 00-0593)*

23 05 29 00-0603	EA	3/8" Diameter, Threaded Rod Coupling Nut	7.67	
		For Work In Restricted Working Space, Add	*1.94*	
23 05 29 00-0604	EA	1/2" Diameter, Threaded Rod Coupling Nut	8.70	
		For Work In Restricted Working Space, Add	*2.15*	
23 05 29 00-0605	EA	5/8" Diameter, Threaded Rod Coupling Nut	10.78	
		For Work In Restricted Working Space, Add	*2.42*	
23 05 29 00-0606	EA	3/4" Diameter, Threaded Rod Coupling Nut	13.05	
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0607	EA	7/8" Diameter, Threaded Rod Coupling Nut	18.79	
		For Work In Restricted Working Space, Add	*2.90*	
23 05 29 00-0608	EA	1" Diameter, Threaded Rod Coupling Nut	22.29	
		For Work In Restricted Working Space, Add	*3.42*	
23 05 29 00-0609	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	41.75	
		For Work In Restricted Working Space, Add	*3.87*	

23 05 29 00-0610 Flat Washers *(23 05 29 00-0593)*

Note: Zinc plated.

23 05 29 00-0611	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.54	0.21
		For Work In Restricted Working Space, Add	*0.13*	
		For Galvanized, Add	*0.03*	
23 05 29 00-0612	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.72	0.21
		For Work In Restricted Working Space, Add	*0.15*	
		For Galvanized, Add	*0.06*	
23 05 29 00-0613	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.02	0.31
		For Work In Restricted Working Space, Add	*0.17*	
		For Galvanized, Add	*0.11*	
23 05 29 00-0614	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	0.31
		For Work In Restricted Working Space, Add	*0.23*	
		For Galvanized, Add	*0.16*	
23 05 29 00-0615	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.64	0.42
		For Work In Restricted Working Space, Add	*0.26*	
		For Galvanized, Add	*0.19*	
23 05 29 00-0616	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.92	0.42
		For Work In Restricted Working Space, Add	*0.29*	
		For Galvanized, Add	*0.24*	
23 05 29 00-0617	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.16	0.52
		For Work In Restricted Working Space, Add	*0.33*	
		For Galvanized, Add	*0.27*	

23 05 29 00-0618 Hex Nuts *(23 05 29 00-0593)*

Note: Grade 2 and zinc plated.

23 05 29 00-0619	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.26
		For Work In Restricted Working Space, Add	*0.18*	
		For Galvanized, Add	*0.02*	
23 05 29 00-0620	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.86	0.26
		For Work In Restricted Working Space, Add	*0.20*	
		For Galvanized, Add	*0.05*	
23 05 29 00-0621	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.15	0.26
		For Work In Restricted Working Space, Add	*0.21*	
		For Galvanized, Add	*0.11*	
23 05 29 00-0622	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.33	0.52
		For Work In Restricted Working Space, Add	*0.22*	
		For Galvanized, Add	*0.15*	
23 05 29 00-0623	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.91	0.52
		For Work In Restricted Working Space, Add	*0.23*	
		For Galvanized, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0624	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.41	0.52
		For Work In Restricted Working Space, Add	*0.26*	
		For Galvanized, Add	*0.38*	
23 05 29 00-0625	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.87	0.52
		For Work In Restricted Working Space, Add	*0.29*	
		For Galvanized, Add	*0.72*	

23 05 29 00-0626 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0593)*

Note: Type 13.

23 05 29 00-0627	EA	3/8" Turnbuckle (Cooper B-Line B3202)	29.57	5.25
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0628	EA	1/2" Turnbuckle (Cooper B-Line B3202)	35.38	5.78
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0629	EA	5/8" Turnbuckle (Cooper B-Line B3202)	37.91	6.31
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0630	EA	3/4" Turnbuckle (Cooper B-Line B3202)	48.21	7.36
		For Work In Restricted Working Space, Add	*4.51*	
23 05 29 00-0631	EA	7/8" Turnbuckle (Cooper B-Line B3202)	63.01	7.88
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0632	EA	1" Turnbuckle (Cooper B-Line B3202)	78.45	8.41
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0633	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	109.75	9.46
		For Work In Restricted Working Space, Add	*7.88*	

23 05 29 00-0634 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0593)*

Note: Type 15.

23 05 29 00-0635	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	17.53	5.25
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0636	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	20.43	5.88
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0637	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	27.82	6.52
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0638	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	33.91	7.46
		For Work In Restricted Working Space, Add	*4.51*	

23 05 29 00-0639 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0593)*

Note: Type 14.

23 05 29 00-0640	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	103.49	9.68
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0641	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	155.24	10.16
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0642	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	168.07	10.65
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0643	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	174.89	11.61
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0644	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	183.51	13.07
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0645	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	308.65	16.94
		For Work In Restricted Working Space, Add	*10.16*	
23 05 29 00-0646	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	334.38	19.36
		For Work In Restricted Working Space, Add	*11.61*	
23 05 29 00-0647	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	393.34	24.20
		For Work In Restricted Working Space, Add	*14.51*	

23 05 29 00-0648 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0593)*

23 05 29 00-0649	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	29.11	5.67
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0650	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	30.09	5.78
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0651	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	31.07	5.88
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0652	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	31.29	5.99
		For Work In Restricted Working Space, Add	*3.61*	
23 05 29 00-0653	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	33.26	6.20
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0654	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	35.48	6.62
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0655	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	36.89	6.93
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-0656	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	39.87	7.25
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0657	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	42.06	7.57
		For Work In Restricted Working Space, Add	*4.53*	
23 05 29 00-0658	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	44.26	7.88
		For Work In Restricted Working Space, Add	*4.73*	
23 05 29 00-0659	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	39.55	6.31
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0660	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	40.53	6.41
		For Work In Restricted Working Space, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0661	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	41.56	6.52
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0662	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	42.57	6.62
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0663	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	44.56	6.83
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0664	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	48.35	7.26
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0665	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	51.36	7.57
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0666	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	55.15	7.88
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0667	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	58.12	8.31
		For Work In Restricted Working Space, Add	*4.97*	
23 05 29 00-0668	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	61.15	8.62
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0669	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	54.14	7.05
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0670	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	55.90	7.15
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0671	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	57.71	7.26
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0672	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	58.72	7.46
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0673	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	61.51	7.67
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0674	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	66.09	7.99
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0675	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	70.65	8.41
		For Work In Restricted Working Space, Add	*5.03*	
23 05 29 00-0676	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	74.46	8.73
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0677	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	79.04	9.14
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0678	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	83.60	9.46
		For Work In Restricted Working Space, Add	*5.68*	
23 05 29 00-0679	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	66.83	7.99
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0680	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	69.40	8.09
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0681	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	71.18	8.31
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0682	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	73.74	8.41
		For Work In Restricted Working Space, Add	*5.03*	
23 05 29 00-0683	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	78.09	8.62
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0684	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	84.20	9.04
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0685	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	90.34	9.35
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0686	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	97.26	9.78
		For Work In Restricted Working Space, Add	*5.85*	
23 05 29 00-0687	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	104.13	10.09
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0688	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	110.28	10.51
		For Work In Restricted Working Space, Add	*6.30*	
23 05 29 00-0689	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	80.17	9.25
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0690	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	83.51	9.46
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0691	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	86.08	9.57
		For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0692	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	88.64	9.67
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0693	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	93.80	9.99
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0694	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	102.25	10.30
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0695	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	109.95	10.73
		For Work In Restricted Working Space, Add	*6.43*	
23 05 29 00-0696	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	118.43	11.14
		For Work In Restricted Working Space, Add	*6.67*	
23 05 29 00-0697	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	126.14	11.46
		For Work In Restricted Working Space, Add	*6.90*	
23 05 29 00-0698	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	133.85	11.87
		For Work In Restricted Working Space, Add	*7.13*	
23 05 29 00-0699	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	100.70	11.14
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0700	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	104.07	11.25
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0701	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	107.46	11.35
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0702	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	110.82	11.56
		For Work In Restricted Working Space, Add	*6.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0703	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	117.54	11.87
		For Work In Restricted Working Space, Add	*7.10*	
23 05 29 00-0704	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	127.67	12.30
		For Work In Restricted Working Space, Add	*7.36*	
23 05 29 00-0705	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	137.79	12.72
		For Work In Restricted Working Space, Add	*7.62*	
23 05 29 00-0706	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	148.63	13.13
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0707	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	158.75	13.56
		For Work In Restricted Working Space, Add	*8.15*	
23 05 29 00-0708	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	168.88	13.98
		For Work In Restricted Working Space, Add	*8.41*	

23 05 29 00-0709 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0593)*

23 05 29 00-0710	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	63.10	7.67
		For Work In Restricted Working Space, Add	*4.63*	
23 05 29 00-0711	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	64.80	7.88
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0712	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	66.49	8.19
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0713	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	67.16	8.51
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0714	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	70.35	8.83
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0715	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	74.28	9.45
		For Work In Restricted Working Space, Add	*5.67*	
23 05 29 00-0716	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	76.84	10.09
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0717	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	82.03	10.82
		For Work In Restricted Working Space, Add	*6.46*	
23 05 29 00-0718	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	82.31	8.52
		For Work In Restricted Working Space, Add	*5.11*	
23 05 29 00-0719	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	84.04	8.73
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0720	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	85.83	8.93
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0721	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	87.81	9.35
		For Work In Restricted Working Space, Add	*5.60*	
23 05 29 00-0722	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	91.05	9.67
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0723	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	97.58	10.40
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0724	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	102.85	11.04
		For Work In Restricted Working Space, Add	*6.65*	
23 05 29 00-0725	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	109.39	11.77
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0726	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	111.17	9.46
		For Work In Restricted Working Space, Add	*5.70*	
23 05 29 00-0727	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	114.20	9.78
		For Work In Restricted Working Space, Add	*5.85*	
23 05 29 00-0728	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	117.27	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0729	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	119.29	10.40
		For Work In Restricted Working Space, Add	*6.21*	
23 05 29 00-0730	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	123.86	10.73
		For Work In Restricted Working Space, Add	*6.43*	
23 05 29 00-0731	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	131.73	11.46
		For Work In Restricted Working Space, Add	*6.86*	
23 05 29 00-0732	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	139.57	12.20
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0733	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	146.16	12.93
		For Work In Restricted Working Space, Add	*7.74*	
23 05 29 00-0734	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	141.25	10.73
		For Work In Restricted Working Space, Add	*6.46*	
23 05 29 00-0735	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	145.65	11.04
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0736	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	148.68	11.25
		For Work In Restricted Working Space, Add	*6.76*	
23 05 29 00-0737	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	153.28	11.66
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0738	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	160.43	11.99
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0739	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	170.88	12.72
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0740	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	181.36	13.46
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0741	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	193.13	14.29
		For Work In Restricted Working Space, Add	*8.55*	
23 05 29 00-0742	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	169.92	12.40
		For Work In Restricted Working Space, Add	*7.47*	
23 05 29 00-0743	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	175.58	12.72
		For Work In Restricted Working Space, Add	*7.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0744	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	179.97	12.93
		For Work In Restricted Working Space, Add	*7.78*	
23 05 29 00-0745	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	184.57	13.35
		For Work In Restricted Working Space, Add	*8.01*	
23 05 29 00-0746	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	193.08	13.77
		For Work In Restricted Working Space, Add	*8.25*	
23 05 29 00-0747	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	207.44	14.51
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0748	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	220.53	15.34
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0749	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	234.91	16.08
		For Work In Restricted Working Space, Add	*9.65*	
23 05 29 00-0750	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	217.01	14.82
		For Work In Restricted Working Space, Add	*8.90*	
23 05 29 00-0751	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	222.72	15.14
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0752	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	228.44	15.45
		For Work In Restricted Working Space, Add	*9.25*	
23 05 29 00-0753	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	234.46	15.88
		For Work In Restricted Working Space, Add	*9.51*	
23 05 29 00-0754	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	245.55	16.29
		For Work In Restricted Working Space, Add	*9.78*	
23 05 29 00-0755	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	262.72	17.14
		For Work In Restricted Working Space, Add	*10.30*	
23 05 29 00-0756	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	279.90	18.08
		For Work In Restricted Working Space, Add	*10.83*	
23 05 29 00-0757	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	298.25	18.92
		For Work In Restricted Working Space, Add	*11.35*	

23 05 29 00-0758 Attachments *(23 05 29 00-0592)*

23 05 29 00-0759 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0758)*

Note: Type 22.

23 05 29 00-0760	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	46.79	9.82
		For Work In Restricted Working Space, Add	*5.89*	
23 05 29 00-0761	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	49.97	10.31
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0762	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	53.22	10.90
		For Work In Restricted Working Space, Add	*6.55*	
23 05 29 00-0763	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	68.58	11.59
		For Work In Restricted Working Space, Add	*6.93*	
23 05 29 00-0764	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	82.74	12.28
		For Work In Restricted Working Space, Add	*7.37*	
23 05 29 00-0765	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	116.90	14.05
		For Work In Restricted Working Space, Add	*8.42*	
23 05 29 00-0766	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	167.02	14.73
		For Work In Restricted Working Space, Add	*8.84*	

23 05 29 00-0767 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0758)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0768	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	16.45	5.36
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0769	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	19.76	6.83
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0770	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	22.50	7.36
		For Work In Restricted Working Space, Add	*4.51*	
23 05 29 00-0771	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	29.14	7.88
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0772	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	42.72	8.41
		For Work In Restricted Working Space, Add	*5.26*	

23 05 29 00-0773 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0758)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0774	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	46.67	7.36
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0775	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	69.08	9.46
		For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0776	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	99.16	10.51
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0777	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	118.81	11.56
		For Work In Restricted Working Space, Add	*7.01*	
23 05 29 00-0778	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	289.84	12.61
		For Work In Restricted Working Space, Add	*7.88*	

23 05 29 00-0779 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0758)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0780	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	13.43	2.63
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0781	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	14.60	3.15
		For Work In Restricted Working Space, Add	*3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0782	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.73	3.15
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0783	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	17.94	3.15
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0784	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	18.50	3.68
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0785	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	19.80	3.68
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0786	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	28.90	3.68
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0787	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	31.88	4.20
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0788	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	38.66	4.73
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0789		**Copper Standoff Brackets With Flange** *(23 05 29 00-0758)*		
		Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0790	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	32.21	15.03
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0791	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	32.34	15.03
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0792	EA	Clamp Size 1", Copper Standoff Brackets With Flange	32.48	15.03
		For Work In Restricted Working Space, Add	*9.01*	
23 05 29 00-0793	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	34.56	15.98
		For Work In Restricted Working Space, Add	*9.56*	
23 05 29 00-0794	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	34.83	15.98
		For Work In Restricted Working Space, Add	*9.56*	
23 05 29 00-0795		**Malleable Iron Eye Sockets (B-Line B-3222)** *(23 05 29 00-0758)*		
		Note: Type 16.		
23 05 29 00-0796	EA	3/8" Rod Size, Malleable Iron Eye Socket	10.54	1.57
		For Work In Restricted Working Space, Add	*0.96*	
23 05 29 00-0797	EA	1/2" Rod Size, Malleable Iron Eye Socket	13.42	2.11
		For Work In Restricted Working Space, Add	*1.26*	
23 05 29 00-0798	EA	5/8" Rod Size, Malleable Iron Eye Socket	23.18	2.11
		For Work In Restricted Working Space, Add	*1.27*	
23 05 29 00-0799	EA	3/4" Rod Size, Malleable Iron Eye Socket	32.74	2.11
		For Work In Restricted Working Space, Add	*1.26*	
23 05 29 00-0800	EA	7/8" Rod Size, Malleable Iron Eye Socket	35.33	2.63
		For Work In Restricted Working Space, Add	*1.58*	
23 05 29 00-0801		**Steel Weldless Eye Nuts (B-Line B-3200)** *(23 05 29 00-0758)*		
		Note: Type 17.		
23 05 29 00-0802	EA	3/8" Rod Size, Steel Weldless Eye Nut	34.59	1.57
		For Work In Restricted Working Space, Add	*0.96*	
23 05 29 00-0803	EA	1/2" Rod Size, Steel Weldless Eye Nut	35.60	2.11
		For Work In Restricted Working Space, Add	*1.26*	
23 05 29 00-0804	EA	5/8" Rod Size, Steel Weldless Eye Nut	35.64	2.11
		For Work In Restricted Working Space, Add	*1.27*	
23 05 29 00-0805	EA	3/4" Rod Size, Steel Weldless Eye Nut	35.60	2.11
		For Work In Restricted Working Space, Add	*1.26*	
23 05 29 00-0806	EA	7/8" Rod Size, Steel Weldless Eye Nut	69.53	2.31
		For Work In Restricted Working Space, Add	*1.42*	
23 05 29 00-0807	EA	1" Rod Size, Steel Weldless Eye Nut	70.05	2.63
		For Work In Restricted Working Space, Add	*1.58*	
23 05 29 00-0808		**Top Mount I-Beam Clamps (B-Line B-3042)** *(23 05 29 00-0758)*		
		Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0809	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	23.15	4.91
		For Work In Restricted Working Space, Add	*2.95*	
23 05 29 00-0810	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	27.88	5.40
		For Work In Restricted Working Space, Add	*3.25*	
23 05 29 00-0811	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	33.84	5.89
		For Work In Restricted Working Space, Add	*3.57*	
23 05 29 00-0812	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	46.66	6.38
		For Work In Restricted Working Space, Add	*3.75*	
23 05 29 00-0813	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	71.80	7.37
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0814	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	24.39	4.91
		For Work In Restricted Working Space, Add	*2.95*	
23 05 29 00-0815	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	29.63	5.40
		For Work In Restricted Working Space, Add	*3.25*	
23 05 29 00-0816	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	33.84	5.89
		For Work In Restricted Working Space, Add	*3.57*	
23 05 29 00-0817	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	51.26	6.38
		For Work In Restricted Working Space, Add	*3.75*	
23 05 29 00-0818	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	79.66	7.37
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0819	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	27.27	4.91
		For Work In Restricted Working Space, Add	*2.95*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0820	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp		32.87	5.40
		For Work In Restricted Working Space, Add		*3.25*	
23 05 29 00-0821	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp		41.42	5.89
		For Work In Restricted Working Space, Add		*3.57*	
23 05 29 00-0822	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp		59.86	6.38
		For Work In Restricted Working Space, Add		*3.75*	
23 05 29 00-0823	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp		96.48	7.37
		For Work In Restricted Working Space, Add		*4.42*	
23 05 29 00-0824		Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0758)*			
		Note: Type 34.			
23 05 29 00-0825	EA	3/8" Rod Size, Side Beam Bracket		18.50	6.83
		For Work In Restricted Working Space, Add		*3.94*	
23 05 29 00-0826	EA	1/2" Rod Size, Side Beam Bracket		21.98	6.83
		For Work In Restricted Working Space, Add		*4.20*	
23 05 29 00-0827	EA	5/8" Rod Size, Side Beam Bracket		28.61	7.36
		For Work In Restricted Working Space, Add		*4.51*	
23 05 29 00-0828	EA	3/4" Rod Size, Side Beam Bracket		51.32	7.88
		For Work In Restricted Working Space, Add		*4.85*	
23 05 29 00-0829	EA	7/8" Rod Size, Side Beam Bracket		60.14	8.93
		For Work In Restricted Working Space, Add		*5.26*	
23 05 29 00-0830		Hex Lag Bolts *(23 05 29 00-0758)*			
		Note: Also known as coach screws.			
23 05 29 00-0831	EA	3/8" x 3-1/2" Long, Hex Lag Bolt		2.79	
		For Work In Restricted Working Space, Add		*0.66*	
23 05 29 00-0832	EA	3/8" x 4" Long, Hex Lag Bolt		2.84	
		For Work In Restricted Working Space, Add		*0.68*	
23 05 29 00-0833	EA	3/8" x 6" Long, Hex Lag Bolt		3.17	
		For Work In Restricted Working Space, Add		*0.71*	
23 05 29 00-0834	EA	3/8" x 8" Long, Hex Lag Bolt		3.77	
		For Work In Restricted Working Space, Add		*0.73*	
23 05 29 00-0835	EA	3/8" x 10" Long, Hex Lag Bolt		4.02	
		For Work In Restricted Working Space, Add		*0.76*	
23 05 29 00-0836	EA	3/8" x 12" Long, Hex Lag Bolt		5.03	
		For Work In Restricted Working Space, Add		*0.79*	
23 05 29 00-0837	EA	1/2" x 3-1/2" Long, Hex Lag Bolt		3.78	
		For Work In Restricted Working Space, Add		*0.79*	
23 05 29 00-0838	EA	1/2" x 4" Long, Hex Lag Bolt		3.84	
		For Work In Restricted Working Space, Add		*0.82*	
23 05 29 00-0839	EA	1/2" x 6" Long, Hex Lag Bolt		4.42	
		For Work In Restricted Working Space, Add		*0.86*	
23 05 29 00-0840	EA	1/2" x 8" Long, Hex Lag Bolt		5.09	
		For Work In Restricted Working Space, Add		*0.89*	
23 05 29 00-0841	EA	1/2" x 10" Long, Hex Lag Bolt		5.96	
		For Work In Restricted Working Space, Add		*0.94*	
23 05 29 00-0842	EA	1/2" x 12" Long, Hex Lag Bolt		6.39	
		For Work In Restricted Working Space, Add		*0.98*	
23 05 29 00-0843	EA	5/8" x 4" Long, Hex Lag Bolt		5.16	
		For Work In Restricted Working Space, Add		*0.88*	
23 05 29 00-0844	EA	3/4" x 5" Long, Hex Lag Bolt		5.99	
		For Work In Restricted Working Space, Add		*0.89*	
23 05 29 00-0845		Hanger Strap *(23 05 29 00-0592)*			
23 05 29 00-0846	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap		5.10	
23 05 29 00-0847		Shields And Saddles *(23 05 29)*			
23 05 29 00-0848		Insulation Protection Shield *(23 05 29 00-0847)*			
		Note: Type 40.			
23 05 29 00-0849		Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0848)*			
23 05 29 00-0850	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		16.33	2.52
		For Work In Restricted Working Space, Add		*2.52*	
23 05 29 00-0851	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		16.58	2.55
		For Work In Restricted Working Space, Add		*2.56*	
23 05 29 00-0852	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		17.01	2.59
		For Work In Restricted Working Space, Add		*2.59*	
23 05 29 00-0853	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		17.88	2.62
		For Work In Restricted Working Space, Add		*2.62*	
23 05 29 00-0854	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		19.94	2.68
		For Work In Restricted Working Space, Add		*2.68*	
23 05 29 00-0855	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)		24.77	2.74
		For Work In Restricted Working Space, Add		*2.74*	
23 05 29 00-0856	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)		29.12	2.80
		For Work In Restricted Working Space, Add		*2.81*	
23 05 29 00-0857	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)		36.06	2.87
		For Work In Restricted Working Space, Add		*2.87*	
23 05 29 00-0858	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)		46.92	2.90
		For Work In Restricted Working Space, Add		*2.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0859	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	51.30	2.93
		For Work In Restricted Working Space, Add	*2.93*	
23 05 29 00-0860	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	71.48	2.96
		For Work In Restricted Working Space, Add	*2.96*	
23 05 29 00-0861	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	80.58	2.99
		For Work In Restricted Working Space, Add	*3.00*	
23 05 29 00-0862	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	151.52	3.02
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0863	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	164.87	3.09
		For Work In Restricted Working Space, Add	*3.09*	
23 05 29 00-0864	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	199.74	3.16
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0865		Insulation Protection Shield (Cooper B-Line B3154) *(23 05 29 00-0848)*		
23 05 29 00-0866	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.15	2.52
		For Work In Restricted Working Space, Add	*2.52*	
23 05 29 00-0867	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.36	2.55
		For Work In Restricted Working Space, Add	*2.56*	
23 05 29 00-0868	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.70	2.59
		For Work In Restricted Working Space, Add	*2.59*	
23 05 29 00-0869	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	15.36	2.62
		For Work In Restricted Working Space, Add	*2.62*	
23 05 29 00-0870	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.92	2.68
		For Work In Restricted Working Space, Add	*2.68*	
23 05 29 00-0871	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	20.47	2.74
		For Work In Restricted Working Space, Add	*2.74*	
23 05 29 00-0872	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	22.12	2.80
		For Work In Restricted Working Space, Add	*2.81*	
23 05 29 00-0873	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	28.78	2.87
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0874	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	34.97	2.90
		For Work In Restricted Working Space, Add	*2.90*	
23 05 29 00-0875		Pipe Covering Protection Saddle *(23 05 29 00-0847)*		
		Note: Sizes are pipe sizes.		
23 05 29 00-0876		Saddle, For 1" Insulation (Cooper B-Line B3160) *(23 05 29 00-0875)*		
23 05 29 00-0877	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.42	3.48
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0878	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.51	3.51
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0879	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.62	3.54
		For Work In Restricted Working Space, Add	*3.54*	
23 05 29 00-0880	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.98	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0881	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	27.08	3.62
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0882	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	28.03	3.68
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0883	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	31.49	3.74
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0884	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	35.72	3.80
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0885	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	40.48	3.92
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0886	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	49.92	4.06
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0887	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	56.18	4.12
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0888	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	67.22	4.12
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0889	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	73.68	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0890		Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0875)*		
23 05 29 00-0891	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.10	3.48
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0892	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.19	3.51
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0893	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.30	3.54
		For Work In Restricted Working Space, Add	*3.54*	
23 05 29 00-0894	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	30.42	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0895	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	33.08	3.62
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0896	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	35.83	3.68
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0897	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	36.43	3.74
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0898	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	41.80	3.74
		For Work In Restricted Working Space, Add	*3.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0899	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	47.36	3.92
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0900	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	56.67	4.06
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0901	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	64.16	4.12
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0902	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	77.06	4.21
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0903	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	84.73	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0904		**Saddle, For 2" Insulation (Cooper B-Line B3162)** *(23 05 29 00-0875)*		
23 05 29 00-0905	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.20	3.65
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0906	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.31	3.68
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0907	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.12	3.71
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0908	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	34.19	3.77
		For Work In Restricted Working Space, Add	*3.77*	
23 05 29 00-0909	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.15	3.80
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0910	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.34	3.87
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0911	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	37.52	3.93
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0912	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	39.69	3.99
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-0913	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	51.58	4.11
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0914	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	58.89	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0915	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	61.98	4.33
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0916	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	85.11	4.42
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0917	EA	14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	94.69	4.49
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0918	EA	16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	104.45	4.59
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0919	EA	18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	114.22	4.72
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0920	EA	20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	125.61	4.83
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0921	EA	24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	144.47	4.95
		For Work In Restricted Working Space, Add	*4.95*	
23 05 29 00-0922		**Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)** *(23 05 29 00-0875)*		
23 05 29 00-0923	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.27	3.80
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0924	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	37.39	3.86
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0925	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	38.46	3.90
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0926	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	39.63	3.96
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0927	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	39.92	4.03
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0928	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	47.05	4.08
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0929	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	54.38	4.21
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0930	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	63.93	4.37
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0931	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	68.76	4.44
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0932	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	87.31	4.52
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0933	EA	14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	104.53	4.59
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0934	EA	16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	121.95	4.71
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0935	EA	18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	129.75	4.82
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0936	EA	20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	138.44	4.95
		For Work In Restricted Working Space, Add	*4.95*	
23 05 29 00-0937	EA	24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	147.13	5.06
		For Work In Restricted Working Space, Add	*5.07*	
23 05 29 00-0938		**Saddle, For 3" Insulation (Cooper B-Line B3164)** *(23 05 29 00-0875)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0939	EA	2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	39.84	3.99
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-0940	EA	2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	43.79	4.05
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0941	EA	3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	45.81	4.11
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0942	EA	4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	47.83	4.18
		For Work In Restricted Working Space, Add	*4.18*	
23 05 29 00-0943	EA	6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	55.54	4.31
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0944	EA	8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	70.77	4.47
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0945	EA	10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	77.07	4.53
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0946	EA	12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	101.87	4.63
		For Work In Restricted Working Space, Add	*4.63*	
23 05 29 00-0947	EA	14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	122.62	4.71
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0948	EA	16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	143.39	4.81
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0949	EA	18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	146.07	4.94
		For Work In Restricted Working Space, Add	*4.95*	
23 05 29 00-0950	EA	20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	148.66	5.05
		For Work In Restricted Working Space, Add	*5.07*	
23 05 29 00-0951	EA	24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	190.24	5.19
		For Work In Restricted Working Space, Add	*5.18*	

23 05 29 00-0952 Saddle, For 4" Insulation (Cooper B-Line B3165) *(23 05 29 00-0875)*

23 05 29 00-0953	EA	2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	45.44	4.07
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0954	EA	2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	50.12	4.14
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0955	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	52.52	4.21
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0956	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	55.02	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0957	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	68.15	4.41
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0958	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	81.28	4.57
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0959	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	84.11	4.64
		For Work In Restricted Working Space, Add	*4.66*	
23 05 29 00-0960	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	109.06	4.75
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0961	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	133.62	4.80
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0962	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	158.37	4.93
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-0963	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	194.94	5.04
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-0964	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	231.30	5.18
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0965	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	247.76	5.30
		For Work In Restricted Working Space, Add	*5.30*	
23 05 29 00-0966	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	260.91	5.44
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0967	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	270.63	5.58
		For Work In Restricted Working Space, Add	*5.57*	

23 05 29 00-0968 Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0847)*

23 05 29 00-0969	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	104.00	13.13
23 05 29 00-0970	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	109.57	15.24
23 05 29 00-0971	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	133.60	17.35
23 05 29 00-0972	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	138.92	18.92
23 05 29 00-0973	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	154.13	21.03
23 05 29 00-0974	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	173.82	26.28
23 05 29 00-0975	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	226.91	35.21
23 05 29 00-0976	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	274.95	52.56

23 05 29 00-0977 Pipe Stanchion Support (Cooper B-Line B3090) *(23 05 29 00-0847)*

23 05 29 00-0978	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	130.56	13.13
23 05 29 00-0979	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	134.31	15.24
23 05 29 00-0980	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	143.80	16.29
23 05 29 00-0981	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	146.25	17.35
23 05 29 00-0982	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	153.47	18.92
23 05 29 00-0983	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	162.14	21.03
23 05 29 00-0984	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	206.14	26.28
23 05 29 00-0985	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	278.34	35.21
23 05 29 00-0986	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	360.08	52.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0987		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0847)*		
23 05 29 00-0988	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	63.24	13.13
23 05 29 00-0989	EA	3" Pipe Saddle Support (Cooper B-Line B3095)	66.99	15.24
23 05 29 00-0990	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	104.77	16.29
23 05 29 00-0991	EA	4" Pipe Saddle Support (Cooper B-Line B3095)	107.22	17.35
23 05 29 00-0992	EA	5" Pipe Saddle Support (Cooper B-Line B3095)	118.07	18.92
23 05 29 00-0993	EA	6" Pipe Saddle Support (Cooper B-Line B3095)	130.86	21.03
23 05 29 00-0994	EA	8" Pipe Saddle Support (Cooper B-Line B3095)	148.82	26.28
23 05 29 00-0995	EA	10" Pipe Saddle Support (Cooper B-Line B3095)	171.02	35.21
23 05 29 00-0996	EA	12" Pipe Saddle Support (Cooper B-Line B3095)	211.14	52.56
23 05 29 00-0997		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0847)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0998		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-0999	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.85	6.12
23 05 29 00-1000	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.10	6.12
23 05 29 00-1001	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.17	6.12
23 05 29 00-1002	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.42	6.12
23 05 29 00-1003	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.42	6.49
23 05 29 00-1004	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.11	6.69
23 05 29 00-1005	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.92	6.97
23 05 29 00-1006	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.80	7.25
23 05 29 00-1007	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.35	7.53
23 05 29 00-1008	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.56	6.49
23 05 29 00-1009	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.69	8.47
23 05 29 00-1010	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.47	9.97
23 05 29 00-1011	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	42.72	11.58
23 05 29 00-1012	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	48.09	11.95
23 05 29 00-1013		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1014	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.91	4.61
23 05 29 00-1015	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.18	4.61
23 05 29 00-1016	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.47	4.71
23 05 29 00-1017	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.93	4.80
23 05 29 00-1018	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.36	4.80
23 05 29 00-1019	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.11	4.99
23 05 29 00-1020	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.99	5.17
23 05 29 00-1021	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.43	5.27
23 05 29 00-1022	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.09	5.74
23 05 29 00-1023	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.92	9.88
23 05 29 00-1024	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.40	7.43
23 05 29 00-1025	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.56	8.75
23 05 29 00-1026	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.56	10.07
23 05 29 00-1027	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.62	12.14
23 05 29 00-1028		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1029	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.57	5.27
23 05 29 00-1030	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.78	5.27
23 05 29 00-1031	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.35	5.37
23 05 29 00-1032	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.85	5.46
23 05 29 00-1033	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.38	5.56
23 05 29 00-1034	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.08	5.74
23 05 29 00-1035	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.11	5.93
23 05 29 00-1036	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.06	6.12
23 05 29 00-1037	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.19	6.49
23 05 29 00-1038	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.52	7.34
23 05 29 00-1039	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.22	12.52
23 05 29 00-1040	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.08	14.49
23 05 29 00-1041	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.01	17.12
23 05 29 00-1042	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.31	19.20
23 05 29 00-1043	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.12	21.64
23 05 29 00-1044	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.61	25.41
23 05 29 00-1045	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.85	28.24
23 05 29 00-1046	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.60	32.00
23 05 29 00-1047		**2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1048	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.98	6.12
23 05 29 00-1049	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.21	6.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1050	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.91	6.21
23 05 29 00-1051	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.43	6.30
23 05 29 00-1052	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.96	6.30
23 05 29 00-1053	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.83	6.59
23 05 29 00-1054	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.98	6.78
23 05 29 00-1055	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.07	7.06
23 05 29 00-1056	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.47	7.43
23 05 29 00-1057	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.32	8.47
23 05 29 00-1058	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.73	9.41
23 05 29 00-1059	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	47.29	10.82
23 05 29 00-1060	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	54.23	13.46
23 05 29 00-1061	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.11	14.77
23 05 29 00-1062	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	72.53	18.82
23 05 29 00-1063	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	77.79	19.77
23 05 29 00-1064	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	88.36	22.59
23 05 29 00-1065	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	104.23	27.29
23 05 29 00-1066		**3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1067	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.88	6.30
23 05 29 00-1068	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.27	6.59
23 05 29 00-1069	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	54.42	6.59
23 05 29 00-1070	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	55.77	6.78
23 05 29 00-1071	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.36	6.97
23 05 29 00-1072	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	59.15	7.06
23 05 29 00-1073	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.32	7.25
23 05 29 00-1074	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.06	7.71
23 05 29 00-1075	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	71.83	8.00
23 05 29 00-1076	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.19	9.79
23 05 29 00-1077	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	106.87	10.73
23 05 29 00-1078	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	127.23	11.30
23 05 29 00-1079	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	145.76	14.59
23 05 29 00-1080	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	164.26	15.53
23 05 29 00-1081	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	196.17	20.70
23 05 29 00-1082	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	211.18	22.59
23 05 29 00-1083	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	239.22	24.47
23 05 29 00-1084	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	281.00	30.11
23 05 29 00-1085		**3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1086	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.98	6.12
23 05 29 00-1087	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.92	7.43
23 05 29 00-1088	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.93	7.43
23 05 29 00-1089	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.50	7.53
23 05 29 00-1090	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.22	7.62
23 05 29 00-1091	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.15	7.91
23 05 29 00-1092	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.56	8.19
23 05 29 00-1093	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.78	8.47
23 05 29 00-1094	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.80	8.95
23 05 29 00-1095	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.38	10.17
23 05 29 00-1096	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	47.65	11.30
23 05 29 00-1097	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	56.76	12.99
23 05 29 00-1098	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.06	16.19
23 05 29 00-1099	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	73.34	17.69
23 05 29 00-1100	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	87.04	22.59
23 05 29 00-1101	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.35	23.72
23 05 29 00-1102	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	106.09	27.11
23 05 29 00-1103	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	125.07	32.76
23 05 29 00-1104		**4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0997)*		
23 05 29 00-1105	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.58	8.28
23 05 29 00-1106	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.91	8.28
23 05 29 00-1107	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.86	8.38
23 05 29 00-1108	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.62	8.47
23 05 29 00-1109	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.20	8.47
23 05 29 00-1110	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.76	9.04
23 05 29 00-1111	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.99	9.13
23 05 29 00-1112	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.50	9.51
23 05 29 00-1113	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.75	10.07
23 05 29 00-1114	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.91	11.39
23 05 29 00-1115	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.90	12.33
23 05 29 00-1116	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.87	14.68
23 05 29 00-1117	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	73.23	18.25
23 05 29 00-1118	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.52	19.86
23 05 29 00-1119	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	97.97	25.41
23 05 29 00-1120	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	104.98	26.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1121	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	117.98	30.50
23 05 29 00-1122	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	140.73	36.89
23 05 29 00-1123	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	160.57	43.39
23 05 29 00-1124	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	182.79	51.20
23 05 29 00-1125	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	206.94	60.52
23 05 29 00-1126	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	296.33	93.46
23 05 29 00-1127	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	319.26	102.87
23 05 29 00-1128	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	340.24	111.05

23 05 29 00-1129 Equipment Housekeeping Pads *(23 05 29)*

See CSI section 03 31 13 00-0091 for Concrete Equipment Pads.

23 05 29 00-1130 Molded Plastic Condenser Pad *(23 05 29 00-1129)*

23 05 29 00-1131	EA	30" Round Molded Plastic Pad	129.05	13.13
23 05 29 00-1132	EA	30" Octagon Molded Plastic Pad	135.81	13.13
23 05 29 00-1133	EA	30" x 30" Molded Plastic Pad	129.05	13.13
23 05 29 00-1134	EA	36" x 36" Molded Plastic Pad	169.56	13.13
23 05 29 00-1135	EA	36" x 48" Molded Plastic Pad	245.35	13.13

23 05 29 00-1136 Inertia Base *(23 05 29 00-1129)*

Note: Includes spring isolators.

23 05 29 00-1137	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	1,645.39	
23 05 29 00-1138	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	1,987.29	
23 05 29 00-1139	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	2,276.23	
23 05 29 00-1140	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	2,600.47	

23 05 29 00-1141 Hanger Assemblies *(23 05 29)*

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

23 05 29 00-1142	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	46.37	16.34
		For Work In Restricted Working Space, Add	*10.52*	
23 05 29 00-1143	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	48.31	17.31
		For Work In Restricted Working Space, Add	*11.10*	
23 05 29 00-1144	EA	1" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	49.96	18.36
		For Work In Restricted Working Space, Add	*11.57*	
23 05 29 00-1145	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	50.89	18.39
		For Work In Restricted Working Space, Add	*11.74*	
23 05 29 00-1146	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	51.19	18.39
		For Work In Restricted Working Space, Add	*11.74*	
23 05 29 00-1147	EA	2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	52.36	18.54
		For Work In Restricted Working Space, Add	*11.91*	
23 05 29 00-1148	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	60.71	19.52
		For Work In Restricted Working Space, Add	*11.93*	
23 05 29 00-1149	EA	3" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	62.84	20.08
		For Work In Restricted Working Space, Add	*12.11*	
23 05 29 00-1150	EA	4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	75.86	22.67
		For Work In Restricted Working Space, Add	*13.38*	
23 05 29 00-1151	EA	6" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	113.06	29.29
		For Work In Restricted Working Space, Add	*17.57*	
23 05 29 00-1152	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	132.44	33.98
		For Work In Restricted Working Space, Add	*20.39*	
23 05 29 00-1153	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	185.37	43.16
		For Work In Restricted Working Space, Add	*25.57*	
23 05 29 00-1154	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	204.89	46.44
		For Work In Restricted Working Space, Add	*27.92*	

23 05 29 00-1155 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1156 Angle Iron For Hanger Devices *(23 05 29 00-1155)*

23 05 29 00-1157	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.65	1.53
23 05 29 00-1158	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.49	1.91
23 05 29 00-1159	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.33	2.29
23 05 29 00-1160	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.17	2.84
23 05 29 00-1161	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	6.96	3.05
23 05 29 00-1162	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	9.70	3.43
23 05 29 00-1163	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	12.14	4.18
23 05 29 00-1164	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	16.01	4.90
23 05 29 00-1165	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	19.19	5.72

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1166		**Channels For Hanger Devices** *(23 05 29 00-1155)*			
23 05 29 00-1167	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices		7.97	3.87
23 05 29 00-1168	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices		14.02	5.55
23 05 29 00-1169	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices		17.59	6.67
23 05 29 00-1170	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices		21.16	7.78
23 05 29 00-1171	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices		25.66	9.35
23 05 29 00-1172	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices		30.60	11.12
23 05 29 00-1173	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices		34.82	12.24
23 05 29 00-1174		**Structural Bar Tees For Hanger Devices** *(23 05 29 00-1155)*			
23 05 29 00-1175	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices		8.45	5.44
23 05 29 00-1176	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices		10.16	6.42
23 05 29 00-1177	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices		15.13	7.42
23 05 29 00-1178	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices		19.52	9.88
23 05 29 00-1179	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices		27.25	11.86
23 05 29 00-1180	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices		34.11	15.32
23 05 29 00-1181		**Structural Zees For Hanger Devices** *(23 05 29 00-1155)*			
23 05 29 00-1182	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices		15.15	7.42
23 05 29 00-1183	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices		18.76	7.42
23 05 29 00-1184	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices		27.84	7.42
23 05 29 00-1185	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices		35.62	7.42
23 05 29 00-1186	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices		43.96	7.42
23 05 29 00-1187		**Junior I-beams For Hanger Devices** *(23 05 29 00-1155)*			
23 05 29 00-1188	LF	3" I-beam (Junior) For Hanger Devices		18.39	10.88
23 05 29 00-1189	LF	4" I-beam (Junior) For Hanger Devices		21.33	11.86
23 05 29 00-1190	LF	5" I-beam (Junior) For Hanger Devices		24.90	12.86
23 05 29 00-1191	LF	6" I-beam (Junior) For Hanger Devices		27.27	14.33
23 05 29 00-1192	LF	7" I-beam (Junior) For Hanger Devices		32.97	15.32
23 05 29 00-1193	LF	8" I-beam (Junior) For Hanger Devices		35.76	16.31

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator		99.39	29.42
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator		105.95	29.42
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator		127.73	29.42

23 05 48 13-0005 Housed Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only.
Mason Industries, Inc.

23 05 48 13-0006	EA	To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection		607.02	29.42
23 05 48 13-0007	EA	To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection		691.43	29.42
23 05 48 13-0008	EA	To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection		733.63	29.42
23 05 48 13-0009	EA	To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection		902.45	29.42
23 05 48 13-0010	EA	To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection		944.65	29.42
23 05 48 13-0011	EA	To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		680.88	29.42
23 05 48 13-0012	EA	To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		754.74	29.42
23 05 48 13-0013	EA	To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		807.49	29.42
23 05 48 13-0014	EA	To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		1,050.16	29.42
23 05 48 13-0015	EA	To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		1,145.12	29.42
23 05 48 13-0016	EA	To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection		1,366.69	29.42
23 05 48 13-0017		**Vibration Isolators** *(23 05 48 13)*			
23 05 48 13-0018		**Spring And Rubber Hanger For 1" Deflection** *(23 05 48 13-0017)*			
23 05 48 13-0019	EA	50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size		134.23	18.92
23 05 48 13-0020	EA	600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size		285.09	21.03
23 05 48 13-0021		**Rubber-In-Shear Isolator Hanger** *(23 05 48 13-0017)*			
23 05 48 13-0022	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size		73.83	15.77
23 05 48 13-0023	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size		95.93	18.92
23 05 48 13-0024		**Spring Hanger For 1" Deflection** *(23 05 48 13-0017)*			
23 05 48 13-0025	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size		83.60	18.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0026		**Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0017)*		
23 05 48 13-0027	EA	45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	153.76	35.74
23 05 48 13-0028	EA	130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	211.87	35.74
23 05 48 13-0029	EA	550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	411.33	35.74
23 05 48 13-0030		**Two-Piece Spring Type Vibration Isolator** *(23 05 48 13-0017)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	129.26	35.74
23 05 48 13-0032	EA	>1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	133.59	35.74
23 05 48 13-0033		**Open Double Spring Type Vibration Isolator** *(23 05 48 13-0017)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.08	17.87
23 05 48 13-0035	EA	500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.08	17.87
23 05 48 13-0036	EA	1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.52	17.87
23 05 48 13-0037	EA	1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.52	17.87
23 05 48 13-0038	EA	2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	181.82	17.87
23 05 48 13-0039		**Isolation Pads** *(23 05 48 13-0017)*		
23 05 48 13-0040		**Laminated Neoprene And Cork Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	6.38	2.63
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	8.17	2.73
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	10.25	2.84
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	40.58	3.26
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	77.67	3.68
23 05 48 13-0046		**Neoprene And Steel Plate Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	80.38	2.63
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	88.68	2.63
23 05 48 13-0049		**Neoprene Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.95	2.63
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.78	2.63
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.12	2.63
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	39.92	3.16
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	72.99	3.68
23 05 48 13-0055		**Miscellaneous Piping Isolators** *(23 05 48 13-0017)*		
23 05 48 13-0056	EA	Vibration Isolator, 2" Deflector Note: M.M. Sausse Model # RMXA.	898.90	31.53
23 05 48 13-0057		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0058	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	71.21	16.81
23 05 48 13-0059	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	83.00	23.12
23 05 48 13-0060	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	101.94	28.39
23 05 48 13-0061	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	118.53	33.64
23 05 48 13-0062	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	135.80	44.15
23 05 48 13-0063	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	152.87	46.98
23 05 48 13-0064	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	205.06	55.71
23 05 48 13-0065	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	283.96	86.82
23 05 48 13-0066		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0067	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	269.09	60.34
23 05 48 13-0068	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	315.96	66.22
23 05 48 13-0069	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	358.32	70.11
23 05 48 13-0070	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	400.03	79.89
23 05 48 13-0071	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	455.58	86.20
23 05 48 13-0072	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	570.32	112.15
23 05 48 13-0073	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	874.23	126.14
23 05 48 13-0074	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	1,085.95	141.90
23 05 48 13-0075	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,495.95	210.24

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0076		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0077		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0076)* Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0078	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	215.85	78.84
23 05 48 13-0079	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	233.34	87.56
23 05 48 13-0080	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	376.37	174.92
23 05 48 13-0081	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	519.29	260.17
23 05 48 13-0082	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	677.17	335.85
23 05 48 13-0083	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	868.57	349.27
23 05 48 13-0084	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,058.37	398.92
23 05 48 13-0085	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,374.87	474.74
23 05 48 13-0086	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,280.02	593.76
23 05 48 13-0087		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0076)* Note: With braided metal wire.		
23 05 48 13-0088	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	167.05	71.69
23 05 48 13-0089	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	159.37	98.60
23 05 48 13-0090	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	311.96	131.40
23 05 48 13-0091	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	402.23	197.09
23 05 48 13-0092	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	432.10	216.85
23 05 48 13-0093	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	501.09	262.59
23 05 48 13-0094	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	641.55	336.16
23 05 48 13-0095	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,177.79	463.77
23 05 48 13-0096	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,346.56	543.66
23 05 48 13-0097	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	888.17	418.29
23 05 48 13-0098	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,692.82	523.91
23 05 48 13-0099	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,465.65	558.83
23 05 48 13-0100	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,726.18	646.20
23 05 48 13-0101	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,234.35	698.55
23 05 48 13-0102		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0076)* Note: 150 PSI.		
23 05 48 13-0103	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	960.65	152.42
23 05 48 13-0104	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,076.76	178.70
23 05 48 13-0105	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,629.15	300.34
23 05 48 13-0106	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,978.82	349.27
23 05 48 13-0107	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,607.36	428.44
23 05 48 13-0108		**Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)*		
23 05 48 13-0109		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0108)* Note: MPT connection.		
23 05 48 13-0110	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	38.22	2.11
23 05 48 13-0111	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	45.76	2.11
23 05 48 13-0112	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	50.85	2.73
23 05 48 13-0113	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.95	2.73
23 05 48 13-0114	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	51.23	2.52
23 05 48 13-0115	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.99	2.52
23 05 48 13-0116	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.84	3.25
23 05 48 13-0117	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	87.59	3.25
23 05 48 13-0118	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	69.98	2.94
23 05 48 13-0119	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	76.58	2.94
23 05 48 13-0120	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	90.91	3.89
23 05 48 13-0121	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	115.41	3.89
23 05 48 13-0122	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	139.73	3.89
23 05 48 13-0123	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	164.12	3.89
23 05 48 13-0124	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	99.76	3.77
23 05 48 13-0125	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	110.04	3.77
23 05 48 13-0126	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	141.38	3.77
23 05 48 13-0127	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	196.62	5.03
23 05 48 13-0128	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	228.20	5.03
23 05 48 13-0129	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	270.22	5.03
23 05 48 13-0130	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	136.67	4.55
23 05 48 13-0131	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	158.16	4.55
23 05 48 13-0132	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	199.79	4.55
23 05 48 13-0133	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	266.46	6.10
23 05 48 13-0134	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	329.90	6.10
23 05 48 13-0135	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	393.28	6.10
23 05 48 13-0136	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	189.96	5.71
23 05 48 13-0137	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	216.43	5.42
23 05 48 13-0138	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	243.17	5.42
23 05 48 13-0139	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	299.77	7.26
23 05 48 13-0140	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	353.53	7.26
23 05 48 13-0141	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	405.62	7.26
23 05 48 13-0142	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	299.79	7.26

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23 05 48 13-0143	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	335.51	7.26
23 05 48 13-0144	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	627.44	7.26
23 05 48 13-0145	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	755.97	9.68
23 05 48 13-0146	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	519.86	9.68
23 05 48 13-0147	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	590.13	9.68
23 05 48 13-0148	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	549.22	8.36
23 05 48 13-0149	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	590.95	8.36
23 05 48 13-0150	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	632.68	8.36
23 05 48 13-0151	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	722.99	11.14
23 05 48 13-0152	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	806.13	11.14
23 05 48 13-0153	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	891.06	11.14

23 05 48 13-0154 Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0108)*

Note: Over braided carbon steel connection.

23 05 48 13-0155	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	163.00	4.61
23 05 48 13-0156	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	197.14	4.61
23 05 48 13-0157	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	230.64	4.61
23 05 48 13-0158	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	301.87	6.19
23 05 48 13-0159	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	369.78	6.19
23 05 48 13-0160	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	437.60	6.19
23 05 48 13-0161	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	184.74	5.42
23 05 48 13-0162	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	220.43	5.42
23 05 48 13-0163	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	256.27	5.42
23 05 48 13-0164	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	331.96	7.26
23 05 48 13-0165	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	403.36	7.26
23 05 48 13-0166	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	473.77	7.26
23 05 48 13-0167	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	195.75	7.26
23 05 48 13-0168	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	236.63	7.45
23 05 48 13-0169	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	278.09	7.26
23 05 48 13-0170	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	368.28	9.68
23 05 48 13-0171	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	450.75	9.68
23 05 48 13-0172	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	535.57	9.68
23 05 48 13-0173	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	394.80	14.14
23 05 48 13-0174	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	583.85	14.24
23 05 48 13-0175	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	783.06	18.75
23 05 48 13-0176	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	972.19	18.75
23 05 48 13-0177	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,161.26	18.75
23 05 48 13-0178	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	685.92	17.12
23 05 48 13-0179	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	828.95	17.12
23 05 48 13-0180	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,124.03	22.27
23 05 48 13-0181	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,407.78	22.27
23 05 48 13-0182	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,691.44	22.27
23 05 48 13-0183	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	734.18	21.41
23 05 48 13-0184	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,091.77	21.41
23 05 48 13-0185	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,462.47	27.88
23 05 48 13-0186	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,821.31	27.88
23 05 48 13-0187	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,178.64	27.88
23 05 48 13-0188	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,459.80	25.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0189	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,906.06	25.88
23 05 48 13-0190	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,384.11	34.82
23 05 48 13-0191	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,834.30	34.82
23 05 48 13-0192	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,286.58	34.82
23 05 48 13-0193		Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0108)*		
		Note: Flanged end connection (carbon steel ends).		
23 05 48 13-0194	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	279.92	4.55
23 05 48 13-0195	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	547.62	128.99
23 05 48 13-0196	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	664.41	128.99
23 05 48 13-0197	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	781.20	128.99
23 05 48 13-0198	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	898.03	128.99
23 05 48 13-0199	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	511.65	164.50
23 05 48 13-0200	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	634.72	164.50
23 05 48 13-0201	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	757.83	164.50
23 05 48 13-0202	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	881.00	164.50
23 05 48 13-0203	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,002.00	164.50
23 05 48 13-0204	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	722.27	275.77
23 05 48 13-0205	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	865.92	276.47
23 05 48 13-0206	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,011.90	275.77
23 05 48 13-0207	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,175.13	275.77
23 05 48 13-0208	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,299.84	275.77
23 05 48 13-0209	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,105.32	353.50
23 05 48 13-0210	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,430.80	353.50
23 05 48 13-0211	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,756.46	354.76
23 05 48 13-0212	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,081.99	353.50
23 05 48 13-0213	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,407.47	353.50
23 05 48 13-0214	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,800.74	437.64
23 05 48 13-0215	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,046.97	437.64
23 05 48 13-0216	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,535.17	437.64
23 05 48 13-0217	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,023.55	437.64
23 05 48 13-0218	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,511.70	437.64
23 05 48 13-0219	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,906.42	532.77
23 05 48 13-0220	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,519.89	532.77
23 05 48 13-0221	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,137.48	532.77
23 05 48 13-0222	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,753.74	532.77
23 05 48 13-0223	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,251.79	532.77
23 05 48 13-0224	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,928.14	646.94
23 05 48 13-0225	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,706.62	646.94
23 05 48 13-0226	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,485.04	646.94
23 05 48 13-0227	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,263.47	646.94
23 05 48 13-0228	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,041.95	646.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	18.03	
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	18.29	
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	18.43	
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	18.71	
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	21.72	
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	22.19	
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	35.19	
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	35.57	
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	35.97	
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	36.18	
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	36.41	
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	36.63	
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	38.38	
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	38.64	
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	47.55	
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	49.18	
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	56.66	
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	64.98	

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.06	
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.58	
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.64	
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.85	
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.78	
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.10	
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.02	
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.43	
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.75	
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.07	
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.73	
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.44	
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.05	
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.66	
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.80	
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.95	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	27.97	

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	11.03	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	10.34	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	10.12	

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

23 05 66 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO) Note: Includes tube.	946.41	76.93
23 05 66 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	987.94	80.74
23 05 66 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	990.52	84.20
23 05 66 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	1,036.79	88.47
23 05 66 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	1,122.14	92.27
23 05 66 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	1,047.06	95.15

23 05 66 00-0008 Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	799.98	53.28
23 05 66 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	810.99	57.66
23 05 66 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	832.51	61.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	842.78	65.74
23 05 66 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	865.04	69.20
23 05 66 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	881.31	72.66
23 05 66 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	902.83	77.28
23 05 66 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	911.06	53.28
23 05 66 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	922.07	57.66
23 05 66 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	943.59	61.13
23 05 66 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	953.86	65.74
23 05 66 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	976.12	69.20
23 05 66 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	992.39	72.66
23 05 66 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,013.91	77.28
23 05 66 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	637.11	57.66
23 05 66 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	658.63	61.13
23 05 66 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	668.90	65.74
23 05 66 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	691.16	69.20
23 05 66 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	707.43	72.66
23 05 66 00-0028	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	728.95	77.28
23 05 66 00-0029		**Fan Coil Unit Ultraviolet Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0030	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	581.26	73.81
23 05 66 00-0031	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	593.92	77.28
23 05 66 00-0032	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	606.58	80.74
23 05 66 00-0033	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	623.72	84.20
23 05 66 00-0034	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	645.97	88.47
23 05 66 00-0035	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	665.53	92.27
23 05 66 00-0036		**Ultraviolet HVAC Microbial Control Replacement Parts** *(23 05 66)*		
23 05 66 00-0037	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	153.66	
23 05 66 00-0038	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	161.58	
23 05 66 00-0039	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	183.81	
23 05 66 00-0040	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	212.44	
23 05 66 00-0041	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	241.70	
23 05 66 00-0042	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	242.69	
23 05 66 00-0043	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	119.88	
23 05 66 00-0044	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	126.28	
23 05 66 00-0045	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	143.18	
23 05 66 00-0046	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	148.84	
23 05 66 00-0047	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	166.49	
23 05 66 00-0048	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	178.14	
23 05 66 00-0049	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	195.05	
23 05 66 00-0050	EA	Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	451.16	
23 05 66 00-0051		**Ultraviolet HVAC Microbial Control Mounting Accessories** *(23 05 66)*		
23 05 66 00-0052	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	648.39	
23 05 66 00-0053	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	831.09	
23 05 66 00-0054	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	375.71	
23 05 66 00-0055	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	398.08	
23 05 66 00-0056	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	516.38	
23 05 66 00-0057	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	319.98	
23 05 66 00-0058	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	347.49	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0059	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.		451.79	
23 05 66 00-0060	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.		445.44	
23 05 66 00-0061	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)		16.74	
23 05 66 00-0062	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)		56.31	
23 05 66 00-0063	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)		19.20	
23 05 66 00-0064	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)		18.09	
23 05 66 00-0065	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)		51.78	
23 05 66 00-0066	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)		62.43	
23 05 66 00-0067	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)		55.37	
23 05 66 00-0068	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)		44.79	
23 05 66 00-0069	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)		42.27	
23 05 66 00-0070	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)		22.52	
23 05 66 00-0071	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)		47.62	
23 05 66 00-0072	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)		22.62	
23 05 66 00-0073	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)		90.88	
23 05 66 00-0074	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)		95.61	

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans		410.70	
		For Testing Of Unit Without Balancing, Deduct		*-205.35*	
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units		513.17	
		For Testing Of Unit Without Balancing, Deduct		*-256.59*	
23 05 93 00-0004	EA	Balancing In Line Fan		462.03	
		For Testing Of Unit Without Balancing, Deduct		*-231.02*	
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan		102.67	
		For Testing Of Unit Without Balancing, Deduct		*-51.34*	
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan		308.00	
		For Testing Of Unit Without Balancing, Deduct		*-154.00*	
23 05 93 00-0007	EA	Balancing Wall Fan		76.99	
		For Testing Of Unit Without Balancing, Deduct		*-38.50*	
23 05 93 00-0008	EA	Balancing Fan Section Exhaust		410.04	
		For Testing Of Unit Without Balancing, Deduct		*-205.02*	

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit		774.58	
		For Testing Of Unit Without Balancing, Deduct		*-387.29*	
23 05 93 00-0011	EA	Balancing Package A/C Unit		290.47	
		For Testing Of Unit Without Balancing, Deduct		*-145.24*	
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit		387.29	
		For Testing Of Unit Without Balancing, Deduct		*-193.65*	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit		1,355.51	
		For Testing Of Unit Without Balancing, Deduct		*-677.76*	

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser		77.00	
		For Testing Of Unit Without Balancing, Deduct		*-38.50*	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser		128.34	
		For Testing Of Unit Without Balancing, Deduct		*-64.17*	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser		66.73	
		For Testing Of Unit Without Balancing, Deduct		*-33.37*	
23 05 93 00-0018	EA	Balance Variable Air Volume Box		72.31	
		For Testing Of Unit Without Balancing, Deduct		*-36.16*	
23 05 93 00-0019	EA	Balance Constant Volume Box		72.31	
		For Testing Of Unit Without Balancing, Deduct		*-36.16*	
23 05 93 00-0020	EA	Balance Fan Powered Box		82.14	
		For Testing Of Unit Without Balancing, Deduct		*-41.07*	
23 05 93 00-0021	EA	Balance Lab Fume Hood		333.70	
		For Testing Of Unit Without Balancing, Deduct		*-166.85*	
23 05 93 00-0022	EA	Balance General Hood		256.68	
		For Testing Of Unit Without Balancing, Deduct		*-128.34*	
23 05 93 00-0023	EA	Balance Induction Unit		154.02	
		For Testing Of Unit Without Balancing, Deduct		*-77.01*	
23 05 93 00-0024	EA	Balance Moduline - Master		61.59	
		For Testing Of Unit Without Balancing, Deduct		*-30.80*	
23 05 93 00-0025	EA	Balance Moduline - Slave		30.80	
		For Testing Of Unit Without Balancing, Deduct		*-15.40*	
23 05 93 00-0026	EA	Balance Dampers		28.60	
		For Testing Of Unit Without Balancing, Deduct		*-14.30*	
23 05 93 00-0027	EA	Balance Regenerators		410.04	
		For Testing Of Unit Without Balancing, Deduct		*-205.02*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0028		Water Balancing Of Components *(23 05 93)*			
23 05 93 00-0029	EA	Water Balance, Air Cool Condenser		532.57	
		For Testing Of Unit Without Balancing, Deduct		*-266.29*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater		67.78	
		For Testing Of Unit Without Balancing, Deduct		*-33.89*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled		580.88	
		For Testing Of Unit Without Balancing, Deduct		*-290.44*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled		774.58	
		For Testing Of Unit Without Balancing, Deduct		*-387.29*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower		387.29	
		For Testing Of Unit Without Balancing, Deduct		*-193.65*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent		96.88	
		For Testing Of Unit Without Balancing, Deduct		*-48.44*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel		96.82	
		For Testing Of Unit Without Balancing, Deduct		*-48.41*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil		106.50	
		For Testing Of Unit Without Balancing, Deduct		*-53.25*	
23 05 93 00-0037	EA	Water Balance, Pumps		290.48	
		For Testing Of Unit Without Balancing, Deduct		*-145.24*	
23 05 93 00-0038	EA	Water Balance, Unit Heater		67.78	
		For Testing Of Unit Without Balancing, Deduct		*-33.89*	
23 05 93 00-0039	EA	Water Balancing, Converter		290.59	
		For Testing Of Unit Without Balancing, Deduct		*-145.30*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves		48.40	
		For Testing Of Unit Without Balancing, Deduct		*-24.20*	
23 05 93 00-0041	EA	Water Balance, Convector		58.09	
		For Testing Of Unit Without Balancing, Deduct		*-29.05*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves		72.62	
		For Testing Of Unit Without Balancing, Deduct		*-36.31*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH		629.34	
		For Testing Of Unit Without Balancing, Deduct		*-314.67*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler		1,161.87	
		For Testing Of Unit Without Balancing, Deduct		*-580.94*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler		2,130.09	
		For Testing Of Unit Without Balancing, Deduct		*-1,065.05*	
23 05 93 00-0046		Non Destructive Testing *(23 05 93)*			
23 05 93 00-0047		X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*			
23 05 93 00-0048		Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*			
23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge		752.01	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.			
23 05 93 00-0050		Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*			
23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing		81.66	
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing		92.85	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing		104.03	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing		109.97	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing		115.90	
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non Destructive Testing		122.50	
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non Destructive Testing		134.35	
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non Destructive Testing		146.22	
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non Destructive Testing		152.82	
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non Destructive Testing		159.42	
23 05 93 00-0061		Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*			
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*			
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing		108.51	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non Destructive Testing		113.76	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing		119.02	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non Destructive Testing		121.64	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non Destructive Testing		125.59	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non Destructive Testing		129.53	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non Destructive Testing		137.42	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non Destructive Testing		145.30	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non Destructive Testing		153.19	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non Destructive Testing		161.07	
23 05 93 00-0073		Hydrostatic Testing *(23 05 93 00-0046)*			
		Note: Includes flushing and restoring of system.			
23 05 93 00-0074		Piping, Hydrostatic Testing *(23 05 93 00-0073)*			
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing		691.56	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing		987.93	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing		1,183.74	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing		1,576.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,389.01	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	919.50	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,313.95	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,564.23	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,049.75	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,100.92	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,198.33	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,708.14	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,802.24	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,361.08	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,571.88	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,555.73	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,217.95	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,343.38	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,073.59	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	4,656.97	

23 05 93 00-0095 Pneumatic Testing *(23 05 93 00-0046)*

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 Piping, Pneumatic Testing *(23 05 93 00-0095)*

23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	786.93	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,122.67	
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,213.34	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,554.80	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,432.84	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,026.80	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,457.77	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,577.19	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,021.56	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	3,162.03	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,236.77	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,745.09	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,974.47	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,523.91	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	3,953.47	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,610.46	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,268.84	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,567.73	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,282.03	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	5,148.35	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	941.63	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	90.25	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,446.14	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,096.28	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.19	1.89
		For Plain Blanket, With No Facing, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.72	1.89
		For Plain Blanket, With No Facing, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*0.88*	
23 07 13 00-0005	SF	2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.21	2.82
		For Plain Blanket, With No Facing, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*1.01*	
23 07 13 00-0006	SF	3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.99	3.30
		For Plain Blanket, With No Facing, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*1.18*	
23 07 13 00-0007	SF	4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.91	3.58
		For Plain Blanket, With No Facing, Deduct	*-0.67*	
		For Work In Restricted Working Space, Add	*1.27*	
23 07 13 00-0008		**Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation** *(23 07 13 00-0001)*		
23 07 13 00-0009	SF	1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.92	2.82
		For Plain Blanket, With No Facing, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*0.94*	
23 07 13 00-0010	SF	1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.58	3.30
		For Plain Blanket, With No Facing, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*1.09*	
23 07 13 00-0011	SF	2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	5.41	3.76
		For Plain Blanket, With No Facing, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*1.28*	
23 07 13 00-0012		**Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation** *(23 07 13 00-0001)*		
23 07 13 00-0013	SF	1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.11	3.76
		For Plain Blanket, With No Facing, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*1.13*	
23 07 13 00-0014	SF	1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.64	4.24
		For Plain Blanket, With No Facing, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*1.30*	
23 07 13 00-0015	SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	7.75	4.71
		For Plain Blanket, With No Facing, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*1.51*	
23 07 13 00-0016		**3 LB/CF FSK Rigid Fiber Glass Board Insulation** *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017	SF	1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	8.91	5.04
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*20.45*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*15.18*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*12.51*	
		For Work In Restricted Working Space, Add	*2.51*	
23 07 13 00-0018	SF	1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	11.46	6.13
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*25.31*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*19.09*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*15.65*	
		For Work In Restricted Working Space, Add	*3.05*	
23 07 13 00-0019	SF	2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	14.30	7.40
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*30.87*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*23.50*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*19.21*	
		For Work In Restricted Working Space, Add	*3.68*	
23 07 13 00-0020		**4.253 LB/CF FSK Rigid Fiber Glass Board Insulation** *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF	1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	10.02	5.55
		For Work In Restricted Working Space, Add	*2.76*	
23 07 13 00-0022	SF	1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	13.02	6.74
		For Work In Restricted Working Space, Add	*3.35*	
23 07 13 00-0023	SF	2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	16.71	8.14
		For Work In Restricted Working Space, Add	*4.05*	
23 07 13 00-0024		**Sheet Flexible Elastomeric Insulation** *(23 07 13)*		
23 07 13 00-0025	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	8.18	2.54
23 07 13 00-0026	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	8.75	2.68
23 07 13 00-0027	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	11.61	2.82
23 07 13 00-0028	SF	1" Thick, Sheet Flexible Elastomeric Insulation	13.44	2.96
23 07 13 00-0029	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	18.77	3.25
23 07 13 00-0030	SF	2" Thick, Sheet Flexible Elastomeric Insulation	22.26	3.53
23 07 13 00-0031		**Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation** *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	12.32	2.68
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.57	2.82
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.15	2.96
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	23.91	3.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	28.39	3.53

23 07 13 00-0037 Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*

Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.

23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.96	2.68
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.11	2.82
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	18.14	2.96
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	26.86	3.25

23 07 16 HVAC Equipment Insulation *(23 07)*

23 07 16 00-0001 Calcium Silicate Block Insulation *(23 07 16)*

23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	15.02	6.05
		For Work In Restricted Working Space, Add	*3.63*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	18.00	6.81
		For Work In Restricted Working Space, Add	*4.09*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	21.61	7.85
		For Work In Restricted Working Space, Add	*4.78*	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	25.76	9.22
		For Work In Restricted Working Space, Add	*5.54*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	31.47	11.35
		For Work In Restricted Working Space, Add	*6.81*	

23 07 19 HVAC Piping Insulation *(23 07)*

See CSI section 22 07 19 00-0000 for pipe insulation.

23 07 19 00-0001 Calcium Silicate Pipe Insulation *(23 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0492 for protective jacketing.

23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.73	3.10
		For Work In Restricted Working Space, Add	*2.32*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.73	3.10
		For Work In Restricted Working Space, Add	*2.32*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.63	3.14
		For Work In Restricted Working Space, Add	*2.36*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.83	3.19
		For Work In Restricted Working Space, Add	*2.39*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.98	3.23
		For Work In Restricted Working Space, Add	*2.42*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.95	3.32
		For Work In Restricted Working Space, Add	*2.49*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.60	3.45
		For Work In Restricted Working Space, Add	*2.59*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.28	3.54
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.56	3.81
		For Work In Restricted Working Space, Add	*2.86*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	19.53	4.30
		For Work In Restricted Working Space, Add	*3.22*	

23 07 19 00-0013 1-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.33	3.23
		For Work In Restricted Working Space, Add	*2.42*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.42	3.23
		For Work In Restricted Working Space, Add	*2.42*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.38	3.42
		For Work In Restricted Working Space, Add	*2.56*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.99	3.48
		For Work In Restricted Working Space, Add	*2.61*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.62	3.54
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.81	3.74
		For Work In Restricted Working Space, Add	*2.81*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.66	3.80
		For Work In Restricted Working Space, Add	*2.85*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.33	3.93
		For Work In Restricted Working Space, Add	*2.95*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	20.49	4.25
		For Work In Restricted Working Space, Add	*3.19*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	23.74	4.96
		For Work In Restricted Working Space, Add	*3.72*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	28.12	5.23
		For Work In Restricted Working Space, Add	*3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	35.56	6.27
		For Work In Restricted Working Space, Add	*4.70*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	41.85	7.30
		For Work In Restricted Working Space, Add	*5.48*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	46.67	8.00
		For Work In Restricted Working Space, Add	*6.00*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	55.31	10.19
		For Work In Restricted Working Space, Add	*7.64*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	59.73	10.69
		For Work In Restricted Working Space, Add	*8.02*	
23 07 19 00-0030		2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.19	3.54
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.64	3.54
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.23	3.59
		For Work In Restricted Working Space, Add	*2.69*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.00	3.63
		For Work In Restricted Working Space, Add	*2.72*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.54	3.67
		For Work In Restricted Working Space, Add	*2.76*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.39	3.81
		For Work In Restricted Working Space, Add	*2.86*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	22.94	3.94
		For Work In Restricted Working Space, Add	*2.96*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.32	4.07
		For Work In Restricted Working Space, Add	*3.06*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	25.94	4.31
		For Work In Restricted Working Space, Add	*3.23*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	31.83	5.16
		For Work In Restricted Working Space, Add	*3.87*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	36.16	5.45
		For Work In Restricted Working Space, Add	*4.08*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	44.62	6.52
		For Work In Restricted Working Space, Add	*4.89*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	50.99	7.81
		For Work In Restricted Working Space, Add	*5.86*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	61.84	10.89
		For Work In Restricted Working Space, Add	*8.17*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	65.38	10.89
		For Work In Restricted Working Space, Add	*8.17*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	70.20	11.44
		For Work In Restricted Working Space, Add	*8.58*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	83.92	13.07
		For Work In Restricted Working Space, Add	*9.81*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	97.48	15.79
		For Work In Restricted Working Space, Add	*11.85*	
23 07 19 00-0049		2-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	20.69	4.08
		For Work In Restricted Working Space, Add	*3.06*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.16	4.08
		For Work In Restricted Working Space, Add	*3.06*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.54	4.14
		For Work In Restricted Working Space, Add	*3.11*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.75	4.18
		For Work In Restricted Working Space, Add	*3.14*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.34	4.22
		For Work In Restricted Working Space, Add	*3.16*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.29	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.37	4.54
		For Work In Restricted Working Space, Add	*3.40*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.77	4.70
		For Work In Restricted Working Space, Add	*3.52*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	31.14	4.95
		For Work In Restricted Working Space, Add	*3.71*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	39.02	5.63
		For Work In Restricted Working Space, Add	*4.22*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	44.60	6.27
		For Work In Restricted Working Space, Add	*4.70*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	53.40	7.23
		For Work In Restricted Working Space, Add	*5.43*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	61.86	9.00
		For Work In Restricted Working Space, Add	*6.74*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	68.49	9.82
		For Work In Restricted Working Space, Add	*7.37*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	82.86	12.55
		For Work In Restricted Working Space, Add	*9.41*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	87.54	13.17
		For Work In Restricted Working Space, Add	*9.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	101.66	15.06
		For Work In Restricted Working Space, Add	*11.30*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	119.20	18.19
		For Work In Restricted Working Space, Add	*13.64*	
23 07 19 00-0068		**3" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.41	4.52
		For Work In Restricted Working Space, Add	*3.39*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.52	4.52
		For Work In Restricted Working Space, Add	*3.39*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.75	4.57
		For Work In Restricted Working Space, Add	*3.43*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.03	4.60
		For Work In Restricted Working Space, Add	*3.45*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.29	4.65
		For Work In Restricted Working Space, Add	*3.49*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	28.21	4.82
		For Work In Restricted Working Space, Add	*3.62*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.47	4.98
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.06	5.16
		For Work In Restricted Working Space, Add	*3.87*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	38.10	5.46
		For Work In Restricted Working Space, Add	*4.09*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	45.33	6.19
		For Work In Restricted Working Space, Add	*4.64*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	52.81	6.90
		For Work In Restricted Working Space, Add	*5.18*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	62.84	7.96
		For Work In Restricted Working Space, Add	*5.97*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	72.24	9.89
		For Work In Restricted Working Space, Add	*7.42*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	80.27	10.80
		For Work In Restricted Working Space, Add	*8.10*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	93.36	13.80
		For Work In Restricted Working Space, Add	*10.35*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	100.86	14.49
		For Work In Restricted Working Space, Add	*10.87*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	118.30	16.57
		For Work In Restricted Working Space, Add	*12.43*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	139.73	20.02
		For Work In Restricted Working Space, Add	*15.01*	
23 07 19 00-0087		**3-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	34.05	4.95
		For Work In Restricted Working Space, Add	*3.71*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.42	4.95
		For Work In Restricted Working Space, Add	*3.71*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.50	4.98
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.58	5.01
		For Work In Restricted Working Space, Add	*3.76*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	36.75	5.08
		For Work In Restricted Working Space, Add	*3.81*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	39.06	5.25
		For Work In Restricted Working Space, Add	*3.94*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.55	5.44
		For Work In Restricted Working Space, Add	*4.08*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.06	5.63
		For Work In Restricted Working Space, Add	*4.22*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	50.42	5.95
		For Work In Restricted Working Space, Add	*4.46*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	56.19	6.76
		For Work In Restricted Working Space, Add	*5.06*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	68.78	7.52
		For Work In Restricted Working Space, Add	*5.64*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	83.80	8.68
		For Work In Restricted Working Space, Add	*6.51*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	101.32	10.79
		For Work In Restricted Working Space, Add	*8.09*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	106.54	11.78
		For Work In Restricted Working Space, Add	*8.84*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	123.59	15.06
		For Work In Restricted Working Space, Add	*11.30*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	142.69	15.81
		For Work In Restricted Working Space, Add	*11.86*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	153.48	18.08
		For Work In Restricted Working Space, Add	*13.56*	
23 07 19 00-0105		**4" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.86	5.50
		For Work In Restricted Working Space, Add	*4.13*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.90	5.50
		For Work In Restricted Working Space, Add	*4.13*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	43.14	5.60
		For Work In Restricted Working Space, Add	*4.20*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	44.38	5.66
		For Work In Restricted Working Space, Add	*4.25*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	47.07	5.84
		For Work In Restricted Working Space, Add	*4.38*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	48.02	6.02
		For Work In Restricted Working Space, Add	*4.52*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	52.66	6.11
		For Work In Restricted Working Space, Add	*4.58*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	54.17	6.33
		For Work In Restricted Working Space, Add	*4.75*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	61.74	6.69
		For Work In Restricted Working Space, Add	*5.02*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	71.49	7.59
		For Work In Restricted Working Space, Add	*5.69*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	85.47	8.46
		For Work In Restricted Working Space, Add	*6.35*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	98.40	9.77
		For Work In Restricted Working Space, Add	*7.33*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	111.56	12.14
		For Work In Restricted Working Space, Add	*9.11*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	118.48	13.26
		For Work In Restricted Working Space, Add	*9.95*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	139.67	16.95
		For Work In Restricted Working Space, Add	*12.72*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	148.66	17.77
		For Work In Restricted Working Space, Add	*13.33*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	164.19	20.34
		For Work In Restricted Working Space, Add	*15.25*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	5.10	
		For Work In Restricted Working Space, Add	*0.87*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	757.37	13.56
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	781.02	18.28
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	853.69	22.13
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	929.55	28.03
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,058.62	32.35
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,195.57	38.22
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,233.38	76.45
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,417.72	89.46
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,257.84	131.40
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	4,793.83	189.89
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,309.93	210.24
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	811.80	20.34
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	833.42	27.42
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	901.08	33.19
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	996.16	42.05
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,282.39	48.52
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,420.73	57.34
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,502.43	114.68
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	2,746.38	134.19
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	3,995.63	197.09
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	5,796.09	284.83
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	6,444.05	315.35
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	113.66	13.56
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	134.40	18.28
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	169.18	22.13
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	139.57	20.34
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	163.65	27.42
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	204.52	33.19
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	187.84	13.56
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	223.00	18.28
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	253.85	22.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	330.17	28.03
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	342.00	32.35
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	435.27	38.22
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	934.23	76.45
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,096.83	89.46
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	228.17	20.34
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	264.42	27.42
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	340.95	33.19
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	483.04	42.05
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	509.82	48.52
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	674.66	57.34
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	554.19	70.08
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	582.32	76.45
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	764.01	89.46
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,168.44	150.17
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,336.76	189.89
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,466.71	210.24
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	3,349.13	240.27
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	4,109.04	294.33
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	5,077.24	356.76
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	5,645.22	420.46
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	7,453.12	462.51
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	9,026.71	513.81
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,020.77	105.12
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,201.25	114.68
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,482.00	134.19
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	1,908.17	225.25
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	3,885.19	284.83
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	4,025.17	315.35
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	5,069.43	360.44
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	6,705.74	441.49
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	8,150.61	535.14
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	12,693.21	630.70
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	14,152.39	693.77
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	21,744.07	770.72

23 09 23 11-0068 Valve Actuators *(23 09 23 11)*

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	399.91	86.84
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	405.73	86.84
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	529.17	86.84
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	454.04	86.84
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	462.53	86.84
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	518.27	86.84
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	676.88	86.84
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	691.95	86.84
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	728.28	86.84
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	513.77	86.84
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	590.01	86.84
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	490.65	86.84
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	499.16	86.84
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	502.34	86.84
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	560.20	86.84
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	585.15	86.84
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	598.40	86.84
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	595.77	86.84
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	604.25	86.84
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	603.72	86.84
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	658.77	86.84
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	798.00	86.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	531.53	86.84
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	633.46	86.84
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,432.83	86.84
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,606.92	86.84
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	1,929.11	86.84
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,185.49	86.84
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,587.30	86.84
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,048.04	86.84
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	4,107.51	86.84
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	5,014.63	86.84

23 09 23 12 Control Dampers *(23 09 23)*

23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	188.80	31.83
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	213.24	34.91
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	238.65	38.51
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	275.66	45.18
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	311.62	51.34
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	312.63	57.76
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	386.60	64.18
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	461.54	77.00
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	596.61	89.84
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	899.22	102.67
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,680.89	115.51
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,143.20	128.34

23 09 23 12-0014 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	181.28	35.94
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	186.50	38.51
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	195.27	38.51
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	216.39	43.64
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	248.90	43.64
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	268.26	51.34
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	361.04	54.04
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	377.73	56.01
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	400.32	60.39
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	423.42	64.75

23 09 23 12-0025 Remote Damper Control *(23 09 23 12)*

23 09 23 12-0026	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	250.24	
		For Each 10' Flexible Casing And Wire, Add	*38.37*	
23 09 23 12-0027	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	258.09	
		For Each 10' Flexible Casing And Wire, Add	*38.37*	

23 09 23 12-0028 Control Damper Actuators *(23 09 23 12)*

23 09 23 12-0029	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	440.41	84.82
23 09 23 12-0030	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	477.03	84.82
23 09 23 12-0031	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	537.01	84.82
23 09 23 12-0032	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	565.67	84.82
23 09 23 12-0033	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	582.68	84.82
23 09 23 12-0034	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	649.55	84.82

23 09 23 13 Energy Meters *(23 09 23)*

23 09 23 13-0001 Surge Protectors *(23 09 23 13)*

23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	329.13	9.25
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	248.38	9.25
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	387.33	9.25
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	208.96	9.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	208.96	9.25
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	208.96	9.25
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	302.85	9.25
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	186.42	9.25

23 09 23 14 Flow Instruments *(23 09 23)*

23 09 23 14-0001 Water Flow Meters *(23 09 23 14)*

23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	4,907.02	92.89

23 09 23 14-0003 Air Flow Monitoring Stations *(23 09 23 14)*

23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	3,834.90	98.57
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	5,521.85	98.57
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	6,881.05	98.57

23 09 23 16 Gas Instruments *(23 09 23)*

23 09 23 16-0001 Gas Sensors *(23 09 23 16)*

23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,043.09	55.45
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	902.32	36.97
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,623.24	55.45
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD, CD-AD)	879.79	66.55

23 09 23 19 Moisture Instruments *(23 09 23)*

23 09 23 19-0001 Relative Humidity Sensors *(23 09 23 19)*

23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	547.09	66.55
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	562.10	66.55
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	635.69	92.43
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	496.08	36.97

23 09 23 21 Motion Instruments *(23 09 23)*

23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	180.96	25.99
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	177.38	25.99
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	237.43	25.99
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	210.93	25.99
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	65.30	25.99
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	60.36	25.99
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	111.14	25.99

23 09 23 23 Pressure Instruments *(23 09 23)*

23 09 23 23-0001 Pressure Sensors *(23 09 23 23)*

23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	730.09	78.05
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	649.48	78.05
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	259.43	78.05
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	268.79	78.05
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	287.12	78.05
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	266.08	78.05
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	2,692.18	78.05
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	2,692.18	78.05
23 09 23 23-0010	EA	Magnahelic Gauge	703.12	47.71

23 09 23 27 Temperature Instruments *(23 09 23)*

23 09 23 27-0001 Air Temperature Sensors *(23 09 23 27)*

23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	201.41	66.55
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	282.01	66.55
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	210.68	66.55
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	220.19	66.55
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	223.35	66.55
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	220.22	66.55
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	221.91	66.55
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	237.92	66.55
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	251.92	66.55

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	305.14	92.43
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	315.91	92.43
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	137.97	36.97
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	141.93	36.97
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	131.51	36.97
23 09 23 27-0016		Water Temperature Sensors *(23 09 23 27)*		
23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	162.22	71.52
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	368.35	71.52
23 09 23 27-0019		Peco Thermostats *(23 09 23 27)*		
23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	379.15	17.33
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	338.08	17.33
23 09 23 53		**Proprietary Control Systems** *(23 09 23)*		
23 09 23 53-0001		EMCS General Costs *(23 09 23 53)*		
23 09 23 53-0002		EMCS System Design Engineering *(23 09 23 53-0001)* Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	285.95	
23 09 23 53-0004	HR	EMCS Engineering Project Management	285.95	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	303.28	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	303.28	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	195.03	
23 09 23 53-0008	HR	EMCS System Controls Training	285.95	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	285.95	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	238.35	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	247.02	
23 09 23 53-0012		Field Tests, Checkout And Commissioning *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	151.70	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	151.70	
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	151.70	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	129.97	
23 09 23 53-0017		EMCS System Engineering/Submittal Design And Layout *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	50.60	
23 09 23 53-0019		Alerton Controls *(23 09 23 53)*		
23 09 23 53-0020	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	9,631.52	
23 09 23 53-0021	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	12,427.02	
23 09 23 53-0022	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	31,735.35	
23 09 23 53-0023	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	23,760.17	
23 09 23 53-0024	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	61,537.32	
23 09 23 53-0025	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	48,490.77	
23 09 23 53-0026	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	74,129.69	
23 09 23 53-0027	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,039.22	
23 09 23 53-0028	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	28,008.00	
23 09 23 53-0029	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	20,439.97	
23 09 23 53-0030	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	12,368.27	
23 09 23 53-0031	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	7,570.55	
23 09 23 53-0032	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	2,901.71	
23 09 23 53-0033	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	5,248.10	277.29
23 09 23 53-0034	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	7,760.28	369.71
23 09 23 53-0035	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	7,657.86	369.71
23 09 23 53-0036	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	2,771.59	277.29
23 09 23 53-0037	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	3,371.83	277.29
23 09 23 53-0038	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	2,586.89	277.29
23 09 23 53-0039	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	3,234.16	277.29
23 09 23 53-0040	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	7,741.39	277.29
23 09 23 53-0041	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	3,489.78	369.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0042	EA	EXP BACnet Controller (Alerton VLX)	7,688.92	739.43
23 09 23 53-0043	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	9,002.74	739.43
23 09 23 53-0044	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,191.54	82.33
23 09 23 53-0045	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,246.91	277.29
23 09 23 53-0046	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,385.43	277.29
23 09 23 53-0047	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,906.92	277.29
23 09 23 53-0048	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,100.01	277.29
23 09 23 53-0049	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,091.61	277.29
23 09 23 53-0050	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	3,199.74	277.29
23 09 23 53-0051	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	2,436.64	277.29
23 09 23 53-0052	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	3,670.29	369.71
23 09 23 53-0053	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,618.56	184.86
23 09 23 53-0054	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,563.14	184.86
23 09 23 53-0055	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,112.59	277.29
23 09 23 53-0056	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,112.59	277.29
23 09 23 53-0057	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	2,560.04	277.29
23 09 23 53-0058	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	5,140.24	369.71
23 09 23 53-0059	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,192.34	277.29
23 09 23 53-0060	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	151.55	10.40
23 09 23 53-0061	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	249.27	10.40
23 09 23 53-0062	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	645.50	10.40
23 09 23 53-0063	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	645.50	10.40
23 09 23 53-0064	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	501.13	10.40
23 09 23 53-0065	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	165.33	10.40
23 09 23 53-0066	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	681.61	10.40
23 09 23 53-0067	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	765.57	10.40
23 09 23 53-0068	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,191.35	277.29
23 09 23 53-0069	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	3,397.85	277.29
23 09 23 53-0070	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	3,219.89	277.29
23 09 23 53-0071	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	9,887.52	
23 09 23 53-0072	EA	Global Controller Base Unit (Alerton ACM)	5,388.42	277.29
23 09 23 53-0073	EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,170.56	154.24
23 09 23 53-0074	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	963.87	
23 09 23 53-0075	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,103.84	10.40

23 09 23 53-0076 Automated Logic Controls *(23 09 23 53)*

23 09 23 53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	3,608.29	277.29
23 09 23 53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	8,004.81	831.86
23 09 23 53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	2,463.18	277.29
23 09 23 53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	5,266.82	369.71
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	5,181.36	369.71
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	8,311.76	739.43
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	4,625.90	369.71
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	4,667.94	277.29
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	7,799.03	739.43
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,800.57	184.86
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	1,924.07	184.86
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	2,729.55	184.86
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	2,633.41	184.86
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,240.99	277.29
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	13,967.60	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	8,754.78	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	11,606.29	

23 09 23 53-0094 Cypress Envirosystems Controls *(23 09 23 53)*

23 09 23 53-0095 Wireless Pneumatic Thermostat *(23 09 23 53-0094)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP) Note: One for every thermostat to be retrofitted.	537.83	11.56
		For >50 To 200, Deduct	*-27.76*	
		For >200, Deduct	*-55.48*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP) Note: One for every thermostat to be retrofitted.	537.83	11.56
		For >50 To 200, Deduct	*-27.76*	
		For >200, Deduct	*-55.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP) Note: One for every thermostat to be retrofitted.	537.83	11.56
		For >50 To 200, Deduct	*-27.76*	
		For >200, Deduct	*-55.48*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP) Note: One for every thermostat to be retrofitted.	537.83	11.56
		For >50 To 200, Deduct	*-27.76*	
		For >200, Deduct	*-55.48*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB) Note: One for every thermostat to be retrofitted.	612.20	11.56
		For >50 To 200, Deduct	*-31.90*	
		For >200, Deduct	*-63.74*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB) Note: One for every thermostat to be retrofitted.	612.20	11.56
		For >50 To 200, Deduct	*-31.90*	
		For >200, Deduct	*-63.74*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	612.20	11.56
		For >50 To 200, Deduct	*-31.90*	
		For >200, Deduct	*-63.74*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB) Note: One for every thermostat to be retrofitted.	628.23	11.56
		For >50 To 200, Deduct	*-32.79*	
		For >200, Deduct	*-65.52*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	44.32	11.56
		For >50 To 200, Deduct	*-1.82*	
		For >200, Deduct	*-3.64*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-800-001) Note: One unit for up to 100 thermostats.	5,911.05	11.56
		For 2, Deduct	*-302.96*	
		For >2, Deduct	*-605.37*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	443.96	11.56
		For 2, Deduct	*-24.04*	
		For >2, Deduct	*-48.04*	
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	771.15	11.56
		For >5 To 10, Deduct	*-39.66*	
		For >10, Deduct	*-79.26*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	945.12	11.56
		For >5 To 10, Deduct	*-46.12*	
		For >10, Deduct	*-92.17*	

23 09 23 53-0109 Delta Controls *(23 09 23 53)*

23 09 23 53-0110 Software *(23 09 23 53-0109)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,315.94	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	3,911.40	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	8,474.70	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	13,398.24	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	6,879.24	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,315.94	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	5,575.44	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	6,879.24	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,430.88	115.54
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,653.82	

23 09 23 53-0121 EMCS Central Equipment And Controllers *(23 09 23 53-0109)*

23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,368.00	462.14
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	6,281.92	462.14
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,544.61	462.14

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	4,544.61	462.14
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,544.61	462.14
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,226.91	462.14
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,501.22	231.07
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,361.06	231.07
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,454.06	231.07
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,361.06	231.07
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,241.44	288.83
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	803.90	115.54
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	862.99	115.54
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,016.26	115.54
23 09 23 53-0136		Network, VAV And Special Sensors *(23 09 23 53-0105)*		
23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	268.35	36.97
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	364.74	41.60
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	720.86	17.33
23 09 23 53-0140		Honeywell Controls *(23 09 23 53)*		
23 09 23 53-0141		EMCS Central Equipment And Controllers *(23 09 23 53-0140)*		
23 09 23 53-0142		EMCS Network Area Controllers (BACnet Or Lon) *(23 09 23 53-0141)*		
		Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004)	11,646.65	563.24
		Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.		
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022)	7,918.96	563.24
		Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).		
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201)	6,029.23	563.24
		Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.		
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ)	7,533.01	563.24
		Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.		
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)	5,977.46	563.24
		Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.		
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)	5,977.46	563.24
		Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.		
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)	6,497.54	563.24
		Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)	7,043.52	563.24
		Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)	6,497.54	563.24
		Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)	7,043.52	563.24
		Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,048.23	563.24
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,594.20	563.24
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,048.23	563.24
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,594.20	563.24
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,507.13	563.24
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	9,330.97	563.24
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	9,893.41	563.24
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	11,717.25	563.24
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	9,919.30	563.24
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	13,395.18	563.24
23 09 23 53-0163		**EMCS Network Interfaces** *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,687.80	155.97
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,434.82	103.98
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,829.54	195.03
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	2,807.35	281.68
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,444.77	281.68
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	103.87	34.66
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,676.79	636.93
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,243.53	376.97
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,858.76	746.11
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,425.51	486.15
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,161.17	779.94
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,836.17	584.38
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,356.12	896.92
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,005.08	686.40
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,366.57	636.83
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,933.31	376.97
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,604.92	779.94
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,171.55	519.91
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,166.92	647.32
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,725.00	529.15
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,405.27	896.91
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	2,963.23	596.16
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,007.81	896.91
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	3,613.60	573.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,484.52	896.91
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,090.20	671.27
23 09 23 53-0191		DDC Programmable Controller Assemblies *(23 09 23 53-0141)*		
		Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,715.53	688.94
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,161.75	688.94
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,249.29	810.25
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,695.51	810.25
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	7,776.31	948.90
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,292.12	948.90
23 09 23 53-0198		EMCS Optional DDC Controller Hardware *(23 09 23 53-0141)*		
		Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005)	536.56	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011)	620.11	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001)	649.52	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	613.05	
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	622.46	
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	608.34	
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	523.62	
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	455.37	
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	667.17	
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	596.57	
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	658.94	
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,399.06	
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,740.29	
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	869.56	
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	856.62	
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	420.07	
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	477.73	
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	882.50	
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	943.69	
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	590.69	
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	590.69	
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	590.69	
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	590.69	
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	104.72	
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	197.68	
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	194.15	
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	594.22	
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	88.25	
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	594.22	
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	547.15	
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	547.15	
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	576.57	
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	576.57	
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	829.55	
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16)	978.99	
		Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005)	2,080.35	
		Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		
23 09 23 53-0235		EMCS Software *(23 09 23 53-0140)*		
23 09 23 53-0236		Software Packages And License *(23 09 23 53-0235)*		
		Note: Includes installation on equipment.		
23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB)	663.64	
		Note: Requires UI services to be installed on NAC.		
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX)	2,517.35	
		Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX)	7,413.02	
		Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS)	4,412.51	
		Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software	4,988.36	
		Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W)	3,486.51	
		Note: One copy is included with WEB-S-AX and WEBStation-AX.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E² Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E² Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	6,245.80	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E² Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	780.16	
23 09 23 53-0245	EA	Perpetual License For One Point Of E² Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	503.65	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	34,019.92	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	31,026.68	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	11,820.83	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	8,820.32	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,549.84	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,549.84	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	17,650.05	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,353.34	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,549.84	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	6,668.19	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,549.84	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	42,753.13	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	78,445.06	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	137,278.56	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,060.02	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,530.01	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	2,761.68	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,046.85	
23 09 23 53-0264		**Initial Database Generation** *(23 09 23 53-0235)*		
23 09 23 53-0265	PNT	Database Generation For Central Plant	77.52	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	77.52	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	77.52	
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	53.96	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	53.96	
23 09 23 53-0270		**Application Software Programs** *(23 09 23 53-0235)*		
23 09 23 53-0271	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	3,235.00	
23 09 23 53-0272	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	108.15	
23 09 23 53-0273	EA	Duty Cycling Program	51.07	
23 09 23 53-0274	EA	Hot Deck/Cold Deck Reset Application Program	5,557.60	
23 09 23 53-0275	EA	Boiler Optimization Program	7,282.89	
23 09 23 53-0276	EA	Chiller Optimization Program	9,865.41	
23 09 23 53-0277	EA	Lighting Control Program	4,760.67	
23 09 23 53-0278	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	94.85	
23 09 23 53-0279	EA	Email Alarm Server Configuration	3,672.65	
23 09 23 53-0280		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0281	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,938.47	
23 09 23 53-0282	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,441.68	
23 09 23 53-0283	EA	Color Graphics Page For Central Plant	880.73	
23 09 23 53-0284	EA	Color Graphics Page For Building Floor Plan	813.26	
23 09 23 53-0285	EA	Replication Of Color Graphics Page For Central Plant	441.81	
23 09 23 53-0286	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	990.84	
23 09 23 53-0287	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	211.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0288	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	916.43	
23 09 23 53-0289	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	91.62	
23 09 23 53-0290		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0291		**Special Sensors** *(23 09 23 53-0290)*		
23 09 23 53-0292	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,081.10	71.52
23 09 23 53-0293	EA	Enthalpy Sensor -25 To 125 F	2,172.02	71.52
23 09 23 53-0294	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	968.63	143.04
23 09 23 53-0295	EA	Freezestat (Honeywell L482A1004)	663.58	238.35
23 09 23 53-0296	EA	Wall Mounted Occupancy Sensor	480.46	71.52
23 09 23 53-0297	EA	Ceiling Mounted Occupancy Sensor	380.22	71.52
23 09 23 53-0298	EA	I/P Positioner With Gauge	448.07	71.52
23 09 23 53-0299	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	536.23	71.52
23 09 23 53-0300	EA	EP Transducer	448.07	47.71
23 09 23 53-0301	EA	Electric Heat Sequencer	709.47	95.31
23 09 23 53-0302		**Meters** *(23 09 23 53-0290)*		
23 09 23 53-0303	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	4,571.43	571.91
23 09 23 53-0304	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON Interface	6,624.82	667.22
23 09 23 53-0305	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,583.01	238.35
23 09 23 53-0306	EA	300 To 800 Amperes, Current Transformer For KW Meter	1,817.28	238.35
23 09 23 53-0307	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,266.55	238.35
23 09 23 53-0308		**Direct Coupled Actuators** *(23 09 23 53-0290)*		
23 09 23 53-0309	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	586.60	84.70
23 09 23 53-0310	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	652.60	84.70
23 09 23 53-0311	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	766.08	84.70
23 09 23 53-0312	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	547.98	84.70
23 09 23 53-0313	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	618.96	84.70
23 09 23 53-0314	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	689.25	84.70
23 09 23 53-0315	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	622.84	84.70
23 09 23 53-0316	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	724.05	84.70
23 09 23 53-0317	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	833.29	84.70
23 09 23 53-0318	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	495.33	84.70
23 09 23 53-0319	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	549.22	84.70
23 09 23 53-0320	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	657.48	84.70
23 09 23 53-0321	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	708.44	84.70
23 09 23 53-0322	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	707.81	84.70
23 09 23 53-0323	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	847.56	84.70
23 09 23 53-0324	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	517.41	84.70
23 09 23 53-0325	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	925.45	84.70
23 09 23 53-0326	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	383.32	84.70
23 09 23 53-0327	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	594.04	84.70
23 09 23 53-0328		**Thermostats** *(23 09 23 53-0140)*		
23 09 23 53-0329		**Electric And Electronic Thermostats** *(23 09 23 53-0328)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0330	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	210.22	17.33
23 09 23 53-0331	EA	Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	226.95	17.33
23 09 23 53-0332	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	208.36	17.33
23 09 23 53-0333	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	233.82	17.33
23 09 23 53-0334	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	252.96	17.33
23 09 23 53-0335	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	375.61	17.33
23 09 23 53-0336	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	550.29	17.33
23 09 23 53-0337	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	895.67	17.33
23 09 23 53-0338	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	955.68	17.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0339		**Pneumatic Thermostats** *(23 09 23 53-0328)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0340	EA	Pneumatic Thermostat (Honeywell TP970B2182)	294.93	17.33
23 09 23 53-0341		**Thermostats Guards** *(23 09 23 53-0328)*		
23 09 23 53-0342	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	70.80	17.33
23 09 23 53-0343	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	84.74	17.33
23 09 23 53-0344	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	79.72	17.33
23 09 23 53-0345		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0346		**Software** *(23 09 23 53-0345)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0347	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	18,892.58	
23 09 23 53-0348	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	22,345.68	
23 09 23 53-0349	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,090.33	
23 09 23 53-0350	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,659.41	
23 09 23 53-0351	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	2,950.37	
23 09 23 53-0352	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,099.97	
23 09 23 53-0353	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,094.22	
23 09 23 53-0354	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	389.61	
23 09 23 53-0355		**Supervisory Controllers** *(23 09 23 53-0345)*		
23 09 23 53-0356	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	8,151.74	462.14
23 09 23 53-0357	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	12,705.79	462.14
23 09 23 53-0358	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	17,269.93	462.14
23 09 23 53-0359	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	6,397.55	462.14
23 09 23 53-0360		**Controllers** *(23 09 23 53-0345)*		
23 09 23 53-0361	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	946.08	115.54
23 09 23 53-0362	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,249.74	231.07
23 09 23 53-0363	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,621.18	231.07
23 09 23 53-0364	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	1,924.83	231.07
23 09 23 53-0365	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	771.87	115.54
23 09 23 53-0366	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	849.30	115.54
23 09 23 53-0367	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	965.44	115.54
23 09 23 53-0368	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	980.92	115.54
23 09 23 53-0369	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,003.84	231.07
23 09 23 53-0370	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	961.32	115.54
23 09 23 53-0371	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,403.92	115.54
23 09 23 53-0372		**Master FX Controllers** *(23 09 23 53-0345)*		
23 09 23 53-0373	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,538.11	231.07
23 09 23 53-0374	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	2,721.78	231.07
23 09 23 53-0375	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	2,813.05	231.07
23 09 23 53-0376	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	2,757.58	231.07
23 09 23 53-0377	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	2,670.90	231.07
23 09 23 53-0378	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	2,684.80	231.07
23 09 23 53-0379	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	2,670.90	231.07

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0380	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	2,721.98	231.07
23 09 23 53-0381	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	2,880.60	231.07
23 09 23 53-0382	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	2,986.35	231.07
23 09 23 53-0383	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	2,933.47	231.07
23 09 23 53-0384	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	2,825.24	231.07
23 09 23 53-0385	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	2,721.98	231.07
23 09 23 53-0386	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	2,880.60	231.07
23 09 23 53-0387	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	2,986.35	231.07
23 09 23 53-0388	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	2,933.47	231.07
23 09 23 53-0389	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	2,825.24	231.07
23 09 23 53-0390	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	302.89	57.76
23 09 23 53-0391	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	433.02	57.76
23 09 23 53-0392	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	339.42	57.76
23 09 23 53-0393	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	302.89	57.76
23 09 23 53-0394	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	839.18	57.76
23 09 23 53-0395	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	772.24	57.76
23 09 23 53-0396	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	787.92	57.76
23 09 23 53-0397	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	787.92	57.76
23 09 23 53-0398	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	866.21	57.76
23 09 23 53-0399	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	866.21	57.76
23 09 23 53-0400	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,091.29	57.76
23 09 23 53-0401	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,091.29	57.76
23 09 23 53-0402	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,218.51	57.76
23 09 23 53-0403	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,218.51	57.76

23 09 23 53-0404 VAV, Network And Special Sensors *(23 09 23 53-0345)*

23 09 23 53-0405	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	574.98	36.97
23 09 23 53-0406	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	191.02	36.97
23 09 23 53-0407	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	444.53	36.97
23 09 23 53-0408	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	665.95	36.97
23 09 23 53-0409	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	219.76	36.97
23 09 23 53-0410	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	603.52	36.97

23 09 23 53-0411 Sensors - Hard Wired Type *(23 09 23 53-0345)*

23 09 23 53-0412	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	183.71	66.55
23 09 23 53-0413	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	158.14	36.97
23 09 23 53-0414	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	447.08	17.33
23 09 23 53-0415	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	605.99	17.33
23 09 23 53-0416	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	447.96	17.33
23 09 23 53-0417	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	589.34	36.97
23 09 23 53-0418	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	726.87	36.97

23 09 23 53-0419 Melink Intelli-Hood IH3 Controls *(23 09 23 53)*

23 09 23 53-0420 Kitchen Ventilation Controllers *(23 09 23 53-0419)*

23 09 23 53-0421	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	9,482.71	462.14
23 09 23 53-0422	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	1,804.88	95.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0423	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	2,932.09	384.73
23 09 23 53-0424		**Kitchen Ventilation Sensors** *(23 09 23 53-0419)*		
23 09 23 53-0425	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	531.00	66.55
23 09 23 53-0426	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	4,570.09	369.71
23 09 23 53-0427		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0428	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	431.43	17.33
23 09 23 53-0429	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	303.97	17.33
23 09 23 53-0430	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	311.73	78.05
23 09 23 53-0431	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	474.45	78.05
23 09 23 53-0432	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	73.11	11.56
23 09 23 53-0433	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	244.43	115.54
23 09 23 53-0434	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	394.37	18.28
23 09 23 53-0435	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	695.32	33.19
23 09 23 53-0436	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,410.07	33.19
23 09 23 53-0437	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,188.37	42.05
23 09 23 53-0438	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	312.67	66.55
23 09 23 53-0439	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	263.59	36.97
23 09 23 53-0440	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	1,363.52	184.86
23 09 23 53-0441	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	104.98	5.77
23 09 23 53-0442	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,576.68	184.86
23 09 23 53-0443	EA	MMI Extension Cable (Siemens 545-712)	181.33	5.77
23 09 23 53-0444	EA	Remote Pressure Transmitter (Siemens 547-003)	1,389.18	36.97
23 09 23 53-0445	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	909.68	92.43
23 09 23 53-0446	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	738.23	92.43
23 09 23 53-0447	EA	Door Lock And Key Assembly (Siemens 567-225)	40.59	23.10
23 09 23 53-0448	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	14,085.93	
23 09 23 53-0449	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	497.48	
23 09 23 53-0450	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,103.11	
23 09 23 53-0451	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	463.01	11.04
23 09 23 53-0452	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	976.97	19.13
23 09 23 53-0453	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	12,831.59	462.14
23 09 23 53-0454	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	14,480.03	462.14
23 09 23 53-0455	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	169.40	17.33
23 09 23 53-0456	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	589.27	84.70
23 09 23 53-0457	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	617.88	84.70
23 09 23 53-0458	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,096.10	
23 09 23 53-0459	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	827.11	
23 09 23 53-0460	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,661.98	
23 09 23 53-0461	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	1,905.61	
23 09 23 53-0462	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,638.16	
23 09 23 53-0463	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	4,843.12	
23 09 23 53-0464	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	770.32	2.31
23 09 23 53-0465	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	859.69	9.25
23 09 23 53-0466	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	435.67	2.31
23 09 23 53-0467	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	471.45	23.10
23 09 23 53-0468	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	792.65	23.10
23 09 23 53-0469	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,074.73	23.10
23 09 23 53-0470	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	38.58	11.56
23 09 23 53-0471	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	990.42	57.76
23 09 23 53-0472	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,450.06	57.76
23 09 23 53-0473	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	1,159.76	57.76
23 09 23 53-0474	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,643.62	57.76
23 09 23 53-0475	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	7,253.32	647.00
23 09 23 53-0476	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	6,155.97	184.86
23 09 23 53-0477	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	9,673.77	739.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0478	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	3,292.37	346.61
23 09 23 53-0479	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	3,620.50	346.61
23 09 23 53-0480	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	3,403.08	346.61
23 09 23 53-0481	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	4,175.96	369.71
23 09 23 53-0482	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	4,402.53	369.71
23 09 23 53-0483	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	4,346.32	369.71
23 09 23 53-0484	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	4,549.32	369.71
23 09 23 53-0485	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	4,341.20	369.71
23 09 23 53-0486	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	4,547.94	369.71
23 09 23 53-0487	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	6,748.20	647.00
23 09 23 53-0488	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	10,823.89	739.43
23 09 23 53-0489	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,228.86	
23 09 23 53-0490	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	662.32	46.22
23 09 23 53-0491	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	760.70	92.43
23 09 23 53-0492	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	811.86	23.10
23 09 23 53-0493	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	383.83	66.55
23 09 23 53-0494	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	268.46	36.97
23 09 23 53-0495	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	168.34	36.97
23 09 23 53-0496	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	208.35	66.55
23 09 23 53-0497	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	344.99	66.55
23 09 23 53-0498	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	267.82	66.55
23 09 23 53-0499	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,299.03	372.26
23 09 23 53-0500	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	35.11	11.56
23 09 23 53-0501	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.80	
23 09 23 53-0502	EA	16 Digital Input Module (Siemens TXM1.16D)	637.90	11.56
23 09 23 53-0503	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	950.97	11.56
23 09 23 53-0504	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,509.66	23.10
23 09 23 53-0505	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	530.47	36.97

23 09 23 53-0506 Trane Controls *(23 09 23 53)*

23 09 23 53-0507 Software *(23 09 23 53-0506)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0508	EA	Summit + Building Management Package (Trane 40201152)	7,003.00	
23 09 23 53-0509	EA	Summit Current Version Software (Trane 40201111)	3,952.84	
23 09 23 53-0510	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	955.09	
23 09 23 53-0511	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	3,930.64	
23 09 23 53-0512	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	10,859.49	

23 09 23 53-0513 EMCS Central Equipment And Controllers *(23 09 23 53-0506)*

23 09 23 53-0514	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,045.95	462.14
23 09 23 53-0515	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	13,797.35	462.14
23 09 23 53-0516	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	13,797.35	462.14
23 09 23 53-0517	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	12,114.25	462.14
23 09 23 53-0518	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	14,071.17	462.14
23 09 23 53-0519	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	212.97	28.89
23 09 23 53-0520	EA	Summit Comm5 Repeater (Trane 49500457)	1,642.55	231.07
23 09 23 53-0521	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,796.18	288.83
23 09 23 53-0522	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,589.02	346.61
23 09 23 53-0523	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,811.28	346.61
23 09 23 53-0524	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,372.48	346.61
23 09 23 53-0525	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,369.06	346.61
23 09 23 53-0526	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,071.42	115.54
23 09 23 53-0527	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	974.74	115.54
23 09 23 53-0528	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,756.22	231.07
23 09 23 53-0529	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,676.04	231.07
23 09 23 53-0530	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	939.32	115.54
23 09 23 53-0531	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	822.91	115.54
23 09 23 53-0532	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,225.77	115.54
23 09 23 53-0533	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,110.00	115.54
23 09 23 53-0534	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	949.69	115.54
23 09 23 53-0535	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	904.78	115.54
23 09 23 53-0536	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,041.74	115.54
23 09 23 53-0537	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	949.69	115.54
23 09 23 53-0538	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,318.15	231.07
23 09 23 53-0539	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,432.64	231.07

23 09 23 53-0540 Network, VAV And Special Sensors *(23 09 23 53-0506)*

23 09 23 53-0541	EA	Digital Display Zone Sensor (Trane X13790464010)	224.40	36.97
23 09 23 53-0542	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	149.38	36.97
23 09 23 53-0543	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	136.72	36.97
23 09 23 53-0544	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	276.62	41.60
23 09 23 53-0545	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	166.63	36.97

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23 09 23 53-0546	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	166.63	36.97
23 09 23 53-0547	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	583.07	66.55
23 09 23 53-0548	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	534.44	36.97
23 09 23 53-0549	EA	Transformer 120/24 40 VA (Trane X13550284010)	130.39	36.97
23 09 23 53-0550	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	125.87	36.97
23 09 23 53-0551	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	118.64	36.97
23 09 23 53-0552	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,479.19	231.07
23 09 23 53-0553	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,417.43	231.07
23 09 23 53-0554	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,288.71	231.07
23 09 23 53-0555	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,300.82	346.61
23 09 23 53-0556	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,288.71	231.07
23 09 23 53-0557	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,353.91	231.07
23 09 23 53-0558	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,359.21	231.07
23 09 23 53-0559	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	491.60	230.09
23 09 23 53-0560	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	709.31	230.09
23 09 23 53-0561	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,574.70	346.61
23 09 23 53-0562	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,475.27	346.61
23 09 23 53-0563	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	152.99	46.05
23 09 23 53-0564	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	552.09	46.05
23 09 23 53-0565	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,636.17	346.61
23 09 23 53-0566	EA	BACnet Term (2 Pack) (Trane X1365152401)	242.96	82.84
23 09 23 53-0567	EA	Tracer ES Add License (Trane X40250125010)	3,162.85	
23 09 23 53-0568	EA	Kit - Tracer TU For Controls (Trane X4509151201)	4,835.07	462.14
23 09 23 53-0569	EA	Kit - Tracer TU Complete (Trane X4509151301)	6,350.00	462.14
23 09 23 53-0570	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	626.21	82.84
23 09 23 53-0571	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	359.56	82.84
23 09 23 53-0572	EA	Sensor Wireless Display Sensor (Trane X13790822010)	406.56	82.84
23 09 23 53-0573	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	364.08	82.84
23 09 23 53-0574	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	493.96	82.84
23 09 23 53-0575	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	538.22	82.84

23 09 23 53-0576 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23 53)*

23 09 23 53-0577 Room Pressure Monitoring *(23 09 23 53-0576)*

23 09 23 53-0578	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,165.90	51.34
23 09 23 53-0579	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,125.70	51.34
23 09 23 53-0580	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	395.19	30.80
23 09 23 53-0581	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	457.74	30.80

23 09 23 53-0582 Current Switches And Current Sensors *(23 09 23 53-0576)*

23 09 23 53-0583	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	139.43	36.97
23 09 23 53-0584	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	144.86	36.97
23 09 23 53-0585	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	224.40	36.97
23 09 23 53-0586	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	132.20	36.97
23 09 23 53-0587	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	408.79	36.97
23 09 23 53-0588	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	260.24	36.97
23 09 23 53-0589	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	198.35	36.97
23 09 23 53-0590	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	198.35	36.97
23 09 23 53-0591	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,343.46	184.86
23 09 23 53-0592	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,359.16	36.97
23 09 23 53-0593	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,066.55	36.97
23 09 23 53-0594	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	212.90	36.97
23 09 23 53-0595	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	316.73	98.21
23 09 23 53-0596	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	317.16	98.21
23 09 23 53-0597	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	338.86	98.21
23 09 23 53-0598	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	344.28	98.21
23 09 23 53-0599	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	375.01	98.21
23 09 23 53-0600	EA	Toggle Switch	129.28	46.22
23 09 23 53-0601	EA	Maintained Pushbutton Switch	138.13	46.22
23 09 23 53-0602	EA	Manual Time Switch	221.59	46.22
23 09 23 53-0603	EA	Emergency Stop Switch	370.82	46.22
23 09 23 53-0604	EA	Float Switch	356.75	46.22
23 09 23 53-0605	EA	Break Glass Switch	1,171.45	46.22
23 09 23 53-0606	EA	Boiler E-Stop Switch	717.42	46.22

23 09 23 53-0607 Relays *(23 09 23 53-0576)*

23 09 23 53-0608	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	115.03	36.97
23 09 23 53-0609	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	126.15	36.97
23 09 23 53-0610	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	178.56	46.22
23 09 23 53-0611	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	225.88	36.97
23 09 23 53-0612	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	106.96	36.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0613	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	105.34	36.97
23 09 23 53-0614	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	115.03	36.97
23 09 23 53-0615	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	120.11	36.97
23 09 23 53-0616	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	121.50	36.97
23 09 23 53-0617	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	131.72	46.22
23 09 23 53-0618	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	177.10	46.22
23 09 23 53-0619	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	317.04	46.22
23 09 23 53-0620	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	315.03	46.22

23 09 23 53-0621 Transformers *(23 09 23 53-0576)*

23 09 23 53-0622	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	138.24	36.97
23 09 23 53-0623	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	150.86	36.97
23 09 23 53-0624	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	150.86	36.97
23 09 23 53-0625	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	162.28	36.97
23 09 23 53-0626	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	169.32	36.97

23 09 23 53-0627 Power Supplies *(23 09 23 53-0576)*

23 09 23 53-0628	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	209.23	36.97
23 09 23 53-0629	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	244.25	36.97
23 09 23 53-0630	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	228.47	36.97
23 09 23 53-0631	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	235.93	36.97
23 09 23 53-0632	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	229.28	36.97
23 09 23 53-0633	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	240.42	36.97
23 09 23 53-0634	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	179.13	36.97

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.26	0.87
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.88	0.90
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.79	0.92
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.85	0.95

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0008	LF	1/4" Outside Diameter x .049" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.00	0.87
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.15	0.90
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.47	0.92
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.11	0.95

23 09 43 00-0012 Nylon Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.39	0.84
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.19	0.87
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	4.86	0.92
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	6.28	0.95

23 09 43 00-0017 Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.33	0.87
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.82	0.92
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.63	0.95
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.66	0.97
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.42	1.00
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	8.84	1.03

23 09 43 00-0024 Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.18	0.97
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	3.71	1.00
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	4.67	1.03

23 09 43 00-0028 Copper Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	5.12	1.87
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	6.32	2.16
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	7.34	2.48
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	9.19	2.86
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	10.44	3.28

23 09 43 00-0034 Brass Couplings *(23 09 43 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0035		Straight Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	10.16	4.73
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	10.28	4.73
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	10.39	4.73
23 09 43 00-0039		Elbow Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	10.81	4.73
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	11.20	4.73
23 09 43 00-0042		Tee Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	16.50	7.36
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	18.96	7.88
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	18.54	7.88

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*		
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)* Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.58	1.84
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.13	2.00
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.34	2.16
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	9.26	2.29
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.90	2.40
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	16.52	2.50
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.36	2.66
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.67	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.67	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.58	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.58	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.31	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	47.08	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	47.08	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	79.66	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	145.39	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	235.10	
23 11 23 00-0022		Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.84	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.58	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.58	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.31	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.31	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.03	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.03	
23 11 23 00-0030		Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.81	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.78	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0033		**Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.71	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.60	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.64	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.98	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	132.51	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	258.18	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	428.38	
23 11 23 00-0041		**Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.40	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	79.22	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	125.21	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	215.05	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	231.21	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	265.40	
23 11 23 00-0048		**Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.09	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.19	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.10	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.44	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.14	
23 11 23 00-0054		**Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.34	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.30	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.69	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.28	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.28	
23 11 23 00-0060		**Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.66	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.08	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	59.85	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	94.75	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	98.35	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.57	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	175.90	
23 11 23 00-0068		**Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.80	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	60.16	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.32	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.49	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	123.30	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	169.38	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	213.58	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.03	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.73	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.66	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.47	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	165.67	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	263.51	
23 11 23 00-0083		Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.36	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.00	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.39	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.49	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.75	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.52	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.91	
23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.88	19.36
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	93.60	20.32
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	59.51	16.94
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.25	20.12
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	84.97	24.20
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	106.34	32.32
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.08	20.12
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.96	24.20
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	78.26	20.12
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.32	24.20
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	164.85	60.48
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.27	20.12
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.27	20.12
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.23	20.12
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	116.29	24.20
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	116.29	24.20
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	132.42	32.32
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	197.85	36.28
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	102.75	20.12
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	256.50	24.20
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	623.39	36.28
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)*		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	46.15	14.52
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.22	15.48
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	56.08	15.48
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	59.03	16.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	62.86	16.45
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	71.87	17.42
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	80.03	17.42
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	88.08	18.39
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	46.15	14.52
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.22	15.48
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	56.08	15.48
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	59.03	16.45
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	62.86	16.45
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	71.87	17.42
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	80.03	17.42
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	88.08	18.39
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	46.15	14.52
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.22	15.48
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	56.08	15.48
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	59.03	16.45
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	62.86	16.45
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	71.87	17.42
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	80.03	17.42
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	88.08	18.39
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	46.15	14.52
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.22	15.48
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	69.08	15.48
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	59.03	16.45
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	62.86	16.45
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	71.87	17.42
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	80.03	17.42
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	88.08	18.39
23 11 23 00-0153		3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	51.16	14.52
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	57.44	15.48
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	56.08	15.48
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	66.97	16.45
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	62.86	16.45

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23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	71.87	17.42
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	80.03	17.42
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	88.08	18.39
23 11 23 00-0162		**3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	46.15	14.52
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	63.44	15.48
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	59.03	16.45
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	62.86	16.45
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	71.87	17.42
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	93.28	17.42
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	88.08	18.39
23 11 23 00-0170		**3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	46.15	14.52
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.22	15.48
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	56.08	15.48
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	59.03	16.45
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	62.86	16.45
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	71.87	17.42
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	80.03	17.42
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	88.08	18.39
23 11 23 00-0179		**3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	46.15	14.52
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.22	15.48
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	56.08	15.48
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	59.03	16.45
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	62.86	16.45
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	71.87	17.42
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	80.03	17.42
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	88.08	18.39
23 11 23 00-0188		**3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	57.44	15.48
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	56.08	15.48
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	66.97	16.45
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	71.65	16.45
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	83.03	17.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	46.15	14.52
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.22	15.48
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	50.87	15.48
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	59.03	16.45
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	56.64	16.45
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	73.77	17.42
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	80.03	17.42
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	88.08	18.39
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	46.15	14.52
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	46.98	15.48
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	48.00	15.48
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	59.03	16.45
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	62.86	16.45
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	63.75	17.42
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	80.03	17.42
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	88.08	18.39
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	46.15	14.52
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.22	15.48
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	56.08	15.48
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	59.03	16.45
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	52.32	16.45
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	71.87	17.42
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	80.03	17.42
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	88.08	18.39
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	64.00	14.52
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	69.03	15.48
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	73.89	15.48
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	76.82	16.45
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	80.82	16.45
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	89.27	17.42
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	98.15	17.42
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	106.23	18.39

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0230		3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	73.67	19.36
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	78.71	20.32
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	83.57	20.32
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	86.50	21.29
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	90.49	21.29
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	98.95	22.26
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	107.83	22.26
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	115.91	23.23
23 11 23 00-0239		3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	73.67	19.36
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	78.71	20.32
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	83.57	20.32
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	86.50	21.29
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	90.49	21.29
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	98.95	22.26
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	107.83	22.26
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	115.91	23.23
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	88.17	19.36
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	93.22	20.32
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	98.08	20.32
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	101.01	21.29
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	105.02	21.29
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	113.47	22.26
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	122.35	22.26
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	88.17	19.36
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	93.22	20.32
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	98.08	20.32
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	105.02	21.29
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	113.47	22.26
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	122.35	22.26
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	88.17	19.36
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	93.22	20.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	98.08	20.32
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	101.01	21.29
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	105.02	21.29
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	113.47	22.26
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	122.35	22.26
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	130.42	23.23
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	69.84	19.36
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	74.91	20.32
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	79.79	20.32
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	82.68	21.29
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	86.69	21.29
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	95.12	22.26
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	112.05	23.23
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	85.23	20.32
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	91.25	20.32
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	40.67	10.30
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	40.25	10.51
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	58.86	11.56
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	40.23	10.30
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	42.33	10.51
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	48.47	10.51
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	51.76	11.03
23 11 23 00-0291	EA	5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	54.89	11.03
23 11 23 00-0292	EA	5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	54.89	11.03
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	42.57	10.30
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	44.67	10.51
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	56.54	11.03
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	44.98	10.51
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	60.62	11.56
23 11 23 00-0298	EA	3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	42.45	10.30
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	39.92	10.30
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	40.23	10.51
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	55.49	11.56
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	76.95	13.13
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	113.06	13.66
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	135.16	15.76
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	168.10	18.91
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	41.59	10.51
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	55.08	11.56
23 11 23 00-0308		Gas Stops *(23 11 23)*		
23 11 23 00-0309		Brass/Bronze Gas Stops *(23 11 23 00-0308)*		
		Note: Flat or square head		
23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	48.52	10.51
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	48.50	10.51
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	63.61	11.56
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	89.83	13.13
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	119.66	13.98
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	151.09	16.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	210.29	19.12
23 11 23 00-0317		**Iron Body Gas Stops** *(23 11 23 00-0308)*		
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	65.90	10.51
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	80.72	11.56
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	100.15	13.13
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	129.69	13.98
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	163.68	16.18
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	213.15	19.12
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	416.05	25.84
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	559.47	29.99
23 11 23 00-0326		**Bronze Body Solenoid Valves, 150 PSI Gas** *(23 11 23)*		
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	171.23	10.51
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	199.72	10.51
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	254.20	11.56
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	381.91	13.13
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	683.79	16.18
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,165.68	19.12
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,443.68	25.84
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,177.37	29.99

23 11 26 Facility Liquefied-Petroleum Gas Piping *(23 11)*

23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*

23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).

23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	18.40	6.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-7.80*	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	22.05	8.32
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-9.36*	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	29.39	12.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-13.79*	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	34.43	14.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.53*	
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	40.13	15.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.78*	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	54.23	18.66
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.96*	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	71.68	22.18
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-24.98*	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	166.63	27.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-31.43*	

23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 26 00-0001)*

23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	143.85	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	169.96	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	203.06	96.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.79*	
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	246.65	110.35
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-121.73*	
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	296.30	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	421.38	154.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.02*	
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	539.76	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	1,236.08	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	

23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	144.15	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	170.05	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	203.35	96.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.86*	
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	253.72	115.05
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.01*	
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	296.19	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	421.38	154.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.02*	
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	938.06	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,236.08	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	

23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 26 00-0011)*

23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	292.98	104.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.05*	
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	362.18	125.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-140.98*	
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	412.39	145.24
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-163.31*	
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	522.21	172.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.58*	
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	620.91	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	780.80	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	1,242.70	279.54
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-314.36*	
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	1,658.55	339.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-382.16*	

23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 26 00-0011)*

23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	385.66	104.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.05*	
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	494.58	125.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-140.80*	
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	580.86	145.24
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-163.29*	
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	665.66	172.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.58*	
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	739.36	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	968.13	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	1,478.98	279.54
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-314.36*	
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	1,916.12	339.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-382.16*	

23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 26 00-0011)*

23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	220.06	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	284.81	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	312.65	96.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.86*	
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	362.91	115.05
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.01*	
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	405.21	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	538.11	154.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.02*	
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	686.89	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	936.78	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	

23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 26 00-0011)*

23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	178.65	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	205.71	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	233.63	96.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.86*	
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	285.50	115.05
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.01*	
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	329.47	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	329.42	154.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.02*	
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	419.39	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	650.82	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0066		**Fiberglass Reinforced Plastic Nipples** *(23 11 26 00-0011)*		
23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	33.07	8.32
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-9.36*	
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	66.10	16.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-18.68*	
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	109.16	12.77
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.37*	
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	126.70	17.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.52*	
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	117.72	12.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-13.92*	
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	142.25	18.56
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.88*	
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	176.34	20.79
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.97*	
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	210.40	22.27
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-25.08*	
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	113.12	25.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-29.24*	
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	154.49	37.13
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-41.73*	
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	187.67	26.45
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-29.72*	
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	281.67	39.54
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-44.50*	
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	218.66	27.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-30.65*	
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	286.83	40.84
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-45.97*	
23 11 26 00-0081		**Fiberglass Reinforced Plastic Sleeve Couplings** *(23 11 26 00-0011)*		
23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	122.97	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	147.89	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	171.08	96.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.86*	
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	205.19	115.05
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.01*	
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	231.38	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	299.14	154.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.02*	
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	381.64	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	467.00	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	
23 11 26 00-0090		**Fiberglass Reinforced Plastic Flanges** *(23 11 26 00-0011)*		
23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	125.33	69.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-78.04*	
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	151.02	83.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.65*	
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	174.36	92.72
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-104.23*	
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	209.87	110.35
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-121.82*	
23 11 26 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	245.11	123.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.22*	
23 11 26 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	302.96	148.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-166.58*	
23 11 26 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	402.99	186.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-209.57*	
23 11 26 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	552.43	231.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-259.87*	
23 11 26 00-0099		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** *(23 11 26)*		
23 11 26 00-0100		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** *(23 11 26 00-0099)*		
23 11 26 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	104.04	29.90
23 11 26 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	123.99	35.42
23 11 26 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	159.85	52.25
23 11 26 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	223.30	67.74
23 11 26 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	314.45	79.81
23 11 26 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	426.13	94.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	544.17	119.44
23 11 26 00-0108		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** *(23 11 26 00-0099)*		
23 11 26 00-0109		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,811.58	370.02
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,090.33	444.14
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,605.85	516.14
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	4,485.19	660.16
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	7,218.10	825.36
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	9,710.75	992.97
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	12,948.81	1,229.64
23 11 26 00-0117		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,814.32	370.02
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,085.53	444.14
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,602.09	516.14
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	4,463.04	660.16
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	7,186.03	825.36
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	9,667.35	993.44
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	12,893.44	1,232.43
23 11 26 00-0125		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** *(23 11 26 00-0108)*		
23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,532.15	555.04
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,166.05	668.93
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,578.29	774.60
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	5,730.11	993.90
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	7,240.38	1,232.43
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	12,458.27	1,489.13
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	16,973.84	1,805.53
23 11 26 00-0133		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** *(23 11 26 00-0108)*		
23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,682.85	555.04
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,811.77	668.16
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,670.37	774.60
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	7,200.91	993.90
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	9,566.38	1,232.43
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	15,392.12	1,489.13
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	20,171.90	1,805.53
23 11 26 00-0141		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers** *(23 11 26 00-0108)*		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,995.21	370.02
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,651.88	444.14
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,853.63	516.14
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,716.37	660.16
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	5,038.07	825.36
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	6,547.96	992.97
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	9,172.94	1,229.64

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters *(23 11 26 00-0108)*		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,480.95	370.02
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,669.77	444.14
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,872.46	516.14
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,775.93	660.16
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,446.88	825.36
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,226.57	992.97
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	5,622.37	1,229.64
23 11 26 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 26 00-0108)*		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	322.30	44.42
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	644.26	88.63
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,219.73	68.12
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,388.86	92.53
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,330.19	65.99
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,569.07	99.03
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,375.59	118.99
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,128.46	138.66
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,524.19	197.96
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,049.54	140.89
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,077.06	211.05
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,425.48	145.34
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,127.39	218.01
23 11 26 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 26 00-0108)*		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,180.56	494.31
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,728.47	660.16
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,188.57	790.19
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	3,022.97	992.97
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	4,400.66	1,229.64
23 12		**Facility Fuel Pumps** *(23 10)*		
23 12 13		**Facility Fuel-Oil Pumps** *(23 12)*		
23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)* Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,474.40	280.78
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,543.02	339.84
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,686.43	403.75
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,576.82	280.78
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,658.83	339.84
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,740.67	403.75
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,103.22	157.33
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,297.49	176.22
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,418.37	197.52
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,547.02	222.69
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,179.19	247.87
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,666.52	277.39
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	2,954.86	310.80
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,604.34	347.59
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,249.67	389.71
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	4,758.05	437.16
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,334.62	490.01

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001 Natural Gas Booster Pump *(23 12 23)*

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size		1,112.42	145.24
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size		1,321.49	162.17
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size		1,484.21	169.44
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size		1,687.34	176.70
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size		1,912.64	181.54

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		13,849.60	672.95
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		14,961.35	672.95
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		21,615.53	841.14
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		29,618.75	1,642.94
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		47,144.39	2,112.24
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		52,522.73	2,425.97
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		56,717.12	3,207.64
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		58,654.39	3,443.95
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		71,581.72	4,068.60
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		82,901.02	4,692.83
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		106,021.33	5,160.66
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		125,690.79	6,265.87
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		129,835.82	6,649.71
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		159,386.48	10,547.83
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		195,902.56	13,677.94
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		230,802.98	15,650.06
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		296,737.91	16,823.81
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars		401,822.68	17,255.24

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		3,480.97	672.95
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		4,371.88	841.14
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		5,683.42	1,040.73
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		6,466.11	1,267.65
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		7,243.96	1,486.75
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		8,831.50	1,956.26
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		10,613.04	2,973.52
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		12,054.44	3,756.01
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		14,420.27	4,225.52
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		16,271.60	5,008.02
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		20,885.96	5,947.02
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		25,710.25	7,433.77
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		32,515.26	9,937.79
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		48,260.23	12,363.55
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		59,072.97	14,867.56
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		84,433.84	21,518.83
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps		119,766.32	27,387.60

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		6,640.00	672.95
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		8,745.39	841.14
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		10,486.58	1,017.25
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		13,657.58	1,486.86
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		15,378.74	1,956.26
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		17,810.54	2,973.52
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		19,893.30	3,756.01
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		24,397.00	4,225.52
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		26,248.34	5,008.02
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		31,753.47	5,947.02
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		43,570.39	7,433.77
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps		54,072.14	9,937.79

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	83,480.34	14,867.56
23 13 13 23-0034		Underground Storage Tank Pump Enclosures *(23 13 13 23)*		
23 13 13 23-0035	EA	Secondary Containment Collar	2,514.71	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	2,514.71	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	502.94	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,005.88	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,257.35	
23 13 23		**Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)*		
23 13 23 13		**Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 13-0001		Rectangle Double Wall Steel Fuel Day Tank *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,158.26	126.14
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,244.19	132.45
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,350.82	141.90
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,553.45	151.37
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,733.68	157.68
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,043.38	189.21
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,754.24	220.74
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,489.10	252.28
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,481.10	283.81
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,994.81	315.35
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,713.66	378.42
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,398.21	441.49
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,103.34	504.56
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,886.20	536.10
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,674.20	567.63
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,570.21	599.16
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,353.07	630.70
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,523.32	756.84
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,429.02	819.91
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,635.27	946.05
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,846.67	1,072.19
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,408.55	126.14
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,496.19	132.45
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,602.82	141.90
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,803.74	151.37
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,983.97	157.68
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,295.39	189.21
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,030.25	220.74
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,765.11	252.28
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,757.11	283.81
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,270.82	315.35
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,989.66	378.42
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,674.21	441.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,379.35	504.56
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,162.21	536.10
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,950.21	567.63
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,847.93	599.16
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,630.79	630.70
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,799.32	756.84
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,705.02	819.91
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,911.27	946.05
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,122.68	1,072.19
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,356.57	126.14
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,433.93	132.45
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,502.84	141.90
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,772.33	151.37
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,873.70	157.68
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,173.12	189.21
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,820.55	220.74
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,826.27	252.28
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,427.40	283.81
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,103.43	315.35
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,024.56	378.42
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,575.40	441.49
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,328.53	504.56
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,075.39	536.10
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,062.25	567.63
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,469.68	599.16
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,834.24	630.70
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,530.79	756.84
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,185.64	819.91
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,985.05	946.05
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,813.61	1,072.19
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,488.02	126.14
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,565.38	132.45
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,634.29	141.90
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,903.78	151.37
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,005.15	157.68
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,304.57	189.21
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,952.00	220.74
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,957.72	252.28
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,634.29	283.81
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,840.58	315.35
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,761.72	378.42
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,314.27	441.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,065.69	504.56
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,814.26	536.10
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,799.41	567.63
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,206.83	599.16
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,571.40	630.70
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,267.95	756.84
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,924.52	819.91
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,722.21	946.05
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,550.76	1,072.19
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,120.60	126.14
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,206.53	132.45
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,277.16	141.90
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,555.22	151.37
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,704.59	157.68
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,976.59	189.21
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,649.73	220.74
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,703.45	252.28
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,326.87	283.81
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,068.04	315.35
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,037.17	378.42
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,534.86	441.49
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,390.86	504.56
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,295.43	536.10
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,205.15	567.63
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,662.29	599.16
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,001.14	630.70
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,774.83	756.84
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,510.26	819.91
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,390.24	946.05
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,295.94	1,072.19
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,252.06	126.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,337.99	132.45
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,408.61	141.90
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,686.67	151.37
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,836.04	157.68
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,104.61	189.21
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,781.18	220.74
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,834.90	252.28
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,458.32	283.81
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,805.19	315.35
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,774.33	378.42
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,443.45	441.49
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,128.01	504.56
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,032.59	536.10
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,942.31	567.63
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,399.45	599.16
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,740.02	630.70
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,511.99	756.84
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,247.42	819.91
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,127.40	946.05
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,033.10	1,072.19
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,147.08	126.14
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,243.57	132.45
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,349.86	141.90
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,544.40	151.37
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,059.53	157.68
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,112.09	189.21
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,657.97	220.74
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,292.09	252.28
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,331.27	283.81
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,447.39	315.35
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,539.14	378.42
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,022.15	441.49
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,507.44	504.56
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,245.66	536.10
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	8,986.14	567.63
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,629.34	599.16
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,279.29	630.70
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,625.49	756.84
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	12,907.31	819.91
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,330.46	946.05
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,703.83	1,072.19
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,209.63	132.45
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,316.17	141.90
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,427.48	151.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,626.69	157.68
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,211.91	189.21
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,264.47	220.74
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,837.75	252.28
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,504.18	283.81
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,598.18	315.35
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,773.39	346.89
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,919.93	409.95
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,423.95	473.02
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,930.36	536.10
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,706.67	567.63
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,485.37	599.16
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,161.38	630.70
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,897.07	693.77
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,306.39	819.91
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,758.70	946.05
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,249.24	1,072.19
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,687.22	1,198.32
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,325.85	126.14
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,444.97	132.45
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,564.83	141.90
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,804.63	151.37
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,417.07	157.68
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,469.63	189.21
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,096.97	220.74
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,837.45	252.28
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,061.57	283.81
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,434.02	315.35
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,727.16	378.42
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,280.33	441.49
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,838.03	504.56
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,718.81	536.10
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,601.85	567.63
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,351.39	599.16
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,119.03	630.70
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,702.84	756.84
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,224.52	819.91
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	16,885.27	946.05
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,496.25	1,072.19
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,398.33	132.45
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,528.75	141.90
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,654.40	151.37
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,901.38	157.68
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,589.32	189.21
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,641.88	220.74
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,301.14	252.28
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,079.84	283.81
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,369.05	315.35
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,814.82	346.89
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,173.96	409.95
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,752.03	473.02
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,334.87	536.10
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,261.66	567.63
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,190.85	599.16
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,979.10	630.70
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,839.02	693.77
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,499.14	819.91
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,204.64	946.05
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,945.99	1,072.19
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,634.77	1,198.32

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,262.86	685.57
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,125.06	829.89
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,907.30	1,136.80
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,927.15	1,420.99
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,753.49	1,922.76
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	16,162.97	1,979.31
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	23,473.93	2,447.14
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	32,203.92	2,803.97
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	38,366.79	3,058.86
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	44,526.34	3,364.76
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	49,291.71	3,738.59
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	61,577.61	4,806.76
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	84,062.92	5,607.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0015		**Double Wall Aboveground Storage Tanks** *(23 13 23 16)* Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.		
23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,748.45	855.44
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,109.63	1,035.19
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,923.31	1,420.99
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	14,144.83	1,776.24
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	16,868.54	2,403.43
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	25,893.66	2,474.07
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	37,843.85	3,047.80
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	52,267.00	3,504.98
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	62,436.24	3,823.62
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	72,569.71	4,205.90
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	80,328.25	4,673.32
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	100,269.17	6,008.48
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	137,448.12	7,009.87
23 13 23 19		**Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 19-0001		Secondary Containment For Above Ground Tanks *(23 13 23 19)*		
23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	5,399.54	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	6,523.36	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	14,278.19	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	15,621.61	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	22,213.85	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	24,887.78	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	32,862.18	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	38,558.90	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	43,816.29	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	53,349.43	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	68,308.04	
23 13 23 26		**Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 26-0001		Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)* Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.		
23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	29,877.21	1,455.35
		For Low Profile Tanks, Add	*11,138.60*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	37,667.24	1,642.94
		For Low Profile Tanks, Add	*14,149.90*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	67,024.04	1,956.26
		For Low Profile Tanks, Add	*25,717.75*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	105,948.06	4,302.83
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	121,092.48	4,699.40
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	136,319.62	5,075.00
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	151,525.82	5,507.05
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	166,725.25	5,861.99
23 13 33		**Facility Fuel-Oil, Storage Tank Accessories** *(23 13)*		
23 13 33 00-0001		EPA Requirements *(23 13 33)*		
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	928.70	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,367.74	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	4,041.84	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	2,792.49	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	128.28	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	352.12	
23 13 33 00-0008	EA	Manhole Spill Containment	1,319.45	245.34
23 13 33 00-0009	EA	Fill Adapter, 4"	294.74	163.59
23 13 33 00-0010	EA	Fill Cap, 4"	199.09	61.33
23 13 33 00-0011	EA	2" Vent Cap	120.58	40.93
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	389.81	61.33
23 13 33 00-0013	EA	Float Vent Valve	380.40	122.67
23 13 33 00-0014	EA	Vapor Hose Adapter	378.78	81.74
23 13 33 00-0015	EA	Dust Cap	165.64	44.65
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	442.01	70.07
23 13 33 00-0017	EA	10' Wood Gage Stick	41.11	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	136.32	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	183.45	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	89.68	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	124.46	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	201.92	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	810.66	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,743.28	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,065.25	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,249.30	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,464.24	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	3,547.20	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	4,388.57	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	4,857.50	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	5,980.19	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	7,085.82	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	7,931.55	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	9,165.16	
23 13 33 00-0035		Tank Bulkhead Fittings *(23 13 33)*		
23 13 33 00-0036		Tank Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0037		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	40.08	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	44.77	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	49.19	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	59.04	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	61.14	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	79.39	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	123.72	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	213.47	
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	46.18	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	50.85	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	55.51	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	68.86	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	73.54	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	90.62	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	138.70	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	234.76	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	47.57	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	54.84	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	61.84	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	79.62	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	103.25	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	159.06	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	247.41	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	55.31	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	65.13	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	79.85	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	96.94	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	99.04	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	140.46	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	248.91	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	441.64	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	49.21	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	62.93	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	65.04	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	67.14	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	92.49	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	116.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0079		**TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection** *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	201.61	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	230.45	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	282.95	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	326.04	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	375.56	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	472.60	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	613.54	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	677.76	
23 13 33 00-0088		**Self-Aligning Bulkhead Fittings** *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	207.22	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	207.75	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	302.33	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	308.82	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	415.54	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	17.48	3.87
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.16*	
		For Work In Restricted Working Space, Add	*4.00*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.93	4.16
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.59*	
		For Work In Restricted Working Space, Add	*4.18*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.72	4.55
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.11*	
		For Work In Restricted Working Space, Add	*4.41*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.53	4.74
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.29*	
		For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.85	5.62
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.73*	
		For Work In Restricted Working Space, Add	*4.82*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.63	6.77
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.13*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	44.00	8.03
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*12.24*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	55.69	10.74
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*15.64*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	77.24	12.34
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*23.05*	
		For Work In Restricted Working Space, Add	*8.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	123.39	15.77
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*38.75*	
		For Work In Restricted Working Space, Add	*10.62*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	146.58	18.66
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*46.35*	
		For Work In Restricted Working Space, Add	*12.04*	
23 21 13 23-0014		**Threaded Black Steel Pipe And Fittings** *(23 21 13 23-0001)* Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015		**Threaded And Coupled, Black Steel Piping** *(23 21 13 23-0014)* Note: ASTM A-53. Includes coupling.		
23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.24	2.42
		For Schedule 80 Pipe, Add	*1.10*	
		For Work In Restricted Working Space, Add	*1.47*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.12	3.87
		For Schedule 80 Pipe, Add	*1.60*	
		For Work In Restricted Working Space, Add	*1.76*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.16	4.16
		For Schedule 80 Pipe, Add	*1.94*	
		For Work In Restricted Working Space, Add	*1.87*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.65	4.55
		For Schedule 80 Pipe, Add	*2.43*	
		For Work In Restricted Working Space, Add	*2.03*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.38	4.74
		For Schedule 80 Pipe, Add	*3.06*	
		For Work In Restricted Working Space, Add	*2.15*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.65	5.62
		For Schedule 80 Pipe, Add	*3.65*	
		For Work In Restricted Working Space, Add	*2.53*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	18.34	6.77
		For Schedule 80 Pipe, Add	*4.69*	
		For Work In Restricted Working Space, Add	*3.05*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	24.99	8.03
		For Schedule 80 Pipe, Add	*7.01*	
		For Work In Restricted Working Space, Add	*3.63*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	33.01	10.74
		For Schedule 80 Pipe, Add	*9.21*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	43.79	12.34
		For Schedule 80 Pipe, Add	*13.21*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	57.15	15.77
		For Schedule 80 Pipe, Add	*17.45*	
		For Work In Restricted Working Space, Add	*7.09*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	72.16	18.66
		For Schedule 80 Pipe, Add	*22.69*	
		For Work In Restricted Working Space, Add	*8.38*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	99.33	22.55
		For Schedule 80 Pipe, Add	*32.89*	
		For Work In Restricted Working Space, Add	*10.13*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	134.08	27.47
		For Schedule 80 Pipe, Add	*45.90*	
		For Work In Restricted Working Space, Add	*12.38*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	178.95	36.11
		For Schedule 80 Pipe, Add	*61.58*	
		For Work In Restricted Working Space, Add	*16.24*	
23 21 13 23-0031		**Black Malleable Iron 90 Degree Elbows** *(23 21 13 23-0014)*		
23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	26.80	14.33
		For 300 LB Rating, Add	*14.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	29.48	17.22
		For 300 LB Rating, Add	*10.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	33.31	19.26
		For 300 LB Rating, Add	*12.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	39.94	21.48
		For 300 LB Rating, Add	*20.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	49.20	24.39
		For 300 LB Rating, Add	*32.65*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*10.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	57.86	27.48
		For 300 LB Rating, Add	*42.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	81.08	34.93
		For 300 LB Rating, Add	*72.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.46*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	141.53	51.68
		For 300 LB Rating, Add	*158.53*	
		For Standard Weight Cast Iron Fittings, Add	*1.03*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	195.68	67.93
		For 300 LB Rating, Add	*231.28*	
		For Standard Weight Cast Iron Fittings, Add	*1.50*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	309.80	72.20
		For 300 LB Rating, Add	*490.14*	
		For Standard Weight Cast Iron Fittings, Add	*3.22*	
		For Work In Restricted Working Space, Add	*32.48*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	701.85	75.36
		For 300 LB Rating, Add	*1,420.07*	
		For Standard Weight Cast Iron Fittings, Add	*9.42*	
		For Work In Restricted Working Space, Add	*33.89*	
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	798.35	78.79
		For 300 LB Rating, Add	*1,639.64*	
		For Standard Weight Cast Iron Fittings, Add	*10.88*	
		For Work In Restricted Working Space, Add	*35.44*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	30.64	15.78
		For 300 LB Rating, Add	*18.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	34.54	18.19
		For 300 LB Rating, Add	*18.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.20*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	35.25	16.84
		For 300 LB Rating, Add	*25.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*7.56*	
23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.82	20.41
		For 300 LB Rating, Add	*24.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*9.17*	
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.01	19.36
		For 300 LB Rating, Add	*25.69*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*8.71*	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	46.51	17.90
		For 300 LB Rating, Add	*48.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
		For Work In Restricted Working Space, Add	*8.06*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	49.91	22.93
		For 300 LB Rating, Add	*39.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*10.31*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	50.03	21.78
		For 300 LB Rating, Add	*43.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.28*	
		For Work In Restricted Working Space, Add	*9.81*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	51.41	20.81
		For 300 LB Rating, Add	*50.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*9.35*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	60.76	25.93
		For 300 LB Rating, Add	*54.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*11.65*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	58.64	24.48
		For 300 LB Rating, Add	*54.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*11.02*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	60.11	23.32
		For 300 LB Rating, Add	*62.29*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
		For Work In Restricted Working Space, Add	*10.51*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	78.50	31.16
		For 300 LB Rating, Add	*79.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
		For Work In Restricted Working Space, Add	*14.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	80.50	29.61
		For 300 LB Rating, Add	*89.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.58*	
		For Work In Restricted Working Space, Add	*13.32*	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	78.37	28.16
		For 300 LB Rating, Add	*89.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.58*	
		For Work In Restricted Working Space, Add	*12.68*	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	78.85	27.10
		For 300 LB Rating, Add	*94.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.61*	
		For Work In Restricted Working Space, Add	*12.18*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	152.01	43.25
		For 300 LB Rating, Add	*213.05*	
		For Standard Weight Cast Iron Fittings, Add	*1.39*	
		For Work In Restricted Working Space, Add	*19.46*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	151.58	39.58
		For 300 LB Rating, Add	*225.03*	
		For Standard Weight Cast Iron Fittings, Add	*1.48*	
		For Work In Restricted Working Space, Add	*17.79*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	252.73	59.80
		For 300 LB Rating, Add	*396.82*	
		For Standard Weight Cast Iron Fittings, Add	*2.61*	
		For Work In Restricted Working Space, Add	*26.89*	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	217.97	51.38
		For 300 LB Rating, Add	*342.76*	
		For Standard Weight Cast Iron Fittings, Add	*2.25*	
		For Work In Restricted Working Space, Add	*23.12*	
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	381.73	68.68
		For 300 LB Rating, Add	*675.16*	
		For Standard Weight Cast Iron Fittings, Add	*4.46*	
		For Work In Restricted Working Space, Add	*30.90*	
23 21 13 23-0066		**Black Malleable Iron 45 Degree Elbows** *(23 21 13 23-0014)*		
23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	29.48	14.33
		For 300 LB Rating, Add	*20.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	31.88	17.22
		For 300 LB Rating, Add	*16.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	36.38	19.26
		For 300 LB Rating, Add	*19.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	41.69	21.48
		For 300 LB Rating, Add	*24.59*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	53.21	24.39
		For 300 LB Rating, Add	*42.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	61.84	27.48
		For 300 LB Rating, Add	*52.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.33*	
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	83.55	34.93
		For 300 LB Rating, Add	*78.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.50*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	167.82	51.68
		For 300 LB Rating, Add	*221.63*	
		For Standard Weight Cast Iron Fittings, Add	*1.45*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow	219.29	67.93
		For 300 LB Rating, Add	*287.94*	
		For Standard Weight Cast Iron Fittings, Add	*1.88*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	338.56	72.20
		For 300 LB Rating, Add	*559.17*	
		For Standard Weight Cast Iron Fittings, Add	*3.68*	
		For Work In Restricted Working Space, Add	*32.48*	
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	1,022.60	75.36
		For 300 LB Rating, Add	*2,189.87*	
		For Standard Weight Cast Iron Fittings, Add	*14.55*	
		For Work In Restricted Working Space, Add	*33.89*	
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	1,048.76	78.79
		For 300 LB Rating, Add	*2,240.62*	
		For Standard Weight Cast Iron Fittings, Add	*14.89*	
		For Work In Restricted Working Space, Add	*35.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0079		**Black Malleable Iron Tees** *(23 21 13 23-0014)*		
23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee	34.57	17.70
		For 300 LB Rating, Add	*20.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.06*	
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	37.16	21.48
		For 300 LB Rating, Add	*13.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	44.26	24.87
		For 300 LB Rating, Add	*19.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*11.17*	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	56.05	29.32
		For 300 LB Rating, Add	*31.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*13.19*	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	71.84	34.93
		For 300 LB Rating, Add	*50.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	86.72	41.61
		For 300 LB Rating, Add	*62.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.39*	
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	118.82	51.68
		For 300 LB Rating, Add	*104.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.66*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	191.14	67.93
		For 300 LB Rating, Add	*220.38*	
		For Standard Weight Cast Iron Fittings, Add	*1.43*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	252.47	80.70
		For 300 LB Rating, Add	*322.88*	
		For Standard Weight Cast Iron Fittings, Add	*2.10*	
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	454.62	91.24
		For 300 LB Rating, Add	*771.05*	
		For Standard Weight Cast Iron Fittings, Add	*5.09*	
		For Work In Restricted Working Space, Add	*41.03*	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	1,125.63	108.31
		For 300 LB Rating, Add	*2,321.45*	
		For Standard Weight Cast Iron Fittings, Add	*15.41*	
		For Work In Restricted Working Space, Add	*48.73*	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	1,219.31	123.81
		For 300 LB Rating, Add	*2,491.99*	
		For Standard Weight Cast Iron Fittings, Add	*16.54*	
		For Work In Restricted Working Space, Add	*55.69*	
23 21 13 23-0092		**Black Malleable Iron Reducing Tees** *(23 21 13 23-0014)*		
23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	40.60	21.48
		For 300 LB Rating, Add	*21.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	48.12	24.87
		For 300 LB Rating, Add	*28.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*11.17*	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	57.72	29.32
		For 300 LB Rating, Add	*35.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*13.19*	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	79.32	34.93
		For 300 LB Rating, Add	*67.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.43*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	92.36	41.61
		For 300 LB Rating, Add	*75.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	120.87	51.68
		For 300 LB Rating, Add	*108.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.70*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	237.29	67.93
		For 300 LB Rating, Add	*331.14*	
		For Standard Weight Cast Iron Fittings, Add	*2.17*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	276.08	80.70
		For 300 LB Rating, Add	*379.55*	
		For Standard Weight Cast Iron Fittings, Add	*2.48*	
		For Work In Restricted Working Space, Add	*36.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	512.96	91.24
		For 300 LB Rating, Add	*911.06*	
		For Standard Weight Cast Iron Fittings, Add	*6.02*	
		For Work In Restricted Working Space, Add	*41.03*	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	1,034.99	108.31
		For 300 LB Rating, Add	*2,103.91*	
		For Standard Weight Cast Iron Fittings, Add	*13.96*	
		For Work In Restricted Working Space, Add	*48.73*	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee	1,175.31	123.81
		For 300 LB Rating, Add	*2,386.39*	
		For Standard Weight Cast Iron Fittings, Add	*15.84*	
		For Work In Restricted Working Space, Add	*55.69*	
23 21 13 23-0104		**Black Malleable Iron Couplings** *(23 21 13 23-0014)*		
23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling	28.09	14.33
		For 300 LB Rating, Add	*17.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling	30.89	17.22
		For 300 LB Rating, Add	*13.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling	34.82	19.26
		For 300 LB Rating, Add	*15.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling	41.15	21.48
		For 300 LB Rating, Add	*23.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	48.04	24.39
		For 300 LB Rating, Add	*29.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	56.74	27.48
		For 300 LB Rating, Add	*39.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling	75.39	34.93
		For 300 LB Rating, Add	*58.55*	
		For Standard Weight Cast Iron Fittings, Add	*0.37*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	141.11	51.68
		For 300 LB Rating, Add	*157.52*	
		For Standard Weight Cast Iron Fittings, Add	*1.02*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling	187.99	67.93
		For 300 LB Rating, Add	*212.82*	
		For Standard Weight Cast Iron Fittings, Add	*1.38*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling	281.74	72.20
		For 300 LB Rating, Add	*422.80*	
		For Standard Weight Cast Iron Fittings, Add	*2.78*	
		For Work In Restricted Working Space, Add	*32.48*	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling	601.40	75.36
		For 300 LB Rating, Add	*1,178.99*	
		For Standard Weight Cast Iron Fittings, Add	*7.81*	
		For Work In Restricted Working Space, Add	*33.89*	
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling	674.55	78.79
		For 300 LB Rating, Add	*1,342.52*	
		For Standard Weight Cast Iron Fittings, Add	*8.90*	
		For Work In Restricted Working Space, Add	*35.44*	
23 21 13 23-0117		**Black Malleable Iron Reducing Couplings** *(23 21 13 23-0014)*		
23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	32.11	17.22
		For 300 LB Rating, Add	*16.67*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	35.55	19.26
		For 300 LB Rating, Add	*17.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	42.64	21.48
		For 300 LB Rating, Add	*26.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	49.87	24.39
		For 300 LB Rating, Add	*34.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*10.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	58.05	27.48
		For 300 LB Rating, Add	*42.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	76.76	34.93
		For 300 LB Rating, Add	*61.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.39*	
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	149.71	51.68
		For 300 LB Rating, Add	*178.16*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	189.75	67.93
		For 300 LB Rating, Add	*217.05*	
		For Standard Weight Cast Iron Fittings, Add	*1.41*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	284.45	72.20
		For 300 LB Rating, Add	*429.30*	
		For Standard Weight Cast Iron Fittings, Add	*2.82*	
		For Work In Restricted Working Space, Add	*32.48*	
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	508.94	75.36
		For 300 LB Rating, Add	*957.08*	
		For Standard Weight Cast Iron Fittings, Add	*6.34*	
		For Work In Restricted Working Space, Add	*33.89*	
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	626.70	78.79
		For 300 LB Rating, Add	*1,227.68*	
		For Standard Weight Cast Iron Fittings, Add	*8.14*	
		For Work In Restricted Working Space, Add	*35.44*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap	15.32	7.64
		For 300 LB Rating, Add	*9.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.48*	
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap	18.01	8.61
		For 300 LB Rating, Add	*12.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*3.90*	
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap	20.60	9.58
		For 300 LB Rating, Add	*15.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*4.36*	
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap	24.44	10.84
		For 300 LB Rating, Add	*20.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*4.93*	
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap	29.54	12.19
		For 300 LB Rating, Add	*27.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap	39.60	15.58
		For 300 LB Rating, Add	*39.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap	71.70	23.03
		For 300 LB Rating, Add	*90.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.59*	
		For Work In Restricted Working Space, Add	*10.45*	
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap	100.21	30.28
		For 300 LB Rating, Add	*133.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.87*	
		For Work In Restricted Working Space, Add	*13.75*	
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap	141.96	32.20
		For 300 LB Rating, Add	*226.70*	
		For Standard Weight Cast Iron Fittings, Add	*1.49*	
		For Work In Restricted Working Space, Add	*14.62*	
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap	273.07	33.59
		For 300 LB Rating, Add	*536.40*	
		For Standard Weight Cast Iron Fittings, Add	*3.56*	
		For Work In Restricted Working Space, Add	*15.25*	
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap	460.52	35.08
		For 300 LB Rating, Add	*980.88*	
		For Standard Weight Cast Iron Fittings, Add	*6.52*	
		For Work In Restricted Working Space, Add	*15.95*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union	39.30	14.33
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union	48.36	21.48
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union	55.74	24.87
		For Work In Restricted Working Space, Add	*11.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union	68.13	29.32
		For Work In Restricted Working Space, Add	*13.19*	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union	86.93	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union	105.60	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union	127.62	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union	263.84	76.15
		For Work In Restricted Working Space, Add	*34.28*	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union	330.42	100.15
		For Work In Restricted Working Space, Add	*45.11*	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union	45.08	14.33
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union	59.24	21.48
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union	63.77	24.87
		For Work In Restricted Working Space, Add	*11.17*	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union	76.55	29.32
		For Work In Restricted Working Space, Add	*13.19*	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union	106.96	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union	125.36	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union	158.15	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union	367.34	76.15
		For Work In Restricted Working Space, Add	*34.28*	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union	446.53	100.15
		For Work In Restricted Working Space, Add	*45.11*	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union	684.81	106.54
		For Work In Restricted Working Space, Add	*47.95*	
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union	59.68	14.33
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union	63.14	21.48
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union	71.42	24.87
		For Work In Restricted Working Space, Add	*11.17*	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union	88.63	29.32
		For Work In Restricted Working Space, Add	*13.19*	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union	125.14	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union	138.71	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union	171.89	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union	418.90	76.15
		For Work In Restricted Working Space, Add	*34.28*	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union	544.44	100.15
		For Work In Restricted Working Space, Add	*45.11*	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union	1,410.61	106.54
		For Work In Restricted Working Space, Add	*47.95*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	15.96	9.19
		For Schedule 80 Nipples, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	15.63	9.19
		For Schedule 80 Nipples, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	15.89	9.19
		For Schedule 80 Nipples, Add	*1.04*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	17.90	9.97
		For Schedule 80 Nipples, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	19.94	10.74
		For Schedule 80 Nipples, Add	*1.91*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	20.88	10.74
		For Schedule 80 Nipples, Add	*2.38*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	27.28	13.84
		For Schedule 80 Nipples, Add	*3.24*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	46.06	17.22
		For Schedule 80 Nipples, Add	*10.13*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	55.27	20.81
		For Schedule 80 Nipples, Add	*12.03*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	73.36	24.78
		For Schedule 80 Nipples, Add	*18.12*	
		For Work In Restricted Working Space, Add	*11.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	16.25	9.19
		For Schedule 80 Nipples, Add	*1.22*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	15.63	9.19
		For Schedule 80 Nipples, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	16.05	9.19
		For Schedule 80 Nipples, Add	*1.12*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	16.25	9.19
		For Schedule 80 Nipples, Add	*1.22*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	15.63	9.19
		For Schedule 80 Nipples, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	16.05	9.19
		For Schedule 80 Nipples, Add	*1.12*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	18.19	9.97
		For Schedule 80 Nipples, Add	*1.65*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	20.46	10.74
		For Schedule 80 Nipples, Add	*2.17*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	21.26	10.74
		For Schedule 80 Nipples, Add	*2.57*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	16.94	9.19
		For Schedule 80 Nipples, Add	*1.56*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	15.96	9.19
		For Schedule 80 Nipples, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	16.34	9.19
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	18.39	9.97
		For Schedule 80 Nipples, Add	*1.75*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.72	10.74
		For Schedule 80 Nipples, Add	*2.30*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	21.86	10.74
		For Schedule 80 Nipples, Add	*2.87*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	28.24	13.84
		For Schedule 80 Nipples, Add	*3.72*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	16.94	9.19
		For Schedule 80 Nipples, Add	*1.56*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	15.96	9.19
		For Schedule 80 Nipples, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	16.34	9.19
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	18.39	9.97
		For Schedule 80 Nipples, Add	*1.75*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	20.72	10.74
		For Schedule 80 Nipples, Add	*2.30*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	21.86	10.74
		For Schedule 80 Nipples, Add	*2.87*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	28.24	13.84
		For Schedule 80 Nipples, Add	*3.72*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	46.59	17.22
		For Schedule 80 Nipples, Add	*10.39*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	57.37	20.81
		For Schedule 80 Nipples, Add	*13.08*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	17.50	9.19
		For Schedule 80 Nipples, Add	*1.84*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	16.38	9.19
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	16.94	9.19
		For Schedule 80 Nipples, Add	*1.56*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.22	9.97
		For Schedule 80 Nipples, Add	*2.17*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.57	10.74
		For Schedule 80 Nipples, Add	*2.72*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	22.55	10.74
		For Schedule 80 Nipples, Add	*3.21*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	29.80	13.84
		For Schedule 80 Nipples, Add	*4.50*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	50.25	17.22
		For Schedule 80 Nipples, Add	*12.22*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	62.18	20.81
		For Schedule 80 Nipples, Add	*15.49*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	17.50	9.19
		For Schedule 80 Nipples, Add	*1.84*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	16.38	9.19
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	16.94	9.19
		For Schedule 80 Nipples, Add	*1.56*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	19.22	9.97
		For Schedule 80 Nipples, Add	*2.17*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	21.57	10.74
		For Schedule 80 Nipples, Add	*2.72*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	22.55	10.74
		For Schedule 80 Nipples, Add	*3.21*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	29.80	13.84
		For Schedule 80 Nipples, Add	*4.50*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	50.25	17.22
		For Schedule 80 Nipples, Add	*12.22*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	62.18	20.81
		For Schedule 80 Nipples, Add	*15.49*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	79.05	24.78
		For Schedule 80 Nipples, Add	*20.96*	
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	19.13	9.19
		For Schedule 80 Nipples, Add	*2.66*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	16.83	9.19
		For Schedule 80 Nipples, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	17.74	9.19
		For Schedule 80 Nipples, Add	*1.96*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	20.02	9.97
		For Schedule 80 Nipples, Add	*2.57*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	22.64	10.74
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	23.98	10.74
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	31.16	13.84
		For Schedule 80 Nipples, Add	*5.18*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	52.66	17.22
		For Schedule 80 Nipples, Add	*13.43*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	65.37	20.81
		For Schedule 80 Nipples, Add	*17.08*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	85.03	24.78
		For Schedule 80 Nipples, Add	*23.95*	
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	19.13	9.19
		For Schedule 80 Nipples, Add	*2.66*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	16.83	9.19
		For Schedule 80 Nipples, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	17.74	9.19
		For Schedule 80 Nipples, Add	*1.96*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	20.02	9.97
		For Schedule 80 Nipples, Add	*2.57*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	22.64	10.74
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	23.98	10.74
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	31.16	13.84
		For Schedule 80 Nipples, Add	*5.18*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	52.66	17.22
		For Schedule 80 Nipples, Add	*13.43*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	65.37	20.81
		For Schedule 80 Nipples, Add	*17.08*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	85.03	24.78
		For Schedule 80 Nipples, Add	*23.95*	
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	19.73	9.19
		For Schedule 80 Nipples, Add	*2.96*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	17.19	9.19
		For Schedule 80 Nipples, Add	*1.69*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	18.28	9.19
		For Schedule 80 Nipples, Add	*2.23*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	20.96	9.97
		For Schedule 80 Nipples, Add	*3.04*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	23.85	10.74
		For Schedule 80 Nipples, Add	*3.86*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	25.14	10.74
		For Schedule 80 Nipples, Add	*4.51*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	32.94	13.84
		For Schedule 80 Nipples, Add	*6.07*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	53.79	17.22
		For Schedule 80 Nipples, Add	*13.99*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	68.34	20.81
		For Schedule 80 Nipples, Add	*18.57*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	88.33	24.78
		For Schedule 80 Nipples, Add	*25.60*	
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	24.19	9.19
		For Schedule 80 Nipples, Add	*5.19*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	19.89	9.19
		For Schedule 80 Nipples, Add	*3.04*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	21.25	9.19
		For Schedule 80 Nipples, Add	*3.72*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	24.81	9.97
		For Schedule 80 Nipples, Add	*4.96*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	28.59	10.74
		For Schedule 80 Nipples, Add	*6.23*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	30.42	10.74
		For Schedule 80 Nipples, Add	*7.15*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	41.15	13.84
		For Schedule 80 Nipples, Add	*10.17*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	61.42	17.22
		For Schedule 80 Nipples, Add	*17.81*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	81.29	20.81
		For Schedule 80 Nipples, Add	*25.04*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	96.22	24.78
		For Schedule 80 Nipples, Add	*29.55*	
		For Work In Restricted Working Space, Add	*11.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	25.46	9.19
		For Schedule 80 Nipples, Add	*5.82*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	21.11	9.19
		For Schedule 80 Nipples, Add	*3.65*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	22.45	9.19
		For Schedule 80 Nipples, Add	*4.32*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	26.49	9.97
		For Schedule 80 Nipples, Add	*5.80*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	31.07	10.74
		For Schedule 80 Nipples, Add	*7.47*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	32.85	10.74
		For Schedule 80 Nipples, Add	*8.36*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	44.71	13.84
		For Schedule 80 Nipples, Add	*11.95*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	65.81	17.22
		For Schedule 80 Nipples, Add	*20.00*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	87.47	20.81
		For Schedule 80 Nipples, Add	*28.13*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	104.43	24.78
		For Schedule 80 Nipples, Add	*33.65*	
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	27.07	9.19
		For Schedule 80 Nipples, Add	*6.63*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	22.47	9.19
		For Schedule 80 Nipples, Add	*4.33*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	23.41	9.19
		For Schedule 80 Nipples, Add	*4.80*	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	28.20	9.97
		For Schedule 80 Nipples, Add	*6.66*	
		For Work In Restricted Working Space, Add	*4.47*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	33.08	10.74
		For Schedule 80 Nipples, Add	*8.48*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	35.40	10.74
		For Schedule 80 Nipples, Add	*9.64*	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	48.33	13.84
		For Schedule 80 Nipples, Add	*13.76*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	70.32	17.22
		For Schedule 80 Nipples, Add	*22.26*	
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	93.65	20.81
		For Schedule 80 Nipples, Add	*31.22*	
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	116.02	24.78
		For Schedule 80 Nipples, Add	*39.45*	
		For Work In Restricted Working Space, Add	*11.14*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	29.29	15.78
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing	33.54	16.94
		For Work In Restricted Working Space, Add	*7.62*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing	35.47	18.19
		For Work In Restricted Working Space, Add	*8.20*	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing	38.31	18.10
		For Work In Restricted Working Space, Add	*8.13*	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing	37.41	19.36
		For Work In Restricted Working Space, Add	*8.71*	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing	38.95	20.41
		For Work In Restricted Working Space, Add	*9.17*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing	41.81	19.45
		For Work In Restricted Working Space, Add	*8.77*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing	43.17	20.81
		For Work In Restricted Working Space, Add	*9.35*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing	43.50	21.78
		For Work In Restricted Working Space, Add	*9.81*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing	45.19	22.93
		For Work In Restricted Working Space, Add	*10.31*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	48.14	21.09
		For Work In Restricted Working Space, Add	*9.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing	47.17	22.35
		For Work In Restricted Working Space, Add	*10.05*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	48.71	23.32
		For Work In Restricted Working Space, Add	*10.51*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing	48.73	24.48
		For Work In Restricted Working Space, Add	*11.02*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	52.56	25.93
		For Work In Restricted Working Space, Add	*11.65*	
23 21 13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing	60.55	24.77
		For Work In Restricted Working Space, Add	*11.14*	
23 21 13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing	59.71	26.03
		For Work In Restricted Working Space, Add	*11.72*	
23 21 13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing	58.06	27.10
		For Work In Restricted Working Space, Add	*12.18*	
23 21 13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing	58.65	28.16
		For Work In Restricted Working Space, Add	*12.68*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	60.78	29.61
		For Work In Restricted Working Space, Add	*13.32*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	64.96	31.16
		For Work In Restricted Working Space, Add	*14.02*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	82.90	35.42
		For Work In Restricted Working Space, Add	*15.95*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing	84.58	36.58
		For Work In Restricted Working Space, Add	*16.45*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	86.72	37.94
		For Work In Restricted Working Space, Add	*17.09*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	87.01	39.58
		For Work In Restricted Working Space, Add	*17.79*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing	92.35	43.25
		For Work In Restricted Working Space, Add	*19.46*	
23 21 13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing	106.52	43.54
		For Work In Restricted Working Space, Add	*19.61*	
23 21 13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing	108.20	44.70
		For Work In Restricted Working Space, Add	*20.12*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing	110.33	46.15
		For Work In Restricted Working Space, Add	*20.76*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing	111.86	47.70
		For Work In Restricted Working Space, Add	*21.46*	
23 21 13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing	114.78	51.38
		For Work In Restricted Working Space, Add	*23.12*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing	127.89	59.80
		For Work In Restricted Working Space, Add	*26.89*	
23 21 13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing	146.91	45.29
		For Work In Restricted Working Space, Add	*20.40*	
23 21 13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing	148.52	46.40
		For Work In Restricted Working Space, Add	*20.88*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing	150.56	47.79
		For Work In Restricted Working Space, Add	*21.50*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing	152.80	49.29
		For Work In Restricted Working Space, Add	*22.17*	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing	153.90	52.81
		For Work In Restricted Working Space, Add	*23.77*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing	165.93	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing	177.66	68.68
		For Work In Restricted Working Space, Add	*30.90*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug	12.91	5.71
		For Work In Restricted Working Space, Add	*2.58*	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	14.92	6.87
		For Work In Restricted Working Space, Add	*3.10*	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	16.15	7.74
		For Work In Restricted Working Space, Add	*3.47*	
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug	18.67	8.61
		For Work In Restricted Working Space, Add	*3.87*	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	21.88	9.77
		For Work In Restricted Working Space, Add	*4.38*	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	26.62	10.94
		For Work In Restricted Working Space, Add	*4.94*	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug	35.35	13.93
		For Work In Restricted Working Space, Add	*6.28*	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	57.23	20.61
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug	76.81	27.19
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug	118.96	28.86
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug	207.68	30.16
		For Work In Restricted Working Space, Add	*13.56*	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug	248.50	31.46
		For Work In Restricted Working Space, Add	*14.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0339		125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.		
23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange	140.42	38.70
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange	117.98	43.73
		For Work In Restricted Working Space, Add	*19.68*	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange	130.57	45.29
		For Work In Restricted Working Space, Add	*20.37*	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange	131.78	49.26
		For Work In Restricted Working Space, Add	*22.16*	
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange	134.89	51.38
		For Work In Restricted Working Space, Add	*23.13*	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange	156.78	59.51
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange	200.26	75.48
		For Work In Restricted Working Space, Add	*33.95*	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange	265.87	99.03
		For Work In Restricted Working Space, Add	*44.55*	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange	342.59	117.96
		For Work In Restricted Working Space, Add	*53.03*	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange	390.62	135.41
		For Work In Restricted Working Space, Add	*60.91*	
23 21 13 23-0350		150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.		
23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange	71.24	35.31
		For Work In Restricted Working Space, Add	*15.91*	
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange	77.69	38.70
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange	91.10	43.73
		For Work In Restricted Working Space, Add	*19.68*	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange	95.17	45.29
		For Work In Restricted Working Space, Add	*20.37*	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange	103.62	49.26
		For Work In Restricted Working Space, Add	*22.16*	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange	115.89	51.38
		For Work In Restricted Working Space, Add	*23.13*	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange	150.01	59.51
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange	190.05	75.48
		For Work In Restricted Working Space, Add	*33.95*	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange	279.08	99.03
		For Work In Restricted Working Space, Add	*44.54*	
23 21 13 23-0360		Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*		
		Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	31.52	
		For Work In Restricted Working Space, Add	*9.46*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	34.67	
		For Work In Restricted Working Space, Add	*10.40*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	37.83	
		For Work In Restricted Working Space, Add	*11.35*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	40.98	
		For Work In Restricted Working Space, Add	*12.29*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	43.07	
		For Work In Restricted Working Space, Add	*12.92*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	45.18	
		For Work In Restricted Working Space, Add	*13.55*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	47.29	
		For Work In Restricted Working Space, Add	*14.19*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	49.38	
		For Work In Restricted Working Space, Add	*14.81*	
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	51.48	
		For Work In Restricted Working Space, Add	*15.44*	
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	55.68	
		For Work In Restricted Working Space, Add	*16.70*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	59.89	
		For Work In Restricted Working Space, Add	*17.97*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	65.14	
		For Work In Restricted Working Space, Add	*19.54*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	69.34	
		For Work In Restricted Working Space, Add	*20.80*	
23 21 13 23-0374		Welded Black Steel Pipe *(23 21 13 23)*		
23 21 13 23-0375		Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*		
		Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.85	7.37
		For Work In Restricted Working Space, Add	*5.38*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	26.58	7.86
		For Work In Restricted Working Space, Add	*6.03*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	31.97	8.35
		For Work In Restricted Working Space, Add	*6.92*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	34.32	8.35
		For Work In Restricted Working Space, Add	*7.24*	
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	39.27	8.35
		For Work In Restricted Working Space, Add	*8.37*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	45.52	8.35
		For Work In Restricted Working Space, Add	*9.71*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	53.29	8.15
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	71.33	10.27
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	97.55	15.31
		For Work In Restricted Working Space, Add	*14.68*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	148.41	19.03
		For Work In Restricted Working Space, Add	*21.78*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	199.32	23.79
		For Work In Restricted Working Space, Add	*25.98*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	251.75	28.73
		For Work In Restricted Working Space, Add	*30.02*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	279.10	37.48
		For Work In Restricted Working Space, Add	*33.49*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	325.04	47.57
		For Work In Restricted Working Space, Add	*37.42*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	415.55	58.89
		For Work In Restricted Working Space, Add	*41.06*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	533.64	72.78
		For Work In Restricted Working Space, Add	*47.00*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	660.41	82.49
		For Work In Restricted Working Space, Add	*51.68*	
23 21 13 23-0393		Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)* Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21 13 23-0394		Welded Plain End Black Steel Piping *(23 21 13 23-0393)* Note: ASTM A-53		
23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	10.21	3.93
		For Schedule 80 Pipe, Add	*1.65*	
		For Schedule A-106 Pipe, Add	*0.28*	
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	12.94	4.91
		For Schedule 80 Pipe, Add	*2.10*	
		For Schedule A-106 Pipe, Add	*0.37*	
		For Work In Restricted Working Space, Add	*2.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	16.37	5.89
		For Schedule 80 Pipe, Add	*2.68*	
		For Schedule A-106 Pipe, Add	*0.55*	
		For Work In Restricted Working Space, Add	*3.54*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	19.83	6.87
		For Schedule 80 Pipe, Add	*3.28*	
		For Schedule A-106 Pipe, Add	*0.73*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	23.57	8.15
		For Schedule 80 Pipe, Add	*3.90*	
		For Schedule A-106 Pipe, Add	*0.87*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	26.94	9.23
		For Schedule 80 Pipe, Add	*6.20*	
		For Schedule A-106 Pipe, Add	*1.02*	
		For Work In Restricted Working Space, Add	*5.54*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	33.31	9.91
		For Schedule 80 Pipe, Add	*8.19*	
		For Schedule A-106 Pipe, Add	*1.62*	
		For Work In Restricted Working Space, Add	*5.95*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	46.13	12.28
		For Schedule 80 Pipe, Add	*11.85*	
		For Schedule A-106 Pipe, Add	*2.59*	
		For Work In Restricted Working Space, Add	*7.37*	
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	66.61	19.89
		For Schedule 80 Pipe, Add	*17.99*	
		For Schedule A-106 Pipe, Add	*4.34*	
		For Work In Restricted Working Space, Add	*9.13*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	95.45	20.45
		For Schedule 80 Pipe, Add	*26.25*	
		For Schedule A-106 Pipe, Add	*6.54*	
		For Schedule 30 Pipe, Deduct	*-15.00*	
		For Work In Restricted Working Space, Add	*12.27*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	126.48	24.64
		For Schedule 80 Pipe, Add	*35.64*	
		For Schedule A-106 Pipe, Add	*9.26*	
		For Schedule 30 Pipe, Deduct	*-20.37*	
		For Work In Restricted Working Space, Add	*14.78*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	161.64	29.78
		For Schedule 80 Pipe, Add	*46.15*	
		For Schedule A-106 Pipe, Add	*12.25*	
		For Schedule 30 Pipe, Deduct	*-26.37*	
		For Work In Restricted Working Space, Add	*17.87*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	155.88	31.40
		For Schedule 80 Pipe, Add	*43.57*	
		For Schedule A-106 Pipe, Add	*11.17*	
		For Schedule 30 Pipe, Deduct	*-24.90*	
		For Schedule 20 Pipe, Deduct	*-45.14*	
		For Work In Restricted Working Space, Add	*18.84*	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	171.60	33.78
		For Schedule 80 Pipe, Add	*48.24*	
		For Schedule A-106 Pipe, Add	*12.49*	
		For Schedule 30 Pipe, Deduct	*-27.57*	
		For Schedule 20 Pipe, Deduct	*-49.93*	
		For Work In Restricted Working Space, Add	*20.27*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	217.27	36.53
		For Schedule 80 Pipe, Add	*63.26*	
		For Schedule A-106 Pipe, Add	*17.31*	
		For Schedule 30 Pipe, Deduct	*-36.15*	
		For Schedule 20 Pipe, Deduct	*-65.09*	
		For Work In Restricted Working Space, Add	*21.92*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	256.86	43.77
		For Schedule 80 Pipe, Add	*74.58*	
		For Schedule A-106 Pipe, Add	*20.32*	
		For Work In Restricted Working Space, Add	*26.26*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	319.40	50.32
		For Schedule 80 Pipe, Add	*94.17*	
		For Schedule A-106 Pipe, Add	*26.25*	
		For Work In Restricted Working Space, Add	*30.20*	

23 21 13 23-0412 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	113.60	60.32
		For Schedule 80 Or Extra Heavy Fittings, Add	*24.59*	
		For Work In Restricted Working Space, Add	*27.11*	
23 21 13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	118.34	63.46
		For Schedule 80 Or Extra Heavy Fittings, Add	*25.51*	
		For Work In Restricted Working Space, Add	*28.54*	
23 21 13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	131.66	72.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.11*	
		For Work In Restricted Working Space, Add	*32.53*	
23 21 13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	140.22	78.02
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.78*	
		For Work In Restricted Working Space, Add	*35.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	175.42	101.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.65*	
		For Work In Restricted Working Space, Add	*45.66*	
23 21 13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	221.20	126.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.38*	
		For Work In Restricted Working Space, Add	*57.07*	
23 21 13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	235.98	132.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.90*	
		For Work In Restricted Working Space, Add	*59.69*	
23 21 13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	405.10	229.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.42*	
		For Work In Restricted Working Space, Add	*103.17*	
23 21 13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	718.07	378.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*155.82*	
		For Work In Restricted Working Space, Add	*170.28*	
23 21 13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,052.26	515.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*234.51*	
		For Work In Restricted Working Space, Add	*231.90*	
23 21 13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,396.18	589.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*326.09*	
		For Work In Restricted Working Space, Add	*265.03*	
23 21 13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,899.38	771.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*448.45*	
		For Work In Restricted Working Space, Add	*346.76*	
23 21 13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,372.64	911.33
		For Schedule 80 Or Extra Heavy Fittings, Add	*568.33*	
		For Work In Restricted Working Space, Add	*409.90*	
23 21 13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,972.91	1,064.22
		For Schedule 80 Or Extra Heavy Fittings, Add	*724.35*	
		For Work In Restricted Working Space, Add	*478.64*	
23 21 13 23-0427	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,551.88	1,186.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*878.76*	
		For Work In Restricted Working Space, Add	*533.72*	
23 21 13 23-0428	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,600.51	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,170.70*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0429	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,466.68	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,423.57*	
		For Work In Restricted Working Space, Add	*618.40*	

23 21 13 23-0430 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0431	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	596.27	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.71*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0432	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,053.54	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*257.15*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0433	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,137.97	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*282.47*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0434	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,811.75	515.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*462.36*	
		For Work In Restricted Working Space, Add	*231.90*	
23 21 13 23-0435	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,013.06	515.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*522.75*	
		For Work In Restricted Working Space, Add	*231.90*	
23 21 13 23-0436	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,543.80	589.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*670.38*	
		For Work In Restricted Working Space, Add	*265.03*	
23 21 13 23-0437	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,543.80	589.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*670.38*	
		For Work In Restricted Working Space, Add	*265.03*	
23 21 13 23-0438	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,260.61	785.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,154.50*	
		For Work In Restricted Working Space, Add	*353.37*	
23 21 13 23-0439	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,260.61	785.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,154.50*	
		For Work In Restricted Working Space, Add	*353.37*	
23 21 13 23-0440	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,808.19	785.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,318.78*	
		For Work In Restricted Working Space, Add	*353.37*	

23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0442	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	101.90	55.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*21.81*	
		For Work In Restricted Working Space, Add	*25.04*	
23 21 13 23-0443	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	104.84	57.64
		For Schedule 80 Or Extra Heavy Fittings, Add	*22.38*	
		For Work In Restricted Working Space, Add	*25.92*	
23 21 13 23-0444	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	117.61	66.18
		For Schedule 80 Or Extra Heavy Fittings, Add	*24.87*	
		For Work In Restricted Working Space, Add	*29.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0445	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	125.46	71.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.40*	
		For Work In Restricted Working Space, Add	*32.11*	
23 21 13 23-0446	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	156.89	92.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.53*	
		For Work In Restricted Working Space, Add	*41.54*	
23 21 13 23-0447	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	195.26	115.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.33*	
		For Work In Restricted Working Space, Add	*52.14*	
23 21 13 23-0448	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	225.97	132.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.90*	
		For Work In Restricted Working Space, Add	*59.68*	
23 21 13 23-0449	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	388.50	229.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*80.45*	
		For Work In Restricted Working Space, Add	*103.15*	
23 21 13 23-0450	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	676.80	378.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*143.51*	
		For Work In Restricted Working Space, Add	*170.08*	
23 21 13 23-0451	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	976.90	515.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*211.91*	
		For Work In Restricted Working Space, Add	*231.90*	
23 21 13 23-0452	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,257.82	589.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*284.59*	
		For Work In Restricted Working Space, Add	*265.03*	
23 21 13 23-0453	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,696.59	769.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*387.84*	
		For Work In Restricted Working Space, Add	*346.12*	
23 21 13 23-0454	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,102.90	912.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*487.22*	
		For Work In Restricted Working Space, Add	*410.44*	
23 21 13 23-0455	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,599.55	1,063.08
		For Schedule 80 Or Extra Heavy Fittings, Add	*612.51*	
		For Work In Restricted Working Space, Add	*478.14*	
23 21 13 23-0456	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,071.43	1,185.23
		For Schedule 80 Or Extra Heavy Fittings, Add	*734.84*	
		For Work In Restricted Working Space, Add	*533.10*	
23 21 13 23-0457	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,897.36	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*959.75*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0458	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,547.74	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,147.88*	
		For Work In Restricted Working Space, Add	*618.40*	

23 21 13 23-0459 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0460	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	212.78	104.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.34*	
		For Work In Restricted Working Space, Add	*47.13*	
23 21 13 23-0461	EA	1" Standard Weight, Welded Plain End Black Steel Tee	212.73	104.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.33*	
		For Work In Restricted Working Space, Add	*47.12*	
23 21 13 23-0462	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	241.82	116.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.20*	
		For Work In Restricted Working Space, Add	*52.42*	
23 21 13 23-0463	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	263.49	130.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.43*	
		For Work In Restricted Working Space, Add	*58.92*	
23 21 13 23-0464	EA	2" Standard Weight, Welded Plain End Black Steel Tee	321.53	174.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*68.93*	
		For Work In Restricted Working Space, Add	*78.65*	
23 21 13 23-0465	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	368.32	196.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*79.56*	
		For Work In Restricted Working Space, Add	*88.38*	
23 21 13 23-0466	EA	3" Standard Weight, Welded Plain End Black Steel Tee	439.04	238.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*94.18*	
		For Work In Restricted Working Space, Add	*107.23*	
23 21 13 23-0467	EA	4" Standard Weight, Welded Plain End Black Steel Tee	630.36	344.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*134.84*	
		For Work In Restricted Working Space, Add	*155.04*	
23 21 13 23-0468	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,060.53	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*228.50*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0469	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,560.57	785.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*344.49*	
		For Work In Restricted Working Space, Add	*353.37*	
23 21 13 23-0470	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,015.84	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*460.46*	
		For Work In Restricted Working Space, Add	*412.27*	
23 21 13 23-0471	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,742.70	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*637.29*	
		For Work In Restricted Working Space, Add	*530.06*	
23 21 13 23-0472	EA	14" Standard Weight, Welded Plain End Black Steel Tee	3,630.27	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*872.64*	
		For Work In Restricted Working Space, Add	*618.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0473	EA	16" Standard Weight, Welded Plain End Black Steel Tee	4,370.37	1,649.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,051.38*	
		For Work In Restricted Working Space, Add	*742.08*	
23 21 13 23-0474	EA	18" Standard Weight, Welded Plain End Black Steel Tee	5,846.75	1,833.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,465.44*	
		For Work In Restricted Working Space, Add	*824.53*	
23 21 13 23-0475	EA	20" Standard Weight, Welded Plain End Black Steel Tee	7,875.38	2,062.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,037.96*	
		For Work In Restricted Working Space, Add	*927.59*	
23 21 13 23-0476	EA	24" Standard Weight, Welded Plain End Black Steel Tee	9,164.28	2,221.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,399.65*	
		For Work In Restricted Working Space, Add	*998.95*	

23 21 13 23-0477 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0478	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	207.87	101.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.38*	
		For Work In Restricted Working Space, Add	*45.66*	
23 21 13 23-0479	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	212.73	104.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.33*	
		For Work In Restricted Working Space, Add	*47.12*	
23 21 13 23-0480	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	238.26	116.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.13*	
		For Work In Restricted Working Space, Add	*52.42*	
23 21 13 23-0481	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	259.93	130.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*57.36*	
		For Work In Restricted Working Space, Add	*58.92*	
23 21 13 23-0482	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	329.52	174.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*71.32*	
		For Work In Restricted Working Space, Add	*78.68*	
23 21 13 23-0483	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	368.44	196.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*79.59*	
		For Work In Restricted Working Space, Add	*88.41*	
23 21 13 23-0484	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	439.42	238.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*94.30*	
		For Work In Restricted Working Space, Add	*107.23*	
23 21 13 23-0485	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	630.88	344.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*135.00*	
		For Work In Restricted Working Space, Add	*155.04*	
23 21 13 23-0486	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,061.43	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*228.77*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0487	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,562.30	785.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*345.01*	
		For Work In Restricted Working Space, Add	*353.37*	
23 21 13 23-0488	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,018.77	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*461.34*	
		For Work In Restricted Working Space, Add	*412.27*	
23 21 13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,747.13	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*638.62*	
		For Work In Restricted Working Space, Add	*530.06*	
23 21 13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,637.41	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*874.78*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,379.00	1,649.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,053.97*	
		For Work In Restricted Working Space, Add	*742.08*	
23 21 13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	5,860.87	1,833.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,469.67*	
		For Work In Restricted Working Space, Add	*824.53*	
23 21 13 23-0493	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee	8,012.48	2,062.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,079.09*	
		For Work In Restricted Working Space, Add	*927.59*	
23 21 13 23-0494	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee	9,776.73	2,221.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,583.39*	
		For Work In Restricted Working Space, Add	*998.95*	

23 21 13 23-0495 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0496	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	194.09	63.86
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.18*	
		For Work In Restricted Working Space, Add	*28.72*	
23 21 13 23-0497	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	203.41	70.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.99*	
		For Work In Restricted Working Space, Add	*31.51*	
23 21 13 23-0498	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	200.97	68.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.52*	
		For Work In Restricted Working Space, Add	*30.78*	
23 21 13 23-0499	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	214.71	77.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.20*	
		For Work In Restricted Working Space, Add	*34.90*	
23 21 13 23-0500	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	207.83	73.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.86*	
		For Work In Restricted Working Space, Add	*32.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0501	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	205.39	71.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.38*	
		For Work In Restricted Working Space, Add	*32.11*	
23 21 13 23-0502	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	198.53	92.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.97*	
		For Work In Restricted Working Space, Add	*41.68*	
23 21 13 23-0503	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	231.03	89.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.19*	
		For Work In Restricted Working Space, Add	*40.35*	
23 21 13 23-0504	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	224.15	85.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.84*	
		For Work In Restricted Working Space, Add	*38.29*	
23 21 13 23-0505	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	245.85	117.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.20*	
		For Work In Restricted Working Space, Add	*53.02*	
23 21 13 23-0506	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	239.58	105.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.23*	
		For Work In Restricted Working Space, Add	*47.57*	
23 21 13 23-0507	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	300.72	102.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*74.03*	
		For Work In Restricted Working Space, Add	*46.24*	
23 21 13 23-0508	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	274.05	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*61.39*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0509	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	279.40	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*62.99*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0510	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	290.73	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*66.39*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0511	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	443.45	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*96.86*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0512	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	448.81	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*98.47*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0513	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	464.91	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*103.30*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0514	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	764.89	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*170.55*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0515	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	880.48	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*205.23*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0516	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,113.66	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*244.44*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0517	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,328.75	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*308.97*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0518	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,322.16	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*293.55*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0519	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,580.76	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*371.13*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0520	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,920.99	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*473.19*	
		For Concentric Reducers, Deduct	*-300.50*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0521	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,706.55	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*388.52*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0522	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,008.65	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*479.15*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0523	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,519.30	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*632.35*	
		For Concentric Reducers, Deduct	*-429.96*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0524	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,697.99	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*385.95*	
		For Concentric Reducers, Deduct	*-167.15*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0525	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,306.12	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*547.54*	
		For Work In Restricted Working Space, Add	*412.26*	
23 21 13 23-0526	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,465.21	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*595.27*	
		For Work In Restricted Working Space, Add	*412.26*	
23 21 13 23-0527	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,051.29	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,071.09*	
		For Work In Restricted Working Space, Add	*412.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0528	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,971.25	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*729.05*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0529	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,439.60	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*869.55*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0530	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,621.92	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*924.25*	
		For Concentric Reducers, Deduct	*-664.30*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0531	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,675.81	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,540.41*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0532	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	6,697.85	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,847.03*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0533	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,334.34	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,114.78*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0534	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,227.23	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*482.65*	
		For Concentric Reducers, Deduct	*-147.32*	
		For Work In Restricted Working Space, Add	*530.06*	
23 21 13 23-0535	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,580.44	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,188.61*	
		For Concentric Reducers, Deduct	*-900.35*	
		For Work In Restricted Working Space, Add	*530.06*	
23 21 13 23-0536	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,943.30	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,297.47*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0537	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	8,010.99	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,217.78*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0538	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,219.56	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,356.41*	
		For Concentric Reducers, Deduct	*-1,031.91*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0539	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,211.22	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,353.91*	
		For Concentric Reducers, Deduct	*-1,029.24*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0540	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	9,269.55	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,571.41*	
		For Concentric Reducers, Deduct	*-2,327.91*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0541	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	10,897.38	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,059.76*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0542	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	13,339.22	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,792.31*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0543	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,289.46	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,670.40*	
		For Concentric Reducers, Deduct	*-1,353.00*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0544	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,781.44	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,817.99*	
		For Concentric Reducers, Deduct	*-1,510.44*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0545	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	9,067.29	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,503.75*	
		For Concentric Reducers, Deduct	*-2,241.91*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0546	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	13,321.05	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,779.88*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0547	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	16,510.59	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*4,736.74*	
		For Work In Restricted Working Space, Add	*618.40*	

23 21 13 23-0548 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0549	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	168.34	63.86
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.45*	
		For Work In Restricted Working Space, Add	*28.72*	
23 21 13 23-0550	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	177.66	70.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.27*	
		For Work In Restricted Working Space, Add	*31.51*	
23 21 13 23-0551	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	175.22	68.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.79*	
		For Work In Restricted Working Space, Add	*30.78*	
23 21 13 23-0552	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	188.96	77.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.47*	
		For Work In Restricted Working Space, Add	*34.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0553	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	182.08	73.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.13*	
		For Work In Restricted Working Space, Add	*32.84*	
23 21 13 23-0554	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	179.64	71.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.65*	
		For Work In Restricted Working Space, Add	*32.11*	
23 21 13 23-0555	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	185.40	92.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.03*	
		For Work In Restricted Working Space, Add	*41.68*	
23 21 13 23-0556	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	180.98	89.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.17*	
		For Work In Restricted Working Space, Add	*40.35*	
23 21 13 23-0557	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	191.98	85.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.19*	
		For Work In Restricted Working Space, Add	*38.29*	
23 21 13 23-0558	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	236.32	117.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.34*	
		For Work In Restricted Working Space, Add	*53.02*	
23 21 13 23-0559	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	234.23	105.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.62*	
		For Work In Restricted Working Space, Add	*47.57*	
23 21 13 23-0560	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	255.43	102.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.44*	
		For Work In Restricted Working Space, Add	*46.24*	
23 21 13 23-0561	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	246.64	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.16*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0562	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	250.21	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.23*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0563	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	257.97	132.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*56.56*	
		For Work In Restricted Working Space, Add	*59.51*	
23 21 13 23-0564	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	406.51	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.78*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0565	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	420.22	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*89.89*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0566	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	420.22	229.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*89.89*	
		For Work In Restricted Working Space, Add	*103.36*	
23 21 13 23-0567	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	691.03	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*148.39*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0568	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	718.42	374.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*156.61*	
		For Work In Restricted Working Space, Add	*168.33*	
23 21 13 23-0569	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,024.28	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*217.63*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0570	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,073.14	569.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*232.29*	
		For Work In Restricted Working Space, Add	*256.16*	
23 21 13 23-0571	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,312.63	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*290.69*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0572	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,292.37	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*284.61*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0573	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,547.40	654.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*361.12*	
		For Work In Restricted Working Space, Add	*294.58*	
23 21 13 23-0574	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,584.41	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*351.88*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0575	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,645.64	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*370.25*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0576	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,667.82	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*376.90*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0577	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,317.89	784.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*571.92*	
		For Work In Restricted Working Space, Add	*352.70*	
23 21 13 23-0578	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,989.12	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*452.44*	
		For Work In Restricted Working Space, Add	*412.26*	
23 21 13 23-0579	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,216.14	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*520.55*	
		For Work In Restricted Working Space, Add	*412.26*	
23 21 13 23-0580	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,413.36	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*579.72*	
		For Work In Restricted Working Space, Add	*412.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0581	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,175.60	916.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*808.39*	
		For Work In Restricted Working Space, Add	*412.26*	
23 21 13 23-0582	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,622.08	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*624.30*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0583	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,622.08	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*624.30*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0584	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,735.30	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*658.26*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0585	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,111.27	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*771.05*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0586	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,668.37	1,031.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,238.18*	
		For Work In Restricted Working Space, Add	*463.80*	
23 21 13 23-0587	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,942.45	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*697.22*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0588	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,232.63	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*784.27*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0589	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,354.18	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*820.74*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0590	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,684.86	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*919.94*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0591	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	7,485.06	1,178.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,060.00*	
		For Work In Restricted Working Space, Add	*530.05*	
23 21 13 23-0592	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,012.36	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*994.25*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0593	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,012.36	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*994.25*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0594	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,095.19	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,019.10*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0595	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,585.58	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,166.22*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0596	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,438.82	1,330.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,422.19*	
		For Work In Restricted Working Space, Add	*598.45*	
23 21 13 23-0597	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,343.44	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,086.59*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0598	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,395.26	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,102.14*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0599	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,496.55	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,132.53*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0600	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	6,841.81	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,836.10*	
		For Work In Restricted Working Space, Add	*618.40*	
23 21 13 23-0601	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	7,304.79	1,374.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,975.00*	
		For Work In Restricted Working Space, Add	*618.40*	

23 21 13 23-0602 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0603	EA	1" Standard Weight, Welded Plain End Black Steel Cap	60.90	32.80
		For Schedule 80 Fittings, Add	*12.13*	
		For Work In Restricted Working Space, Add	*14.73*	
23 21 13 23-0604	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	66.54	36.04
		For Schedule 80 Fittings, Add	*13.21*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0605	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	69.24	37.31
		For Schedule 80 Fittings, Add	*13.78*	
		For Work In Restricted Working Space, Add	*16.79*	
23 21 13 23-0606	EA	2" Standard Weight, Welded Plain End Black Steel Cap	84.96	47.82
		For Schedule 80 Fittings, Add	*16.53*	
		For Work In Restricted Working Space, Add	*21.51*	
23 21 13 23-0607	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	99.68	57.64
		For Schedule 80 Fittings, Add	*19.10*	
		For Work In Restricted Working Space, Add	*25.92*	
23 21 13 23-0608	EA	3" Standard Weight, Welded Plain End Black Steel Cap	118.86	66.48
		For Schedule 80 Fittings, Add	*23.20*	
		For Work In Restricted Working Space, Add	*29.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0609	EA	4" Standard Weight, Welded Plain End Black Steel Cap	197.78	114.89
		For Schedule 80 Fittings, Add	*37.80*	
		For Work In Restricted Working Space, Add	*51.68*	
23 21 13 23-0610	EA	6" Standard Weight, Welded Plain End Black Steel Cap	333.07	189.81
		For Schedule 80 Fittings, Add	*64.34*	
		For Work In Restricted Working Space, Add	*85.39*	
23 21 13 23-0611	EA	8" Standard Weight, Welded Plain End Black Steel Cap	471.62	266.11
		For Schedule 80 Fittings, Add	*91.62*	
		For Work In Restricted Working Space, Add	*119.67*	
23 21 13 23-0612	EA	10" Standard Weight, Welded Plain End Black Steel Cap	631.12	335.92
		For Schedule 80 Fittings, Add	*126.39*	
		For Work In Restricted Working Space, Add	*151.07*	
23 21 13 23-0613	EA	12" Standard Weight, Welded Plain End Black Steel Cap	734.75	383.69
		For Schedule 80 Fittings, Add	*148.52*	
		For Work In Restricted Working Space, Add	*172.58*	
23 21 13 23-0614	EA	14" Standard Weight, Welded Plain End Black Steel Cap	986.92	458.28
		For Schedule 80 Fittings, Add	*210.19*	
		For Work In Restricted Working Space, Add	*206.13*	
23 21 13 23-0615	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,146.20	532.20
		For Schedule 80 Fittings, Add	*244.12*	
		For Work In Restricted Working Space, Add	*239.38*	
23 21 13 23-0616	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,283.98	589.28
		For Schedule 80 Fittings, Add	*274.77*	
		For Work In Restricted Working Space, Add	*265.03*	

23 21 13 23-0617 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

23 21 13 23-0618	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	149.89	74.04
		For 300 LB Rating, Add	*38.88*	
		For Work In Restricted Working Space, Add	*33.30*	
23 21 13 23-0619	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	177.40	92.40
		For 300 LB Rating, Add	*41.77*	
		For Work In Restricted Working Space, Add	*41.55*	
23 21 13 23-0620	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	197.30	105.66
		For 300 LB Rating, Add	*43.88*	
		For Work In Restricted Working Space, Add	*47.51*	
23 21 13 23-0621	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	258.52	139.34
		For 300 LB Rating, Add	*56.66*	
		For Work In Restricted Working Space, Add	*62.68*	
23 21 13 23-0622	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	393.07	211.32
		For 300 LB Rating, Add	*86.68*	
		For Work In Restricted Working Space, Add	*95.03*	
23 21 13 23-0623	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	453.79	223.00
		For 300 LB Rating, Add	*118.76*	
		For Work In Restricted Working Space, Add	*100.28*	
23 21 13 23-0624	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	593.88	279.61
		For 300 LB Rating, Add	*166.26*	
		For Work In Restricted Working Space, Add	*125.78*	
23 21 13 23-0625	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	730.32	317.29
		For 300 LB Rating, Add	*228.19*	
		For Work In Restricted Working Space, Add	*142.71*	
23 21 13 23-0626	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	961.80	383.69
		For 300 LB Rating, Add	*330.99*	
		For Work In Restricted Working Space, Add	*172.58*	
23 21 13 23-0627	EA	16" , 150 LB, Welded Plain End Black Steel Neck Flange	1,272.46	445.91
		For 300 LB Rating, Add	*492.95*	
		For Work In Restricted Working Space, Add	*200.56*	
23 21 13 23-0628	EA	18" , 150 LB, Welded Plain End Black Steel Neck Flange	1,588.00	499.96
		For 300 LB Rating, Add	*665.60*	
		For Work In Restricted Working Space, Add	*224.87*	
23 21 13 23-0629	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	2,013.28	634.57
		For 300 LB Rating, Add	*843.22*	
		For Work In Restricted Working Space, Add	*285.41*	
23 21 13 23-0630	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	2,291.64	687.47
		For 300 LB Rating, Add	*990.91*	
		For Work In Restricted Working Space, Add	*309.20*	

23 21 13 23-0631 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

23 21 13 23-0632	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	106.98	74.04
		For 300 LB Rating, Add	*26.02*	
		For Work In Restricted Working Space, Add	*26.51*	
23 21 13 23-0633	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	131.90	92.40
		For 300 LB Rating, Add	*32.84*	
		For Work In Restricted Working Space, Add	*32.40*	
23 21 13 23-0634	EA	3", 150 LB, Welded Black Steel Slip-On Flange	155.76	105.66
		For 300 LB Rating, Add	*38.70*	
		For Work In Restricted Working Space, Add	*38.30*	
23 21 13 23-0635	EA	4", 150 LB, Welded Black Steel Slip-On Flange	205.29	139.34
		For 300 LB Rating, Add	*52.05*	
		For Work In Restricted Working Space, Add	*50.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0636	EA	6", 150 LB, Welded Black Steel Slip-On Flange	304.52	211.32
		For 300 LB Rating, Add	*78.90*	
		For Work In Restricted Working Space, Add	*73.65*	
23 21 13 23-0637	EA	8", 150 LB, Welded Black Steel Slip-On Flange	394.24	223.00
		For 300 LB Rating, Add	*112.79*	
		For Work In Restricted Working Space, Add	*91.33*	
23 21 13 23-0638	EA	10", 150 LB, Welded Black Steel Slip-On Flange	535.58	279.61
		For 300 LB Rating, Add	*179.48*	
		For Work In Restricted Working Space, Add	*114.17*	
23 21 13 23-0639	EA	12", 150 LB, Welded Black Steel Slip-On Flange	701.26	317.29
		For 300 LB Rating, Add	*268.09*	
		For Work In Restricted Working Space, Add	*137.00*	
23 21 13 23-0640	EA	14", 150 LB, Welded Black Steel Slip-On Flange	890.14	383.69
		For 300 LB Rating, Add	*377.57*	
		For Work In Restricted Working Space, Add	*159.83*	
23 21 13 23-0641	EA	16", 150 LB, Welded Black Steel Slip-On Flange	1,071.03	445.91
		For 300 LB Rating, Add	*494.99*	
		For Work In Restricted Working Space, Add	*176.96*	
23 21 13 23-0642	EA	18", 150 LB, Welded Black Steel Slip-On Flange	1,186.45	499.96
		For 300 LB Rating, Add	*553.49*	
		For Work In Restricted Working Space, Add	*194.08*	
23 21 13 23-0643	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,317.25	634.57
		For 300 LB Rating, Add	*625.83*	
		For Work In Restricted Working Space, Add	*211.21*	
23 21 13 23-0644	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,507.21	687.47
		For 300 LB Rating, Add	*706.03*	
		For Work In Restricted Working Space, Add	*245.46*	
23 21 13 23-0645		**150 LB, Forged Steel Blind Flanges** *(23 21 13 23-0393)*		
23 21 13 23-0646	EA	2", 150 LB, Forged Steel Blind Flange	74.51	26.28
		For 300 LB Rating, Add	*23.08*	
		For 600 LB Rating, Add	*60.56*	
		For Work In Restricted Working Space, Add	*15.77*	
23 21 13 23-0647	EA	2-1/2", 150 LB, Forged Steel Blind Flange	98.66	31.53
		For 300 LB Rating, Add	*35.09*	
		For 600 LB Rating, Add	*94.88*	
		For Work In Restricted Working Space, Add	*18.92*	
23 21 13 23-0648	EA	3", 150 LB, Forged Steel Blind Flange	120.90	42.05
		For 300 LB Rating, Add	*38.28*	
		For 600 LB Rating, Add	*100.96*	
		For Work In Restricted Working Space, Add	*25.23*	
23 21 13 23-0649	EA	4", 150 LB, Forged Steel Blind Flange	155.86	52.56
		For 300 LB Rating, Add	*51.63*	
		For 600 LB Rating, Add	*137.54*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0650	EA	6", 150 LB, Forged Steel Blind Flange	213.53	68.33
		For 300 LB Rating, Add	*75.85*	
		For 600 LB Rating, Add	*205.01*	
		For Work In Restricted Working Space, Add	*41.00*	
23 21 13 23-0651	EA	8", 150 LB, Forged Steel Blind Flange	279.64	78.84
		For 300 LB Rating, Add	*114.12*	
		For 600 LB Rating, Add	*316.36*	
		For Work In Restricted Working Space, Add	*47.30*	
23 21 13 23-0652	EA	10", 150 LB, Forged Steel Blind Flange	427.37	94.60
		For 300 LB Rating, Add	*210.40*	
		For 600 LB Rating, Add	*599.97*	
		For Work In Restricted Working Space, Add	*56.76*	
23 21 13 23-0653	EA	12", 150 LB, Forged Steel Blind Flange	557.82	110.37
		For 300 LB Rating, Add	*292.84*	
		For 600 LB Rating, Add	*842.10*	
		For Work In Restricted Working Space, Add	*66.22*	
23 21 13 23-0654	EA	14", 150 LB, Forged Steel Blind Flange	946.31	126.14
		For 300 LB Rating, Add	*581.71*	
		For Work In Restricted Working Space, Add	*75.68*	
23 21 13 23-0655	EA	16", 150 LB, Forged Steel Blind Flange	1,015.36	141.90
		For 300 LB Rating, Add	*615.04*	
		For Work In Restricted Working Space, Add	*85.14*	
23 21 13 23-0656	EA	18", 150 LB, Forged Steel Blind Flange	1,141.45	173.44
		For 300 LB Rating, Add	*672.07*	
		For Work In Restricted Working Space, Add	*104.07*	
23 21 13 23-0657	EA	20", 150 LB, Forged Steel Blind Flange	1,466.31	189.21
		For 300 LB Rating, Add	*910.05*	
		For Work In Restricted Working Space, Add	*113.53*	
23 21 13 23-0658	EA	24", 150 LB, Forged Steel Blind Flange	1,998.99	220.74
		For 300 LB Rating, Add	*1,292.36*	
		For Work In Restricted Working Space, Add	*132.45*	
23 21 13 23-0659		**3,000 LB, Forge Steel Thread-O-Lets** *(23 21 13 23-0393)*		
23 21 13 23-0660	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	73.78	
		For Weld-O-Lets, Add	*5.96*	
		For Sock-O-Lets, Add	*28.63*	
		For Work In Restricted Working Space, Add	*18.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0661	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	78.81	
		For Weld-O-Lets, Add	*7.00*	
		For Sock-O-Lets, Add	*30.65*	
		For Work In Restricted Working Space, Add	*19.44*	
23 21 13 23-0662	EA	1", 3,000 LB, Forge Steel Thread-O-Let	84.44	
		For Weld-O-Lets, Add	*7.85*	
		For Sock-O-Lets, Add	*32.87*	
		For Work In Restricted Working Space, Add	*20.62*	
23 21 13 23-0663	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let	95.91	
		For Weld-O-Lets, Add	*11.13*	
		For Sock-O-Lets, Add	*37.56*	
		For Work In Restricted Working Space, Add	*22.10*	
23 21 13 23-0664	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let	105.78	
		For Weld-O-Lets, Add	*11.13*	
		For Sock-O-Lets, Add	*41.29*	
		For Work In Restricted Working Space, Add	*25.04*	
23 21 13 23-0665	EA	2", 3,000 LB, Forge Steel Thread-O-Let	136.95	
		For Weld-O-Lets, Add	*13.92*	
		For Sock-O-Lets, Add	*53.43*	
		For Work In Restricted Working Space, Add	*32.73*	
23 21 13 23-0666	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	241.30	
		For Weld-O-Lets, Add	*50.51*	
		For Sock-O-Lets, Add	*96.75*	
		For Work In Restricted Working Space, Add	*42.08*	
23 21 13 23-0667	EA	3", 3,000 LB, Forge Steel Thread-O-Let	298.01	
		For Weld-O-Lets, Add	*50.81*	
		For Sock-O-Lets, Add	*118.32*	
		For Work In Restricted Working Space, Add	*58.92*	
23 21 13 23-0668	EA	4", 3,000 LB, Forge Steel Thread-O-Let	444.41	
		For Weld-O-Lets, Add	*99.46*	
		For Sock-O-Lets, Add	*178.82*	
		For Work In Restricted Working Space, Add	*73.65*	

23 21 13 23-0669 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0670	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	11.13	
		Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*3.12*	
		For Hot Dip Galvanized, Add	*4.45*	
		For Advanced Fluoropolymer (Blue Coating), Add	*7.79*	
23 21 13 23-0671	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.05	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*3.93*	
		For Hot Dip Galvanized, Add	*5.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.84*	
23 21 13 23-0672	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.23	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*3.98*	
		For Hot Dip Galvanized, Add	*5.69*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.96*	
23 21 13 23-0673	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.32	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*4.01*	
		For Hot Dip Galvanized, Add	*5.73*	
		For Advanced Fluoropolymer (Blue Coating), Add	*10.02*	
23 21 13 23-0674	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	31.52	
		Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*8.83*	
		For Hot Dip Galvanized, Add	*12.61*	
		For Advanced Fluoropolymer (Blue Coating), Add	*22.06*	
23 21 13 23-0675	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	44.95	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*12.59*	
		For Hot Dip Galvanized, Add	*17.98*	
		For Advanced Fluoropolymer (Blue Coating), Add	*31.47*	
23 21 13 23-0676	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	48.68	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*13.63*	
		For Hot Dip Galvanized, Add	*19.47*	
		For Advanced Fluoropolymer (Blue Coating), Add	*34.08*	
23 21 13 23-0677	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	53.55	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*14.99*	
		For Hot Dip Galvanized, Add	*21.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*37.49*	
23 21 13 23-0678	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	117.68	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*32.95*	
		For Hot Dip Galvanized, Add	*47.07*	
		For Advanced Fluoropolymer (Blue Coating), Add	*82.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0679	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	120.41	
		For Zinc Plated, Add	*33.71*	
		For Hot Dip Galvanized, Add	*48.16*	
		For Advanced Fluoropolymer (Blue Coating), Add	*84.29*	
23 21 13 23-0680	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	135.11	
		For Zinc Plated, Add	*37.83*	
		For Hot Dip Galvanized, Add	*54.04*	
		For Advanced Fluoropolymer (Blue Coating), Add	*94.58*	
23 21 13 23-0681	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	223.41	
		For Zinc Plated, Add	*62.55*	
		For Hot Dip Galvanized, Add	*89.36*	
		For Advanced Fluoropolymer (Blue Coating), Add	*156.39*	
23 21 13 23-0682	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	321.18	
		For Zinc Plated, Add	*89.93*	
		For Hot Dip Galvanized, Add	*128.47*	
		For Advanced Fluoropolymer (Blue Coating), Add	*224.83*	
23 21 13 23-0683	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	405.88	
		For Zinc Plated, Add	*113.65*	
		For Hot Dip Galvanized, Add	*162.35*	
		For Advanced Fluoropolymer (Blue Coating), Add	*284.12*	
23 21 13 23-0684	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	577.58	
		For Zinc Plated, Add	*161.72*	
		For Hot Dip Galvanized, Add	*231.03*	
		For Advanced Fluoropolymer (Blue Coating), Add	*404.31*	
23 21 13 23-0685	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.	911.47	
		For Zinc Plated, Add	*255.21*	
		For Hot Dip Galvanized, Add	*364.59*	
		For Advanced Fluoropolymer (Blue Coating), Add	*638.03*	
23 21 13 23-0686	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.	1,295.84	
		For Zinc Plated, Add	*362.84*	
		For Hot Dip Galvanized, Add	*518.34*	
		For Advanced Fluoropolymer (Blue Coating), Add	*907.09*	
23 21 13 23-0687		**Class 300 Flange, Steel Bolt And Gasket Sets** *(23 21 13 23-0393)* Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21 13 23-0688	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	18.44	
		For Zinc Plated, Add	*5.16*	
		For Hot Dip Galvanized, Add	*7.38*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.91*	
23 21 13 23-0689	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	32.89	
		For Zinc Plated, Add	*9.21*	
		For Hot Dip Galvanized, Add	*13.16*	
		For Advanced Fluoropolymer (Blue Coating), Add	*23.02*	
23 21 13 23-0690	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	50.57	
		For Zinc Plated, Add	*14.16*	
		For Hot Dip Galvanized, Add	*20.23*	
		For Advanced Fluoropolymer (Blue Coating), Add	*35.40*	
23 21 13 23-0691	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	54.96	
		For Zinc Plated, Add	*15.39*	
		For Hot Dip Galvanized, Add	*21.98*	
		For Advanced Fluoropolymer (Blue Coating), Add	*38.47*	
23 21 13 23-0692	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	56.16	
		For Zinc Plated, Add	*15.72*	
		For Hot Dip Galvanized, Add	*22.46*	
		For Advanced Fluoropolymer (Blue Coating), Add	*39.31*	
23 21 13 23-0693	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	61.69	
		For Zinc Plated, Add	*17.27*	
		For Hot Dip Galvanized, Add	*24.68*	
		For Advanced Fluoropolymer (Blue Coating), Add	*43.18*	
23 21 13 23-0694	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	87.47	
		For Zinc Plated, Add	*24.49*	
		For Hot Dip Galvanized, Add	*34.99*	
		For Advanced Fluoropolymer (Blue Coating), Add	*61.23*	
23 21 13 23-0695	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	135.30	
		For Zinc Plated, Add	*37.88*	
		For Hot Dip Galvanized, Add	*54.12*	
		For Advanced Fluoropolymer (Blue Coating), Add	*94.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0696	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	245.11	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*68.63*	
		For Hot Dip Galvanized, Add	*98.04*	
		For Advanced Fluoropolymer (Blue Coating), Add	*171.58*	
23 21 13 23-0697	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	352.33	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*98.65*	
		For Hot Dip Galvanized, Add	*140.93*	
		For Advanced Fluoropolymer (Blue Coating), Add	*246.63*	
23 21 13 23-0698	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	481.31	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*134.77*	
		For Hot Dip Galvanized, Add	*192.52*	
		For Advanced Fluoropolymer (Blue Coating), Add	*336.92*	
23 21 13 23-0699	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	662.80	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*185.58*	
		For Hot Dip Galvanized, Add	*265.12*	
		For Advanced Fluoropolymer (Blue Coating), Add	*463.96*	
23 21 13 23-0700	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	852.18	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*238.61*	
		For Hot Dip Galvanized, Add	*340.87*	
		For Advanced Fluoropolymer (Blue Coating), Add	*596.53*	
23 21 13 23-0701	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	905.32	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*253.49*	
		For Hot Dip Galvanized, Add	*362.13*	
		For Advanced Fluoropolymer (Blue Coating), Add	*633.72*	
23 21 13 23-0702	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,149.67	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*321.91*	
		For Hot Dip Galvanized, Add	*459.87*	
		For Advanced Fluoropolymer (Blue Coating), Add	*804.77*	
23 21 13 23-0703	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,809.82	
		Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*506.75*	
		For Hot Dip Galvanized, Add	*723.93*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,266.87*	
23 21 13 23-0704	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	2,729.64	
		Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*764.30*	
		For Hot Dip Galvanized, Add	*1,091.86*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,910.75*	

23 21 13 23-0705 150 LB, Rubber Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.

23 21 13 23-0706	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	29.67	
		For 300 LB Rating Gasket Set, Add	*0.22*	
		For Work In Restricted Working Space, Add	*8.72*	
23 21 13 23-0707	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	31.81	
		For 300 LB Rating Gasket Set, Add	*0.29*	
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-0708	EA	1", 150 LB, Rubber Flange Gasket Replacement	35.33	
		For 300 LB Rating Gasket Set, Add	*0.51*	
		For Work In Restricted Working Space, Add	*10.16*	
23 21 13 23-0709	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	38.45	
		For 300 LB Rating Gasket Set, Add	*0.58*	
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0710	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	42.73	
		For 300 LB Rating Gasket Set, Add	*0.72*	
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-0711	EA	2", 150 LB, Rubber Flange Gasket Replacement	47.44	
		For 300 LB Rating Gasket Set, Add	*1.02*	
		For Work In Restricted Working Space, Add	*13.36*	
23 21 13 23-0712	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	56.22	
		For 300 LB Rating Gasket Set, Add	*1.38*	
		For Work In Restricted Working Space, Add	*15.68*	
23 21 13 23-0713	EA	3", 150 LB, Rubber Flange Gasket Replacement	59.75	
		For 300 LB Rating Gasket Set, Add	*1.60*	
		For Work In Restricted Working Space, Add	*16.56*	
23 21 13 23-0714	EA	4", 150 LB, Rubber Flange Gasket Replacement	80.08	
		For 300 LB Rating Gasket Set, Add	*2.61*	
		For Work In Restricted Working Space, Add	*21.79*	
23 21 13 23-0715	EA	5", 150 LB, Rubber Flange Gasket Replacement	92.53	
		For 300 LB Rating Gasket Set, Add	*2.90*	
		For Work In Restricted Working Space, Add	*25.27*	
23 21 13 23-0716	EA	6", 150 LB, Rubber Flange Gasket Replacement	106.64	
		For 300 LB Rating Gasket Set, Add	*3.77*	
		For Work In Restricted Working Space, Add	*28.76*	
23 21 13 23-0717	EA	8", 150 LB, Rubber Flange Gasket Replacement	131.94	
		For 300 LB Rating Gasket Set, Add	*5.51*	
		For Work In Restricted Working Space, Add	*34.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0718	EA	10", 150 LB, Rubber Flange Gasket Replacement	146.31	
		For 300 LB Rating Gasket Set, Add	*7.83*	
		For Work In Restricted Working Space, Add	*37.18*	
23 21 13 23-0719	EA	12", 150 LB, Rubber Flange Gasket Replacement	169.00	
		For 300 LB Rating Gasket Set, Add	*10.01*	
		For Work In Restricted Working Space, Add	*42.12*	
23 21 13 23-0720	EA	14", 150 LB, Rubber Flange Gasket Replacement	179.43	
		For 300 LB Rating Gasket Set, Add	*11.97*	
		For Work In Restricted Working Space, Add	*43.57*	
23 21 13 23-0721	EA	16", 150 LB, Rubber Flange Gasket Replacement	231.78	
		For 300 LB Rating Gasket Set, Add	*13.35*	
		For Work In Restricted Working Space, Add	*58.10*	
23 21 13 23-0722	EA	18", 150 LB, Rubber Flange Gasket Replacement	251.82	
		For 300 LB Rating Gasket Set, Add	*13.93*	
		For Work In Restricted Working Space, Add	*63.61*	
23 21 13 23-0723	EA	20", 150 LB, Rubber Flange Gasket Replacement	301.19	
		For 300 LB Rating Gasket Set, Add	*14.94*	
		For Work In Restricted Working Space, Add	*77.55*	

23 21 13 23-0724 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0725	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	21.02	
		For Work In Restricted Working Space, Add	*6.31*	
23 21 13 23-0726	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	22.69	
		For Work In Restricted Working Space, Add	*6.81*	
23 21 13 23-0727	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	25.53	
		For Work In Restricted Working Space, Add	*7.66*	
23 21 13 23-0728	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.79	
		For Work In Restricted Working Space, Add	*8.04*	
23 21 13 23-0729	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	28.36	
		For Work In Restricted Working Space, Add	*8.51*	
23 21 13 23-0730	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	30.47	
		For Work In Restricted Working Space, Add	*9.14*	
23 21 13 23-0731	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	32.58	
		For Work In Restricted Working Space, Add	*9.77*	
23 21 13 23-0732	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	35.72	
		For Work In Restricted Working Space, Add	*10.72*	
23 21 13 23-0733	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	38.87	
		For Work In Restricted Working Space, Add	*11.66*	
23 21 13 23-0734	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	42.03	
		For Work In Restricted Working Space, Add	*12.61*	
23 21 13 23-0735	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	45.18	
		For Work In Restricted Working Space, Add	*13.55*	
23 21 13 23-0736	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.38	
		For Work In Restricted Working Space, Add	*14.81*	
23 21 13 23-0737	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	53.58	
		For Work In Restricted Working Space, Add	*16.07*	
23 21 13 23-0738	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	57.79	
		For Work In Restricted Working Space, Add	*17.34*	
23 21 13 23-0739	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	61.99	
		For Work In Restricted Working Space, Add	*18.60*	
23 21 13 23-0740	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	65.14	
		For Work In Restricted Working Space, Add	*19.54*	
23 21 13 23-0741	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	68.29	
		For Work In Restricted Working Space, Add	*20.49*	
23 21 13 23-0742	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	72.50	
		For Work In Restricted Working Space, Add	*21.75*	

23 21 13 23-0743 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

23 21 13 23-0744	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	22.62	10.80
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0745	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	25.27	11.79
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0746	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	26.68	11.59
		For Work In Restricted Working Space, Add	*5.20*	
23 21 13 23-0747	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	33.38	14.73
		For Work In Restricted Working Space, Add	*6.62*	
23 21 13 23-0748	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	54.56	21.80
		For Work In Restricted Working Space, Add	*9.80*	
23 21 13 23-0749	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	69.89	25.97
		For Work In Restricted Working Space, Add	*11.70*	
23 21 13 23-0750	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	94.41	32.34
		For Work In Restricted Working Space, Add	*14.56*	
23 21 13 23-0751	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	114.60	39.00
		For Work In Restricted Working Space, Add	*17.54*	
23 21 13 23-0752	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	146.33	50.62
		For Work In Restricted Working Space, Add	*22.77*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0753		150 LB, Spiral Wound Metal Flange Gasket Replacement *(23 21 13 23-0393)* Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (1/8" thick carbon steel outer ring with spiral wound 304 stainless steel inner ring) and rebolting.			
23 21 13 23-0754	EA	1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement		32.59	
		For 300 Lb., Add		*0.27*	
		For Work In Restricted Working Space, Add		*8.72*	
23 21 13 23-0755	EA	3/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement		34.58	
		For 300 Lb., Add		*0.27*	
		For Work In Restricted Working Space, Add		*9.29*	
23 21 13 23-0756	EA	1", 150 LB, Spiral Wound Metal Flange Gasket Replacement		37.51	
		For 300 Lb., Add		*0.27*	
		For Work In Restricted Working Space, Add		*10.16*	
23 21 13 23-0757	EA	1-1/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement		40.97	
		For 300 Lb., Add		*0.31*	
		For Work In Restricted Working Space, Add		*11.04*	
23 21 13 23-0758	EA	1-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement		44.93	
		For 300 Lb., Add		*0.32*	
		For Work In Restricted Working Space, Add		*12.20*	
23 21 13 23-0759	EA	2", 150 LB, Spiral Wound Metal Flange Gasket Replacement		49.01	
		For 300 Lb., Add		*0.34*	
		For Work In Restricted Working Space, Add		*13.36*	
23 21 13 23-0760	EA	2-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement		57.14	
		For 300 Lb., Add		*0.36*	
		For Work In Restricted Working Space, Add		*15.68*	
23 21 13 23-0761	EA	3", 150 LB, Spiral Wound Metal Flange Gasket Replacement		60.44	
		For 300 Lb., Add		*0.39*	
		For Work In Restricted Working Space, Add		*16.56*	
23 21 13 23-0762	EA	4", 150 LB, Spiral Wound Metal Flange Gasket Replacement		79.33	
		For 300 Lb., Add		*0.50*	
		For Work In Restricted Working Space, Add		*21.79*	
23 21 13 23-0763	EA	5", 150 LB, Spiral Wound Metal Flange Gasket Replacement		92.52	
		For 300 Lb., Add		*0.62*	
		For Work In Restricted Working Space, Add		*25.27*	
23 21 13 23-0764	EA	6", 150 LB, Spiral Wound Metal Flange Gasket Replacement		105.06	
		For 300 Lb., Add		*0.69*	
		For Work In Restricted Working Space, Add		*28.76*	
23 21 13 23-0765	EA	8", 150 LB, Spiral Wound Metal Flange Gasket Replacement		127.19	
		For 300 Lb., Add		*0.82*	
		For Work In Restricted Working Space, Add		*34.86*	
23 21 13 23-0766	EA	10", 150 LB, Spiral Wound Metal Flange Gasket Replacement		139.09	
		For 300 Lb., Add		*1.14*	
		For Work In Restricted Working Space, Add		*37.18*	
23 21 13 23-0767	EA	12", 150 LB, Spiral Wound Metal Flange Gasket Replacement		163.23	
		For 300 Lb., Add		*1.71*	
		For Work In Restricted Working Space, Add		*42.12*	
23 21 13 23-0768		150 LB, Flexible Graphite Flange Gasket Replacement *(23 21 13 23-0393)* Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (flexible graphite outer ring with 316 stainless steel inner ring) and rebolting.			
23 21 13 23-0769	EA	1/2", 150 LB, Flexible Graphite Flange Gasket Replacement		29.76	
		For Work In Restricted Working Space, Add		*8.72*	
23 21 13 23-0770	EA	3/4", 150 LB, Flexible Graphite Flange Gasket Replacement		32.15	
		For Work In Restricted Working Space, Add		*9.29*	
23 21 13 23-0771	EA	1", 150 LB, Flexible Graphite Flange Gasket Replacement		35.23	
		For Work In Restricted Working Space, Add		*10.16*	
23 21 13 23-0772	EA	1-1/4", 150 LB, Flexible Graphite Flange Gasket Replacement		38.71	
		For Work In Restricted Working Space, Add		*11.04*	
23 21 13 23-0773	EA	1-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement		42.71	
		For Work In Restricted Working Space, Add		*12.20*	
23 21 13 23-0774	EA	2", 150 LB, Flexible Graphite Flange Gasket Replacement		47.23	
		For Work In Restricted Working Space, Add		*13.36*	
23 21 13 23-0775	EA	2-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement		55.91	
		For Work In Restricted Working Space, Add		*15.68*	
23 21 13 23-0776	EA	3", 150 LB, Flexible Graphite Flange Gasket Replacement		59.02	
		For Work In Restricted Working Space, Add		*16.56*	
23 21 13 23-0777	EA	4", 150 LB, Flexible Graphite Flange Gasket Replacement		78.81	
		For Work In Restricted Working Space, Add		*21.79*	
23 21 13 23-0778	EA	5", 150 LB, Flexible Graphite Flange Gasket Replacement		91.61	
		For Work In Restricted Working Space, Add		*25.27*	
23 21 13 23-0779	EA	6", 150 LB, Flexible Graphite Flange Gasket Replacement		104.08	
		For Work In Restricted Working Space, Add		*28.76*	
23 21 13 23-0780	EA	8", 150 LB, Flexible Graphite Flange Gasket Replacement		130.04	
		For Work In Restricted Working Space, Add		*34.86*	
23 21 13 23-0781	EA	10", 150 LB, Flexible Graphite Flange Gasket Replacement		144.02	
		For Work In Restricted Working Space, Add		*37.18*	
23 21 13 23-0782	EA	12", 150 LB, Flexible Graphite Flange Gasket Replacement		165.24	
		For Work In Restricted Working Space, Add		*42.12*	
23 21 13 23-0783		150 LB, Teflon, Spiral Wound, Flange Gasket Replacement *(23 21 13 23-0393)* Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (teflon outer ring with 304 stainless steel inner ring) and rebolting.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0784	EA	1/2", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	47.86	
		For Work In Restricted Working Space, Add	*8.72*	
23 21 13 23-0785	EA	3/4", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	51.07	
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-0786	EA	1", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	55.28	
		For Work In Restricted Working Space, Add	*10.16*	
23 21 13 23-0787	EA	1-1/4", Teflon, Spiral Wound, Flange Gasket Replacement	62.70	
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0788	EA	1-1/2", Teflon, Spiral Wound, Flange Gasket Replacement	67.43	
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-0789	EA	2", Teflon, Spiral Wound, Flange Gasket Replacement	73.54	
		For Work In Restricted Working Space, Add	*13.36*	
23 21 13 23-0790	EA	2-1/2", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	85.43	
		For Work In Restricted Working Space, Add	*15.68*	
23 21 13 23-0791	EA	3", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	97.26	
		For Work In Restricted Working Space, Add	*16.56*	
23 21 13 23-0792	EA	4", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	122.71	
		For Work In Restricted Working Space, Add	*21.79*	
23 21 13 23-0793	EA	5", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	146.63	
		For Work In Restricted Working Space, Add	*25.27*	
23 21 13 23-0794	EA	6", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	192.57	
		For Work In Restricted Working Space, Add	*28.76*	
23 21 13 23-0795	EA	8", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	211.72	
		For Work In Restricted Working Space, Add	*34.86*	
23 21 13 23-0796	EA	10", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	241.43	
		For Work In Restricted Working Space, Add	*37.18*	
23 21 13 23-0797	EA	12", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	317.86	
		For Work In Restricted Working Space, Add	*42.12*	

23 21 13 23-0798 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0617 for welded neck flange ends.

23 21 13 23-0799 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0798)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for Class 150 steel bolt and gasket set.

23 21 13 23-0800 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0799)*

23 21 13 23-0801	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	494.27	45.18
		For Galvanized Fittings, Add	*341.22*	
		For Extra Heavy Weight Fittings, Add	*511.84*	
23 21 13 23-0802	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	551.31	50.32
		For Galvanized Fittings, Add	*380.66*	
		For Extra Heavy Weight Fittings, Add	*571.00*	
23 21 13 23-0803	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	546.19	55.54
		For Galvanized Fittings, Add	*370.38*	
		For Extra Heavy Weight Fittings, Add	*555.56*	
23 21 13 23-0804	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	694.76	64.54
		For Galvanized Fittings, Add	*478.40*	
		For Extra Heavy Weight Fittings, Add	*717.60*	
23 21 13 23-0805	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	976.44	72.28
		For Galvanized Fittings, Add	*694.46*	
		For Extra Heavy Weight Fittings, Add	*1,041.68*	
23 21 13 23-0806	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	1,030.30	83.90
		For Galvanized Fittings, Add	*723.61*	
		For Extra Heavy Weight Fittings, Add	*1,085.41*	
23 21 13 23-0807	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	1,311.11	92.89
		For Galvanized Fittings, Add	*937.42*	
		For Extra Heavy Weight Fittings, Add	*1,406.12*	

23 21 13 23-0808 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0799)*

23 21 13 23-0809	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	933.25	47.81
		For Galvanized Fittings, Add	*689.31*	
		For Extra Heavy Weight Fittings, Add	*1,033.97*	
23 21 13 23-0810	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	971.00	52.93
		For Galvanized Fittings, Add	*713.32*	
		For Extra Heavy Weight Fittings, Add	*1,069.98*	
23 21 13 23-0811	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,210.98	59.99
		For Galvanized Fittings, Add	*896.79*	
		For Extra Heavy Weight Fittings, Add	*1,345.19*	
23 21 13 23-0812	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,501.85	63.87
		For Galvanized Fittings, Add	*1,124.85*	
		For Extra Heavy Weight Fittings, Add	*1,687.27*	
23 21 13 23-0813	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,710.24	74.22
		For Galvanized Fittings, Add	*1,279.17*	
		For Extra Heavy Weight Fittings, Add	*1,918.75*	
23 21 13 23-0814	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	2,389.55	88.44
		For Galvanized Fittings, Add	*1,805.58*	
		For Extra Heavy Weight Fittings, Add	*2,708.38*	

23 21 13 23-0815 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0799)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0816	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	648.60	45.18
		For Galvanized Fittings, Add	*464.69*	
		For Extra Heavy Weight Fittings, Add	*697.03*	
23 21 13 23-0817	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	675.63	50.32
		For Galvanized Fittings, Add	*480.12*	
		For Extra Heavy Weight Fittings, Add	*720.18*	
23 21 13 23-0818	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	700.51	55.54
		For Galvanized Fittings, Add	*493.83*	
		For Extra Heavy Weight Fittings, Add	*740.75*	
23 21 13 23-0819	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	874.81	64.54
		For Galvanized Fittings, Add	*622.44*	
		For Extra Heavy Weight Fittings, Add	*933.66*	
23 21 13 23-0820	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	1,267.94	72.28
		For Galvanized Fittings, Add	*927.66*	
		For Extra Heavy Weight Fittings, Add	*1,391.48*	
23 21 13 23-0821	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	1,231.77	83.90
		For Galvanized Fittings, Add	*884.78*	
		For Extra Heavy Weight Fittings, Add	*1,327.18*	
23 21 13 23-0822	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,454.59	92.89
		For Galvanized Fittings, Add	*1,052.20*	
		For Extra Heavy Weight Fittings, Add	*1,578.30*	

23 21 13 23-0823 Flanged Steel, Tees *(23 21 13 23-0799)*

23 21 13 23-0824	EA	2" Standard Weight, Flanged Steel, Tee	631.02	67.74
		For Galvanized Fittings, Add	*423.54*	
		For Extra Heavy Weight Fittings, Add	*635.30*	
23 21 13 23-0825	EA	2-1/2" Standard Weight, Flanged Steel, Tee	818.38	75.48
		For Galvanized Fittings, Add	*564.14*	
		For Extra Heavy Weight Fittings, Add	*846.20*	
23 21 13 23-0826	EA	3" Standard Weight, Flanged Steel, Tee	742.14	83.22
		For Galvanized Fittings, Add	*493.85*	
		For Extra Heavy Weight Fittings, Add	*740.77*	
23 21 13 23-0827	EA	4" Standard Weight, Flanged Steel, Tee	1,066.77	96.86
		For Galvanized Fittings, Add	*737.30*	
		For Extra Heavy Weight Fittings, Add	*1,105.96*	
23 21 13 23-0828	EA	5" Standard Weight, Flanged Steel, Tee	1,595.13	108.47
		For Galvanized Fittings, Add	*1,146.06*	
		For Extra Heavy Weight Fittings, Add	*1,719.08*	
23 21 13 23-0829	EA	6" Standard Weight, Flanged Steel, Tee	1,948.68	125.89
		For Galvanized Fittings, Add	*1,408.00*	
		For Extra Heavy Weight Fittings, Add	*2,112.00*	
23 21 13 23-0830	EA	8" Standard Weight, Flanged Steel, Tee	2,155.69	145.83
		For Galvanized Fittings, Add	*1,549.61*	
		For Extra Heavy Weight Fittings, Add	*2,324.41*	

23 21 13 23-0831 Flanged Steel, Reducing Tees *(23 21 13 23-0799)*

23 21 13 23-0832	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	1,007.42	72.96
		For Galvanized Fittings, Add	*718.46*	
		For Extra Heavy Weight Fittings, Add	*1,077.70*	
23 21 13 23-0833	EA	3" Standard Weight, Flanged Steel, Reducing Tee	1,164.79	80.70
		For Galvanized Fittings, Add	*835.06*	
		For Extra Heavy Weight Fittings, Add	*1,252.60*	
23 21 13 23-0834	EA	4" Standard Weight, Flanged Steel, Reducing Tee	2,017.98	92.31
		For Galvanized Fittings, Add	*1,503.69*	
		For Extra Heavy Weight Fittings, Add	*2,255.53*	
23 21 13 23-0835	EA	5" Standard Weight, Flanged Steel, Reducing Tee	2,179.84	104.60
		For Galvanized Fittings, Add	*1,618.47*	
		For Extra Heavy Weight Fittings, Add	*2,427.71*	
23 21 13 23-0836	EA	6" Standard Weight, Flanged Steel, Reducing Tee	2,743.52	120.09
		For Galvanized Fittings, Add	*2,050.83*	
		For Extra Heavy Weight Fittings, Add	*3,076.25*	
23 21 13 23-0837	EA	8" Standard Weight, Flanged Steel, Reducing Tee	3,430.16	134.89
		For Galvanized Fittings, Add	*2,582.34*	
		For Extra Heavy Weight Fittings, Add	*3,873.52*	

23 21 13 23-0838 Flanged Steel, Concentric Reducers *(23 21 13 23-0799)*

23 21 13 23-0839	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	958.14	52.93
		For Galvanized Fittings, Add	*703.03*	
		For Extra Heavy Weight Fittings, Add	*1,054.55*	
23 21 13 23-0840	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	1,088.81	59.99
		For Galvanized Fittings, Add	*799.06*	
		For Extra Heavy Weight Fittings, Add	*1,198.58*	
23 21 13 23-0841	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,622.23	68.41
		For Galvanized Fittings, Add	*1,215.73*	
		For Extra Heavy Weight Fittings, Add	*1,823.59*	
23 21 13 23-0842	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,789.55	74.22
		For Galvanized Fittings, Add	*1,342.62*	
		For Extra Heavy Weight Fittings, Add	*2,013.92*	
23 21 13 23-0843	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	2,095.91	88.44
		For Galvanized Fittings, Add	*1,570.67*	
		For Extra Heavy Weight Fittings, Add	*2,356.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0844		**Flanged Steel, Eccentric Reducers** *(23 21 13 23-0799)*		
23 21 13 23-0845	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	1,034.79	59.99
		For Galvanized Fittings, Add	*755.84*	
		For Extra Heavy Weight Fittings, Add	*1,133.76*	
23 21 13 23-0846	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	1,410.89	68.41
		For Galvanized Fittings, Add	*1,046.66*	
		For Extra Heavy Weight Fittings, Add	*1,569.98*	
23 21 13 23-0847		**Plain End Couplings And Fittings** *(23 21 13 23)*		
		Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13 23-0848		**Plain End Piping System Couplings** *(23 21 13 23-0847)*		
23 21 13 23-0849		**Plainlock Plain End Piping System Couplings** *(23 21 13 23-0848)*		
		Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0850	EA	1" Plainlock Plain End Piping System Coupling	189.14	5.81
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-0851	EA	1-1/2" Plainlock Plain End Piping System Coupling	192.53	8.03
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-0852	EA	2" Plainlock Plain End Piping System Coupling	196.45	10.65
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-0853	EA	2-1/2" Plainlock Plain End Piping System Coupling	199.79	12.87
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-0854	EA	3" Plainlock Plain End Piping System Coupling	236.17	15.48
		For Galvanized Fittings, Add	*42.59*	
23 21 13 23-0855	EA	4" Plainlock Plain End Piping System Coupling	326.00	20.61
		For Galvanized Fittings, Add	*59.01*	
23 21 13 23-0856	EA	6" Plainlock Plain End Piping System Coupling	548.51	33.58
		For Galvanized Fittings, Add	*99.64*	
23 21 13 23-0857		**Roust-A-Bout Plain End Piping System Couplings** *(23 21 13 23-0848)*		
		Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0858	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	227.57	8.03
		For Galvanized Fittings, Add	*53.87*	
23 21 13 23-0859	EA	2" Roust-A-Bout Plain End Piping System Coupling	231.49	10.65
		For Galvanized Fittings, Add	*53.87*	
23 21 13 23-0860	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	234.84	12.96
		For Galvanized Fittings, Add	*53.87*	
23 21 13 23-0861	EA	3" Roust-A-Bout Plain End Piping System Coupling	342.39	15.48
		For Galvanized Fittings, Add	*79.80*	
23 21 13 23-0862	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	396.50	18.10
		For Galvanized Fittings, Add	*92.35*	
23 21 13 23-0863	EA	4" Roust-A-Bout Plain End Piping System Coupling	400.33	20.61
		For Galvanized Fittings, Add	*92.35*	
23 21 13 23-0864	EA	5" Roust-A-Bout Plain End Piping System Coupling	566.44	25.84
		For Galvanized Fittings, Add	*131.93*	
23 21 13 23-0865	EA	6" Roust-A-Bout Plain End Piping System Coupling	694.86	33.58
		For Galvanized Fittings, Add	*161.13*	
23 21 13 23-0866	EA	8" Roust-A-Bout Plain End Piping System Coupling	1,202.92	40.06
		For Galvanized Fittings, Add	*285.72*	
23 21 13 23-0867	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,558.00	47.41
		For Galvanized Fittings, Add	*371.71*	
23 21 13 23-0868	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,949.89	56.12
		For Galvanized Fittings, Add	*466.43*	
23 21 13 23-0869	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,742.34	62.03
		For Galvanized Fittings, Add	*662.33*	
23 21 13 23-0870	EA	16" Roust-A-Bout Plain End Piping System Coupling	3,733.18	70.16
		For Galvanized Fittings, Add	*907.00*	
23 21 13 23-0871		**Plain End Piping System Fittings** *(23 21 13 23-0847)*		
		Note: Cast ductile iron bodies.		
23 21 13 23-0872		**Plain End Piping System, 90 Degree Elbows** *(23 21 13 23-0871)*		
23 21 13 23-0873	EA	1" Plain End Piping System, 90 Degree Elbow	186.14	10.55
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0874	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	194.28	15.97
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0875	EA	2" Plain End Piping System, 90 Degree Elbow	201.96	21.09
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0876	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	208.85	25.74
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0877	EA	3" Plain End Piping System, 90 Degree Elbow	251.28	31.16
		For Galvanized Fittings, Add	*40.92*	
23 21 13 23-0878	EA	4" Plain End Piping System, 90 Degree Elbow	359.91	41.03
		For Galvanized Fittings, Add	*59.67*	
23 21 13 23-0879	EA	5" Plain End Piping System, 90 Degree Elbow	1,109.73	51.38
		For Galvanized Fittings, Add	*206.54*	
23 21 13 23-0880	EA	6" Plain End Piping System, 90 Degree Elbow	921.96	67.25
		For Galvanized Fittings, Add	*164.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0881	EA	8" Plain End Piping System, 90 Degree Elbow	1,854.12	79.83
		For Galvanized Fittings, Add	*346.87*	
23 21 13 23-0882	EA	10" Plain End Piping System, 90 Degree Elbow	2,319.66	93.28
		For Galvanized Fittings, Add	*435.97*	
23 21 13 23-0883	EA	12" Plain End Piping System, 90 Degree Elbow	2,943.42	112.05
		For Galvanized Fittings, Add	*555.08*	
23 21 13 23-0884		**Plain End Piping System, 45 Degree Elbows** *(23 21 13 23-0871)*		
23 21 13 23-0885	EA	1" Plain End Piping System, 45 Degree Elbow	186.14	10.55
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0886	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	194.28	15.97
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0887	EA	2" Plain End Piping System, 45 Degree Elbow	201.96	21.09
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0888	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	208.85	25.74
		For Galvanized Fittings, Add	*34.07*	
23 21 13 23-0889	EA	3" Plain End Piping System, 45 Degree Elbow	251.28	31.16
		For Galvanized Fittings, Add	*40.92*	
23 21 13 23-0890	EA	4" Plain End Piping System, 45 Degree Elbow	359.91	41.03
		For Galvanized Fittings, Add	*59.67*	
23 21 13 23-0891	EA	5" Plain End Piping System, 45 Degree Elbow	1,109.73	51.38
		For Galvanized Fittings, Add	*206.54*	
23 21 13 23-0892	EA	6" Plain End Piping System, 45 Degree Elbow	925.11	67.25
		For Galvanized Fittings, Add	*164.86*	
23 21 13 23-0893	EA	8" Plain End Piping System, 45 Degree Elbow	1,072.74	79.83
		For Galvanized Fittings, Add	*190.60*	
23 21 13 23-0894	EA	10" Plain End Piping System, 45 Degree Elbow	1,469.77	93.28
		For Galvanized Fittings, Add	*265.99*	
23 21 13 23-0895	EA	12" Plain End Piping System, 45 Degree Elbow	1,886.10	112.05
		For Galvanized Fittings, Add	*343.62*	
23 21 13 23-0896		**Plain End Piping System, Tees** *(23 21 13 23-0871)*		
23 21 13 23-0897	EA	1" Plain End Piping System, Tee	253.31	15.97
		For Galvanized Fittings, Add	*45.87*	
23 21 13 23-0898	EA	1-1/2" Plain End Piping System, Tee	265.31	23.99
		For Galvanized Fittings, Add	*45.87*	
23 21 13 23-0899	EA	2" Plain End Piping System, Tee	275.89	31.06
		For Galvanized Fittings, Add	*45.87*	
23 21 13 23-0900	EA	2-1/2" Plain End Piping System, Tee	286.41	38.03
		For Galvanized Fittings, Add	*45.87*	
23 21 13 23-0901	EA	3" Plain End Piping System, Tee	400.20	46.74
		For Galvanized Fittings, Add	*66.02*	
23 21 13 23-0902	EA	4" Plain End Piping System, Tee	549.65	60.48
		For Galvanized Fittings, Add	*91.81*	
23 21 13 23-0903	EA	5" Plain End Piping System, Tee	1,126.97	79.06
		For Galvanized Fittings, Add	*201.68*	
23 21 13 23-0904	EA	6" Plain End Piping System, Tee	1,392.95	98.99
		For Galvanized Fittings, Add	*248.91*	
23 21 13 23-0905	EA	8" Plain End Piping System, Tee	1,904.95	120.37
		For Galvanized Fittings, Add	*344.88*	
23 21 13 23-0906	EA	10" Plain End Piping System, Tee	2,843.71	140.31
		For Galvanized Fittings, Add	*526.67*	
23 21 13 23-0907	EA	12" Plain End Piping System, Tee	3,814.33	168.08
		For Galvanized Fittings, Add	*712.47*	
23 21 13 23-0908		**Plain End Piping System, Reducing Tees** *(23 21 13 23-0871)*		
23 21 13 23-0909	EA	1-1/2" Plain End Piping System, Reducing Tee	491.92	25.74
		For Galvanized Fittings, Add	*90.67*	
23 21 13 23-0910	EA	2" Plain End Piping System, Reducing Tee	499.89	31.06
		For Galvanized Fittings, Add	*90.67*	
23 21 13 23-0911	EA	2-1/2" Plain End Piping System, Reducing Tee	510.41	38.03
		For Galvanized Fittings, Add	*90.67*	
23 21 13 23-0912	EA	3" Plain End Piping System, Reducing Tee	523.48	46.74
		For Galvanized Fittings, Add	*90.67*	
23 21 13 23-0913	EA	4" Plain End Piping System, Reducing Tee	759.91	60.48
		For Galvanized Fittings, Add	*133.86*	
23 21 13 23-0914	EA	6" Plain End Piping System, Reducing Tee	1,284.97	98.99
		For Galvanized Fittings, Add	*227.31*	
23 21 13 23-0915	EA	8" Plain End Piping System, Reducing Tee	1,677.32	120.37
		For Galvanized Fittings, Add	*299.36*	
23 21 13 23-0916	EA	10" Plain End Piping System, Reducing Tee	2,517.90	140.31
		For Galvanized Fittings, Add	*461.51*	
23 21 13 23-0917	EA	12" Plain End Piping System, Reducing Tee	3,721.10	168.08
		For Galvanized Fittings, Add	*693.82*	
23 21 13 23-0918		**Plain End Piping System, Wyes** *(23 21 13 23-0871)*		
23 21 13 23-0919	EA	2" Plain End Piping System, Wye	718.37	31.06
		For Galvanized Fittings, Add	*134.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0920	EA	2-1/2" Plain End Piping System, Wye	728.89	38.03
		For Galvanized Fittings, Add	*134.37*	
23 21 13 23-0921	EA	3" Plain End Piping System, Wye	825.30	46.74
		For Galvanized Fittings, Add	*151.04*	
23 21 13 23-0922	EA	4" Plain End Piping System, Wye	1,211.54	60.48
		For Galvanized Fittings, Add	*224.19*	
23 21 13 23-0923	EA	5" Plain End Piping System, Wye	1,482.62	79.06
		For Galvanized Fittings, Add	*272.81*	
23 21 13 23-0924	EA	6" Plain End Piping System, Wye	2,026.74	98.99
		For Galvanized Fittings, Add	*375.67*	
23 21 13 23-0925	EA	8" Plain End Piping System, Wye	2,613.09	120.37
		For Galvanized Fittings, Add	*486.51*	
23 21 13 23-0926	EA	10" Plain End Piping System, Wye	3,797.48	140.31
		For Galvanized Fittings, Add	*717.42*	
23 21 13 23-0927	EA	12" Plain End Piping System, Wye	5,781.84	168.08
		For Galvanized Fittings, Add	*1,105.97*	

23 21 13 23-0928 Plain End Piping System, Laterals *(23 21 13 23-0871)*

23 21 13 23-0929	EA	2" Plain End Piping System, Lateral	765.88	31.06
		For Galvanized Fittings, Add	*143.87*	
23 21 13 23-0930	EA	2-1/2" Plain End Piping System, Lateral	776.40	38.03
		For Galvanized Fittings, Add	*143.87*	
23 21 13 23-0931	EA	3" Plain End Piping System, Lateral	872.50	46.74
		For Galvanized Fittings, Add	*160.48*	
23 21 13 23-0932	EA	4" Plain End Piping System, Lateral	1,301.67	60.48
		For Galvanized Fittings, Add	*242.21*	
23 21 13 23-0933	EA	5" Plain End Piping System, Lateral	1,697.31	79.06
		For Galvanized Fittings, Add	*315.74*	
23 21 13 23-0934	EA	6" Plain End Piping System, Lateral	2,164.86	98.99
		For Galvanized Fittings, Add	*403.29*	
23 21 13 23-0935	EA	8" Plain End Piping System, Lateral	3,120.44	120.37
		For Galvanized Fittings, Add	*587.98*	
23 21 13 23-0936	EA	10" Plain End Piping System, Lateral	4,360.39	140.31
		For Galvanized Fittings, Add	*830.01*	
23 21 13 23-0937	EA	12" Plain End Piping System, Lateral	5,865.51	168.08
		For Galvanized Fittings, Add	*1,122.70*	

23 21 13 23-0938 Plain End Piping System, Crosses *(23 21 13 23-0871)*

23 21 13 23-0939	EA	2" Plain End Piping System, Cross	850.78	46.55
		For Galvanized Fittings, Add	*97.63*	
23 21 13 23-0940	EA	2-1/2" Plain End Piping System, Cross	866.55	56.99
		For Galvanized Fittings, Add	*97.63*	
23 21 13 23-0941	EA	3" Plain End Piping System, Cross	1,011.12	70.16
		For Galvanized Fittings, Add	*113.24*	
23 21 13 23-0942	EA	4" Plain End Piping System, Cross	1,380.45	90.67
		For Galvanized Fittings, Add	*155.57*	
23 21 13 23-0943	EA	5" Plain End Piping System, Cross	1,945.54	118.64
		For Galvanized Fittings, Add	*220.96*	
23 21 13 23-0944	EA	6" Plain End Piping System, Cross	2,556.00	148.04
		For Galvanized Fittings, Add	*291.76*	
23 21 13 23-0945	EA	8" Plain End Piping System, Cross	3,263.16	179.31
		For Galvanized Fittings, Add	*374.30*	
23 21 13 23-0946	EA	10" Plain End Piping System, Cross	4,683.14	209.59
		For Galvanized Fittings, Add	*546.12*	
23 21 13 23-0947	EA	12" Plain End Piping System, Cross	6,677.71	252.16
		For Galvanized Fittings, Add	*787.47*	

23 21 13 23-0948 Plain End Piping System, Adapter Nipples *(23 21 13 23-0871)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0949	EA	1" Plain End Piping System, Adapter Nipple	34.34	5.81
		For Galvanized Fittings, Add	*6.41*	
23 21 13 23-0950	EA	1-1/2" Plain End Piping System, Adapter Nipple	38.43	8.03
		For Galvanized Fittings, Add	*6.58*	
23 21 13 23-0951	EA	2" Plain End Piping System, Adapter Nipple	42.25	10.65
		For Galvanized Fittings, Add	*6.58*	
23 21 13 23-0952	EA	2-1/2" Plain End Piping System, Adapter Nipple	50.21	12.87
		For Galvanized Fittings, Add	*7.71*	
23 21 13 23-0953	EA	3" Plain End Piping System, Adapter Nipple	61.35	15.48
		For Galvanized Fittings, Add	*9.53*	
23 21 13 23-0954	EA	4" Plain End Piping System, Adapter Nipple	94.71	20.61
		For Galvanized Fittings, Add	*15.94*	
23 21 13 23-0955	EA	6" Plain End Piping System, Adapter Nipple	211.11	25.84
		For Galvanized Fittings, Add	*43.10*	

23 21 13 23-0956 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0871)*

23 21 13 23-0957	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	106.93	13.84
		For Galvanized Fittings, Add	*21.53*	
23 21 13 23-0958	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	110.82	16.45
		For Galvanized Fittings, Add	*21.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0959	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	114.72	19.06
		For Galvanized Fittings, Add	*21.53*	
23 21 13 23-0960	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	113.77	18.48
		For Galvanized Fittings, Add	*21.53*	
23 21 13 23-0961	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	117.58	21.00
		For Galvanized Fittings, Add	*21.53*	
23 21 13 23-0962	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	121.44	23.51
		For Galvanized Fittings, Add	*21.53*	
23 21 13 23-0963	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	136.78	21.29
		For Galvanized Fittings, Add	*26.23*	
23 21 13 23-0964	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	140.21	23.51
		For Galvanized Fittings, Add	*26.23*	
23 21 13 23-0965	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	119.89	26.13
		For Galvanized Fittings, Add	*20.17*	
23 21 13 23-0966	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	127.38	31.16
		For Galvanized Fittings, Add	*20.17*	
23 21 13 23-0967	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	146.77	33.58
		For Galvanized Fittings, Add	*24.12*	
23 21 13 23-0968	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	187.17	26.41
		For Galvanized Fittings, Add	*36.88*	
23 21 13 23-0969	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	190.56	28.74
		For Galvanized Fittings, Add	*36.88*	
23 21 13 23-0970	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	158.67	31.35
		For Galvanized Fittings, Add	*27.93*	
23 21 13 23-0971	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	162.00	33.58
		For Galvanized Fittings, Add	*27.93*	
23 21 13 23-0972	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	165.94	36.19
		For Galvanized Fittings, Add	*27.93*	
23 21 13 23-0973	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	169.71	38.70
		For Galvanized Fittings, Add	*27.93*	
23 21 13 23-0974	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	465.50	36.48
		For Galvanized Fittings, Add	*102.69*	
23 21 13 23-0975	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	378.92	41.22
		For Galvanized Fittings, Add	*79.26*	
23 21 13 23-0976	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	330.61	46.55
		For Galvanized Fittings, Add	*65.23*	
23 21 13 23-0977	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	841.69	39.39
		For Galvanized Fittings, Add	*195.67*	
23 21 13 23-0978	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	845.02	41.61
		For Galvanized Fittings, Add	*195.67*	
23 21 13 23-0979	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	645.17	44.22
		For Galvanized Fittings, Add	*144.73*	
23 21 13 23-0980	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	648.61	46.55
		For Galvanized Fittings, Add	*144.73*	
23 21 13 23-0981	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	448.70	49.06
		For Galvanized Fittings, Add	*93.79*	
23 21 13 23-0982	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	452.21	51.38
		For Galvanized Fittings, Add	*93.79*	
23 21 13 23-0983	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	365.70	54.19
		For Galvanized Fittings, Add	*71.13*	
23 21 13 23-0984	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	415.17	59.32
		For Galvanized Fittings, Add	*81.56*	
23 21 13 23-0985	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	535.59	55.45
		For Galvanized Fittings, Add	*113.12*	
23 21 13 23-0986	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	543.40	60.67
		For Galvanized Fittings, Add	*113.12*	
23 21 13 23-0987	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	613.47	65.89
		For Galvanized Fittings, Add	*128.68*	
23 21 13 23-0988	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	687.43	73.63
		For Galvanized Fittings, Add	*144.24*	

23 21 13 23-0989 Plain End Piping System, Bull Plugs *(23 21 13 23-0871)*

23 21 13 23-0990	EA	1" Plain End Piping System, Bull Plug	379.04	5.81
		For Galvanized Fittings, Add	*111.10*	
23 21 13 23-0991	EA	1-1/2" Plain End Piping System, Bull Plug	382.43	8.03
		For Galvanized Fittings, Add	*111.10*	
23 21 13 23-0992	EA	2" Plain End Piping System, Bull Plug	386.25	10.65
		For Galvanized Fittings, Add	*111.10*	
23 21 13 23-0993	EA	2-1/2" Plain End Piping System, Bull Plug	389.68	12.87
		For Galvanized Fittings, Add	*111.10*	
23 21 13 23-0994	EA	3" Plain End Piping System, Bull Plug	566.09	15.48
		For Galvanized Fittings, Add	*162.86*	
23 21 13 23-0995	EA	4" Plain End Piping System, Bull Plug	732.16	20.61
		For Galvanized Fittings, Add	*210.36*	
23 21 13 23-0996	EA	5" Plain End Piping System, Bull Plug	1,277.87	25.84
		For Galvanized Fittings, Add	*371.75*	
23 21 13 23-0997	EA	6" Plain End Piping System, Bull Plug	1,703.06	33.58
		For Galvanized Fittings, Add	*495.83*	
23 21 13 23-0998	EA	8" Plain End Piping System, Bull Plug	3,167.22	39.96
		For Galvanized Fittings, Add	*932.17*	
23 21 13 23-0999	EA	10" Plain End Piping System, Bull Plug	5,710.79	46.74
		For Galvanized Fittings, Add	*1,692.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1000	EA	12" Plain End Piping System, Bull Plug	8,758.52	56.12
		For Galvanized Fittings, Add	*2,602.31*	
23 21 13 23-1001		**Carbon Steel Piping Systems** *(23 21 13 23)*		
23 21 13 23-1002		**Class 3,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-1001)* Note: ASTM A105		
23 21 13 23-1003		**90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1004	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	37.61	19.15
23 21 13 23-1005	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	42.32	21.38
23 21 13 23-1006	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	54.68	23.90
23 21 13 23-1007	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	75.69	27.10
23 21 13 23-1008	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	86.62	30.48
23 21 13 23-1009	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	118.14	38.80
23 21 13 23-1010	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	238.30	57.38
23 21 13 23-1011	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	340.48	75.48
23 21 13 23-1012	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	603.03	80.28
23 21 13 23-1013		**45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1014	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	41.55	19.15
23 21 13 23-1015	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	48.28	21.38
23 21 13 23-1016	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	56.51	23.90
23 21 13 23-1017	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	78.01	27.10
23 21 13 23-1018	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	92.18	30.48
23 21 13 23-1019	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	118.03	38.80
23 21 13 23-1020	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	272.32	57.38
23 21 13 23-1021	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	369.27	75.48
23 21 13 23-1022	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	590.58	80.28
23 21 13 23-1023		**Straight Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1024	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	46.00	23.90
23 21 13 23-1025	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	56.02	27.58
23 21 13 23-1026	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	74.83	32.61
23 21 13 23-1027	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	100.44	38.80
23 21 13 23-1028	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	121.85	46.25
23 21 13 23-1029	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	162.19	57.38
23 21 13 23-1030	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	296.56	75.48
23 21 13 23-1031	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	409.75	89.60
23 21 13 23-1032	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	798.90	101.35
23 21 13 23-1033		**Reducing Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1034	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	47.08	23.90
23 21 13 23-1035	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	57.14	27.58
23 21 13 23-1036	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	76.16	32.61
23 21 13 23-1037	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	103.60	38.80
23 21 13 23-1038	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	125.56	46.25
23 21 13 23-1039	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	167.88	57.38
23 21 13 23-1040	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	310.08	75.48
23 21 13 23-1041	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	429.22	89.60
23 21 13 23-1042	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	729.60	101.35
23 21 13 23-1043		**Straight Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1044	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	32.75	19.15
23 21 13 23-1045	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	36.94	21.38
23 21 13 23-1046	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	43.26	23.90
23 21 13 23-1047	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	49.92	27.10
23 21 13 23-1048	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	58.33	30.48
23 21 13 23-1049	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	76.50	38.80
23 21 13 23-1050	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB	132.23	57.38
23 21 13 23-1051	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	176.91	75.48
23 21 13 23-1052	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	247.46	80.28
23 21 13 23-1053		**Reducing Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1054	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	34.95	19.15
23 21 13 23-1055	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	39.35	21.38
23 21 13 23-1056	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	47.12	23.90
23 21 13 23-1057	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	54.58	27.10
23 21 13 23-1058	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	65.24	30.48
23 21 13 23-1059	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	83.89	38.80
23 21 13 23-1060	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	148.51	57.38
23 21 13 23-1061	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	209.65	75.48
23 21 13 23-1062	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	315.53	80.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1063		**Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1064	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	19.90	9.00
23 21 13 23-1065	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	22.80	9.58
23 21 13 23-1066	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB	26.78	11.03
23 21 13 23-1067	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	31.27	12.00
23 21 13 23-1068	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	36.16	12.00
23 21 13 23-1069	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB	46.95	15.38
23 21 13 23-1070	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	84.76	19.15
23 21 13 23-1071	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB	123.05	23.13
23 21 13 23-1072	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB	179.04	27.47
23 21 13 23-1073		**Black Cast Iron Square Head Plug** *(23 21 13 23-1002)*		
23 21 13 23-1074	EA	1/2" Square Head Plug, Black, Cast Iron	12.82	7.64
23 21 13 23-1075	EA	3/4" Square Head Plug, Black, Cast Iron	14.91	7.64
23 21 13 23-1076	EA	1" Square Head Plug, Black, Cast Iron	21.23	11.61
23 21 13 23-1077	EA	1-1/4" Square Head Plug, Black, Cast Iron	21.65	11.61
23 21 13 23-1078	EA	1-1/2" Square Head Plug, Black, Cast Iron	23.38	11.61
23 21 13 23-1079	EA	2" Square Head Plug, Black, Cast Iron	30.97	15.38
23 21 13 23-1080	EA	2-1/2" Square Head Plug, Black, Cast Iron	40.04	19.15
23 21 13 23-1081	EA	3" Square Head Plug, Black, Cast Iron	52.93	23.13
23 21 13 23-1082	EA	4" Square Head Plug, Black, Cast Iron	62.67	27.47
23 21 13 23-1083		**Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1002)*		
23 21 13 23-1084	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	58.72	23.90
23 21 13 23-1085	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB	64.84	27.58
23 21 13 23-1086	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB	83.19	32.61
23 21 13 23-1087	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB	105.49	38.80
23 21 13 23-1088	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	127.18	46.25
23 21 13 23-1089	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB	159.07	57.38
23 21 13 23-1090	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	280.57	62.31
23 21 13 23-1091	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB	378.33	75.48
23 21 13 23-1092		**Class 6,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-1001)* Note: ASTM A105		
23 21 13 23-1093		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1094	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	42.36	19.15
23 21 13 23-1095	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	47.74	21.38
23 21 13 23-1096	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	64.68	23.90
23 21 13 23-1097	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	94.34	27.10
23 21 13 23-1098	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	108.32	30.48
23 21 13 23-1099	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	150.02	38.80
23 21 13 23-1100	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	319.18	57.38
23 21 13 23-1101	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	461.21	75.48
23 21 13 23-1102	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	859.40	80.28
23 21 13 23-1103		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1104	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	48.84	19.15
23 21 13 23-1105	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	57.43	21.38
23 21 13 23-1106	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	68.21	23.90
23 21 13 23-1107	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	99.21	27.10
23 21 13 23-1108	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	118.46	30.48
23 21 13 23-1109	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	151.95	38.80
23 21 13 23-1110	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	377.81	57.38
23 21 13 23-1111	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	514.27	75.48
23 21 13 23-1112	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	856.84	80.28
23 21 13 23-1113		**Straight Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1114	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	55.41	23.90
23 21 13 23-1115	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	69.61	27.58
23 21 13 23-1116	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	98.87	32.61
23 21 13 23-1117	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	139.64	38.80
23 21 13 23-1118	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	170.45	46.25
23 21 13 23-1119	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	232.74	57.38
23 21 13 23-1120	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	466.41	75.48
23 21 13 23-1121	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	664.79	89.60
23 21 13 23-1122	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	1,398.08	101.35
23 21 13 23-1123		**Reducing Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1124	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	47.08	23.90
23 21 13 23-1125	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	57.14	27.58
23 21 13 23-1126	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	76.16	32.61
23 21 13 23-1127	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	103.60	38.80
23 21 13 23-1128	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	125.56	46.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1129	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	167.88	57.38
23 21 13 23-1130	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	310.08	75.48
23 21 13 23-1131	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	429.22	89.60
23 21 13 23-1132	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	729.60	101.35
23 21 13 23-1133		**Straight Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1134	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	34.73	19.15
23 21 13 23-1135	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	39.28	21.38
23 21 13 23-1136	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	46.84	23.90
23 21 13 23-1137	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	54.44	27.10
23 21 13 23-1138	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	64.41	30.48
23 21 13 23-1139	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	85.39	38.80
23 21 13 23-1140	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	154.58	57.38
23 21 13 23-1141	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	207.73	75.48
23 21 13 23-1142	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	308.95	80.28
23 21 13 23-1143		**Reducing Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1144	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	37.97	19.15
23 21 13 23-1145	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	42.83	21.38
23 21 13 23-1146	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	52.53	23.90
23 21 13 23-1147	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	61.31	27.10
23 21 13 23-1148	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	74.59	30.48
23 21 13 23-1149	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	96.26	38.80
23 21 13 23-1150	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	178.50	57.38
23 21 13 23-1151	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	255.96	75.48
23 21 13 23-1152	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	409.23	80.28
23 21 13 23-1153		**Caps, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1154	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	24.23	9.00
23 21 13 23-1155	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	28.47	9.58
23 21 13 23-1156	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB	33.65	11.03
23 21 13 23-1157	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	40.23	12.00
23 21 13 23-1158	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	48.41	12.00
23 21 13 23-1159	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB	62.93	15.38
23 21 13 23-1160	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	122.41	19.15
23 21 13 23-1161	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB	182.36	23.13
23 21 13 23-1162	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB	271.51	27.47
23 21 13 23-1163		**Black Cast Iron Square Head Plug** *(23 21 13 23-1092)*		
23 21 13 23-1164	EA	1/2" Square Head Plug, Black Cast Iron	12.82	7.64
23 21 13 23-1165	EA	3/4" Square Head Plug, Black Cast Iron	14.93	7.64
23 21 13 23-1166	EA	1" Square Head Plug, Black Cast Iron	21.25	11.61
23 21 13 23-1167	EA	1-1/4" Square Head Plug, Black Cast Iron	21.67	11.61
23 21 13 23-1168	EA	1-1/2" Square Head Plug, Black Cast Iron	23.41	11.61
23 21 13 23-1169	EA	2" Square Head Plug, Black Cast Iron	31.01	15.38
23 21 13 23-1170	EA	2-1/2" Square Head Plug, Black Cast Iron	40.09	19.15
23 21 13 23-1171	EA	3" Square Head Plug, Black Cast Iron	53.02	23.13
23 21 13 23-1172	EA	4" Square Head Plug, Black Cast Iron	62.77	27.47
23 21 13 23-1173		**Unions, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1092)*		
23 21 13 23-1174	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	72.72	23.90
23 21 13 23-1175	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB	79.20	27.58
23 21 13 23-1176	EA	1" Union, Carbon Steel, Socket Weld, 6,000 LB	104.19	32.61
23 21 13 23-1177	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB	134.46	38.80
23 21 13 23-1178	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	162.53	46.25
23 21 13 23-1179	EA	2" Union, Carbon Steel, Socket Weld, 6,000 LB	203.75	57.38
23 21 13 23-1180	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	394.97	62.31
23 21 13 23-1181	EA	3" Union, Carbon Steel, Socket Weld, 6,000 LB	540.48	75.48
23 21 13 23-1182		**Carbon Steel, Seamless Piping System** *(23 21 13 23-1001)* Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1183		**Schedule 40, Carbon Steel, Seamless Piping** *(23 21 13 23-1182)* Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1184	LF	1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	9.65	3.58
		For Schedule 80, Add	*1.54*	
23 21 13 23-1185	LF	1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	9.79	3.87
		For Schedule 80, Add	*1.41*	
		For Schedule 160, Add	*5.88*	
23 21 13 23-1186	LF	3/4" ASTM A106 Carbon Steel Pipe, Schedule 40	11.04	4.16
		For Schedule 80, Add	*1.73*	
		For Schedule 160, Add	*7.20*	
23 21 13 23-1187	LF	1" ASTM A106 Carbon Steel Pipe, Schedule 40	11.70	4.55
		For Schedule 80, Add	*1.78*	
		For Schedule 160, Add	*7.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1188	LF	1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	15.71	5.62
		For Schedule 80, Add	*2.62*	
		For Schedule 160, Add	*10.94*	
23 21 13 23-1189	LF	2" ASTM A106 Carbon Steel Pipe, Schedule 40	19.78	6.77
		For Schedule 80, Add	*3.46*	
		For Schedule 160, Add	*14.40*	
23 21 13 23-1190		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1191	EA	1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	27.70	14.71
23 21 13 23-1192	EA	1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	33.55	17.22
23 21 13 23-1193	EA	3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	37.47	19.26
23 21 13 23-1194	EA	1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	43.07	21.48
23 21 13 23-1195	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	69.11	27.48
23 21 13 23-1196	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	87.56	34.93
23 21 13 23-1197	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	29.49	14.71
23 21 13 23-1198	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	34.22	17.22
23 21 13 23-1199	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	39.69	19.26
23 21 13 23-1200	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	47.90	21.48
23 21 13 23-1201	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	80.65	27.48
23 21 13 23-1202	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	100.31	34.93
23 21 13 23-1203	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	40.50	17.22
23 21 13 23-1204	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	47.59	19.26
23 21 13 23-1205	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	56.21	21.48
23 21 13 23-1206	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	103.99	27.48
23 21 13 23-1207	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	162.22	34.93
23 21 13 23-1208		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1209	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	31.43	14.71
23 21 13 23-1210	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	34.99	17.22
23 21 13 23-1211	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	39.34	19.26
23 21 13 23-1212	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	44.49	21.48
23 21 13 23-1213	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	64.50	27.48
23 21 13 23-1214	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	94.67	34.93
23 21 13 23-1215	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	31.72	14.71
23 21 13 23-1216	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	36.64	17.22
23 21 13 23-1217	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	41.24	19.26
23 21 13 23-1218	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	49.43	21.48
23 21 13 23-1219	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	78.86	27.48
23 21 13 23-1220	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	104.29	34.93
23 21 13 23-1221	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	44.84	17.22
23 21 13 23-1222	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	55.42	19.26
23 21 13 23-1223	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	59.15	21.48
23 21 13 23-1224	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	120.64	27.48
23 21 13 23-1225	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	163.32	34.93
23 21 13 23-1226		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1227	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	36.97	20.41
23 21 13 23-1228	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	42.27	21.48
23 21 13 23-1229	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	50.89	24.87
23 21 13 23-1230	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	62.67	29.32
23 21 13 23-1231	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	101.73	41.61
23 21 13 23-1232	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	126.14	51.68
23 21 13 23-1233	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	38.50	20.41
23 21 13 23-1234	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	43.27	21.48
23 21 13 23-1235	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	54.23	24.87
23 21 13 23-1236	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	65.53	29.32
23 21 13 23-1237	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	111.63	41.61
23 21 13 23-1238	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	142.52	51.68
23 21 13 23-1239	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	50.80	21.48
23 21 13 23-1240	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	62.32	24.87
23 21 13 23-1241	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	85.54	29.32
23 21 13 23-1242	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	134.36	41.61
23 21 13 23-1243	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	215.00	51.68
23 21 13 23-1244		**Crosses, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1245	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	56.21	25.84
23 21 13 23-1246	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	66.79	29.03
23 21 13 23-1247	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	71.84	30.96
23 21 13 23-1248	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	89.09	37.35
23 21 13 23-1249	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	158.04	52.25
23 21 13 23-1250	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	204.72	64.54
23 21 13 23-1251	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	68.67	29.03
23 21 13 23-1252	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	82.66	30.96
23 21 13 23-1253	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	98.56	37.35
23 21 13 23-1254	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	171.69	52.25
23 21 13 23-1255	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	229.66	64.54
23 21 13 23-1256	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	103.93	29.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1257	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	178.90	30.96
23 21 13 23-1258	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	246.86	37.35
23 21 13 23-1259	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	392.21	52.25
23 21 13 23-1260	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	427.95	64.54
23 21 13 23-1261		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1262	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	25.38	14.71
23 21 13 23-1263	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	28.94	17.22
23 21 13 23-1264	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	33.19	19.26
23 21 13 23-1265	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	38.73	21.48
23 21 13 23-1266	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	57.47	27.48
23 21 13 23-1267	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	72.94	34.93
23 21 13 23-1268	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	29.90	14.71
23 21 13 23-1269	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	31.80	17.22
23 21 13 23-1270	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	35.38	19.26
23 21 13 23-1271	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	41.66	21.48
23 21 13 23-1272	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	61.95	27.48
23 21 13 23-1273	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	89.28	34.93
23 21 13 23-1274		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1275	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	26.01	15.68
23 21 13 23-1276	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	30.42	17.22
23 21 13 23-1277	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	35.45	19.26
23 21 13 23-1278	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	41.87	21.48
23 21 13 23-1279	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	58.29	27.48
23 21 13 23-1280	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	77.35	34.93
23 21 13 23-1281	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	88.29	17.22
23 21 13 23-1282	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	91.36	19.26
23 21 13 23-1283	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	107.04	21.48
23 21 13 23-1284	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	154.69	27.48
23 21 13 23-1285	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	223.25	34.93
23 21 13 23-1286		**Caps, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1287	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	12.56	6.58
23 21 13 23-1288	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	14.49	7.64
23 21 13 23-1289	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	17.03	8.61
23 21 13 23-1290	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	20.71	9.58
23 21 13 23-1291	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	28.42	12.19
23 21 13 23-1292	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	38.91	15.58
23 21 13 23-1293	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	17.98	6.58
23 21 13 23-1294	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	17.97	7.64
23 21 13 23-1295	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	22.69	8.61
23 21 13 23-1296	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	24.85	9.58
23 21 13 23-1297	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	45.27	12.19
23 21 13 23-1298	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	55.33	15.58
23 21 13 23-1299		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1300	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	15.63	8.80
23 21 13 23-1301	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	15.88	9.19
23 21 13 23-1302	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	15.74	9.19
23 21 13 23-1303	EA	1" Nipple, 2" Long, Screwed Carbon Steel	17.63	9.97
23 21 13 23-1304	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	20.27	10.74
23 21 13 23-1305	EA	2" Nipple, 2" Long, Screwed Carbon Steel	23.93	13.84
23 21 13 23-1306	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	16.67	8.80
23 21 13 23-1307	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	16.70	9.19
23 21 13 23-1308	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	16.67	9.19
23 21 13 23-1309	EA	1" Nipple, 4" Long, Screwed Carbon Steel	18.89	9.97
23 21 13 23-1310	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	22.51	10.74
23 21 13 23-1311	EA	2" Nipple, 4" Long, Screwed Carbon Steel	27.20	13.84
23 21 13 23-1312	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	19.14	8.80
23 21 13 23-1313	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	18.00	9.19
23 21 13 23-1314	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	18.13	9.19
23 21 13 23-1315	EA	1" Nipple, 6" Long, Screwed Carbon Steel	20.69	9.97
23 21 13 23-1316	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	25.56	10.74
23 21 13 23-1317	EA	2" Nipple, 6" Long, Screwed Carbon Steel	29.91	13.84
23 21 13 23-1318		**Unions, Screwed Carbon Steel** *(23 21 13 23-1182)*		
23 21 13 23-1319	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	32.70	21.38
23 21 13 23-1320	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	34.02	21.48
23 21 13 23-1321	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	39.04	24.87
23 21 13 23-1322	EA	1" Union, 3,000 LB, Screwed Carbon Steel	46.64	29.32
23 21 13 23-1323	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	66.90	41.61
23 21 13 23-1324	EA	2" Union, 3,000 LB, Screwed Carbon Steel	83.07	51.68
23 21 13 23-1325	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	56.70	21.38
23 21 13 23-1326	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	63.04	21.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1327	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	74.18	24.87
23 21 13 23-1328	EA	1" Union, 6,000 LB, Screwed Carbon Steel	89.95	29.32
23 21 13 23-1329	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	155.45	41.61
23 21 13 23-1330	EA	2" Union, 6,000 LB, Screwed Carbon Steel	192.06	51.68
23 21 13 23-1331		Weld Neck Flanges, Screwed Carbon Steel *(23 21 13 23-1182)*		
23 21 13 23-1332	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	72.73	39.96
23 21 13 23-1333	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	76.04	41.90
23 21 13 23-1334	EA	1" Flange, 150 LB, Screwed Carbon Steel	78.76	43.73
23 21 13 23-1335	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	87.50	49.26
23 21 13 23-1336	EA	2" Flange, 150 LB, Screwed Carbon Steel	90.72	51.38
23 21 13 23-1337	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	73.54	39.96
		For Ring Type Joint, Add	*13.56*	
		For Blind Flange, Deduct	*-26.70*	
23 21 13 23-1338	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	76.90	41.90
		For Ring Type Joint, Add	*14.03*	
		For Blind Flange, Deduct	*-27.95*	
23 21 13 23-1339	EA	1" Flange, 300 LB, Screwed Carbon Steel	80.07	43.73
		For Ring Type Joint, Add	*14.48*	
		For Blind Flange, Deduct	*-29.13*	
23 21 13 23-1340	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	90.62	49.26
		For Ring Type Joint, Add	*16.75*	
		For Blind Flange, Deduct	*-32.90*	
23 21 13 23-1341	EA	2" Flange, 300 LB, Screwed Carbon Steel	93.84	51.38
		For Ring Type Joint, Add	*16.75*	
		For Blind Flange, Deduct	*-34.19*	
23 21 13 23-1342	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	78.88	39.96
		For Ring Type Joint, Add	*18.92*	
		For Blind Flange, Deduct	*-27.77*	
23 21 13 23-1343	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	81.79	41.90
		For Ring Type Joint, Add	*18.92*	
		For Blind Flange, Deduct	*-28.93*	
23 21 13 23-1344	EA	1" Flange, 600 LB, Screwed Carbon Steel	85.37	43.73
		For Ring Type Joint, Add	*19.78*	
		For Blind Flange, Deduct	*-30.19*	
23 21 13 23-1345	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	97.19	49.26
		For Ring Type Joint, Add	*23.32*	
		For Blind Flange, Deduct	*-34.21*	
23 21 13 23-1346	EA	2" Flange, 600 LB, Screwed Carbon Steel	98.79	51.38
		For Ring Type Joint, Add	*21.70*	
		For Blind Flange, Deduct	*-35.18*	
23 21 13 23-1347		Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1182)*		
23 21 13 23-1348	EA	1/4" Square Head Plug, Screwed Carbon Steel	5.25	2.71
23 21 13 23-1349	EA	1/2" Square Head Plug, Screwed Carbon Steel	6.29	3.20
23 21 13 23-1350	EA	3/4" Square Head Plug, Screwed Carbon Steel	7.31	3.68
23 21 13 23-1351	EA	1" Square Head Plug, Screwed Carbon Steel	10.65	5.42
23 21 13 23-1352	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	13.80	5.42
23 21 13 23-1353	EA	2" Square Head Plug, Screwed Carbon Steel	20.05	7.07
23 21 13 23-1354		Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1182)*		
23 21 13 23-1355	EA	1/4" Hex Head Plug, Screwed Carbon Steel	4.94	2.71
23 21 13 23-1356	EA	1/2" Hex Head Plug, Screwed Carbon Steel	6.00	3.20
23 21 13 23-1357	EA	3/4" Hex Head Plug, Screwed Carbon Steel	7.12	3.68
23 21 13 23-1358	EA	1" Hex Head Plug, Screwed Carbon Steel	10.48	5.42
23 21 13 23-1359	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	13.11	5.42
23 21 13 23-1360	EA	2" Hex Head Plug, Screwed Carbon Steel	20.54	7.07
23 21 13 23-1361		Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1182)*		
23 21 13 23-1362	EA	1/4" Round Head Plug, Screwed Carbon Steel	5.96	2.71
23 21 13 23-1363	EA	1/2" Round Head Plug, Screwed Carbon Steel	6.33	3.20
23 21 13 23-1364	EA	3/4" Round Head Plug, Screwed Carbon Steel	7.17	3.68
23 21 13 23-1365	EA	1" Round Head Plug, Screwed Carbon Steel	10.76	5.42
23 21 13 23-1366	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	14.68	5.42
23 21 13 23-1367	EA	2" Round Head Plug, Screwed Carbon Steel	20.35	7.07
23 21 13 23-1368		Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1182)*		
23 21 13 23-1369	EA	1/4" Hex Bushing, Screwed Carbon Steel	5.17	2.71
23 21 13 23-1370	EA	1/2" Hex Bushing, Screwed Carbon Steel	5.98	3.20
23 21 13 23-1371	EA	3/4" Hex Bushing, Screwed Carbon Steel	7.04	3.68
23 21 13 23-1372	EA	1" Hex Bushing, Screwed Carbon Steel	10.71	5.42
23 21 13 23-1373	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	13.05	5.42
23 21 13 23-1374	EA	2" Hex Bushing, Screwed Carbon Steel	19.82	7.07
23 21 13 23-1375		90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1182)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1376	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	33.44	14.71
23 21 13 23-1377	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	38.05	17.22
23 21 13 23-1378	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	44.62	19.26
23 21 13 23-1379	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	52.39	21.48
23 21 13 23-1380	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	84.27	27.48
23 21 13 23-1381	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	113.85	34.93
23 21 13 23-1382	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	54.46	17.22
23 21 13 23-1383	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	77.98	19.26
23 21 13 23-1384	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	108.20	21.48
23 21 13 23-1385	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	237.80	27.48
23 21 13 23-1386		Screwed Carbon Steel Laterals *(23 21 13 23-1182)*		
23 21 13 23-1387	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	145.24	21.48
23 21 13 23-1388	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	174.78	24.87
23 21 13 23-1389	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	213.96	29.32
23 21 13 23-1390	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	274.66	41.61
23 21 13 23-1391	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	342.71	51.68
23 21 13 23-1392	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	183.56	21.48
23 21 13 23-1393	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	231.76	24.87
23 21 13 23-1394	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	274.89	29.32
23 21 13 23-1395	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	386.68	41.61
23 21 13 23-1396		Grooved-Joint Pipe *(23 21 13 23)*		
		Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1397		Schedule 10 Black Grooved Pipe *(23 21 13 23-1396)*		
23 21 13 23-1398	LF	2" Black Schedule 10 Grooved Pipe	22.88	12.29
23 21 13 23-1399	LF	2-1/2" Black Schedule 10 Grooved Pipe	31.09	16.84
23 21 13 23-1400	LF	3" Black Schedule 10 Grooved Pipe	34.74	18.67
23 21 13 23-1401	LF	3-1/2" Black Schedule 10 Grooved Pipe	37.68	19.36
23 21 13 23-1402	LF	4" Black Schedule 10 Grooved Pipe	40.29	21.00
23 21 13 23-1403	LF	5" Black Schedule 10 Grooved Pipe	54.06	25.74
23 21 13 23-1404	LF	6" Black Schedule 10 Grooved Pipe	72.16	36.58
23 21 13 23-1405	LF	8" Black Schedule 10 Grooved Pipe	92.16	41.03
23 21 13 23-1406	LF	10" Black Schedule 10 Grooved Pipe	114.12	49.45
23 21 13 23-1407	LF	12" Black Schedule 10 Grooved Pipe	130.92	56.02
23 21 13 23-1408		Schedule 40 Black Grooved Pipe *(23 21 13 23-1396)*		
23 21 13 23-1409	LF	3/4" Black Schedule 40 Grooved Pipe	13.77	7.45
23 21 13 23-1410	LF	1" Black Schedule 40 Grooved Pipe	15.54	8.42
23 21 13 23-1411	LF	1-1/4" Black Schedule 40 Grooved Pipe	17.37	9.09
23 21 13 23-1412	LF	1-1/2" Black Schedule 40 Grooved Pipe	19.75	10.35
23 21 13 23-1413	LF	2" Black Schedule 40 Grooved Pipe	25.01	13.16
23 21 13 23-1414	LF	2-1/2" Black Schedule 40 Grooved Pipe	34.59	18.00
23 21 13 23-1415	LF	3" Black Schedule 40 Grooved Pipe	40.31	20.52
23 21 13 23-1416	LF	4" Black Schedule 40 Grooved Pipe	47.73	22.83
23 21 13 23-1417	LF	5" Black Schedule 40 Grooved Pipe	63.07	27.77
23 21 13 23-1418	LF	6" Black Schedule 40 Grooved Pipe	86.74	40.06
23 21 13 23-1419	LF	8" Black Schedule 40 Grooved Pipe	109.61	45.39
23 21 13 23-1420	LF	10" Black Schedule 40 Grooved Pipe	145.02	54.19
23 21 13 23-1421	LF	12" Black Schedule 40 Grooved Pipe	169.66	62.22
23 21 13 23-1422	LF	14" Black Schedule 40 Grooved Pipe	225.30	84.09
23 21 13 23-1423	LF	16" Black Schedule 40 Grooved Pipe	262.36	98.90
23 21 13 23-1424	LF	18" Black Schedule 40 Grooved Pipe	323.76	120.09
23 21 13 23-1425	LF	20" Black Schedule 40 Grooved Pipe	374.51	140.02
23 21 13 23-1426	LF	24" Black Schedule 40 Grooved Pipe	478.76	168.08
23 21 13 23-1427		Schedule 80 Black Grooved Pipe *(23 21 13 23-1396)*		
23 21 13 23-1428	LF	3/4" Black Schedule 80 Grooved Pipe	15.07	8.13
23 21 13 23-1429	LF	1" Black Schedule 80 Grooved Pipe	16.47	8.61
23 21 13 23-1430	LF	1-1/4" Black Schedule 80 Grooved Pipe	18.94	9.58
23 21 13 23-1431	LF	1-1/2" Black Schedule 80 Grooved Pipe	21.44	10.74
23 21 13 23-1432	LF	2" Black Schedule 80 Grooved Pipe	27.72	13.84
23 21 13 23-1433	LF	2-1/2" Black Schedule 80 Grooved Pipe	38.65	19.06
23 21 13 23-1434	LF	3" Black Schedule 80 Grooved Pipe	45.17	21.38
23 21 13 23-1435	LF	4" Black Schedule 80 Grooved Pipe	54.20	23.32
23 21 13 23-1436	LF	5" Black Schedule 80 Grooved Pipe	78.22	29.32
23 21 13 23-1437	LF	6" Black Schedule 80 Grooved Pipe	104.57	42.00
23 21 13 23-1438	LF	8" Black Schedule 80 Grooved Pipe	145.75	48.00
23 21 13 23-1439	LF	10" Black Schedule 80 Grooved Pipe	180.09	57.96
23 21 13 23-1440	LF	12" Black Schedule 80 Grooved Pipe	196.18	70.06
23 21 13 23-1441		Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1396)*		
23 21 13 23-1442	LF	3/4" Galvanized Schedule 40 Grooved Pipe	16.52	7.45
23 21 13 23-1443	LF	1" Galvanized Schedule 40 Grooved Pipe	19.16	8.42
23 21 13 23-1444	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	21.35	9.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1445	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	24.30	10.35
23 21 13 23-1446	LF	2" Galvanized Schedule 40 Grooved Pipe	30.73	13.16
23 21 13 23-1447	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	43.03	18.00
23 21 13 23-1448	LF	3" Galvanized Schedule 40 Grooved Pipe	51.08	20.52
23 21 13 23-1449	LF	4" Galvanized Schedule 40 Grooved Pipe	63.02	22.83
23 21 13 23-1450	LF	5" Galvanized Schedule 40 Grooved Pipe	88.50	27.77
23 21 13 23-1451	LF	6" Galvanized Schedule 40 Grooved Pipe	119.35	40.06
23 21 13 23-1452	LF	8" Galvanized Schedule 40 Grooved Pipe	158.45	45.39
23 21 13 23-1453	LF	10" Galvanized Schedule 40 Grooved Pipe	223.25	54.19
23 21 13 23-1454	LF	12" Galvanized Schedule 40 Grooved Pipe	263.68	62.22
23 21 13 23-1455		Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1396)*		
23 21 13 23-1456	LF	3/4" Galvanized Schedule 80 Grooved Pipe	17.75	8.13
23 21 13 23-1457	LF	1" Galvanized Schedule 80 Grooved Pipe	23.12	8.61
23 21 13 23-1458	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	23.39	9.58
23 21 13 23-1459	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	30.57	11.42
23 21 13 23-1460	LF	2" Galvanized Schedule 80 Grooved Pipe	34.59	13.84
23 21 13 23-1461	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	48.95	19.06
23 21 13 23-1462	LF	3" Galvanized Schedule 80 Grooved Pipe	58.86	21.38
23 21 13 23-1463	LF	4" Galvanized Schedule 80 Grooved Pipe	74.05	23.32
23 21 13 23-1464	LF	5" Galvanized Schedule 80 Grooved Pipe	111.43	29.32
23 21 13 23-1465	LF	6" Galvanized Schedule 80 Grooved Pipe	144.49	42.00
23 21 13 23-1466	LF	8" Galvanized Schedule 80 Grooved Pipe	215.86	48.00
23 21 13 23-1467	LF	10" Galvanized Schedule 80 Grooved Pipe	256.91	57.96
23 21 13 23-1468	LF	12" Galvanized Schedule 80 Grooved Pipe	282.06	70.06
23 21 13 23-1469		Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1470		Grooved Elbows *(23 21 13 23-1469)*		
23 21 13 23-1471		90 Degree Grooved Elbows *(23 21 13 23-1470)*		
		Note: Victaulic No. 10		
23 21 13 23-1472	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	78.61	10.55
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1473	EA	1", Ductile Iron, Grooved 90 Degree Elbow	78.61	10.55
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1474	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	82.56	13.16
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1475	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	86.75	15.97
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1476	EA	2", Ductile Iron, Grooved 90 Degree Elbow	94.43	21.09
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1477	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	101.32	25.74
		For Galvanized Fittings, Add	*20.72*	
23 21 13 23-1478	EA	3", Ductile Iron, Grooved 90 Degree Elbow	158.26	31.16
		For Galvanized Fittings, Add	*36.81*	
23 21 13 23-1479	EA	4", Ductile Iron, Grooved 90 Degree Elbow	183.15	41.12
		For Galvanized Fittings, Add	*40.10*	
23 21 13 23-1480	EA	5", Ductile Iron, Grooved 90 Degree Elbow	372.81	51.38
		For Galvanized Fittings, Add	*97.60*	
23 21 13 23-1481	EA	6", Ductile Iron, Grooved 90 Degree Elbow	444.52	67.25
		For Galvanized Fittings, Add	*113.43*	
23 21 13 23-1482	EA	8", Ductile Iron, Grooved 90 Degree Elbow	843.44	80.03
		For Galvanized Fittings, Add	*238.74*	
23 21 13 23-1483	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,267.12	93.37
		For Galvanized Fittings, Add	*371.95*	
23 21 13 23-1484	EA	12", Ductile Iron, Grooved 90 Degree Elbow	1,974.61	112.05
		For Galvanized Fittings, Add	*596.18*	
23 21 13 23-1485	EA	14", Steel, Grooved 90 Degree Elbow	3,946.77	126.47
		For Galvanized Fittings, Add	*1,239.85*	
23 21 13 23-1486	EA	16", Steel, Grooved 90 Degree Elbow	5,126.18	140.02
		For Galvanized Fittings, Add	*1,622.35*	
23 21 13 23-1487	EA	18", Steel, Grooved 90 Degree Elbow	6,464.52	152.98
		For Galvanized Fittings, Add	*2,057.62*	
23 21 13 23-1488	EA	20", Steel, Grooved 90 Degree Elbow	8,432.26	159.08
		For Galvanized Fittings, Add	*2,703.92*	
23 21 13 23-1489	EA	24", Steel, Grooved 90 Degree Elbow	12,072.86	188.11
		For Galvanized Fittings, Add	*3,891.00*	
23 21 13 23-1490		45 Degree Grooved Elbows *(23 21 13 23-1470)*		
		Note: Victaulic No. 11		
23 21 13 23-1491	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	78.56	10.55
		For Galvanized Fittings, Add	*15.06*	
23 21 13 23-1492	EA	1", Ductile Iron, Grooved 45 Degree Elbow	78.56	10.55
		For Galvanized Fittings, Add	*15.06*	
23 21 13 23-1493	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	82.51	13.16
		For Galvanized Fittings, Add	*15.06*	
23 21 13 23-1494	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	86.70	15.97
		For Galvanized Fittings, Add	*15.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1495	EA	2", Ductile Iron, Grooved 45 Degree Elbow	94.38	21.09
		For Galvanized Fittings, Add	*15.06*	
23 21 13 23-1496	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	101.27	25.74
		For Galvanized Fittings, Add	*15.06*	
23 21 13 23-1497	EA	3", Ductile Iron, Grooved 45 Degree Elbow	158.21	31.16
		For Galvanized Fittings, Add	*26.76*	
23 21 13 23-1498	EA	4", Ductile Iron, Grooved 45 Degree Elbow	183.15	41.12
		For Galvanized Fittings, Add	*29.16*	
23 21 13 23-1499	EA	5", Ductile Iron, Grooved 45 Degree Elbow	372.81	51.38
		For Galvanized Fittings, Add	*70.98*	
23 21 13 23-1500	EA	6", Ductile Iron, Grooved 45 Degree Elbow	444.52	67.25
		For Galvanized Fittings, Add	*82.50*	
23 21 13 23-1501	EA	8", Ductile Iron, Grooved 45 Degree Elbow	843.44	80.03
		For Galvanized Fittings, Add	*173.63*	
23 21 13 23-1502	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,267.12	93.37
		For Galvanized Fittings, Add	*270.51*	
23 21 13 23-1503	EA	12", Ductile Iron, Grooved 45 Degree Elbow	1,974.61	112.05
		For Galvanized Fittings, Add	*433.59*	
23 21 13 23-1504	EA	14", Steel, Grooved 45 Degree Elbow	3,946.77	126.47
		For Galvanized Fittings, Add	*901.71*	
23 21 13 23-1505	EA	16", Steel, Grooved 45 Degree Elbow	5,126.18	140.02
		For Galvanized Fittings, Add	*1,179.89*	
23 21 13 23-1506	EA	18", Steel, Grooved 45 Degree Elbow	6,464.52	152.98
		For Galvanized Fittings, Add	*1,496.45*	
23 21 13 23-1507	EA	20", Steel, Grooved 45 Degree Elbow	8,432.69	159.37
		For Galvanized Fittings, Add	*1,966.49*	
23 21 13 23-1508	EA	24", Steel, Grooved 45 Degree Elbow	12,072.86	188.11
		For Galvanized Fittings, Add	*2,829.82*	

23 21 13 23-1509 22-1/2 Degree Grooved Elbows *(23 21 13 23-1470)*

Note: Victaulic No. 12

23 21 13 23-1510	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	82.69	10.55
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1511	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	86.64	13.16
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1512	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	90.83	15.97
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1513	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	98.51	21.09
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1514	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	105.40	25.74
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1515	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	144.53	31.16
		For Galvanized Fittings, Add	*23.48*	
23 21 13 23-1516	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	192.81	41.12
		For Galvanized Fittings, Add	*31.48*	
23 21 13 23-1517	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	483.82	51.38
		For Galvanized Fittings, Add	*97.63*	
23 21 13 23-1518	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	472.40	67.25
		For Galvanized Fittings, Add	*89.19*	
23 21 13 23-1519	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	897.52	80.03
		For Galvanized Fittings, Add	*186.60*	
23 21 13 23-1520	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,207.44	93.37
		For Galvanized Fittings, Add	*256.19*	
23 21 13 23-1521	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,611.09	112.05
		For Galvanized Fittings, Add	*346.34*	
23 21 13 23-1522	EA	14", Steel, Grooved 22-1/2 Degree Elbow	1,856.47	126.47
		For Galvanized Fittings, Add	*400.03*	
23 21 13 23-1523	EA	16", Steel, Grooved 22-1/2 Degree Elbow	2,209.08	140.02
		For Galvanized Fittings, Add	*479.79*	
23 21 13 23-1524	EA	18", Steel, Grooved 22-1/2 Degree Elbow	2,650.40	152.98
		For Galvanized Fittings, Add	*581.06*	
23 21 13 23-1525	EA	20", Steel, Grooved 22-1/2 Degree Elbow	3,100.93	159.08
		For Galvanized Fittings, Add	*686.97*	
23 21 13 23-1526	EA	24", Steel, Grooved 22-1/2 Degree Elbow	4,128.34	188.11
		For Galvanized Fittings, Add	*923.14*	

23 21 13 23-1527 11-1/4 Degree Grooved Elbows *(23 21 13 23-1470)*

Note: Victaulic No. 13

23 21 13 23-1528	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	82.69	10.55
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1529	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	86.64	13.16
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1530	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	90.83	15.97
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1531	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	98.51	21.09
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1532	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	105.40	25.74
		For Galvanized Fittings, Add	*16.05*	
23 21 13 23-1533	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	144.52	31.16
		For Galvanized Fittings, Add	*23.48*	
23 21 13 23-1534	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	192.80	41.12
		For Galvanized Fittings, Add	*31.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1535	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	483.80	51.38
		For Galvanized Fittings, Add	*97.62*	
23 21 13 23-1536	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	472.38	67.25
		For Galvanized Fittings, Add	*89.18*	
23 21 13 23-1537	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	897.48	80.03
		For Galvanized Fittings, Add	*186.60*	
23 21 13 23-1538	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,207.38	93.37
		For Galvanized Fittings, Add	*256.17*	
23 21 13 23-1539	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,611.02	112.05
		For Galvanized Fittings, Add	*346.32*	
23 21 13 23-1540	EA	14", Steel, Grooved 11-1/4 Degree Elbow	1,856.38	126.47
		For Galvanized Fittings, Add	*400.01*	
23 21 13 23-1541	EA	16", Steel, Grooved 11-1/4 Degree Elbow	2,209.01	140.11
		For Galvanized Fittings, Add	*479.76*	
23 21 13 23-1542	EA	18", Steel, Grooved 11-1/4 Degree Elbow	2,650.24	152.98
		For Galvanized Fittings, Add	*581.03*	
23 21 13 23-1543	EA	20", Steel, Grooved 11-1/4 Degree Elbow	3,100.77	159.08
		For Galvanized Fittings, Add	*686.93*	
23 21 13 23-1544	EA	24", Steel, Grooved 11-1/4 Degree Elbow	4,128.12	188.11
		For Galvanized Fittings, Add	*923.08*	

23 21 13 23-1545 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1470)*

Note: Victaulic No. 100

23 21 13 23-1546	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	175.20	21.09
		For Galvanized Fittings, Add	*34.46*	
23 21 13 23-1547	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	455.09	25.74
		For Galvanized Fittings, Add	*99.98*	
23 21 13 23-1548	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	190.27	31.16
		For Galvanized Fittings, Add	*34.46*	
23 21 13 23-1549	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	276.70	41.12
		For Galvanized Fittings, Add	*51.61*	
23 21 13 23-1550	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,179.35	51.38
		For Galvanized Fittings, Add	*264.55*	
23 21 13 23-1551	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	729.92	67.25
		For Galvanized Fittings, Add	*150.99*	
23 21 13 23-1552	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,629.08	80.03
		For Galvanized Fittings, Add	*362.18*	
23 21 13 23-1553	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,268.94	93.37
		For Galvanized Fittings, Add	*750.95*	
23 21 13 23-1554	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,899.28	112.05
		For Galvanized Fittings, Add	*895.51*	

23 21 13 23-1555 Grooved Tees, Wyes And Crosses *(23 21 13 23-1469)*

23 21 13 23-1556 Grooved Tees *(23 21 13 23-1555)*

Note: Victaulic No. 20

23 21 13 23-1557	EA	3/4", Ductile Iron, Grooved Tee	116.77	13.84
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1558	EA	1", Ductile Iron, Grooved Tee	119.91	15.97
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1559	EA	1-1/4", Ductile Iron, Grooved Tee	125.24	19.55
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1560	EA	1-1/2", Ductile Iron, Grooved Tee	131.89	23.99
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1561	EA	2", Ductile Iron, Grooved Tee	142.47	31.06
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1562	EA	2-1/2", Ductile Iron, Grooved Tee	153.03	38.03
		For Galvanized Fittings, Add	*28.79*	
23 21 13 23-1563	EA	3", Ductile Iron, Grooved Tee	204.45	46.74
		For Galvanized Fittings, Add	*40.33*	
23 21 13 23-1564	EA	4", Ductile Iron, Grooved Tee	296.83	60.48
		For Galvanized Fittings, Add	*61.86*	
23 21 13 23-1565	EA	5", Ductile Iron, Grooved Tee	602.29	79.06
		For Galvanized Fittings, Add	*145.13*	
23 21 13 23-1566	EA	6", Ductile Iron, Grooved Tee	707.33	98.90
		For Galvanized Fittings, Add	*167.73*	
23 21 13 23-1567	EA	8", Ductile Iron, Grooved Tee	1,401.27	120.09
		For Galvanized Fittings, Add	*366.38*	
23 21 13 23-1568	EA	10", Ductile Iron, Grooved Tee	2,390.86	140.02
		For Galvanized Fittings, Add	*654.26*	
23 21 13 23-1569	EA	12", Ductile Iron, Grooved Tee	3,305.20	168.08
		For Galvanized Fittings, Add	*915.96*	
23 21 13 23-1570	EA	14", Steel, Grooved Tee	3,610.77	186.76
		For Galvanized Fittings, Add	*999.23*	
23 21 13 23-1571	EA	16", Steel, Grooved Tee	4,524.35	187.81
		For Galvanized Fittings, Add	*1,272.83*	
23 21 13 23-1572	EA	18", Steel, Grooved Tee	5,623.96	207.17
		For Galvanized Fittings, Add	*1,594.01*	
23 21 13 23-1573	EA	20", Steel, Grooved Tee	7,928.67	210.46
		For Galvanized Fittings, Add	*2,283.96*	
23 21 13 23-1574	EA	24", Steel, Grooved Tee	12,085.05	258.56
		For Galvanized Fittings, Add	*3,509.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1575		Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1555)* Note: Victaulic No. 33		
23 21 13 23-1576	EA	1", Steel, Grooved Wye	428.82	15.97
		For Galvanized Fittings, Add	*64.78*	
23 21 13 23-1577	EA	1-1/4", Steel, Grooved Wye	434.15	19.55
		For Galvanized Fittings, Add	*64.78*	
23 21 13 23-1578	EA	1-1/2", Steel, Grooved Wye	440.80	23.99
		For Galvanized Fittings, Add	*64.78*	
23 21 13 23-1579	EA	2", Steel, Grooved Wye	451.38	31.06
		For Galvanized Fittings, Add	*64.78*	
23 21 13 23-1580	EA	2-1/2", Steel, Grooved Wye	461.94	38.03
		For Galvanized Fittings, Add	*64.78*	
23 21 13 23-1581	EA	3", Steel, Grooved Wye	554.00	46.74
		For Galvanized Fittings, Add	*77.44*	
23 21 13 23-1582	EA	4", Steel, Grooved Wye	724.54	60.48
		For Galvanized Fittings, Add	*101.42*	
23 21 13 23-1583	EA	5", Steel, Grooved Wye	1,027.15	79.06
		For Galvanized Fittings, Add	*145.38*	
23 21 13 23-1584	EA	6", Steel, Grooved Wye	1,272.45	98.90
		For Galvanized Fittings, Add	*179.88*	
23 21 13 23-1585	EA	8", Steel, Grooved Wye	1,799.17	120.09
		For Galvanized Fittings, Add	*259.07*	
23 21 13 23-1586	EA	10", Steel, Grooved Wye	3,004.67	140.02
		For Galvanized Fittings, Add	*447.15*	
23 21 13 23-1587	EA	12", Steel, Grooved Wye	3,339.46	168.08
		For Galvanized Fittings, Add	*494.00*	
23 21 13 23-1588	EA	14", Steel, Grooved Wye	3,805.54	186.76
		For Galvanized Fittings, Add	*564.09*	
23 21 13 23-1589	EA	16", Steel, Grooved Wye	4,860.53	187.62
		For Galvanized Fittings, Add	*732.68*	
23 21 13 23-1590	EA	18", Steel, Grooved Wye	5,549.03	207.36
		For Galvanized Fittings, Add	*838.09*	
23 21 13 23-1591	EA	20", Steel, Grooved Wye	7,912.01	210.07
		For Galvanized Fittings, Add	*1,215.52*	
23 21 13 23-1592	EA	24", Steel, Grooved Wye	12,198.93	258.56
		For Galvanized Fittings, Add	*1,889.80*	
23 21 13 23-1593		Grooved Crosses *(23 21 13 23-1555)* Note: Victaulic No. 35		
23 21 13 23-1594	EA	3/4", Steel, Grooved Cross	293.33	20.81
		For Galvanized Fittings, Add	*39.32*	
23 21 13 23-1595	EA	1", Steel, Grooved Cross	298.06	23.99
		For Galvanized Fittings, Add	*39.32*	
23 21 13 23-1596	EA	1-1/4", Steel, Grooved Cross	360.29	29.32
		For Galvanized Fittings, Add	*47.46*	
23 21 13 23-1597	EA	1-1/2", Steel, Grooved Cross	394.80	36.00
		For Galvanized Fittings, Add	*51.14*	
23 21 13 23-1598	EA	2", Steel, Grooved Cross	262.41	46.55
		For Galvanized Fittings, Add	*28.90*	
23 21 13 23-1599	EA	2-1/2", Steel, Grooved Cross	278.26	57.09
		For Galvanized Fittings, Add	*28.90*	
23 21 13 23-1600	EA	3", Steel, Grooved Cross	451.25	70.06
		For Galvanized Fittings, Add	*51.93*	
23 21 13 23-1601	EA	4", Steel, Grooved Cross	712.24	90.67
		For Galvanized Fittings, Add	*86.44*	
23 21 13 23-1602	EA	5", Steel, Grooved Cross	1,355.08	118.54
		For Galvanized Fittings, Add	*176.60*	
23 21 13 23-1603	EA	6", Steel, Grooved Cross	1,737.05	148.34
		For Galvanized Fittings, Add	*227.21*	
23 21 13 23-1604	EA	8", Steel, Grooved Cross	2,264.86	180.08
		For Galvanized Fittings, Add	*299.23*	
23 21 13 23-1605	EA	10", Steel, Grooved Cross	3,717.35	210.07
		For Galvanized Fittings, Add	*510.35*	
23 21 13 23-1606	EA	12", Steel, Grooved Cross	5,287.87	252.16
		For Galvanized Fittings, Add	*736.48*	
23 21 13 23-1607	EA	14", Steel, Grooved Cross	5,506.87	280.13
		For Galvanized Fittings, Add	*763.03*	
23 21 13 23-1608	EA	16", Steel, Grooved Cross	7,076.88	281.77
		For Galvanized Fittings, Add	*998.17*	
23 21 13 23-1609	EA	18", Steel, Grooved Cross	8,622.65	310.71
		For Galvanized Fittings, Add	*1,223.52*	
23 21 13 23-1610	EA	20", Steel, Grooved Cross	12,029.02	315.55
		For Galvanized Fittings, Add	*1,733.38*	
23 21 13 23-1611	EA	24", Steel, Grooved Cross	18,421.25	387.83
		For Galvanized Fittings, Add	*2,675.96*	
23 21 13 23-1612		Grooved Reducing Tees *(23 21 13 23-1555)* Note: Victaulic No. 25		
23 21 13 23-1613	EA	1", Steel, Grooved Reducing Tee	209.10	15.97
		For Galvanized Fittings, Add	*37.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1614	EA	1-1/4", Steel, Grooved Reducing Tee	220.24	19.55
		For Galvanized Fittings, Add	*38.19*	
23 21 13 23-1615	EA	1-1/2", Steel, Grooved Reducing Tee	231.65	23.99
		For Galvanized Fittings, Add	*39.14*	
23 21 13 23-1616	EA	2", Steel, Grooved Reducing Tee	275.65	31.06
		For Galvanized Fittings, Add	*45.83*	
23 21 13 23-1617	EA	2-1/2", Steel, Grooved Reducing Tee	309.79	38.03
		For Galvanized Fittings, Add	*50.54*	
23 21 13 23-1618	EA	3", Steel, Grooved Reducing Tee	346.64	46.74
		For Galvanized Fittings, Add	*55.32*	
23 21 13 23-1619	EA	4", Steel, Grooved Reducing Tee	463.69	60.48
		For Galvanized Fittings, Add	*74.61*	
23 21 13 23-1620	EA	5", Steel, Grooved Reducing Tee	611.11	79.06
		For Galvanized Fittings, Add	*98.52*	
23 21 13 23-1621	EA	6", Steel, Grooved Reducing Tee	841.17	98.90
		For Galvanized Fittings, Add	*136.59*	
23 21 13 23-1622	EA	8", Steel, Grooved Reducing Tee	1,323.34	120.09
		For Galvanized Fittings, Add	*228.67*	
23 21 13 23-1623	EA	10", Steel, Grooved Reducing Tee	1,895.53	140.02
		For Galvanized Fittings, Add	*337.11*	
23 21 13 23-1624	EA	12", Steel, Grooved Reducing Tee	2,738.44	168.08
		For Galvanized Fittings, Add	*497.29*	
23 21 13 23-1625	EA	14", Steel, Grooved Reducing Tee	3,104.06	186.76
		For Galvanized Fittings, Add	*564.81*	
23 21 13 23-1626	EA	16", Steel, Grooved Reducing Tee	3,950.02	187.81
		For Galvanized Fittings, Add	*733.68*	
23 21 13 23-1627	EA	18", Steel, Grooved Reducing Tee	4,801.58	207.17
		For Galvanized Fittings, Add	*898.21*	
23 21 13 23-1628	EA	20", Steel, Grooved Reducing Tee	6,738.40	210.37
		For Galvanized Fittings, Add	*1,284.60*	
23 21 13 23-1629	EA	24", Steel, Grooved Reducing Tee	10,733.81	258.56
		For Galvanized Fittings, Add	*2,069.23*	

23 21 13 23-1630 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1555)*

Note: Victaulic No. 30

23 21 13 23-1631	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	404.23	13.84
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1632	EA	1", Steel, Grooved, 45 Degree Lateral Wye	407.37	15.97
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1633	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	412.70	19.55
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1634	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	419.35	23.99
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1635	EA	2", Steel, Grooved, 45 Degree Lateral Wye	429.93	31.06
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1636	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	440.49	38.03
		For Galvanized Fittings, Add	*69.02*	
23 21 13 23-1637	EA	3", Steel, Grooved, 45 Degree Lateral Wye	401.27	46.74
		For Galvanized Fittings, Add	*59.62*	
23 21 13 23-1638	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	641.94	53.89
		For Galvanized Fittings, Add	*101.02*	
23 21 13 23-1639	EA	4", Steel, Grooved, 45 Degree Lateral Wye	743.89	60.48
		For Galvanized Fittings, Add	*117.59*	
23 21 13 23-1640	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,073.24	79.06
		For Galvanized Fittings, Add	*171.85*	
23 21 13 23-1641	EA	6", Steel, Grooved, 45 Degree Lateral Wye	1,686.42	98.90
		For Galvanized Fittings, Add	*276.87*	
23 21 13 23-1642	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,395.56	120.09
		For Galvanized Fittings, Add	*398.80*	
23 21 13 23-1643	EA	10", Steel, Grooved, 45 Degree Lateral Wye	3,337.21	140.02
		For Galvanized Fittings, Add	*562.90*	
23 21 13 23-1644	EA	12", Steel, Grooved, 45 Degree Lateral Wye	4,032.95	168.08
		For Galvanized Fittings, Add	*680.57*	
23 21 13 23-1645	EA	14", Steel, Grooved, 45 Degree Lateral Wye	5,798.54	186.76
		For Galvanized Fittings, Add	*993.34*	
23 21 13 23-1646	EA	16", Steel, Grooved, 45 Degree Lateral Wye	7,175.77	187.81
		For Galvanized Fittings, Add	*1,240.95*	
23 21 13 23-1647	EA	18", Steel, Grooved, 45 Degree Lateral Wye	8,017.36	207.17
		For Galvanized Fittings, Add	*1,387.23*	
23 21 13 23-1648	EA	20", Steel, Grooved, 45 Degree Lateral Wye	12,005.36	210.37
		For Galvanized Fittings, Add	*2,104.19*	
23 21 13 23-1649	EA	24", Steel, Grooved, 45 Degree Lateral Wye	18,553.02	258.56
		For Galvanized Fittings, Add	*3,269.76*	

23 21 13 23-1650 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1555)*

Note: Victaulic No. 30R

23 21 13 23-1651	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	401.27	46.74
		For Galvanized Fittings, Add	*43.06*	
23 21 13 23-1652	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	743.89	60.48
		For Galvanized Fittings, Add	*84.92*	
23 21 13 23-1653	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,073.24	79.06
		For Galvanized Fittings, Add	*124.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1654	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,381.71	98.90
		For Galvanized Fittings, Add	*160.35*	
23 21 13 23-1655	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	1,960.63	120.09
		For Galvanized Fittings, Add	*231.48*	
23 21 13 23-1656	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,390.77	140.02
		For Galvanized Fittings, Add	*283.50*	
23 21 13 23-1657	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	2,902.18	168.08
		For Galvanized Fittings, Add	*344.52*	
23 21 13 23-1658	EA	14", Steel, Grooved 45 Degree Lateral Reducing Wye	3,248.87	186.76
		For Galvanized Fittings, Add	*385.95*	
23 21 13 23-1659	EA	16", Steel, Grooved 45 Degree Lateral Reducing Wye	4,119.16	187.81
		For Galvanized Fittings, Add	*498.88*	
23 21 13 23-1660	EA	18", Steel, Grooved 45 Degree Lateral Reducing Wye	6,203.08	207.17
		For Galvanized Fittings, Add	*766.03*	
23 21 13 23-1661	EA	20", Steel, Grooved 45 Degree Lateral Reducing Wye	8,940.54	210.37
		For Galvanized Fittings, Add	*1,121.27*	
23 21 13 23-1662	EA	24", Steel, Grooved 45 Degree Lateral Reducing Wye	14,352.13	258.56
		For Galvanized Fittings, Add	*1,815.38*	

23 21 13 23-1663 Mechanical-T Outlet *(23 21 13 23-1555)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1664	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	133.43	34.83
		For Galvanized Fittings, Add	*15.81*	
23 21 13 23-1665	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	133.43	34.83
		For Galvanized Fittings, Add	*15.81*	
23 21 13 23-1666	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	143.39	34.83
		For Galvanized Fittings, Add	*18.28*	
23 21 13 23-1667	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	143.39	34.83
23 21 13 23-1668	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	142.14	39.19
23 21 13 23-1669	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	142.14	39.19
23 21 13 23-1670	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	168.42	39.19
23 21 13 23-1671	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	160.52	43.54
23 21 13 23-1672	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	160.52	43.54
23 21 13 23-1673	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	181.67	43.54
23 21 13 23-1674	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	181.67	43.54
23 21 13 23-1675	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	196.16	43.54
23 21 13 23-1676	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	209.74	58.06
23 21 13 23-1677	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	209.74	58.06
23 21 13 23-1678	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	226.26	58.06
23 21 13 23-1679	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	230.90	58.06
23 21 13 23-1680	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	230.90	58.06
23 21 13 23-1681	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	235.53	58.06
23 21 13 23-1682	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	244.42	58.06
23 21 13 23-1683	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	300.62	79.83
23 21 13 23-1684	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	300.62	79.83
23 21 13 23-1685	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	308.64	79.83
23 21 13 23-1686	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	318.68	79.83
23 21 13 23-1687	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	347.45	101.60
23 21 13 23-1688	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	347.45	101.60
23 21 13 23-1689	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	359.24	101.60
23 21 13 23-1690	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	369.19	101.60
23 21 13 23-1691	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	386.87	101.60
23 21 13 23-1692	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	524.25	134.50
23 21 13 23-1693	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	524.25	134.50
23 21 13 23-1694	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	538.45	134.50
23 21 13 23-1695	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	546.86	134.50

23 21 13 23-1696 Installation-Ready™ Grooved Fittings *(23 21 13 23-1469)*

23 21 13 23-1697 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1696)*

Note: Victaulic No. 101

23 21 13 23-1698	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	243.90	9.58
		For Galvanized Fittings, Add	*75.70*	
		For Galvanized Fittings, Add	*58.72*	
23 21 13 23-1699	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	253.54	11.49
		For Galvanized Fittings, Add	*77.92*	
		For Galvanized Fittings, Add	*60.45*	
23 21 13 23-1700	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	261.04	15.32
		For Galvanized Fittings, Add	*78.48*	
		For Galvanized Fittings, Add	*60.88*	
23 21 13 23-1701	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	315.75	19.15
		For Galvanized Fittings, Add	*94.62*	
		For Galvanized Fittings, Add	*73.40*	

23 21 13 23-1702 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1696)*

Note: Victaulic No. 103

23 21 13 23-1703	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	243.90	9.58
		For Galvanized Fittings, Add	*55.05*	
		For Galvanized Fittings, Add	*58.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1704	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	253.54	11.49
		For Galvanized Fittings, Add	*56.67*	
		For Galvanized Fittings, Add	*60.45*	
23 21 13 23-1705	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	261.04	15.32
		For Galvanized Fittings, Add	*57.07*	
		For Galvanized Fittings, Add	*60.88*	
23 21 13 23-1706	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	315.75	19.15
		For Galvanized Fittings, Add	*68.81*	
		For Galvanized Fittings, Add	*73.40*	
23 21 13 23-1707		**Installation-Ready™ Grooved Tees** *(23 21 13 23-1696)*		
		Note: Victaulic No. 102		
23 21 13 23-1708	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	373.55	12.77
		For Galvanized Fittings, Add	*106.26*	
		For Galvanized Fittings, Add	*90.67*	
23 21 13 23-1709	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	389.22	15.32
		For Galvanized Fittings, Add	*109.80*	
		For Galvanized Fittings, Add	*93.69*	
23 21 13 23-1710	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	402.01	20.43
		For Galvanized Fittings, Add	*111.32*	
		For Galvanized Fittings, Add	*94.99*	
23 21 13 23-1711	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	467.10	25.55
		For Galvanized Fittings, Add	*128.52*	
		For Galvanized Fittings, Add	*109.67*	
23 21 13 23-1712		**Grooved Fittings** *(23 21 13 23-1469)*		
23 21 13 23-1713		**Flanged Adapter Nipple, Grooved** *(23 21 13 23-1712)*		
		Note: Victaulic No. 41 and 45		
23 21 13 23-1714	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	287.25	11.61
		For Galvanized Fittings, Add	*48.57*	
		For 300 LB Rating, Add	*40.47*	
23 21 13 23-1715	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	289.19	12.87
		For Galvanized Fittings, Add	*48.57*	
		For 300 LB Rating, Add	*40.47*	
23 21 13 23-1716	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	294.03	16.16
		For Galvanized Fittings, Add	*48.57*	
		For 300 LB Rating, Add	*40.47*	
23 21 13 23-1717	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	304.20	22.93
		For Galvanized Fittings, Add	*48.57*	
		For 300 LB Rating, Add	*40.47*	
23 21 13 23-1718	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	311.48	27.77
		For Galvanized Fittings, Add	*48.57*	
		For 300 LB Rating, Add	*40.47*	
23 21 13 23-1719	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	394.97	33.19
		For Galvanized Fittings, Add	*62.15*	
		For 300 LB Rating, Add	*51.79*	
23 21 13 23-1720	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	478.76	44.70
		For Galvanized Fittings, Add	*74.12*	
		For 300 LB Rating, Add	*61.77*	
23 21 13 23-1721	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	669.48	54.09
		For Galvanized Fittings, Add	*105.91*	
		For 300 LB Rating, Add	*88.26*	
23 21 13 23-1722	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	780.88	73.06
		For Galvanized Fittings, Add	*120.84*	
		For 300 LB Rating, Add	*100.70*	
23 21 13 23-1723	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,074.88	98.90
		For Galvanized Fittings, Add	*166.80*	
		For 300 LB Rating, Add	*139.00*	
23 21 13 23-1724	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,692.14	120.09
		For Galvanized Fittings, Add	*272.19*	
		For 300 LB Rating, Add	*226.82*	
23 21 13 23-1725	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,277.57	140.02
		For Galvanized Fittings, Add	*372.16*	
		For 300 LB Rating, Add	*310.14*	
23 21 13 23-1726	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,690.23	168.08
		For Galvanized Fittings, Add	*438.88*	
		For 300 LB Rating, Add	*365.74*	
23 21 13 23-1727	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,034.93	186.76
		For Galvanized Fittings, Add	*675.89*	
		For 300 LB Rating, Add	*563.24*	
23 21 13 23-1728	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,830.46	280.13
		For Galvanized Fittings, Add	*793.89*	
		For 300 LB Rating, Add	*661.57*	
23 21 13 23-1729	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,101.12	336.16
		For Galvanized Fittings, Add	*827.49*	
		For 300 LB Rating, Add	*689.57*	
23 21 13 23-1730	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	8,490.63	373.51
		For Galvanized Fittings, Add	*1,427.52*	
		For 300 LB Rating, Add	*1,189.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1731		**Grooved Concentric Reducers** *(23 21 13 23-1712)* Note: Victaulic No. 50		
23 21 13 23-1732	EA	1-1/4" x 3/4", Grooved Concentric Reducer	305.22	11.61
		For Galvanized Fittings, Add	*12.66*	
23 21 13 23-1733	EA	1-1/4" x 1", Grooved Concentric Reducer	319.17	12.29
		For Galvanized Fittings, Add	*13.23*	
23 21 13 23-1734	EA	1-1/2" x 3/4", Grooved Concentric Reducer	359.54	13.26
		For Galvanized Fittings, Add	*40.83*	
23 21 13 23-1735	EA	1-1/2" x 1", Grooved Concentric Reducer	93.55	13.84
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1736	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	303.34	14.52
		For Galvanized Fittings, Add	*33.84*	
23 21 13 23-1737	EA	2" x 3/4", Grooved Concentric Reducer	96.45	15.78
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1738	EA	2" x 1", Grooved Concentric Reducer	97.42	16.45
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1739	EA	2" x 1-1/4", Grooved Concentric Reducer	105.70	17.13
		For Galvanized Fittings, Add	*9.62*	
23 21 13 23-1740	EA	2" x 1-1/2", Grooved Concentric Reducer	101.34	19.06
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1741	EA	2-1/2" x 3/4", Grooved Concentric Reducer	618.74	17.80
		For Galvanized Fittings, Add	*71.16*	
23 21 13 23-1742	EA	2-1/2" x 1", Grooved Concentric Reducer	492.07	18.48
		For Galvanized Fittings, Add	*55.82*	
23 21 13 23-1743	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	449.02	19.06
		For Galvanized Fittings, Add	*50.53*	
23 21 13 23-1744	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	104.18	21.00
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1745	EA	2-1/2" x 2", Grooved Concentric Reducer	108.05	23.51
		For Galvanized Fittings, Add	*8.74*	
23 21 13 23-1746	EA	3" x 3/4", Grooved Concentric Reducer	626.90	20.71
		For Galvanized Fittings, Add	*90.58*	
23 21 13 23-1747	EA	3" x 1", Grooved Concentric Reducer	112.23	21.29
		For Galvanized Fittings, Add	*12.21*	
23 21 13 23-1748	EA	3" x 1-1/4", Grooved Concentric Reducer	494.41	21.97
		For Galvanized Fittings, Add	*70.15*	
23 21 13 23-1749	EA	3" x 1-1/2", Grooved Concentric Reducer	464.18	23.51
		For Galvanized Fittings, Add	*65.19*	
23 21 13 23-1750	EA	3" x 2", Grooved Concentric Reducer	103.00	26.13
		For Galvanized Fittings, Add	*9.70*	
23 21 13 23-1751	EA	3" x 2-1/2", Grooved Concentric Reducer	134.63	31.16
		For Galvanized Fittings, Add	*13.37*	
23 21 13 23-1752	EA	3-1/2" x 3", Grooved Concentric Reducer	144.01	33.58
		For Galvanized Fittings, Add	*14.24*	
23 21 13 23-1753	EA	4" x 1", Grooved Concentric Reducer	136.26	26.41
		For Galvanized Fittings, Add	*16.56*	
23 21 13 23-1754	EA	4" x 1-1/4", Grooved Concentric Reducer	804.13	27.10
		For Galvanized Fittings, Add	*130.94*	
23 21 13 23-1755	EA	4" x 1-1/2", Grooved Concentric Reducer	626.75	28.74
		For Galvanized Fittings, Add	*100.10*	
23 21 13 23-1756	EA	4" x 2", Grooved Concentric Reducer	131.89	31.35
		For Galvanized Fittings, Add	*14.57*	
23 21 13 23-1757	EA	4" x 2-1/2", Grooved Concentric Reducer	156.80	33.58
		For Galvanized Fittings, Add	*18.26*	
23 21 13 23-1758	EA	4" x 3", Grooved Concentric Reducer	160.66	36.19
		For Galvanized Fittings, Add	*18.26*	
23 21 13 23-1759	EA	4" x 3-1/2", Grooved Concentric Reducer	164.54	38.70
		For Galvanized Fittings, Add	*18.26*	
23 21 13 23-1760	EA	5" x 2", Grooved Concentric Reducer	1,129.12	36.48
		For Galvanized Fittings, Add	*184.27*	
23 21 13 23-1761	EA	5" x 2-1/2", Grooved Concentric Reducer	891.70	38.70
		For Galvanized Fittings, Add	*142.97*	
23 21 13 23-1762	EA	5" x 3", Grooved Concentric Reducer	186.57	41.31
		For Galvanized Fittings, Add	*21.38*	
23 21 13 23-1763	EA	5" x 4", Grooved Concentric Reducer	218.52	46.44
		For Galvanized Fittings, Add	*25.53*	
23 21 13 23-1764	EA	6" x 1", Grooved Concentric Reducer	257.00	39.39
		For Galvanized Fittings, Add	*36.94*	
23 21 13 23-1765	EA	6" x 1-1/2", Grooved Concentric Reducer	1,192.10	41.61
		For Galvanized Fittings, Add	*210.80*	
23 21 13 23-1766	EA	6" x 2", Grooved Concentric Reducer	264.23	44.22
		For Galvanized Fittings, Add	*36.94*	
23 21 13 23-1767	EA	6" x 2-1/2", Grooved Concentric Reducer	1,205.80	46.44
		For Galvanized Fittings, Add	*212.00*	
23 21 13 23-1768	EA	6" x 3", Grooved Concentric Reducer	271.51	49.06
		For Galvanized Fittings, Add	*36.94*	
23 21 13 23-1769	EA	6" x 4", Grooved Concentric Reducer	253.68	54.19
		For Galvanized Fittings, Add	*32.17*	
23 21 13 23-1770	EA	6" x 5", Grooved Concentric Reducer	344.08	59.41
		For Galvanized Fittings, Add	*47.59*	
23 21 13 23-1771	EA	8" x 3", Grooved Concentric Reducer	436.95	55.54
		For Galvanized Fittings, Add	*66.01*	
23 21 13 23-1772	EA	8" x 4", Grooved Concentric Reducer	444.67	60.67
		For Galvanized Fittings, Add	*66.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1773	EA	8" x 5", Grooved Concentric Reducer	452.43	65.80
		For Galvanized Fittings, Add	*66.01*	
23 21 13 23-1774	EA	8" x 6", Grooved Concentric Reducer	561.38	73.54
		For Galvanized Fittings, Add	*84.17*	
23 21 13 23-1775	EA	10" x 4", Grooved Concentric Reducer	943.32	67.44
		For Galvanized Fittings, Add	*157.15*	
23 21 13 23-1776	EA	10" x 5", Grooved Concentric Reducer	1,965.33	72.58
		For Galvanized Fittings, Add	*346.42*	
23 21 13 23-1777	EA	10" x 6", Grooved Concentric Reducer	1,041.45	80.32
		For Galvanized Fittings, Add	*171.85*	
23 21 13 23-1778	EA	10" x 8", Grooved Concentric Reducer	1,051.11	86.80
		For Galvanized Fittings, Add	*171.85*	
23 21 13 23-1779	EA	12" x 4", Grooved Concentric Reducer	2,903.05	76.83
		For Galvanized Fittings, Add	*418.19*	
23 21 13 23-1780	EA	12" x 6", Grooved Concentric Reducer	1,232.92	89.70
		For Galvanized Fittings, Add	*164.77*	
23 21 13 23-1781	EA	12" x 8", Grooved Concentric Reducer	1,794.21	96.19
		For Galvanized Fittings, Add	*247.51*	
23 21 13 23-1782	EA	12" x 10", Grooved Concentric Reducer	1,804.43	102.96
		For Galvanized Fittings, Add	*247.51*	
23 21 13 23-1783	EA	14" x 6", Grooved Concentric Reducer	5,743.54	96.67
		For Galvanized Fittings, Add	*171.88*	
23 21 13 23-1784	EA	14" x 8", Grooved Concentric Reducer	3,440.84	103.15
		For Galvanized Fittings, Add	*100.89*	
23 21 13 23-1785	EA	14" x 10", Grooved Concentric Reducer	2,939.44	109.93
		For Galvanized Fittings, Add	*85.18*	
23 21 13 23-1786	EA	14" x 12", Grooved Concentric Reducer	2,953.44	119.21
		For Galvanized Fittings, Add	*85.18*	
23 21 13 23-1787	EA	16" x 8", Grooved Concentric Reducer	5,228.17	110.02
		For Galvanized Fittings, Add	*155.44*	
23 21 13 23-1788	EA	16" x 10", Grooved Concentric Reducer	4,856.35	116.79
		For Galvanized Fittings, Add	*143.71*	
23 21 13 23-1789	EA	16" x 12", Grooved Concentric Reducer	4,495.93	126.18
		For Galvanized Fittings, Add	*132.22*	
23 21 13 23-1790	EA	16" x 14", Grooved Concentric Reducer	4,506.39	133.14
		For Galvanized Fittings, Add	*132.22*	
23 21 13 23-1791	EA	18" x 10", Grooved Concentric Reducer	6,794.99	123.27
		For Galvanized Fittings, Add	*202.93*	
23 21 13 23-1792	EA	18" x 12", Grooved Concentric Reducer	6,158.88	132.57
		For Galvanized Fittings, Add	*182.98*	
23 21 13 23-1793	EA	18" x 14", Grooved Concentric Reducer	5,604.92	139.54
		For Galvanized Fittings, Add	*165.65*	
23 21 13 23-1794	EA	18" x 16", Grooved Concentric Reducer	5,615.37	146.59
		For Galvanized Fittings, Add	*165.65*	
23 21 13 23-1795	EA	20" x 10", Grooved Concentric Reducer	7,476.20	126.47
		For Galvanized Fittings, Add	*223.70*	
23 21 13 23-1796	EA	20" x 12", Grooved Concentric Reducer	6,415.99	135.86
		For Galvanized Fittings, Add	*190.72*	
23 21 13 23-1797	EA	20" x 14", Grooved Concentric Reducer	6,426.44	142.82
		For Galvanized Fittings, Add	*190.72*	
23 21 13 23-1798	EA	20" x 16", Grooved Concentric Reducer	5,735.85	149.70
		For Galvanized Fittings, Add	*169.20*	
23 21 13 23-1799	EA	20" x 18", Grooved Concentric Reducer	6,111.45	156.18
		For Galvanized Fittings, Add	*180.43*	
23 21 13 23-1800	EA	24" x 10", Grooved Concentric Reducer	16,448.10	140.69
		For Galvanized Fittings, Add	*498.48*	
23 21 13 23-1801	EA	24" x 12", Grooved Concentric Reducer	16,070.07	150.08
		For Galvanized Fittings, Add	*486.44*	
23 21 13 23-1802	EA	24" x 14", Grooved Concentric Reducer	14,011.42	156.96
		For Galvanized Fittings, Add	*422.93*	
23 21 13 23-1803	EA	24" x 16", Grooved Concentric Reducer	14,021.94	164.01
		For Galvanized Fittings, Add	*422.93*	
23 21 13 23-1804	EA	24" x 18", Grooved Concentric Reducer	12,014.13	170.40
		For Galvanized Fittings, Add	*360.99*	
23 21 13 23-1805	EA	24" x 20", Grooved Concentric Reducer	10,977.50	173.69
		For Galvanized Fittings, Add	*329.01*	

23 21 13 23-1806 Grooved Eccentric Reducers *(23 21 13 23-1712)*

Note: Victaulic No. 51

23 21 13 23-1807	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	371.26	13.26
		For Galvanized Fittings, Add	*42.24*	
23 21 13 23-1808	EA	1-1/2" x 1", Grooved Eccentric Reducer	338.02	13.84
		For Galvanized Fittings, Add	*38.13*	
23 21 13 23-1809	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	332.07	14.52
		For Galvanized Fittings, Add	*37.30*	
23 21 13 23-1810	EA	2" x 3/4", Grooved Eccentric Reducer	706.56	15.78
		For Galvanized Fittings, Add	*82.08*	
23 21 13 23-1811	EA	2" x 1", Grooved Eccentric Reducer	374.95	16.45
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-1812	EA	2" x 1-1/4", Grooved Eccentric Reducer	409.65	17.13
		For Galvanized Fittings, Add	*46.16*	
23 21 13 23-1813	EA	2" x 1-1/2", Grooved Eccentric Reducer	350.04	19.06
		For Galvanized Fittings, Add	*38.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1814	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	918.08	17.80
		For Galvanized Fittings, Add	*107.14*	
23 21 13 23-1815	EA	2-1/2" x 1", Grooved Eccentric Reducer	858.09	18.48
		For Galvanized Fittings, Add	*99.82*	
23 21 13 23-1816	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	510.90	19.06
		For Galvanized Fittings, Add	*57.97*	
23 21 13 23-1817	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	413.61	21.00
		For Galvanized Fittings, Add	*45.94*	
23 21 13 23-1818	EA	2-1/2" x 2", Grooved Eccentric Reducer	189.25	23.51
		For Galvanized Fittings, Add	*18.50*	
23 21 13 23-1819	EA	3" x 1", Grooved Eccentric Reducer	922.69	21.29
		For Galvanized Fittings, Add	*107.07*	
23 21 13 23-1820	EA	3" x 1-1/4", Grooved Eccentric Reducer	839.30	21.97
		For Galvanized Fittings, Add	*96.93*	
23 21 13 23-1821	EA	3" x 1-1/2", Grooved Eccentric Reducer	477.35	23.51
		For Galvanized Fittings, Add	*53.13*	
23 21 13 23-1822	EA	3" x 2", Grooved Eccentric Reducer	216.10	26.13
		For Galvanized Fittings, Add	*21.26*	
23 21 13 23-1823	EA	3" x 2-1/2", Grooved Eccentric Reducer	223.61	31.16
		For Galvanized Fittings, Add	*21.26*	
23 21 13 23-1824	EA	3-1/2" x 3", Grooved Eccentric Reducer	1,029.05	33.58
		For Galvanized Fittings, Add	*117.64*	
23 21 13 23-1825	EA	4" x 1", Grooved Eccentric Reducer	1,845.31	26.41
		For Galvanized Fittings, Add	*309.67*	
23 21 13 23-1826	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,135.10	28.74
		For Galvanized Fittings, Add	*187.28*	
23 21 13 23-1827	EA	4" x 2", Grooved Eccentric Reducer	263.25	31.35
		For Galvanized Fittings, Add	*37.10*	
23 21 13 23-1828	EA	4" x 2-1/2", Grooved Eccentric Reducer	266.64	33.58
		For Galvanized Fittings, Add	*37.10*	
23 21 13 23-1829	EA	4" x 3", Grooved Eccentric Reducer	270.50	36.19
		For Galvanized Fittings, Add	*37.10*	
23 21 13 23-1830	EA	5" x 2", Grooved Eccentric Reducer	1,258.85	36.48
		For Galvanized Fittings, Add	*206.52*	
23 21 13 23-1831	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,083.98	38.70
		For Galvanized Fittings, Add	*175.94*	
23 21 13 23-1832	EA	5" x 3", Grooved Eccentric Reducer	1,052.86	41.31
		For Galvanized Fittings, Add	*169.94*	
23 21 13 23-1833	EA	5" x 4", Grooved Eccentric Reducer	364.30	46.44
		For Galvanized Fittings, Add	*50.53*	
23 21 13 23-1834	EA	6" x 1", Grooved Eccentric Reducer	1,930.97	39.39
		For Galvanized Fittings, Add	*349.30*	
23 21 13 23-1835	EA	6" x 2", Grooved Eccentric Reducer	1,773.40	44.22
		For Galvanized Fittings, Add	*318.55*	
23 21 13 23-1836	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,102.47	46.44
		For Galvanized Fittings, Add	*379.32*	
23 21 13 23-1837	EA	6" x 3", Grooved Eccentric Reducer	465.81	49.06
		For Galvanized Fittings, Add	*73.20*	
23 21 13 23-1838	EA	6" x 4", Grooved Eccentric Reducer	424.64	54.19
		For Galvanized Fittings, Add	*64.07*	
23 21 13 23-1839	EA	6" x 5", Grooved Eccentric Reducer	500.90	59.41
		For Galvanized Fittings, Add	*76.85*	
23 21 13 23-1840	EA	8" x 3", Grooved Eccentric Reducer	2,066.72	55.54
		For Galvanized Fittings, Add	*370.12*	
23 21 13 23-1841	EA	8" x 4", Grooved Eccentric Reducer	1,824.40	60.67
		For Galvanized Fittings, Add	*323.46*	
23 21 13 23-1842	EA	8" x 5", Grooved Eccentric Reducer	1,712.62	65.80
		For Galvanized Fittings, Add	*301.16*	
23 21 13 23-1843	EA	8" x 6", Grooved Eccentric Reducer	806.52	73.54
		For Galvanized Fittings, Add	*129.91*	
23 21 13 23-1844	EA	10" x 4", Grooved Eccentric Reducer	3,282.08	67.44
		For Galvanized Fittings, Add	*593.56*	
23 21 13 23-1845	EA	10" x 5", Grooved Eccentric Reducer	3,105.79	72.58
		For Galvanized Fittings, Add	*559.23*	
23 21 13 23-1846	EA	10" x 6", Grooved Eccentric Reducer	2,380.44	80.32
		For Galvanized Fittings, Add	*421.71*	
23 21 13 23-1847	EA	10" x 8", Grooved Eccentric Reducer	2,042.90	86.80
		For Galvanized Fittings, Add	*356.92*	
23 21 13 23-1848	EA	12" x 4", Grooved Eccentric Reducer	3,349.61	76.83
		For Galvanized Fittings, Add	*488.08*	
23 21 13 23-1849	EA	12" x 6", Grooved Eccentric Reducer	3,153.58	89.70
		For Galvanized Fittings, Add	*455.59*	
23 21 13 23-1850	EA	12" x 8", Grooved Eccentric Reducer	3,086.02	96.19
		For Galvanized Fittings, Add	*443.93*	
23 21 13 23-1851	EA	12" x 10", Grooved Eccentric Reducer	2,789.40	102.96
		For Galvanized Fittings, Add	*397.62*	
23 21 13 23-1852	EA	14" x 6", Grooved Eccentric Reducer	7,762.69	96.67
		For Galvanized Fittings, Add	*233.86*	
23 21 13 23-1853	EA	14" x 8", Grooved Eccentric Reducer	5,024.88	103.15
		For Galvanized Fittings, Add	*149.52*	
23 21 13 23-1854	EA	14" x 10", Grooved Eccentric Reducer	4,800.90	109.93
		For Galvanized Fittings, Add	*142.33*	
23 21 13 23-1855	EA	14" x 12", Grooved Eccentric Reducer	4,814.90	119.21
		For Galvanized Fittings, Add	*142.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1856	EA	16" x 8", Grooved Eccentric Reducer	8,577.85	110.02
		For Galvanized Fittings, Add	*258.27*	
23 21 13 23-1857	EA	16" x 10", Grooved Eccentric Reducer	7,949.27	116.79
		For Galvanized Fittings, Add	*238.66*	
23 21 13 23-1858	EA	16" x 12", Grooved Eccentric Reducer	7,494.00	126.18
		For Galvanized Fittings, Add	*224.26*	
23 21 13 23-1859	EA	16" x 14", Grooved Eccentric Reducer	7,504.46	133.14
		For Galvanized Fittings, Add	*224.26*	
23 21 13 23-1860	EA	18" x 10", Grooved Eccentric Reducer	10,758.34	123.27
		For Galvanized Fittings, Add	*324.61*	
23 21 13 23-1861	EA	18" x 12", Grooved Eccentric Reducer	10,127.32	132.57
		For Galvanized Fittings, Add	*304.81*	
23 21 13 23-1862	EA	18" x 14", Grooved Eccentric Reducer	9,229.82	139.54
		For Galvanized Fittings, Add	*276.93*	
23 21 13 23-1863	EA	18" x 16", Grooved Eccentric Reducer	9,240.27	146.59
		For Galvanized Fittings, Add	*276.93*	
23 21 13 23-1864	EA	20" x 10", Grooved Eccentric Reducer	14,123.00	126.47
		For Galvanized Fittings, Add	*427.76*	
23 21 13 23-1865	EA	20" x 12", Grooved Eccentric Reducer	10,510.02	135.86
		For Galvanized Fittings, Add	*316.41*	
23 21 13 23-1866	EA	20" x 14", Grooved Eccentric Reducer	9,876.16	142.82
		For Galvanized Fittings, Add	*296.63*	
23 21 13 23-1867	EA	20" x 16", Grooved Eccentric Reducer	9,730.14	149.70
		For Galvanized Fittings, Add	*291.83*	
23 21 13 23-1868	EA	20" x 18", Grooved Eccentric Reducer	9,375.71	156.18
		For Galvanized Fittings, Add	*280.64*	
23 21 13 23-1869	EA	24" x 12", Grooved Eccentric Reducer	20,395.41	150.08
		For Galvanized Fittings, Add	*619.23*	
23 21 13 23-1870	EA	24" x 14", Grooved Eccentric Reducer	17,426.26	156.96
		For Galvanized Fittings, Add	*527.76*	
23 21 13 23-1871	EA	24" x 16", Grooved Eccentric Reducer	17,436.78	164.01
		For Galvanized Fittings, Add	*527.76*	
23 21 13 23-1872	EA	24" x 18", Grooved Eccentric Reducer	16,470.54	170.40
		For Galvanized Fittings, Add	*497.80*	
23 21 13 23-1873	EA	24" x 20", Grooved Eccentric Reducer	15,057.51	173.69
		For Galvanized Fittings, Add	*454.27*	
23 21 13 23-1874		**Close Nipple, Grooved** *(23 21 13 23-1712)*		
		Note: Victaulic No. 143		
23 21 13 23-1875	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	57.03	12.77
		For Galvanized Fittings, Add	*6.78*	
		For 300 LB Rating, Add	*5.65*	
		For Galvanized Fittings, Add	*9.64*	
23 21 13 23-1876	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	65.24	15.97
		For Galvanized Fittings, Add	*7.39*	
		For 300 LB Rating, Add	*6.16*	
		For Galvanized Fittings, Add	*10.51*	
23 21 13 23-1877	EA	2" Ductile Iron, Grooved, Close Nipple	81.40	21.08
		For Galvanized Fittings, Add	*8.90*	
		For 300 LB Rating, Add	*7.42*	
		For Galvanized Fittings, Add	*12.66*	
23 21 13 23-1878	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	97.17	25.55
		For Galvanized Fittings, Add	*10.52*	
		For 300 LB Rating, Add	*8.77*	
		For Galvanized Fittings, Add	*14.97*	
23 21 13 23-1879		**Grooved Couplings** *(23 21 13 23-1469)*		
23 21 13 23-1880		**Flexible Grooved Coupling** *(23 21 13 23-1879)*		
		Note: Victaulic Style 77		
23 21 13 23-1881	EA	3/4" Grooved Standard Coupling	48.20	5.22
		For Galvanized Fittings, Add	*11.28*	
23 21 13 23-1882	EA	1" Grooved Standard Coupling	48.20	5.22
		For Galvanized Fittings, Add	*11.28*	
23 21 13 23-1883	EA	1-1/4" Grooved Standard Coupling	63.48	6.58
		For Galvanized Fittings, Add	*15.01*	
23 21 13 23-1884	EA	1-1/2" Grooved Standard Coupling	70.38	7.83
		For Galvanized Fittings, Add	*16.40*	
23 21 13 23-1885	EA	2" Grooved Standard Coupling	77.72	10.55
		For Galvanized Fittings, Add	*17.33*	
23 21 13 23-1886	EA	2-1/2" Grooved Standard Coupling	93.36	12.87
		For Galvanized Fittings, Add	*20.75*	
23 21 13 23-1887	EA	3" Grooved Standard Coupling	97.10	15.38
		For Galvanized Fittings, Add	*20.75*	
23 21 13 23-1888	EA	3-1/2" Grooved Standard Coupling	146.41	18.00
		For Galvanized Fittings, Add	*33.43*	
23 21 13 23-1889	EA	4" Grooved Standard Coupling	150.20	20.52
		For Galvanized Fittings, Add	*33.43*	
23 21 13 23-1890	EA	5" Grooved Standard Coupling	221.55	25.74
		For Galvanized Fittings, Add	*51.25*	
23 21 13 23-1891	EA	6" Grooved Standard Coupling	266.76	33.58
		For Galvanized Fittings, Add	*60.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1892	EA	8" Grooved Standard Coupling	412.67	40.06
		For Galvanized Fittings, Add	*98.75*	
23 21 13 23-1893	EA	10" Grooved Standard Coupling	658.14	48.00
		For Galvanized Fittings, Add	*164.12*	
23 21 13 23-1894	EA	12" Grooved Standard Coupling	746.12	52.54
		For Galvanized Fittings, Add	*186.86*	
23 21 13 23-1895	EA	14" Grooved Standard Coupling	915.74	70.06
		For Galvanized Fittings, Add	*227.01*	
23 21 13 23-1896	EA	16" Grooved Standard Coupling	1,189.44	84.09
		For Galvanized Fittings, Add	*297.76*	
23 21 13 23-1897	EA	18" Grooved Standard Coupling	1,385.43	93.37
		For Galvanized Fittings, Add	*348.72*	
23 21 13 23-1898	EA	20" Grooved Standard Coupling	2,116.77	105.09
		For Galvanized Fittings, Add	*548.60*	
23 21 13 23-1899	EA	24" Grooved Standard Coupling	2,342.47	129.27
		For Galvanized Fittings, Add	*601.62*	

23 21 13 23-1900 Zero-Flex® Rigid Coupling *(23 21 13 23-1879)*

Note: Victaulic Style 07

23 21 13 23-1901	EA	1" Grooved Rigid Coupling	63.95	5.22
		For Galvanized Fittings, Add	*13.73*	
23 21 13 23-1902	EA	1-1/4" Grooved Rigid Coupling	65.93	6.58
		For Galvanized Fittings, Add	*13.73*	
23 21 13 23-1903	EA	1-1/2" Grooved Rigid Coupling	67.85	7.83
		For Galvanized Fittings, Add	*13.73*	
23 21 13 23-1904	EA	2" Grooved Rigid Coupling	73.28	10.55
		For Galvanized Fittings, Add	*14.08*	
23 21 13 23-1905	EA	2-1/2" Grooved Rigid Coupling	85.52	12.87
		For Galvanized Fittings, Add	*16.23*	
23 21 13 23-1906	EA	3" Grooved Rigid Coupling	89.26	15.38
		For Galvanized Fittings, Add	*16.23*	
23 21 13 23-1907	EA	3-1/2" Grooved Rigid Coupling	104.45	18.00
		For Galvanized Fittings, Add	*18.97*	
23 21 13 23-1908	EA	4" Grooved Rigid Coupling	140.54	20.52
		For Galvanized Fittings, Add	*26.88*	
23 21 13 23-1909	EA	5" Grooved Rigid Coupling	181.02	25.74
		For Galvanized Fittings, Add	*34.91*	
23 21 13 23-1910	EA	6" Grooved Rigid Coupling	240.87	33.58
		For Galvanized Fittings, Add	*46.67*	
23 21 13 23-1911	EA	8" Grooved Rigid Coupling	360.07	40.06
		For Galvanized Fittings, Add	*73.52*	
23 21 13 23-1912	EA	10" Grooved Rigid Coupling	609.70	48.00
		For Galvanized Fittings, Add	*131.74*	
23 21 13 23-1913	EA	12" Grooved Rigid Coupling	680.45	52.54
		For Galvanized Fittings, Add	*147.42*	
23 21 13 23-1914	EA	14" Grooved Rigid Coupling	891.12	70.06
		For Galvanized Fittings, Add	*192.60*	
23 21 13 23-1915	EA	16" Grooved Rigid Coupling	1,151.28	84.09
		For Galvanized Fittings, Add	*251.19*	
23 21 13 23-1916	EA	18" Grooved Rigid Coupling	1,325.22	93.37
		For Galvanized Fittings, Add	*290.38*	
23 21 13 23-1917	EA	20" Grooved Rigid Coupling	1,568.58	105.09
		For Galvanized Fittings, Add	*345.72*	
23 21 13 23-1918	EA	24" Grooved Rigid Coupling	2,272.29	129.27
		For Galvanized Fittings, Add	*509.22*	

23 21 13 23-1919 Large Diameter Grooved Coupling *(23 21 13 23-1879)*

Note: Victaulic Style 770

23 21 13 23-1920	EA	28" Grooved Coupling	2,532.60	25.74
		For Galvanized Fittings, Add	*349.17*	
23 21 13 23-1921	EA	30" Grooved Coupling	2,921.87	33.58
		For Galvanized Fittings, Add	*402.01*	
23 21 13 23-1922	EA	32" Grooved Coupling	4,360.19	40.06
		For Galvanized Fittings, Add	*602.03*	
23 21 13 23-1923	EA	36" Grooved Coupling	5,800.92	48.00
		For Galvanized Fittings, Add	*802.05*	
23 21 13 23-1924	EA	42" Grooved Coupling	11,664.95	52.54
		For Galvanized Fittings, Add	*1,622.07*	

23 21 13 23-1925 Flexible Coupling *(23 21 13 23-1879)*

Note: Victaulic Style 75

23 21 13 23-1926	EA	1-1/2" Grooved Flexible Coupling	62.74	7.83
		For Galvanized Fittings, Add	*13.04*	
23 21 13 23-1927	EA	2" Grooved Flexible Coupling	68.06	10.55
		For Galvanized Fittings, Add	*13.38*	
23 21 13 23-1928	EA	2-1/2" Grooved Flexible Coupling	79.82	12.87
		For Galvanized Fittings, Add	*15.50*	
23 21 13 23-1929	EA	3" Grooved Flexible Coupling	93.42	15.38
		For Galvanized Fittings, Add	*18.03*	
23 21 13 23-1930	EA	3-1/2" Grooved Flexible Coupling	126.78	18.00
		For Galvanized Fittings, Add	*25.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1931	EA	4" Grooved Flexible Coupling	130.57	20.52
		For Galvanized Fittings, Add	*25.54*	
23 21 13 23-1932	EA	5" Grooved Flexible Coupling	182.44	25.74
		For Galvanized Fittings, Add	*36.84*	
23 21 13 23-1933	EA	6" Grooved Flexible Coupling	223.77	33.58
		For Galvanized Fittings, Add	*44.38*	
23 21 13 23-1934	EA	8" Grooved Flexible Coupling	332.52	40.06
		For Galvanized Fittings, Add	*69.77*	

23 21 13 23-1935 Installation-Ready™ Coupling *(23 21 13 23-1879)*

Note: Victaulic Style 009N

23 21 13 23-1936	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	73.76	4.89
		For Galvanized Fittings, Add	*16.99*	
23 21 13 23-1937	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	76.58	5.85
		For Galvanized Fittings, Add	*17.34*	
23 21 13 23-1938	EA	2" Ductile Iron, Installation-Ready™ Coupling	88.52	7.85
		For Galvanized Fittings, Add	*19.61*	
23 21 13 23-1939	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	102.67	9.52
		For Galvanized Fittings, Add	*22.59*	
23 21 13 23-1940	EA	3" Ductile Iron, Installation-Ready™ Coupling	117.19	11.43
		For Galvanized Fittings, Add	*25.57*	
23 21 13 23-1941	EA	4" Ductile Iron, Installation-Ready™ Coupling	163.36	15.26
		For Galvanized Fittings, Add	*35.90*	
23 21 13 23-1942	EA	5" Ductile Iron, Installation-Ready™ Coupling	258.31	19.09
		For Galvanized Fittings, Add	*58.72*	
23 21 13 23-1943	EA	6" Ductile Iron, Installation-Ready™ Coupling	311.91	24.97
		For Galvanized Fittings, Add	*70.16*	
23 21 13 23-1944	EA	8" Ductile Iron, Installation-Ready™ Coupling	502.90	29.70
		For Galvanized Fittings, Add	*117.22*	

23 21 13 23-1945 Grooved Strainers And Suction Diffusers *(23 21 13 23-1469)*

23 21 13 23-1946 Grooved Wye Strainers *(23 21 13 23-1945)*

Note: Victaulic Style 732

23 21 13 23-1947	EA	2" Grooved Wye Strainer	1,907.69	21.29
23 21 13 23-1948	EA	2-1/2" Grooved Wye Strainer	2,009.15	25.84
23 21 13 23-1949	EA	3" Grooved Wye Strainer	2,260.05	30.96
23 21 13 23-1950	EA	4" Grooved Wye Strainer	2,567.00	41.31
23 21 13 23-1951	EA	5" Grooved Wye Strainer	3,706.25	51.68
23 21 13 23-1952	EA	6" Grooved Wye Strainer	4,040.74	67.15
23 21 13 23-1953	EA	8" Grooved Wye Strainer	6,160.14	80.03
23 21 13 23-1954	EA	10" Grooved Wye Strainer	9,849.79	93.57
23 21 13 23-1955	EA	12" Grooved Wye Strainer	17,130.22	112.35

23 21 13 23-1956 Grooved Tee Type Strainers *(23 21 13 23-1945)*

Note: Victaulic Style 730

23 21 13 23-1957	EA	1-1/2" Grooved Tee Type Strainer	1,471.68	16.16
23 21 13 23-1958	EA	2" Grooved Tee Type Strainer	1,884.54	21.29
23 21 13 23-1959	EA	2-1/2" Grooved Tee Type Strainer	1,985.08	25.84
23 21 13 23-1960	EA	3" Grooved Tee Type Strainer	2,232.86	30.96
23 21 13 23-1961	EA	4" Grooved Tee Type Strainer	2,536.18	41.31
23 21 13 23-1962	EA	5" Grooved Tee Type Strainer	3,661.37	51.68
23 21 13 23-1963	EA	6" Grooved Tee Type Strainer	3,992.36	67.15
23 21 13 23-1964	EA	8" Grooved Tee Type Strainer	6,085.21	80.03
23 21 13 23-1965	EA	10" Grooved Tee Type Strainer	8,901.54	93.57
23 21 13 23-1966	EA	12" Grooved Tee Type Strainer	11,446.49	112.35
23 21 13 23-1967	EA	14" Grooved Tee Type Strainer	40,390.14	126.47
23 21 13 23-1968	EA	16" Grooved Tee Type Strainer	50,173.27	140.02
23 21 13 23-1969	EA	18" Grooved Tee Type Strainer	65,945.63	152.98

23 21 13 23-1970 Grooved Suction Diffuser *(23 21 13 23-1945)*

Note: Victaulic Style 731

23 21 13 23-1971	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	3,882.65	23.90
23 21 13 23-1972	EA	3" Grooved x 2" Flanged Suction Diffuser	4,121.97	26.41
23 21 13 23-1973	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	2,981.18	30.96
23 21 13 23-1974	EA	3" Grooved x 3" Flanged Suction Diffuser	3,023.82	33.58
23 21 13 23-1975	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	3,274.74	33.58
23 21 13 23-1976	EA	4" Grooved x 3" Flanged Suction Diffuser	3,533.03	36.19
23 21 13 23-1977	EA	4" Grooved x 4" Flanged Suction Diffuser	4,083.34	36.19
23 21 13 23-1978	EA	5" Grooved x 4" Flanged Suction Diffuser	4,560.62	46.44
23 21 13 23-1979	EA	5" Grooved x 5" Flanged Suction Diffuser	4,792.39	49.06
23 21 13 23-1980	EA	6" Grooved x 4" Flanged Suction Diffuser	4,869.59	54.19
23 21 13 23-1981	EA	6" Grooved x 5" Flanged Suction Diffuser	5,817.00	59.41
23 21 13 23-1982	EA	6" Grooved x 6" Flanged Suction Diffuser	6,042.21	63.28
23 21 13 23-1983	EA	8" Grooved x 5" Flanged Suction Diffuser	6,199.97	65.80
23 21 13 23-1984	EA	8" Grooved x 6" Flanged Suction Diffuser	6,544.05	73.54
23 21 13 23-1985	EA	8" Grooved x 8" Flanged Suction Diffuser	11,191.66	80.03
23 21 13 23-1986	EA	10" Grooved x 8" Flanged Suction Diffuser	12,623.13	86.51
23 21 13 23-1987	EA	10" Grooved x 10" Flanged Suction Diffuser	15,188.62	89.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1988	EA	12" Grooved x 10" Flanged Suction Diffuser	17,973.79	103.24
23 21 13 23-1989	EA	12" Grooved x 12" Flanged Suction Diffuser	24,950.27	109.74
23 21 13 23-1990	EA	14" Grooved x 10" Flanged Suction Diffuser	23,232.06	109.74
23 21 13 23-1991	EA	14" Grooved x 12" Flanged Suction Diffuser	25,946.53	119.40
23 21 13 23-1992	EA	14" Grooved x 14" Flanged Suction Diffuser	31,480.75	126.47
23 21 13 23-1993	EA	16" Grooved x 14" Flanged Suction Diffuser	32,409.93	132.95
23 21 13 23-1994		Grooved Steel Valves *(23 21 13 23-1469)*		
23 21 13 23-1995		Grooved Butterfly Valves With Standard Trim *(23 21 13 23-1994)*		
23 21 13 23-1996	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	288.02	10.55
23 21 13 23-1997	EA	2" Butterfly Valve, Grooved, With Standard Trim	293.02	13.84
23 21 13 23-1998	EA	3" Butterfly Valve, Grooved, With Standard Trim	481.26	20.52
23 21 13 23-1999	EA	4" Butterfly Valve, Grooved, With Standard Trim	646.54	27.00
23 21 13 23-2000	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,414.39	44.22
23 21 13 23-2001	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,959.90	62.22
23 21 13 23-2002	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,945.30	84.09
23 21 13 23-2003		Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1994)*		
23 21 13 23-2004	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	433.84	10.55
23 21 13 23-2005	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	438.84	13.84
23 21 13 23-2006	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	678.93	20.52
23 21 13 23-2007	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	863.66	27.00
23 21 13 23-2008	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,654.19	44.22
23 21 13 23-2009	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,750.60	62.22
23 21 13 23-2010	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,338.74	84.09
23 21 13 23-2011		Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-1994)* Note: Victaulic No. 721		
23 21 13 23-2012	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	242.69	10.35
23 21 13 23-2013	EA	2" Ball Valve, Grooved, With Standard Trim	277.66	14.22
23 21 13 23-2014	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	636.74	17.42
23 21 13 23-2015	EA	3" Ball Valve, Grooved, With Standard Trim	1,045.81	20.61
23 21 13 23-2016	EA	4" Ball Valve, Grooved, With Standard Trim	1,629.60	27.10
23 21 13 23-2017	EA	6" Ball Valve, Grooved, With Standard Trim	5,075.02	44.51
23 21 13 23-2018		Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-1994)* Note: Victaulic No. 721		
23 21 13 23-2019	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	258.66	10.35
23 21 13 23-2020	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	443.45	14.22
23 21 13 23-2021	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,159.51	17.42
23 21 13 23-2022	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,499.86	20.61
23 21 13 23-2023	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,049.19	27.10
23 21 13 23-2024	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,594.95	44.51
23 21 13 23-2025		Grooved Check Valves *(23 21 13 23-1994)* Note: Victaulic No. 712		
23 21 13 23-2026	EA	2" Check Valve, Grooved	368.93	14.22
23 21 13 23-2027	EA	2-1/2" Check Valve, Grooved	599.88	17.42
23 21 13 23-2028	EA	3" Check Valve, Grooved	698.92	20.61
23 21 13 23-2029	EA	4" Check Valve, Grooved	991.11	27.10
23 21 13 23-2030		Grooved Vic-Check Check Valves *(23 21 13 23-1994)* Note: Victaulic No. 716		
23 21 13 23-2031	EA	2-1/2" "Vic-Check" Check Valve, Grooved	478.64	17.42
23 21 13 23-2032	EA	3" "Vic-Check" Check Valve, Grooved	483.35	20.61
23 21 13 23-2033	EA	4" "Vic-Check" Check Valve, Grooved	605.47	27.10
23 21 13 23-2034	EA	6" "Vic-Check" Check Valve, Grooved	1,182.08	44.51
23 21 13 23-2035	EA	8" "Vic-Check" Check Valve, Grooved	1,617.25	61.93
23 21 13 23-2036	EA	10" "Vic-Check" Check Valve, Grooved	4,538.10	83.90
23 21 13 23-2037	EA	12" "Vic-Check" Check Valve, Grooved	5,374.44	96.86
23 21 13 23-2038		Grooved Plug Valves With Lever Operator *(23 21 13 23-1994)* Note: Victaulic No. 377		
23 21 13 23-2039	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	590.84	20.61
23 21 13 23-2040	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	656.80	27.10
23 21 13 23-2041	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	1,171.57	44.51
23 21 13 23-2042		Grooved Plug Valve With Gear Operator *(23 21 13 23-1994)* Note: Victaulic No. 377		
23 21 13 23-2043	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	1,042.50	20.61
23 21 13 23-2044	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	1,108.49	27.10
23 21 13 23-2045	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	1,623.27	44.51

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2046	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	2,172.01	61.93
23 21 13 23-2047	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	3,404.72	83.90
23 21 13 23-2048	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	4,921.39	96.86

23 21 13 23-2049 Prepare Pipe For Groove *(23 21 13 23-1469)*

23 21 13 23-2050 Cut Grooved Pipe *(23 21 13 23-2049)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-2051	EA	Cut 3/4" Groove Pipe	10.14
23 21 13 23-2052	EA	Cut 1" Groove Pipe	11.01
23 21 13 23-2053	EA	Cut 1-1/4" Groove Pipe	12.43
23 21 13 23-2054	EA	Cut 1-1/2" Groove Pipe	13.52
23 21 13 23-2055	EA	Cut 2" Groove Pipe	14.82
23 21 13 23-2056	EA	Cut 2-1/2" Groove Pipe	16.05
23 21 13 23-2057	EA	Cut 3" Groove Pipe	17.51
23 21 13 23-2058	EA	Cut 3-1/2" Groove Pipe	18.56
23 21 13 23-2059	EA	Cut 4" Groove Pipe	19.75
23 21 13 23-2060	EA	Cut 5" Groove Pipe	21.40
23 21 13 23-2061	EA	Cut 6" Groove Pipe	22.01
23 21 13 23-2062	EA	Cut 8" Groove Pipe	28.53
23 21 13 23-2063	EA	Cut 10" Groove Pipe	40.55
23 21 13 23-2064	EA	Cut 12" Groove Pipe	51.36
23 21 13 23-2065	EA	Cut 14" Groove Pipe	77.04
23 21 13 23-2066	EA	Cut 16" Groove Pipe	81.09
23 21 13 23-2067	EA	Cut 18" Groove Pipe	85.60
23 21 13 23-2068	EA	Cut 20" Groove Pipe	90.64
23 21 13 23-2069	EA	Cut 24" Groove Pipe	102.72

23 21 13 23-2070 Roll Grooved Pipe *(23 21 13 23-2049)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-2071	EA	Roll 3/4" Groove	5.80
23 21 13 23-2072	EA	Roll 1" Groove	6.75
23 21 13 23-2073	EA	Roll 1-1/4" Groove	7.70
23 21 13 23-2074	EA	Roll 1-1/2" Groove	8.66
23 21 13 23-2075	EA	Roll 2" Groove	13.29
23 21 13 23-2076	EA	Roll 2-1/2" Groove	14.00
23 21 13 23-2077	EA	Roll 3" Groove	15.40
23 21 13 23-2078	EA	Roll 3-1/2" Groove	16.39
23 21 13 23-2079	EA	Roll 4" Groove	17.91
23 21 13 23-2080	EA	Roll 5" Groove	18.35
23 21 13 23-2081	EA	Roll 6" Groove	19.26
23 21 13 23-2082	EA	Roll 8" Groove	23.35
23 21 13 23-2083	EA	Roll 10" Groove	26.56
23 21 13 23-2084	EA	Roll 12" Groove	33.50
23 21 13 23-2085	EA	Roll 14" Groove	51.36
23 21 13 23-2086	EA	Roll 16" Groove	55.03
23 21 13 23-2087	EA	Roll 18" Groove	57.07
23 21 13 23-2088	EA	Roll 20" Groove	61.64
23 21 13 23-2089	EA	Roll 24" Groove	66.99

23 21 13 23-2090 Standard Gaskets *(23 21 13 23-2049)*

Note: For use on replacement of existing gaskets.

23 21 13 23-2091	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	33.10
23 21 13 23-2092	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	33.91
23 21 13 23-2093	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.26
23 21 13 23-2094	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	38.56
23 21 13 23-2095	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	39.13
23 21 13 23-2096	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	46.46
23 21 13 23-2097	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	50.78
23 21 13 23-2098	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	63.32
23 21 13 23-2099	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	63.79
23 21 13 23-2100	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	80.85
23 21 13 23-2101	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	87.10
23 21 13 23-2102	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	119.00
23 21 13 23-2103	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	150.51
23 21 13 23-2104	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	176.53
23 21 13 23-2105	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	245.61
23 21 13 23-2106	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	332.49
23 21 13 23-2107	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	396.83
23 21 13 23-2108	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	596.98
23 21 13 23-2109	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	822.27

23 21 13 23-2110 Copper Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-2111 Grooved Fittings *(23 21 13 23-2110)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2112		**Grooved 90 Degree Elbows** *(23 21 13 23-2111)*		
23 21 13 23-2113	EA	2" Copper 90 Degree Elbow, Grooved	68.17	15.78
23 21 13 23-2114	EA	2-1/2" Copper 90 Degree Elbow, Grooved	78.06	19.26
23 21 13 23-2115	EA	3" Copper 90 Degree Elbow, Grooved	102.09	23.32
23 21 13 23-2116	EA	4" Copper 90 Degree Elbow, Grooved	188.78	30.77
23 21 13 23-2117	EA	5" Copper 90 Degree Elbow, Grooved	437.42	38.51
23 21 13 23-2118	EA	6" Copper 90 Degree Elbow, Grooved	675.91	50.42
23 21 13 23-2119	EA	8" Copper 90 Degree Elbow, Grooved	1,199.66	59.99
23 21 13 23-2120		**Grooved 45 Degree Elbows** *(23 21 13 23-2111)*		
23 21 13 23-2121	EA	2" Copper 45 Degree Elbow, Grooved	68.17	15.78
23 21 13 23-2122	EA	2-1/2" Copper 45 Degree Elbow, Grooved	78.06	19.26
23 21 13 23-2123	EA	3" Copper 45 Degree Elbow, Grooved	102.09	23.32
23 21 13 23-2124	EA	4" Copper 45 Degree Elbow, Grooved	188.78	30.77
23 21 13 23-2125	EA	5" Copper 45 Degree Elbow, Grooved	437.42	38.51
23 21 13 23-2126	EA	6" Copper 45 Degree Elbow, Grooved	675.91	50.42
23 21 13 23-2127	EA	8" Copper 45 Degree Elbow, Grooved	1,199.66	59.99
23 21 13 23-2128		**Grooved Tees** *(23 21 13 23-2111)*		
23 21 13 23-2129	EA	2" Copper Tee, Grooved	106.41	23.23
23 21 13 23-2130	EA	2-1/2" Copper Tee, Grooved	120.64	28.55
23 21 13 23-2131	EA	3" Copper Tee, Grooved	164.63	35.03
23 21 13 23-2132	EA	4" Copper Tee, Grooved	298.03	45.29
23 21 13 23-2133	EA	5" Copper Tee, Grooved	1,031.14	59.22
23 21 13 23-2134	EA	6" Copper Tee, Grooved	865.17	74.12
23 21 13 23-2135	EA	8" Copper Tee, Grooved	1,460.20	89.99
23 21 13 23-2136		**Grooved Reducing Tees** *(23 21 13 23-2111)*		
23 21 13 23-2137	EA	2-1/2" Copper Tee, Reducing, Grooved	151.83	28.55
23 21 13 23-2138	EA	3" Copper Tee, Reducing, Grooved	230.87	35.03
23 21 13 23-2139	EA	4" Copper Tee, Reducing, Grooved	363.10	45.39
23 21 13 23-2140	EA	5" Copper Tee, Reducing, Grooved	950.09	59.32
23 21 13 23-2141	EA	6" Copper Tee, Reducing, Grooved	1,163.49	74.12
23 21 13 23-2142		**Grooved X Cup Reducing Tees** *(23 21 13 23-2111)*		
23 21 13 23-2143	EA	2" Copper Tee, Reducing, Grooved X Cup	123.09	23.23
23 21 13 23-2144	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	152.17	28.55
23 21 13 23-2145	EA	3" Copper Tee, Reducing, Grooved X Cup	245.88	35.03
23 21 13 23-2146	EA	4" Copper Tee, Reducing, Grooved X Cup	363.10	45.29
23 21 13 23-2147		**Grooved Flanged Adapter Nipples** *(23 21 13 23-2111)*		
23 21 13 23-2148	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	192.01	17.13
23 21 13 23-2149	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	205.80	20.81
23 21 13 23-2150	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	221.67	24.87
23 21 13 23-2151	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	255.52	33.48
23 21 13 23-2152	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	334.51	40.55
23 21 13 23-2153	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	385.32	54.77
23 21 13 23-2154		**Grooved Concentric Reducers** *(23 21 13 23-2111)*		
23 21 13 23-2155	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	87.70	17.61
23 21 13 23-2156	EA	3" x 2" Copper Concentric Reducer, Grooved	91.58	19.64
23 21 13 23-2157	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	99.09	23.32
23 21 13 23-2158	EA	4" x 2" Copper Concentric Reducer, Grooved	154.06	23.51
23 21 13 23-2159	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	157.45	25.16
23 21 13 23-2160	EA	4" x 3" Copper Concentric Reducer, Grooved	161.31	27.10
23 21 13 23-2161	EA	5" x 3" Copper Concentric Reducer, Grooved	363.25	30.96
23 21 13 23-2162	EA	5" x 4" Copper Concentric Reducer, Grooved	370.99	34.83
23 21 13 23-2163	EA	6" x 3" Copper Concentric Reducer, Grooved	399.73	36.77
23 21 13 23-2164	EA	6" x 4" Copper Concentric Reducer, Grooved	407.47	40.64
23 21 13 23-2165	EA	6" x 5" Copper Concentric Reducer, Grooved	415.22	44.51
23 21 13 23-2166	EA	8" x 6" Copper Concentric Reducer, Grooved	682.76	55.15
23 21 13 23-2167		**Grooved X Cup Concentric Reducers** *(23 21 13 23-2111)*		
23 21 13 23-2168	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	68.06	12.39
23 21 13 23-2169	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	69.03	12.87
23 21 13 23-2170	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	71.98	14.33
23 21 13 23-2171	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	80.70	13.84
23 21 13 23-2172	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	81.66	14.33
23 21 13 23-2173	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	84.50	15.78
23 21 13 23-2174	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	88.37	17.61
23 21 13 23-2175	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	101.21	17.61
23 21 13 23-2176	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	105.09	19.64

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23 21 13 23-2177	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	169.24	23.42
23 21 13 23-2178		**Grooved Standard Couplings** *(23 21 13 23-2111)*		
23 21 13 23-2179	EA	2" Copper Standard Coupling, Grooved	28.41	7.93
23 21 13 23-2180	EA	2-1/2" Copper Standard Coupling, Grooved	33.70	9.68
23 21 13 23-2181	EA	3" Copper Standard Coupling, Grooved	38.89	11.51
23 21 13 23-2182	EA	4" Copper Standard Coupling, Grooved	55.14	15.48
23 21 13 23-2183	EA	5" Copper Standard Coupling, Grooved	79.90	19.26
23 21 13 23-2184	EA	6" Copper Standard Coupling, Grooved	105.06	25.16
23 21 13 23-2185	EA	8" Copper Standard Coupling, Grooved	145.08	29.99
23 21 13 23-2186		**Grooved Caps** *(23 21 13 23-2111)*		
23 21 13 23-2187	EA	2" Copper Cap, Grooved	41.00	7.93
23 21 13 23-2188	EA	2-1/2" Copper Cap, Grooved	56.64	9.68
23 21 13 23-2189	EA	3" Copper Cap, Grooved	69.38	11.51
23 21 13 23-2190	EA	4" Copper Cap, Grooved	100.39	15.38
23 21 13 23-2191	EA	5" Copper Cap, Grooved	161.88	19.26
23 21 13 23-2192	EA	6" Copper Cap, Grooved	192.38	25.16
23 21 13 23-2193		**Grooved Valves** *(23 21 13 23-2110)*		
23 21 13 23-2194		**Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-2193)* Note: Copper body.		
23 21 13 23-2195	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	476.31	10.35
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2196	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	541.01	15.38
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2197	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	715.17	20.22
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2198	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	953.04	33.19
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2199	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,048.55	46.64
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2200		**Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-2193)* Note: Copper body.		
23 21 13 23-2201	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	582.37	10.35
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2202	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	647.14	15.38
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2203	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	821.30	20.22
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2204	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,059.24	33.19
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2205	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,154.68	46.64
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2206		**Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23)* Note: Socket or back weld.		
23 21 13 23-2207		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2206)* Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2208		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2207)*		
23 21 13 23-2209	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.50	2.77
		For Work In Restricted Working Space, Add	*1.25*	
23 21 13 23-2210	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.64	3.46
		For Work In Restricted Working Space, Add	*1.56*	
23 21 13 23-2211	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.16	3.69
		For Work In Restricted Working Space, Add	*1.66*	
23 21 13 23-2212	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.80	3.97
		For Work In Restricted Working Space, Add	*1.79*	
23 21 13 23-2213	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.02	4.03
		For Work In Restricted Working Space, Add	*1.82*	
23 21 13 23-2214	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.56	4.83
		For Work In Restricted Working Space, Add	*2.18*	
23 21 13 23-2215	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.68	5.74
		For Work In Restricted Working Space, Add	*2.58*	

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23 21 13 23-2216	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	13.10	6.94
		For Work In Restricted Working Space, Add	*3.12*	
23 21 13 23-2217	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	19.50	10.40
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2218	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	27.61	13.87
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2219	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	35.13	16.53
		For Work In Restricted Working Space, Add	*7.44*	
23 21 13 23-2220	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	59.27	18.47
		For Work In Restricted Working Space, Add	*8.30*	

23 21 13 23-2221 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2207)*

23 21 13 23-2222	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	16.44	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2223	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	21.98	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2224	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	27.89	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2225	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	40.34	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2226	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	45.25	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2227	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	58.71	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2228	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	96.89	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2229	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	125.25	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2230	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	162.75	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2231	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	238.31	92.21
		For Work In Restricted Working Space, Add	*41.47*	
23 21 13 23-2232	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	418.93	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2233	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	626.59	160.43
		For Work In Restricted Working Space, Add	*72.14*	

23 21 13 23-2234 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2207)*

23 21 13 23-2235	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	16.86	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2236	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	22.81	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2237	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.06	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2238	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	41.09	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2239	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	46.91	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2240	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	59.79	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2241	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	96.89	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2242	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	132.25	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2243	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	175.49	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2244	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	239.47	92.21
		For Work In Restricted Working Space, Add	*41.47*	
23 21 13 23-2245	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	404.86	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2246	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	626.59	160.43
		For Work In Restricted Working Space, Add	*72.14*	

23 21 13 23-2247 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2207)*

23 21 13 23-2248	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	26.81	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2249	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	32.29	20.81
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-2250	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	43.25	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2251	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	55.63	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2252	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	66.50	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2253	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	83.32	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2254	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	121.51	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2255	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	146.68	80.70
		For Work In Restricted Working Space, Add	*36.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2256	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	207.89	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2257	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	365.28	138.76
		For Work In Restricted Working Space, Add	*62.43*	
23 21 13 23-2258	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	622.68	172.14
		For Work In Restricted Working Space, Add	*77.41*	
23 21 13 23-2259	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,812.47	257.19
		For Work In Restricted Working Space, Add	*115.69*	
23 21 13 23-2260		**Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2207)*		
23 21 13 23-2261	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	33.82	21.48
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-2262	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	40.71	26.03
		For Work In Restricted Working Space, Add	*11.70*	
23 21 13 23-2263	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	54.75	34.35
		For Work In Restricted Working Space, Add	*15.44*	
23 21 13 23-2264	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	70.60	43.64
		For Work In Restricted Working Space, Add	*19.61*	
23 21 13 23-2265	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	84.43	52.06
		For Work In Restricted Working Space, Add	*23.41*	
23 21 13 23-2266	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	106.03	64.54
		For Work In Restricted Working Space, Add	*29.03*	
23 21 13 23-2267	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	158.12	84.96
		For Work In Restricted Working Space, Add	*38.20*	
23 21 13 23-2268	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	191.51	100.82
		For Work In Restricted Working Space, Add	*45.36*	
23 21 13 23-2269	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	274.69	134.50
		For Work In Restricted Working Space, Add	*60.48*	
23 21 13 23-2270	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	506.40	173.40
		For Work In Restricted Working Space, Add	*78.00*	
23 21 13 23-2271	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	893.98	215.01
		For Work In Restricted Working Space, Add	*96.71*	
23 21 13 23-2272	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,718.99	321.64
		For Work In Restricted Working Space, Add	*144.68*	
23 21 13 23-2273		**Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2207)*		
23 21 13 23-2274	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	16.94	10.65
		For Work In Restricted Working Space, Add	*4.86*	
23 21 13 23-2275	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	22.30	13.64
		For Work In Restricted Working Space, Add	*6.22*	
23 21 13 23-2276	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	29.77	18.29
		For Work In Restricted Working Space, Add	*8.31*	
23 21 13 23-2277	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	36.69	22.74
		For Work In Restricted Working Space, Add	*10.36*	
23 21 13 23-2278	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	45.22	27.38
		For Work In Restricted Working Space, Add	*12.47*	
23 21 13 23-2279	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	63.48	38.03
		For Work In Restricted Working Space, Add	*17.30*	
23 21 13 23-2280	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	88.41	52.54
		For Work In Restricted Working Space, Add	*23.90*	
23 21 13 23-2281	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	118.76	65.32
		For Work In Restricted Working Space, Add	*29.71*	
23 21 13 23-2282	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	164.23	76.05
		For Work In Restricted Working Space, Add	*34.56*	
23 21 13 23-2283	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	415.04	87.86
		For Work In Restricted Working Space, Add	*39.93*	
23 21 13 23-2284	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	491.53	117.86
		For Work In Restricted Working Space, Add	*53.57*	
23 21 13 23-2285		**Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2207)*		
23 21 13 23-2286	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	17.36	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2287	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	22.56	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2288	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	27.97	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2289	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	39.84	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2290	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	45.00	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2291	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	57.54	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2292	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	84.99	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2293	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	110.60	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2294	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	140.69	80.70
		For Work In Restricted Working Space, Add	*36.29*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2295		Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2207)*			
23 21 13 23-2296	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		17.94	10.45
		For Work In Restricted Working Space, Add		*4.68*	
23 21 13 23-2297	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		23.14	13.84
		For Work In Restricted Working Space, Add		*6.24*	
23 21 13 23-2298	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		29.14	17.22
		For Work In Restricted Working Space, Add		*7.74*	
23 21 13 23-2299	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		40.51	24.39
		For Work In Restricted Working Space, Add		*10.95*	
23 21 13 23-2300	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		46.50	27.48
		For Work In Restricted Working Space, Add		*12.35*	
23 21 13 23-2301	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		58.88	34.93
		For Work In Restricted Working Space, Add		*15.69*	
23 21 13 23-2302	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		86.48	51.68
		For Work In Restricted Working Space, Add		*23.22*	
23 21 13 23-2303	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		115.18	67.93
		For Work In Restricted Working Space, Add		*30.56*	
23 21 13 23-2304	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters		138.03	80.70
		For Work In Restricted Working Space, Add		*36.29*	
23 21 13 23-2305		Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2207)*			
23 21 13 23-2306	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		16.44	10.45
		For Work In Restricted Working Space, Add		*4.68*	
23 21 13 23-2307	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		21.89	13.84
		For Work In Restricted Working Space, Add		*6.24*	
23 21 13 23-2308	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		27.06	17.22
		For Work In Restricted Working Space, Add		*7.74*	
23 21 13 23-2309	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		38.51	24.39
		For Work In Restricted Working Space, Add		*10.95*	
23 21 13 23-2310	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		43.50	27.48
		For Work In Restricted Working Space, Add		*12.35*	
23 21 13 23-2311	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		55.46	34.93
		For Work In Restricted Working Space, Add		*15.69*	
23 21 13 23-2312	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		91.14	51.68
		For Work In Restricted Working Space, Add		*23.22*	
23 21 13 23-2313	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		120.34	67.93
		For Work In Restricted Working Space, Add		*30.56*	
23 21 13 23-2314	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters		151.51	80.70
		For Work In Restricted Working Space, Add		*36.29*	
23 21 13 23-2315		Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2207)*			
23 21 13 23-2316	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps		27.37	14.22
		For Work In Restricted Working Space, Add		*6.39*	
23 21 13 23-2317		Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2207)*			
23 21 13 23-2318	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings		16.11	10.45
		For Work In Restricted Working Space, Add		*4.68*	
23 21 13 23-2319	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings		21.48	13.84
		For Work In Restricted Working Space, Add		*6.24*	
23 21 13 23-2320	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings		27.06	17.22
		For Work In Restricted Working Space, Add		*7.74*	
23 21 13 23-2321	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings		38.18	24.39
		For Work In Restricted Working Space, Add		*10.95*	
23 21 13 23-2322	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings		43.00	27.48
		For Work In Restricted Working Space, Add		*12.35*	
23 21 13 23-2323	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings		55.13	34.93
		For Work In Restricted Working Space, Add		*15.69*	
23 21 13 23-2324	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings		83.74	51.68
		For Work In Restricted Working Space, Add		*23.22*	
23 21 13 23-2325	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings		111.77	67.93
		For Work In Restricted Working Space, Add		*30.56*	
23 21 13 23-2326	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings		135.36	80.70
		For Work In Restricted Working Space, Add		*36.29*	
23 21 13 23-2327	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings		183.86	92.21
		For Work In Restricted Working Space, Add		*41.47*	
23 21 13 23-2328	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings		246.52	107.60
		For Work In Restricted Working Space, Add		*48.38*	
23 21 13 23-2329	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings		564.13	115.34
		For Work In Restricted Working Space, Add		*51.86*	
23 21 13 23-2330		Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2207)*			
23 21 13 23-2331	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions		31.20	17.22
		For Work In Restricted Working Space, Add		*7.74*	
23 21 13 23-2332	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions		45.28	20.81
		For Work In Restricted Working Space, Add		*9.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2333	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	56.90	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2334	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	90.60	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2335	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	102.38	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2336	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	131.27	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2337	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	199.60	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2338	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	224.52	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2339	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	366.64	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2340	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	483.31	138.76
		For Work In Restricted Working Space, Add	*62.40*	
23 21 13 23-2341	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	712.10	172.05
		For Work In Restricted Working Space, Add	*77.37*	
23 21 13 23-2342	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,068.89	213.56
		For Work In Restricted Working Space, Add	*96.07*	

23 21 13 23-2343 Schedule 40 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2207)*

23 21 13 23-2344	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	7.80	4.71
		For Work In Restricted Working Space, Add	*2.14*	
23 21 13 23-2345	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	10.20	6.19
		For Work In Restricted Working Space, Add	*2.81*	
23 21 13 23-2346	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	12.94	7.64
		For Work In Restricted Working Space, Add	*3.48*	
23 21 13 23-2347	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	18.50	10.99
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-2348	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	20.53	12.19
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2349	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	25.94	15.58
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-2350	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	42.74	23.03
		For Work In Restricted Working Space, Add	*10.45*	
23 21 13 23-2351	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	54.41	30.28
		For Work In Restricted Working Space, Add	*13.75*	
23 21 13 23-2352	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	74.08	35.90
		For Work In Restricted Working Space, Add	*16.33*	
23 21 13 23-2353	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	109.25	41.03
		For Work In Restricted Working Space, Add	*18.66*	
23 21 13 23-2354	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	229.92	47.90
		For Work In Restricted Working Space, Add	*21.77*	
23 21 13 23-2355	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	690.39	71.42
		For Work In Restricted Working Space, Add	*32.46*	

23 21 13 23-2356 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2207)*

23 21 13 23-2357	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges	42.54	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2358	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	56.85	20.81
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-2359	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	69.72	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2360	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	81.69	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2361	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	92.47	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2362	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	117.37	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2363	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	163.55	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2364	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	189.06	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2365	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	247.52	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2366	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	343.62	138.76
		For Work In Restricted Working Space, Add	*62.40*	
23 21 13 23-2367	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	563.84	172.05
		For Work In Restricted Working Space, Add	*77.37*	
23 21 13 23-2368	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	1,009.28	213.27
		For Work In Restricted Working Space, Add	*95.92*	

23 21 13 23-2369 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2206)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2370 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2369)*

23 21 13 23-2371	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	4.60	2.80
		For Work In Restricted Working Space, Add	*1.25*	
23 21 13 23-2372	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.76	3.49
		For Work In Restricted Working Space, Add	*1.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2373	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	7.06	4.16
		For Work In Restricted Working Space, Add	*1.87*	
23 21 13 23-2374	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.42	4.84
		For Work In Restricted Working Space, Add	*2.18*	
23 21 13 23-2375	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.67	5.51
		For Work In Restricted Working Space, Add	*2.49*	
23 21 13 23-2376	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	12.38	6.97
		For Work In Restricted Working Space, Add	*3.12*	
23 21 13 23-2377	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	14.40	7.64
		For Work In Restricted Working Space, Add	*3.44*	
23 21 13 23-2378	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	16.40	8.32
		For Work In Restricted Working Space, Add	*3.74*	
23 21 13 23-2379	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	21.37	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2380	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	31.75	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2381	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	41.48	16.54
		For Work In Restricted Working Space, Add	*7.44*	
23 21 13 23-2382	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	78.07	17.80
		For Work In Restricted Working Space, Add	*8.02*	

23 21 13 23-2383 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2369)*

23 21 13 23-2384	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	18.61	10.45
		For Work In Restricted Working Space, Add	*4.68*	
		For Threaded Fittings, Add	*2.34*	
23 21 13 23-2385	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	24.72	13.84
		For Work In Restricted Working Space, Add	*6.24*	
		For Threaded Fittings, Add	*3.12*	
23 21 13 23-2386	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	32.14	17.22
		For Work In Restricted Working Space, Add	*7.74*	
		For Threaded Fittings, Add	*3.87*	
23 21 13 23-2387	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	44.92	24.39
		For Work In Restricted Working Space, Add	*10.95*	
		For Threaded Fittings, Add	*5.48*	
23 21 13 23-2388	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	50.16	27.48
		For Work In Restricted Working Space, Add	*12.35*	
		For Threaded Fittings, Add	*6.18*	
23 21 13 23-2389	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	63.21	34.93
		For Work In Restricted Working Space, Add	*15.69*	
		For Threaded Fittings, Add	*7.85*	
23 21 13 23-2390	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	102.97	51.68
		For Work In Restricted Working Space, Add	*23.22*	
		For Threaded Fittings, Add	*11.61*	
23 21 13 23-2391	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	130.58	67.93
		For Work In Restricted Working Space, Add	*30.56*	
		For Threaded Fittings, Add	*15.28*	
23 21 13 23-2392	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	164.58	80.70
		For Work In Restricted Working Space, Add	*36.29*	
		For Threaded Fittings, Add	*18.14*	
23 21 13 23-2393	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	295.83	92.21
		For Work In Restricted Working Space, Add	*41.47*	
		For Threaded Fittings, Add	*20.74*	
23 21 13 23-2394	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	503.85	107.60
		For Work In Restricted Working Space, Add	*48.38*	
		For Threaded Fittings, Add	*24.19*	
23 21 13 23-2395	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	626.59	160.43
		For Work In Restricted Working Space, Add	*72.14*	
		For Threaded Fittings, Add	*36.07*	

23 21 13 23-2396 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2369)*

23 21 13 23-2397	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.35	10.45
		For Work In Restricted Working Space, Add	*4.68*	
		For Threaded Fittings, Add	*2.34*	
23 21 13 23-2398	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.55	13.84
		For Work In Restricted Working Space, Add	*6.24*	
		For Threaded Fittings, Add	*3.12*	
23 21 13 23-2399	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	38.96	17.22
		For Work In Restricted Working Space, Add	*7.74*	
		For Threaded Fittings, Add	*3.87*	
23 21 13 23-2400	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	53.33	24.39
		For Work In Restricted Working Space, Add	*10.95*	
		For Threaded Fittings, Add	*5.48*	
23 21 13 23-2401	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	60.98	27.48
		For Work In Restricted Working Space, Add	*12.35*	
		For Threaded Fittings, Add	*6.18*	
23 21 13 23-2402	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	78.03	34.93
		For Work In Restricted Working Space, Add	*15.69*	
		For Threaded Fittings, Add	*7.85*	
23 21 13 23-2403	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	131.53	51.68
		For Work In Restricted Working Space, Add	*23.22*	
		For Threaded Fittings, Add	*11.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2404	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	167.72	67.93
		For Work In Restricted Working Space, Add	*30.56*	
		For Threaded Fittings, Add	*15.28*	
23 21 13 23-2405	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	239.60	80.70
		For Work In Restricted Working Space, Add	*36.29*	
		For Threaded Fittings, Add	*18.14*	
23 21 13 23-2406	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	287.60	92.21
		For Work In Restricted Working Space, Add	*41.47*	
		For Threaded Fittings, Add	*20.74*	
23 21 13 23-2407	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	485.14	107.60
		For Work In Restricted Working Space, Add	*48.38*	
		For Threaded Fittings, Add	*24.19*	
23 21 13 23-2408	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	605.55	160.43
		For Work In Restricted Working Space, Add	*72.14*	
		For Threaded Fittings, Add	*36.07*	
23 21 13 23-2409		**Schedule 80 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2369)*		
23 21 13 23-2410	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	33.08	16.35
		For Work In Restricted Working Space, Add	*7.35*	
		For Threaded Fittings, Add	*3.68*	
23 21 13 23-2411	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	40.20	20.81
		For Work In Restricted Working Space, Add	*9.36*	
		For Threaded Fittings, Add	*4.68*	
23 21 13 23-2412	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	52.41	27.48
		For Work In Restricted Working Space, Add	*12.35*	
		For Threaded Fittings, Add	*6.18*	
23 21 13 23-2413	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	83.36	34.93
		For Work In Restricted Working Space, Add	*15.69*	
		For Threaded Fittings, Add	*7.85*	
23 21 13 23-2414	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	93.48	41.61
		For Work In Restricted Working Space, Add	*18.73*	
		For Threaded Fittings, Add	*9.36*	
23 21 13 23-2415	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	116.29	51.68
		For Work In Restricted Working Space, Add	*23.22*	
		For Threaded Fittings, Add	*11.61*	
23 21 13 23-2416	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	144.15	67.93
		For Work In Restricted Working Space, Add	*30.56*	
		For Threaded Fittings, Add	*15.28*	
23 21 13 23-2417	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	173.74	80.70
		For Work In Restricted Working Space, Add	*36.29*	
		For Threaded Fittings, Add	*18.14*	
23 21 13 23-2418	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	222.46	107.60
		For Work In Restricted Working Space, Add	*48.38*	
		For Threaded Fittings, Add	*24.19*	
23 21 13 23-2419	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	417.16	138.76
		For Work In Restricted Working Space, Add	*62.43*	
		For Threaded Fittings, Add	*31.22*	
23 21 13 23-2420	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	742.93	172.14
		For Work In Restricted Working Space, Add	*77.41*	
		For Threaded Fittings, Add	*38.71*	
23 21 13 23-2421	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,812.57	257.19
		For Work In Restricted Working Space, Add	*115.69*	
		For Threaded Fittings, Add	*57.85*	
23 21 13 23-2422		**Schedule 80 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2369)*		
23 21 13 23-2423	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	44.06	20.41
		For Work In Restricted Working Space, Add	*9.19*	
		For Threaded Fittings, Add	*4.59*	
23 21 13 23-2424	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	53.10	26.03
		For Work In Restricted Working Space, Add	*11.70*	
		For Threaded Fittings, Add	*5.85*	
23 21 13 23-2425	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	69.10	34.35
		For Work In Restricted Working Space, Add	*15.44*	
		For Threaded Fittings, Add	*7.72*	
23 21 13 23-2426	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	114.06	43.64
		For Work In Restricted Working Space, Add	*19.61*	
		For Threaded Fittings, Add	*9.81*	
23 21 13 23-2427	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	126.72	52.06
		For Work In Restricted Working Space, Add	*23.41*	
		For Threaded Fittings, Add	*11.71*	
23 21 13 23-2428	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	157.71	64.54
		For Work In Restricted Working Space, Add	*29.03*	
		For Threaded Fittings, Add	*14.51*	
23 21 13 23-2429	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	193.63	84.96
		For Work In Restricted Working Space, Add	*38.20*	
		For Threaded Fittings, Add	*19.10*	
23 21 13 23-2430	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	233.94	100.82
		For Work In Restricted Working Space, Add	*45.36*	
		For Threaded Fittings, Add	*22.68*	
23 21 13 23-2431	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	297.53	134.50
		For Work In Restricted Working Space, Add	*60.48*	
		For Threaded Fittings, Add	*30.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2432	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	587.73	173.40
		For Work In Restricted Working Space, Add	*78.00*	
		For Threaded Fittings, Add	*39.00*	
23 21 13 23-2433	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,082.48	215.01
		For Work In Restricted Working Space, Add	*96.71*	
		For Threaded Fittings, Add	*48.36*	
23 21 13 23-2434	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,719.14	321.64
		For Work In Restricted Working Space, Add	*144.68*	
		For Threaded Fittings, Add	*72.34*	
23 21 13 23-2435		**Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2369)*		
23 21 13 23-2436	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	22.56	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2437	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	30.89	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2438	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	44.50	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2439	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	52.07	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2440	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	67.87	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2441	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	104.38	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2442	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	144.73	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2443	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	180.40	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2444	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	204.17	92.21
		For Work In Restricted Working Space, Add	*41.47*	
23 21 13 23-2445	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	307.62	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2446	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	500.36	124.92
		For Work In Restricted Working Space, Add	*56.21*	
23 21 13 23-2447		**Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2369)*		
23 21 13 23-2448	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	16.19	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2449	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	24.06	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2450	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	30.89	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2451	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	46.83	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2452	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	54.16	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2453	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	68.20	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2454	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	111.04	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2455	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	164.13	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2456	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	216.70	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2457		**Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters** *(23 21 13 23-2369)*		
23 21 13 23-2458	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	22.69	10.45
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-2459	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	28.63	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2460	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	39.46	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2461	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	52.49	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2462	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	64.15	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2463	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	82.27	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2464	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	111.54	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2465	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	139.74	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2466	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	188.31	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2467		**Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters** *(23 21 13 23-2369)*		
23 21 13 23-2468	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	20.77	10.45
		For Work In Restricted Working Space, Add	*4.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2469	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	28.47	13.84
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-2470	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	37.13	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2471	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	54.91	24.39
		For Work In Restricted Working Space, Add	*10.95*	
23 21 13 23-2472	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	63.73	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2473	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	91.59	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2474	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	139.51	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2475	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	171.79	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2476	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	241.17	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2477		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2369)*		
23 21 13 23-2478	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	21.10	10.45
		For Work In Restricted Working Space, Add	*4.68*	
		For Threaded Fittings, Add	*2.34*	
23 21 13 23-2479	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	28.22	13.84
		For Work In Restricted Working Space, Add	*6.24*	
		For Threaded Fittings, Add	*3.12*	
23 21 13 23-2480	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	33.47	17.22
		For Work In Restricted Working Space, Add	*7.74*	
		For Threaded Fittings, Add	*3.87*	
23 21 13 23-2481	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	48.25	24.39
		For Work In Restricted Working Space, Add	*10.95*	
		For Threaded Fittings, Add	*5.48*	
23 21 13 23-2482	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	53.82	27.48
		For Work In Restricted Working Space, Add	*12.35*	
		For Threaded Fittings, Add	*6.18*	
23 21 13 23-2483	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	65.79	34.93
		For Work In Restricted Working Space, Add	*15.69*	
		For Threaded Fittings, Add	*7.85*	
23 21 13 23-2484	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	110.79	51.68
		For Work In Restricted Working Space, Add	*23.22*	
		For Threaded Fittings, Add	*11.61*	
23 21 13 23-2485	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	140.24	67.93
		For Work In Restricted Working Space, Add	*30.56*	
		For Threaded Fittings, Add	*15.28*	
23 21 13 23-2486	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	169.08	80.70
		For Work In Restricted Working Space, Add	*36.29*	
		For Threaded Fittings, Add	*18.14*	
23 21 13 23-2487	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	241.72	92.21
		For Work In Restricted Working Space, Add	*41.47*	
		For Threaded Fittings, Add	*20.74*	
23 21 13 23-2488	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	302.13	107.60
		For Work In Restricted Working Space, Add	*48.38*	
		For Threaded Fittings, Add	*24.19*	
23 21 13 23-2489	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	589.10	115.34
		For Work In Restricted Working Space, Add	*51.86*	
		For Threaded Fittings, Add	*25.93*	
23 21 13 23-2490		**Schedule 80 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2369)*		
23 21 13 23-2491	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	38.13	17.22
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-2492	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	45.45	20.81
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-2493	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	57.40	27.48
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-2494	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	92.93	34.93
		For Work In Restricted Working Space, Add	*15.69*	
23 21 13 23-2495	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	114.70	41.61
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2496	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	148.26	51.68
		For Work In Restricted Working Space, Add	*23.22*	
23 21 13 23-2497	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	233.77	67.93
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-2498	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	290.99	80.70
		For Work In Restricted Working Space, Add	*36.29*	
23 21 13 23-2499	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	367.14	107.60
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-2500	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	483.31	138.76
		For Work In Restricted Working Space, Add	*62.40*	
23 21 13 23-2501	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	712.10	172.05
		For Work In Restricted Working Space, Add	*77.37*	
23 21 13 23-2502	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,068.38	213.27
		For Work In Restricted Working Space, Add	*95.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2503		**Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions** *(23 21 13 23-2369)*		
23 21 13 23-2504	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	39.17	21.50
23 21 13 23-2505	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	46.95	24.87
23 21 13 23-2506	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	56.99	29.32
23 21 13 23-2507	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	77.05	34.93
23 21 13 23-2508	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	92.93	41.61
23 21 13 23-2509	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	123.99	51.68
23 21 13 23-2510	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	268.12	100.15
23 21 13 23-2511	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	290.28	111.09
23 21 13 23-2512		**Schedule 80 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2369)*		
23 21 13 23-2513	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	14.77	4.65
		For Work In Restricted Working Space, Add	*2.11*	
		For Threaded Fittings, Add	*1.05*	
23 21 13 23-2514	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	17.53	6.19
		For Work In Restricted Working Space, Add	*2.81*	
		For Threaded Fittings, Add	*1.41*	
23 21 13 23-2515	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	26.09	7.64
		For Work In Restricted Working Space, Add	*3.48*	
		For Threaded Fittings, Add	*1.74*	
23 21 13 23-2516	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	33.91	10.84
		For Work In Restricted Working Space, Add	*4.93*	
		For Threaded Fittings, Add	*2.46*	
23 21 13 23-2517	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	36.01	12.19
		For Work In Restricted Working Space, Add	*5.56*	
		For Threaded Fittings, Add	*2.78*	
23 21 13 23-2518	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	49.75	15.58
		For Work In Restricted Working Space, Add	*7.06*	
		For Threaded Fittings, Add	*3.53*	
23 21 13 23-2519	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	88.69	23.03
		For Work In Restricted Working Space, Add	*10.45*	
		For Threaded Fittings, Add	*5.22*	
23 21 13 23-2520	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	111.69	30.28
		For Work In Restricted Working Space, Add	*13.75*	
		For Threaded Fittings, Add	*6.88*	
23 21 13 23-2521	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	160.33	35.90
		For Work In Restricted Working Space, Add	*16.33*	
		For Threaded Fittings, Add	*8.16*	
23 21 13 23-2522	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	325.28	41.03
		For Work In Restricted Working Space, Add	*18.66*	
		For Threaded Fittings, Add	*9.33*	
23 21 13 23-2523	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	433.97	47.90
		For Work In Restricted Working Space, Add	*21.77*	
		For Threaded Fittings, Add	*10.89*	
23 21 13 23-2524	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	773.64	71.42
		For Work In Restricted Working Space, Add	*32.46*	
		For Threaded Fittings, Add	*16.23*	
23 21 13 23-2525		**Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges** *(23 21 13 23-2369)*		
23 21 13 23-2526	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	49.70	17.22
		For Work In Restricted Working Space, Add	*7.74*	
		For Threaded Fittings, Add	*3.87*	
23 21 13 23-2527	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	56.85	20.81
		For Work In Restricted Working Space, Add	*9.36*	
		For Threaded Fittings, Add	*4.68*	
23 21 13 23-2528	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	69.73	27.48
		For Work In Restricted Working Space, Add	*12.35*	
		For Threaded Fittings, Add	*6.18*	
23 21 13 23-2529	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	81.69	34.93
		For Work In Restricted Working Space, Add	*15.69*	
		For Threaded Fittings, Add	*7.85*	
23 21 13 23-2530	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	92.47	41.61
		For Work In Restricted Working Space, Add	*18.73*	
		For Threaded Fittings, Add	*9.36*	
23 21 13 23-2531	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	117.37	51.68
		For Work In Restricted Working Space, Add	*23.22*	
		For Threaded Fittings, Add	*11.61*	
23 21 13 23-2532	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	163.55	67.93
		For Work In Restricted Working Space, Add	*30.56*	
		For Threaded Fittings, Add	*15.28*	
23 21 13 23-2533	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	189.06	80.70
		For Work In Restricted Working Space, Add	*36.29*	
		For Threaded Fittings, Add	*18.14*	
23 21 13 23-2534	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	247.52	107.60
		For Work In Restricted Working Space, Add	*48.38*	
		For Threaded Fittings, Add	*24.19*	
23 21 13 23-2535	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	343.63	138.76
		For Work In Restricted Working Space, Add	*62.40*	
		For Threaded Fittings, Add	*31.20*	
23 21 13 23-2536	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	563.84	172.05
		For Work In Restricted Working Space, Add	*77.37*	
		For Threaded Fittings, Add	*38.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2537		EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	1,009.28	213.27
			For Work In Restricted Working Space, Add	*95.92*	
			For Threaded Fittings, Add	*47.96*	
23 21 13 23-2538			**Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2206)*		
			Note: In place pipe.		
23 21 13 23-2539		EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.25	
			For Work In Restricted Working Space, Add	*1.58*	
23 21 13 23-2540		EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.67	
			For Work In Restricted Working Space, Add	*1.70*	
23 21 13 23-2541		EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.38	
			For Work In Restricted Working Space, Add	*1.91*	
23 21 13 23-2542		EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.70	
			For Work In Restricted Working Space, Add	*2.01*	
23 21 13 23-2543		EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.09	
			For Work In Restricted Working Space, Add	*2.13*	
23 21 13 23-2544		EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.80	
			For Work In Restricted Working Space, Add	*2.34*	
23 21 13 23-2545		EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.40	
			For Work In Restricted Working Space, Add	*2.52*	
23 21 13 23-2546		EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.92	
			For Work In Restricted Working Space, Add	*2.98*	
23 21 13 23-2547		EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	13.40	
			For Work In Restricted Working Space, Add	*4.02*	
23 21 13 23-2548		EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	19.14	
			For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-2549		EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	25.53	
			For Work In Restricted Working Space, Add	*7.66*	
23 21 13 23-2550		EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	31.22	
			For Work In Restricted Working Space, Add	*9.37*	
23 21 13 23-2551			**Polyvinylidene Fluoride (PVDF), Socket Weld** *(23 21 13 23)*		
23 21 13 23-2552			**Pipe** *(23 21 13 23-2551)*		
23 21 13 23-2553		LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	38.81	2.80
23 21 13 23-2554		LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	52.01	3.49
23 21 13 23-2555		LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	73.74	3.68
23 21 13 23-2556		LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	103.48	4.06
23 21 13 23-2557		LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	131.19	4.84
23 21 13 23-2558			**90 Degree Elbows** *(23 21 13 23-2551)*		
23 21 13 23-2559		EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.16	10.35
23 21 13 23-2560		EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	68.33	13.84
23 21 13 23-2561		EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	116.36	17.22
23 21 13 23-2562		EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	203.33	27.48
23 21 13 23-2563		EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	265.63	34.93
23 21 13 23-2564			**45 Degree Elbows** *(23 21 13 23-2551)*		
23 21 13 23-2565		EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	60.14	10.45
23 21 13 23-2566		EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	80.95	13.84
23 21 13 23-2567		EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	116.36	17.22
23 21 13 23-2568		EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	173.09	27.48
23 21 13 23-2569		EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	257.65	34.93
23 21 13 23-2570			**Tees** *(23 21 13 23-2551)*		
23 21 13 23-2571		EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	96.25	17.22
23 21 13 23-2572		EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	105.97	20.81
23 21 13 23-2573		EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	155.14	27.48
23 21 13 23-2574		EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	257.47	41.61
23 21 13 23-2575		EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	384.44	51.68
23 21 13 23-2576			**Reducing Tees** *(23 21 13 23-2551)*		
23 21 13 23-2577		EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.77	19.36
23 21 13 23-2578		EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	156.47	22.54
23 21 13 23-2579		EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	159.38	24.48
23 21 13 23-2580		EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	278.21	34.83
23 21 13 23-2581		EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	420.23	46.44
23 21 13 23-2582			**Socket Weld Reducing Couplings** *(23 21 13 23-2551)*		
23 21 13 23-2583		EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	57.92	12.29
23 21 13 23-2584		EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	75.11	14.22
23 21 13 23-2585		EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	82.34	16.16
23 21 13 23-2586		EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	128.72	19.36
23 21 13 23-2587		EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	137.28	21.29

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23 21 13 23-2588	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	139.21	22.54
23 21 13 23-2589	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	196.28	31.65
23 21 13 23-2590		**Male Adapters, Socket Weld X Male Thread** *(23 21 13 23-2551)*		
23 21 13 23-2591	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	86.05	10.45
23 21 13 23-2592	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.53	13.84
23 21 13 23-2593	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	125.50	17.22
23 21 13 23-2594	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	158.14	27.48
23 21 13 23-2595	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	216.07	34.83
23 21 13 23-2596		**Female Adapters, Socket Weld X Female Thread** *(23 21 13 23-2551)*		
23 21 13 23-2597	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	86.05	10.45
23 21 13 23-2598	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.86	13.84
23 21 13 23-2599	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	125.50	17.22
23 21 13 23-2600	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	158.14	27.48
23 21 13 23-2601	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	216.12	34.93
23 21 13 23-2602		**Socket Weld Couplings** *(23 21 13 23-2551)*		
23 21 13 23-2603	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	40.53	10.45
23 21 13 23-2604	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.71	13.84
23 21 13 23-2605	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	67.35	17.22
23 21 13 23-2606	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	127.56	27.48
23 21 13 23-2607	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	176.91	34.93
23 21 13 23-2608		**Socket Weld Unions** *(23 21 13 23-2551)*		
23 21 13 23-2609	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	180.32	17.22
23 21 13 23-2610	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	215.96	20.81
23 21 13 23-2611	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	312.65	27.48
23 21 13 23-2612	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	552.54	41.61
23 21 13 23-2613	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	680.51	51.68
23 21 13 23-2614		**Caps** *(23 21 13 23-2551)*		
23 21 13 23-2615	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	32.44	5.20
23 21 13 23-2616	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	46.12	6.93
23 21 13 23-2617	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	58.06	8.57
23 21 13 23-2618	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	103.67	13.71
23 21 13 23-2619	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	148.41	17.40
23 21 13 23-2620		**150 LB Socket Weld Flanges** *(23 21 13 23-2551)*		
23 21 13 23-2621	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	119.18	17.42
23 21 13 23-2622	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	150.83	20.61
23 21 13 23-2623	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	198.67	27.77
23 21 13 23-2624	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	285.05	42.00
23 21 13 23-2625	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	459.54	51.68
23 21 13 23-2626		**Polyethylene Pipe And Fittings** *(23 21 13 23)*		
23 21 13 23-2627		**Small Diameter Tubing** *(23 21 13 23-2626)*		
23 21 13 23-2628		**Tubing** *(23 21 13 23-2627)*		
23 21 13 23-2629	LF	1/4" Polyethylene Tubing	3.10	
		For Work In Restricted Working Space, Add	*0.88*	
23 21 13 23-2630	LF	5/16" Polyethylene Tubing	3.31	
		For Work In Restricted Working Space, Add	*0.89*	
23 21 13 23-2631	LF	3/8" Polyethylene Tubing	3.47	
		For Work In Restricted Working Space, Add	*0.91*	
23 21 13 23-2632	LF	1/2" Polyethylene Tubing	3.60	
		For Work In Restricted Working Space, Add	*0.98*	
23 21 13 23-2633		**Chrome Plated Pipe** *(23 21 13 23)*		
23 21 13 23-2634		**Chrome Plated Nipples** *(23 21 13 23-2633)*		
23 21 13 23-2635		**Close** *(23 21 13 23-2634)*		
23 21 13 23-2636	EA	1/4" Diameter Chrome Plated Nipple, Close	19.56	8.40
23 21 13 23-2637	EA	3/8" Diameter Chrome Plated Nipple, Close	18.43	9.14
23 21 13 23-2638	EA	1/2" Diameter Chrome Plated Nipple, Close	23.12	10.51
23 21 13 23-2639	EA	3/4" Diameter Chrome Plated Nipple, Close	30.45	13.34
23 21 13 23-2640	EA	1" Diameter Chrome Plated Nipple, Close	40.86	17.54
23 21 13 23-2641	EA	1-1/4" Diameter Chrome Plated Nipple, Close	57.95	24.48
23 21 13 23-2642	EA	1-1/2" Diameter Chrome Plated Nipple, Close	71.02	28.69
23 21 13 23-2643	EA	2" Diameter Chrome Plated Nipple, Close	91.86	35.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2644		**1-1/2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2645	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	20.95	8.73
23 21 13 23-2646	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple	19.50	9.45
23 21 13 23-2647	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple	23.67	10.82
23 21 13 23-2648	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	31.56	13.66
23 21 13 23-2649		**2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2650	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple	21.79	9.14
23 21 13 23-2651	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple	20.17	9.77
23 21 13 23-2652	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple	25.62	11.24
23 21 13 23-2653	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple	33.21	13.98
23 21 13 23-2654	EA	1" Diameter, 2" Length, Chrome Plated Nipple	43.29	18.18
23 21 13 23-2655	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple	62.05	25.22
23 21 13 23-2656	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple	75.79	29.42
23 21 13 23-2657		**2-1/2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2658	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	23.09	9.45
23 21 13 23-2659	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple	20.91	10.19
23 21 13 23-2660	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	26.76	11.56
23 21 13 23-2661	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	34.01	14.40
23 21 13 23-2662	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple	44.57	18.60
23 21 13 23-2663	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	66.08	25.53
23 21 13 23-2664	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	81.21	29.73
23 21 13 23-2665	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple	103.60	36.78
23 21 13 23-2666		**3" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2667	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple	24.07	9.77
23 21 13 23-2668	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple	22.21	10.51
23 21 13 23-2669	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple	26.47	11.24
23 21 13 23-2670	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple	36.93	14.71
23 21 13 23-2671	EA	1" Diameter, 3" Length, Chrome Plated Nipple	50.61	18.91
23 21 13 23-2672	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple	70.49	25.96
23 21 13 23-2673	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple	94.07	30.16
23 21 13 23-2674	EA	2" Diameter, 3" Length, Chrome Plated Nipple	113.66	37.19
23 21 13 23-2675		**3-1/2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2676	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	25.19	10.19
23 21 13 23-2677	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple	24.52	10.82
23 21 13 23-2678	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	29.20	12.29
23 21 13 23-2679	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	41.28	15.02
23 21 13 23-2680	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple	52.89	19.22
23 21 13 23-2681	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	79.24	26.27
23 21 13 23-2682	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	97.88	30.47
23 21 13 23-2683	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple	121.66	37.51
23 21 13 23-2684		**4" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2685	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple	26.30	10.51
23 21 13 23-2686	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple	25.11	11.24
23 21 13 23-2687	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple	29.59	11.87
23 21 13 23-2688	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple	42.94	15.45
23 21 13 23-2689	EA	1" Diameter, 4" Length, Chrome Plated Nipple	55.05	19.65
23 21 13 23-2690	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple	85.88	26.58
23 21 13 23-2691	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple	105.76	30.78
23 21 13 23-2692	EA	2" Diameter, 4" Length, Chrome Plated Nipple	131.44	37.83
23 21 13 23-2693		**4-1/2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2694	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	27.28	10.82
23 21 13 23-2695	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple	27.41	11.56
23 21 13 23-2696	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	32.47	12.93
23 21 13 23-2697	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	44.87	15.76
23 21 13 23-2698	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple	62.75	19.96
23 21 13 23-2699	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	92.26	27.00
23 21 13 23-2700	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	109.24	31.21
23 21 13 23-2701	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple	140.44	38.25
23 21 13 23-2702		**5" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2703	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple	30.87	11.24
23 21 13 23-2704	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple	28.82	11.87
23 21 13 23-2705	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple	33.68	13.34
23 21 13 23-2706	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple	46.70	16.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2707	EA	1" Diameter, 5" Length, Chrome Plated Nipple	67.40	20.28
23 21 13 23-2708	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple	98.03	27.32
23 21 13 23-2709	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple	117.16	31.52
23 21 13 23-2710	EA	2" Diameter, 5" Length, Chrome Plated Nipple	146.21	38.56
23 21 13 23-2711		**5-1/2" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2712	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	31.89	11.56
23 21 13 23-2713	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple	29.90	12.29
23 21 13 23-2714	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	37.26	13.66
23 21 13 23-2715	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	48.53	16.49
23 21 13 23-2716	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple	69.78	20.70
23 21 13 23-2717	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	105.06	27.63
23 21 13 23-2718	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	123.46	31.84
23 21 13 23-2719	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple	153.58	38.87
23 21 13 23-2720		**6" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2721	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple	33.10	11.87
23 21 13 23-2722	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple	30.45	12.61
23 21 13 23-2723	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple	38.36	13.98
23 21 13 23-2724	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple	50.01	16.81
23 21 13 23-2725	EA	1" Diameter, 6" Length, Chrome Plated Nipple	77.24	21.02
23 21 13 23-2726	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple	109.33	28.05
23 21 13 23-2727	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple	133.21	32.25
23 21 13 23-2728	EA	2" Diameter, 6" Length, Chrome Plated Nipple	160.35	39.30
23 21 13 23-2729		**8" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2730	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple	36.96	13.34
23 21 13 23-2731	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple	56.44	14.71
23 21 13 23-2732	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple	68.75	17.54
23 21 13 23-2733	EA	1" Diameter, 8" Length, Chrome Plated Nipple	91.95	21.75
23 21 13 23-2734	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple	132.83	28.69
23 21 13 23-2735	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple	164.00	32.89
23 21 13 23-2736	EA	2" Diameter, 8" Length, Chrome Plated Nipple	202.31	39.93
23 21 13 23-2737		**10" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2738	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple	43.39	13.34
23 21 13 23-2739	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple	64.54	14.71
23 21 13 23-2740	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple	78.13	17.54
23 21 13 23-2741	EA	1" Diameter, 10" Length, Chrome Plated Nipple	106.14	21.75
23 21 13 23-2742	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple	163.19	28.69
23 21 13 23-2743	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple	187.13	32.89
23 21 13 23-2744	EA	2" Diameter, 10" Length, Chrome Plated Nipple	239.30	39.93
23 21 13 23-2745		**12" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2746	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple	48.47	14.71
23 21 13 23-2747	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple	67.56	15.45
23 21 13 23-2748	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple	86.71	18.18
23 21 13 23-2749	EA	1" Diameter, 12" Length, Chrome Plated Nipple	125.48	23.11
23 21 13 23-2750	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple	183.86	30.16
23 21 13 23-2751	EA	2" Diameter, 12" Length, Chrome Plated Nipple	271.00	41.40
23 21 13 23-2752		**18" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2753	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple	63.04	15.45
23 21 13 23-2754		**24" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2755	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple	76.96	16.07
23 21 13 23-2756		**30" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2757	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple	85.77	16.81
23 21 13 23-2758		**36" Nipples** *(23 21 13 23-2634)*		
23 21 13 23-2759	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple	94.57	17.54
23 21 13 23-2760		**Chrome Plated Fittings** *(23 21 13 23-2633)*		
23 21 13 23-2761		**Chrome Plated 90 Degree Elbows** *(23 21 13 23-2760)*		
23 21 13 23-2762	EA	1/4" 90 Degree Elbow, Chrome Plated	25.52	9.77
23 21 13 23-2763	EA	3/8" 90 Degree Elbow, Chrome Plated	25.88	10.51
23 21 13 23-2764	EA	1/2" 90 Degree Elbow, Chrome Plated	29.31	11.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2765	EA	3/4" 90 Degree Elbow, Chrome Plated	37.29	14.71
23 21 13 23-2766	EA	1" 90 Degree Elbow, Chrome Plated	50.95	18.91
23 21 13 23-2767	EA	1-1/4" 90 Degree Elbow, Chrome Plated	79.37	25.96
23 21 13 23-2768	EA	1-1/2" 90 Degree Elbow, Chrome Plated	95.67	30.16
23 21 13 23-2769	EA	2" 90 Degree Elbow, Chrome Plated	132.26	37.19
23 21 13 23-2770		**Chrome Plated Street 90 Degree Elbows** *(23 21 13 23-2760)*		
23 21 13 23-2771	EA	1/4" Street 90 Degree Elbow, Chrome Plated	30.05	9.77
23 21 13 23-2772	EA	3/8" Street 90 Degree Elbow, Chrome Plated	30.85	10.51
23 21 13 23-2773	EA	1/2" Street 90 Degree Elbow, Chrome Plated	32.77	11.24
23 21 13 23-2774	EA	3/4" Street 90 Degree Elbow, Chrome Plated	42.38	14.71
23 21 13 23-2775	EA	1" Street 90 Degree Elbow, Chrome Plated	60.35	18.91
23 21 13 23-2776	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	89.01	25.96
23 21 13 23-2777	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	109.17	30.16
23 21 13 23-2778	EA	2" Street 90 Degree Elbow, Chrome Plated	164.04	37.19
23 21 13 23-2779		**Chrome Plated 45 Degree Elbows** *(23 21 13 23-2760)*		
23 21 13 23-2780	EA	1/4" 45 Degree Elbow, Chrome Plated	26.52	9.77
23 21 13 23-2781	EA	3/8" 45 Degree Elbow, Chrome Plated	27.31	10.51
23 21 13 23-2782	EA	1/2" 45 Degree Elbow, Chrome Plated	30.34	11.24
23 21 13 23-2783	EA	3/4" 45 Degree Elbow, Chrome Plated	41.18	14.71
23 21 13 23-2784	EA	1" 45 Degree Elbow, Chrome Plated	55.31	18.91
23 21 13 23-2785	EA	1-1/4" 45 Degree Elbow, Chrome Plated	84.60	25.96
23 21 13 23-2786	EA	1-1/2" 45 Degree Elbow, Chrome Plated	102.66	30.16
23 21 13 23-2787	EA	2" 45 Degree Elbow, Chrome Plated	151.48	37.19
23 21 13 23-2788		**Chrome Plated Street 45 Degree Elbows** *(23 21 13 23-2760)*		
23 21 13 23-2789	EA	1/2" Street 45 Degree Elbow, Chrome Plated	36.56	11.24
23 21 13 23-2790		**Chrome Plated Couplings** *(23 21 13 23-2760)*		
23 21 13 23-2791	EA	1/4" Coupling, Chrome Plated	24.91	9.77
23 21 13 23-2792	EA	3/8" Coupling, Chrome Plated	25.96	10.51
23 21 13 23-2793	EA	1/2" Coupling, Chrome Plated	29.57	11.24
23 21 13 23-2794	EA	3/4" Coupling, Chrome Plated	37.39	14.71
23 21 13 23-2795	EA	1" Coupling, Chrome Plated	48.80	18.91
23 21 13 23-2796	EA	1-1/4" Coupling, Chrome Plated	71.54	25.96
23 21 13 23-2797	EA	1-1/2" Coupling, Chrome Plated	89.11	30.16
23 21 13 23-2798	EA	2" Coupling, Chrome Plated	124.25	37.19
23 21 13 23-2799		**Chrome Plated Unions** *(23 21 13 23-2760)*		
23 21 13 23-2800	EA	1/4" Union, Chrome Plated	41.43	11.24
23 21 13 23-2801	EA	3/8" Union, Chrome Plated	42.50	11.87
23 21 13 23-2802	EA	1/2" Union, Chrome Plated	51.72	13.34
23 21 13 23-2803	EA	3/4" Union, Chrome Plated	63.82	17.54
23 21 13 23-2804	EA	1" Union, Chrome Plated	80.63	22.38
23 21 13 23-2805	EA	1-1/4" Union, Chrome Plated	132.71	30.16
23 21 13 23-2806	EA	1-1/2" Union, Chrome Plated	165.80	35.72
23 21 13 23-2807	EA	2" Union, Chrome Plated	217.39	43.50
23 21 13 23-2808		**Chrome Plated Caps** *(23 21 13 23-2760)*		
23 21 13 23-2809	EA	1/4" Cap, Chrome Plated	17.30	4.94
23 21 13 23-2810	EA	3/8" Cap, Chrome Plated	17.82	5.25
23 21 13 23-2811	EA	1/2" Cap, Chrome Plated	20.47	5.57
23 21 13 23-2812	EA	3/4" Cap, Chrome Plated	25.42	7.36
23 21 13 23-2813	EA	1" Cap, Chrome Plated	29.99	9.45
23 21 13 23-2814	EA	1-1/4" Cap, Chrome Plated	44.58	12.93
23 21 13 23-2815	EA	1-1/2" Cap, Chrome Plated	59.37	15.02
23 21 13 23-2816	EA	2" Cap, Chrome Plated	87.56	19.65
23 21 13 23-2817		**Chrome Plated Plugs** *(23 21 13 23-2760)*		
23 21 13 23-2818	EA	1/4" Plug, Chrome Plated	13.84	4.94
23 21 13 23-2819	EA	3/8" Plug, Chrome Plated	14.36	5.25
23 21 13 23-2820	EA	1/2" Plug, Chrome Plated	16.83	5.57
23 21 13 23-2821	EA	3/4" Plug, Chrome Plated	22.83	7.36
23 21 13 23-2822	EA	1" Plug, Chrome Plated	28.01	9.45
23 21 13 23-2823	EA	1-1/4" Plug, Chrome Plated	37.77	12.93
23 21 13 23-2824	EA	1-1/2" Plug, Chrome Plated	46.90	15.02
23 21 13 23-2825	EA	2" Plug, Chrome Plated	65.86	19.65
23 21 13 23-2826		**Chrome Plated Tees** *(23 21 13 23-2760)*		
23 21 13 23-2827	EA	1/4" Chrome Plated Tee	35.11	14.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2828	EA	3/8" Chrome Plated Tee	37.20	16.07
23 21 13 23-2829	EA	1/2" Chrome Plated Tee	41.61	17.54
23 21 13 23-2830	EA	3/4" Chrome Plated Tee	51.86	21.75
23 21 13 23-2831	EA	1" Chrome Plated Tee	74.66	28.05
23 21 13 23-2832	EA	1-1/4" Chrome Plated Tee	102.96	38.56
23 21 13 23-2833	EA	1-1/2" Chrome Plated Tee	133.26	44.87
23 21 13 23-2834	EA	2" Chrome Plated Tee	184.81	55.37
23 21 13 23-2835		Chrome Plated Reducing 90 Degree Elbows *(23 21 13 23-2760)*		
23 21 13 23-2836	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	39.31	17.54
23 21 13 23-2837	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	45.61	21.75
23 21 13 23-2838		Chrome Plated Bell Reducers *(23 21 13 23-2760)*		
23 21 13 23-2839	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	43.48	17.54
23 21 13 23-2840	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	52.81	21.75
23 21 13 23-2841	EA	1" x 1/2" Bell Reducer, Chrome Plated	66.95	28.05
23 21 13 23-2842		Chrome Plated Reducing Tees *(23 21 13 23-2760)*		
23 21 13 23-2843	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	58.11	21.75
23 21 13 23-2844		Chrome Plated Bushings *(23 21 13 23-2760)*		
23 21 13 23-2845	EA	3/8" x 1/4" Bushing, Chrome Plated	13.74	4.94
23 21 13 23-2846	EA	1/2" x 1/4" Bushing, Chrome Plated	14.80	5.25
23 21 13 23-2847	EA	1/2" x 3/8" Bushing, Chrome Plated	15.32	5.57
23 21 13 23-2848	EA	3/4" x 1/2" Bushing, Chrome Plated	19.40	7.36
23 21 13 23-2849	EA	1" x 3/4" Bushing, Chrome Plated	28.68	9.45
23 21 13 23-2850	EA	1-1/4" x 1" Bushing, Chrome Plated	42.25	12.93
23 21 16		**Hydronic Piping Specialties** *(23 21)*		
23 21 16 00-0001		Air Vents *(23 21 16)*		
23 21 16 00-0002		Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0003	EA	1/2" NPT, Cast Iron, Automatic Air Vent	377.12	30.48
23 21 16 00-0004	EA	3/4" NPT, Cast Iron, Automatic Air Vent	459.69	40.47
23 21 16 00-0005	EA	1" NPT, Cast Iron, Automatic Air Vent	1,086.81	42.05
23 21 16 00-0006	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,609.61	64.96
23 21 16 00-0007	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,713.55	69.90
23 21 16 00-0008	EA	2" NPT, Cast Iron, Automatic Air Vent	3,106.57	92.19
23 21 16 00-0009		Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0010	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,199.65	35.21
23 21 16 00-0011	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,758.31	40.47
23 21 16 00-0012	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,293.93	42.05
23 21 16 00-0013	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,406.31	65.17
23 21 16 00-0014	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,246.26	69.90
23 21 16 00-0015	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	9,187.40	91.97
23 21 16 00-0016		Automatic Air Vent *(23 21 16 00-0001)*		
23 21 16 00-0017	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	227.57	40.47
23 21 16 00-0018	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	249.42	42.05
23 21 16 00-0019	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	352.60	64.96
23 21 16 00-0020	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	437.03	69.90
23 21 16 00-0021	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	559.37	75.33
23 21 16 00-0022		Manual Air Vent *(23 21 16 00-0001)*		
23 21 16 00-0023	EA	Manual Air Vent	71.95	37.94
23 21 16 00-0024		Air Release Valves *(23 21 16 00-0001)*		
23 21 16 00-0025		Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0024)*		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0026	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	194.53	15.77
23 21 16 00-0027	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	198.74	17.87
23 21 16 00-0028	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	207.15	22.08
23 21 16 00-0029		Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0024)*		
		Note: Up to 175 psi. Stainless steel float.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0030	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	805.85	22.08
23 21 16 00-0031	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	964.17	38.37
23 21 16 00-0032	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,263.17	89.46
23 21 16 00-0033		**Cast Iron, Air/Vacuum Valves** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0034	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	388.58	15.77
23 21 16 00-0035	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	478.82	22.08
23 21 16 00-0036	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	827.05	38.37
23 21 16 00-0037	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,201.07	89.46
23 21 16 00-0038	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,877.22	150.17
23 21 16 00-0039	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	2,863.47	189.89
23 21 16 00-0040		**Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0041	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	696.15	22.08
23 21 16 00-0042	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,067.67	38.37
23 21 16 00-0043	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,964.33	89.46
23 21 16 00-0044	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,542.15	150.17
23 21 16 00-0045		**Vent Valves** *(23 21 16)*		
23 21 16 00-0046	EA	1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	74.88	15.77
23 21 16 00-0047	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	183.74	16.96
23 21 16 00-0048	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	175.05	16.96
23 21 16 00-0049	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	181.13	16.96
23 21 16 00-0050	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	234.37	16.96
23 21 16 00-0051	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	172.66	16.96
23 21 16 00-0052		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0053		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0054	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	275.42	26.52
		For Flanged Inlet, Add	*115.87*	
23 21 16 00-0055	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	309.63	31.42
		For Flanged Inlet, Add	*124.39*	
23 21 16 00-0056	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	393.35	36.33
		For Flanged Inlet, Add	*167.82*	
23 21 16 00-0057	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	600.65	41.24
		For Flanged Inlet, Add	*295.27*	
23 21 16 00-0058	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	676.39	49.10
		For Flanged Inlet, Add	*326.40*	
23 21 16 00-0059	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	946.95	61.86
		For Flanged Inlet, Add	*476.99*	
23 21 16 00-0060	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	2,193.89	81.50
		For Flanged Inlet, Add	*1,269.27*	
23 21 16 00-0061		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0062	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	558.63	26.52
		For Flanged Inlet, Add	*308.45*	
23 21 16 00-0063	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	676.35	31.42
		For Flanged Inlet, Add	*373.76*	
23 21 16 00-0064	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	965.72	36.33
		For Flanged Inlet, Add	*557.03*	
23 21 16 00-0065	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	985.59	41.24
		For Flanged Inlet, Add	*557.03*	
23 21 16 00-0066	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,418.59	49.10
		For Flanged Inlet, Add	*831.10*	
23 21 16 00-0067	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,467.69	61.86
		For Flanged Inlet, Add	*831.10*	
23 21 16 00-0068	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,426.12	81.50
		For Flanged Inlet, Add	*1,427.19*	
23 21 16 00-0069		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0070		**Screwed Ends, 250 LB, Iron Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0071	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	75.56	11.77
		For Galvanized Body, Add	*20.96*	
		For Work In Restricted Working Space, Add	*10.09*	
23 21 16 00-0072	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	76.08	11.99
		For Galvanized Body, Add	*20.96*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 16 00-0073	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	96.29	16.19
		For Galvanized Body, Add	*25.02*	
		For Work In Restricted Working Space, Add	*13.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0074	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	122.81	19.34
		For Galvanized Body, Add	*33.81*	
		For Work In Restricted Working Space, Add	*16.56*	
23 21 16 00-0075	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	160.97	23.91
		For Galvanized Body, Add	*46.32*	
		For Work In Restricted Working Space, Add	*20.50*	
23 21 16 00-0076	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	185.15	25.76
		For Galvanized Body, Add	*55.79*	
		For Work In Restricted Working Space, Add	*22.07*	
23 21 16 00-0077	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	255.84	29.43
		For Galvanized Body, Add	*85.88*	
		For Work In Restricted Working Space, Add	*25.23*	
23 21 16 00-0078	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	491.23	36.79
		For Galvanized Body, Add	*193.06*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 16 00-0079	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	635.85	46.04
		For Galvanized Body, Add	*252.23*	
		For Work In Restricted Working Space, Add	*39.42*	

23 21 16 00-0080 Flanged, 125 LB, Iron Body , Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0081	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer	283.24	110.37
		For Galvanized Body, Add	*72.47*	
		For Work In Restricted Working Space, Add	*41.49*	
23 21 16 00-0082	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer	332.04	140.12
		For Galvanized Body, Add	*78.42*	
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0083	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer	597.54	178.70
		For Galvanized Body, Add	*186.95*	
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0084	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer	799.71	299.58
		For Galvanized Body, Add	*212.15*	
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0085	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer	851.32	301.77
		For Galvanized Body, Add	*237.34*	
		For Work In Restricted Working Space, Add	*112.99*	
23 21 16 00-0086	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,010.16	335.31
		For Galvanized Body, Add	*294.77*	
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0087	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,693.31	428.44
		For Galvanized Body, Add	*580.55*	
		For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0088	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer	3,239.83	521.58
		For Galvanized Body, Add	*1,293.93*	
		For Work In Restricted Working Space, Add	*195.59*	
23 21 16 00-0089	EA	12" Flanged, 125 LB, Iron Body, Y-Type Strainer	3,622.19	465.70
		For Galvanized Body, Add	*1,345.40*	
		For Work In Restricted Working Space, Add	*279.42*	

23 21 16 00-0090 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0091	EA	1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	63.70	11.99
		For 300 LB Rating, Add	*50.22*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 16 00-0092	EA	3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	84.65	16.19
		For 300 LB Rating, Add	*65.28*	
		For Work In Restricted Working Space, Add	*13.88*	
23 21 16 00-0093	EA	1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	103.56	19.34
		For 300 LB Rating, Add	*82.23*	
		For Work In Restricted Working Space, Add	*16.56*	
23 21 16 00-0094	EA	1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	128.89	23.91
		For 300 LB Rating, Add	*102.95*	
		For Work In Restricted Working Space, Add	*20.50*	
23 21 16 00-0095	EA	1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	152.23	25.76
		For 300 LB Rating, Add	*133.71*	
		For Work In Restricted Working Space, Add	*22.07*	
23 21 16 00-0096	EA	2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	211.85	29.43
		For 300 LB Rating, Add	*217.19*	
		For Work In Restricted Working Space, Add	*25.23*	
23 21 16 00-0097	EA	2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	315.97	36.79
		For 300 LB Rating, Add	*358.45*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 16 00-0098	EA	3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	568.57	46.04
		For 300 LB Rating, Add	*743.19*	
		For Work In Restricted Working Space, Add	*39.42*	
23 21 16 00-0099	EA	4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	987.35	55.19
		For 300 LB Rating, Add	*1,410.44*	
		For Work In Restricted Working Space, Add	*47.30*	

23 21 16 00-0100 Flanged, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With bolted cap.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0101		EA	2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	542.17	140.12
			For 300 LB Rating, Add	*220.18*	
			For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0102		EA	2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	565.01	152.42
			For 300 LB Rating, Add	*224.33*	
			For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0103		EA	3" Flanged, 150 LB, Bronze Body, Y-Type Strainer	651.79	178.70
			For 300 LB Rating, Add	*256.88*	
			For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0104		EA	4" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,415.72	299.58
			For 300 LB Rating, Add	*624.18*	
			For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0105		EA	6" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,997.55	335.31
			For 300 LB Rating, Add	*946.15*	
			For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0106		EA	8" Flanged, 150 LB, Bronze Body, Y-Type Strainer	3,223.35	428.44
			For 300 LB Rating, Add	*1,614.68*	
			For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0107		EA	10" Flanged, 150 LB, Bronze Body, Y-Type Strainer	10,310.81	521.58
			For 300 LB Rating, Add	*5,795.30*	
			For Work In Restricted Working Space, Add	*195.59*	

23 21 16 00-0108 Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0109 Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0108)*

23 21 16 00-0110		EA	1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	90.67	11.56
			For Work In Restricted Working Space, Add	*10.09*	
23 21 16 00-0111		EA	3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	108.93	15.87
			For Work In Restricted Working Space, Add	*13.55*	
23 21 16 00-0112		EA	1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	131.58	21.54
			For Work In Restricted Working Space, Add	*18.60*	
23 21 16 00-0113		EA	1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	193.95	23.11
			For Work In Restricted Working Space, Add	*19.86*	
23 21 16 00-0114		EA	1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	198.08	25.01
			For Work In Restricted Working Space, Add	*21.44*	
23 21 16 00-0115		EA	2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	230.98	28.37
			For Work In Restricted Working Space, Add	*24.27*	
23 21 16 00-0116		EA	2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	462.28	36.78
			For Work In Restricted Working Space, Add	*31.52*	
23 21 16 00-0117		EA	3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	466.22	46.02
			For Work In Restricted Working Space, Add	*39.40*	
23 21 16 00-0118		EA	4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	726.39	48.96
			For Work In Restricted Working Space, Add	*41.92*	

23 21 16 00-0119 Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0108)*

23 21 16 00-0120		EA	2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	380.64	65.67
			For Work In Restricted Working Space, Add	*39.40*	
23 21 16 00-0121		EA	2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	715.75	85.64
			For Work In Restricted Working Space, Add	*51.38*	
23 21 16 00-0122		EA	3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	740.77	178.62
			For Work In Restricted Working Space, Add	*67.07*	
23 21 16 00-0123		EA	4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,208.73	299.45
			For Work In Restricted Working Space, Add	*112.58*	

23 21 16 00-0124 Class 125, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: Nibco®

23 21 16 00-0125		EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	155.92	10.51
			For Work In Restricted Working Space, Add	*7.09*	
23 21 16 00-0126		EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	180.67	11.56
			For Work In Restricted Working Space, Add	*8.08*	
23 21 16 00-0127		EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	257.86	13.13
			For Work In Restricted Working Space, Add	*9.65*	
23 21 16 00-0128		EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	346.55	13.98
			For Work In Restricted Working Space, Add	*10.64*	
23 21 16 00-0129		EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	417.60	16.18
			For Work In Restricted Working Space, Add	*11.82*	
23 21 16 00-0130		EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	619.63	19.12
			For Work In Restricted Working Space, Add	*14.18*	

23 21 16 00-0131 250 PSI, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0132		EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	68.90	10.51
23 21 16 00-0133		EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	83.99	11.56
23 21 16 00-0134		EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	122.70	13.13
23 21 16 00-0135		EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	149.76	13.98
23 21 16 00-0136		EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	178.55	16.18
23 21 16 00-0137		EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	234.23	19.12

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0138		Cast Iron Body, Suction Diffusers *(23 21 16)*			
		Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.			
23 21 16 00-0139	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser		531.49	41.42
		For Work In Restricted Working Space, Add		*20.28*	
23 21 16 00-0140	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser		557.53	45.94
		For Work In Restricted Working Space, Add		*22.52*	
23 21 16 00-0141	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser		565.96	48.24
		For Work In Restricted Working Space, Add		*23.66*	
23 21 16 00-0142	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,063.24	152.42
		For Work In Restricted Working Space, Add		*57.34*	
23 21 16 00-0143	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser		583.33	56.13
		For Work In Restricted Working Space, Add		*27.48*	
23 21 16 00-0144	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser		662.19	56.13
		For Work In Restricted Working Space, Add		*27.48*	
23 21 16 00-0145	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,111.98	165.91
		For Work In Restricted Working Space, Add		*62.21*	
23 21 16 00-0146	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,132.89	178.70
		For Work In Restricted Working Space, Add		*67.10*	
23 21 16 00-0147	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,371.13	239.63
		For Work In Restricted Working Space, Add		*89.86*	
23 21 16 00-0148	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,609.38	299.58
		For Work In Restricted Working Space, Add		*112.63*	
23 21 16 00-0149	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		1,851.83	301.30
		For Work In Restricted Working Space, Add		*112.99*	
23 21 16 00-0150	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		2,243.74	335.31
		For Work In Restricted Working Space, Add		*126.19*	
23 21 16 00-0151	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		2,526.97	428.44
		For Work In Restricted Working Space, Add		*159.67*	
23 21 16 00-0152	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		3,960.41	428.44
		For Work In Restricted Working Space, Add		*159.67*	
23 21 16 00-0153	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		4,516.22	521.58
		For Work In Restricted Working Space, Add		*195.59*	
23 21 16 00-0154	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser		5,300.21	521.58
		For Work In Restricted Working Space, Add		*195.59*	
23 21 16 00-0155		Duplex Strainers *(23 21 16)*			
23 21 16 00-0156		Iron Body, Duplex Strainers *(23 21 16 00-0155)*			
23 21 16 00-0157		Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0156)*			
		Note: With brass or stainless steel basket.			
23 21 16 00-0158	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		805.67	26.18
		For Work In Restricted Working Space, Add		*15.71*	
23 21 16 00-0159	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		899.56	29.96
		For Work In Restricted Working Space, Add		*17.99*	
23 21 16 00-0160	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		1,219.94	35.21
		For Work In Restricted Working Space, Add		*21.12*	
23 21 16 00-0161	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		1,536.23	38.37
		For Work In Restricted Working Space, Add		*23.02*	
23 21 16 00-0162	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		2,059.47	46.77
		For Work In Restricted Working Space, Add		*28.16*	
23 21 16 00-0163	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		2,591.53	59.92
		For Work In Restricted Working Space, Add		*35.94*	
23 21 16 00-0164		Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0156)*			
		Note: With brass or stainless steel basket.			
23 21 16 00-0165	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		2,803.87	140.12
		For Work In Restricted Working Space, Add		*52.56*	
23 21 16 00-0166	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		2,898.26	152.42
		For Work In Restricted Working Space, Add		*57.34*	
23 21 16 00-0167	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		3,715.46	178.70
		For Work In Restricted Working Space, Add		*67.10*	
23 21 16 00-0168	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		5,825.38	265.44
		For Work In Restricted Working Space, Add		*99.79*	
23 21 16 00-0169	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		11,406.11	335.31
		For Work In Restricted Working Space, Add		*126.19*	
23 21 16 00-0170	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		21,718.51	428.44
		For Work In Restricted Working Space, Add		*159.67*	
23 21 16 00-0171	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		29,998.91	521.58
		For Work In Restricted Working Space, Add		*195.59*	
23 21 16 00-0172	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		33,958.11	657.57
		For Work In Restricted Working Space, Add		*394.66*	
23 21 16 00-0173	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		40,479.14	745.12
		For Work In Restricted Working Space, Add		*279.42*	
23 21 16 00-0174	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer		50,616.15	819.62
		For Work In Restricted Working Space, Add		*307.36*	
23 21 16 00-0175		Bronze Body, Duplex Strainers *(23 21 16 00-0155)*			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0176		Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0177	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,504.03	26.28
		For Work In Restricted Working Space, Add	*15.71*	
23 21 16 00-0178	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,668.55	29.96
		For Work In Restricted Working Space, Add	*17.99*	
23 21 16 00-0179	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,444.04	35.21
		For Work In Restricted Working Space, Add	*21.12*	
23 21 16 00-0180	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,215.44	38.37
		For Work In Restricted Working Space, Add	*23.02*	
23 21 16 00-0181	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	4,154.56	46.77
		For Work In Restricted Working Space, Add	*28.16*	
23 21 16 00-0182	EA	2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	5,102.50	59.92
		For Work In Restricted Working Space, Add	*35.94*	
23 21 16 00-0183		Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0184	EA	2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	5,824.88	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0185	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	5,997.73	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0186	EA	3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	8,227.36	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0187	EA	4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	12,965.95	265.44
		For Work In Restricted Working Space, Add	*99.79*	
23 21 16 00-0188	EA	6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	28,198.21	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0189		Cast Steel Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0190		Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0191	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,344.77	29.96
		For Work In Restricted Working Space, Add	*17.99*	
23 21 16 00-0192	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,888.30	35.21
		For Work In Restricted Working Space, Add	*21.11*	
23 21 16 00-0193	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,427.78	38.37
		For Work In Restricted Working Space, Add	*23.03*	
23 21 16 00-0194	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	5,805.84	46.77
		For Work In Restricted Working Space, Add	*28.16*	
23 21 16 00-0195		Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0196	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	5,925.27	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0197	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,512.39	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0198	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	8,563.16	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0199	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	12,556.30	265.44
		For Work In Restricted Working Space, Add	*99.79*	
23 21 16 00-0200	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	21,440.76	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0201	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	41,810.87	428.44
		For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0202		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0203		Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*		
		Note: With stainless steel basket.		
23 21 16 00-0204	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	4,650.18	29.96
		For Work In Restricted Working Space, Add	*17.99*	
23 21 16 00-0205	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	5,876.14	35.21
		For Work In Restricted Working Space, Add	*21.11*	
23 21 16 00-0206	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	7,089.57	38.37
		For Work In Restricted Working Space, Add	*23.03*	
23 21 16 00-0207	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,356.86	46.77
		For Work In Restricted Working Space, Add	*28.16*	
23 21 16 00-0208		Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*		
		Note: With stainless steel basket.		
23 21 16 00-0209	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,905.73	140.12
		For Work In Restricted Working Space, Add	*52.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0210	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	12,516.68	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0211	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	19,604.53	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0212	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	23,963.72	265.44
		For Work In Restricted Working Space, Add	*99.79*	
23 21 16 00-0213	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	42,072.53	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0214	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	77,715.74	428.44
		For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0215		Pressure Regulating Valve *(23 21 16)*		
23 21 16 00-0216		Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0215)*		
		Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating		
23 21 16 00-0217	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	216.18	13.13
		For Work In Restricted Working Space, Add	*15.76*	
23 21 16 00-0218	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	266.94	14.71
		For Work In Restricted Working Space, Add	*17.51*	
23 21 16 00-0219	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	352.59	15.76
		For Work In Restricted Working Space, Add	*18.54*	
23 21 16 00-0220	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	607.55	17.65
		For Work In Restricted Working Space, Add	*21.02*	
23 21 16 00-0221	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	825.52	21.02
		For Work In Restricted Working Space, Add	*25.22*	
23 21 16 00-0222	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,182.31	32.22
		For Work In Restricted Working Space, Add	*38.71*	
23 21 16 00-0223	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,285.73	36.28
		For Work In Restricted Working Space, Add	*43.55*	
23 21 16 00-0224	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,412.60	104.99
		For Work In Restricted Working Space, Add	*48.38*	
23 21 16 00-0225		Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0215)*		
		Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0226		Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*		
23 21 16 00-0227	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	365.25	17.66
		For Work In Restricted Working Space, Add	*21.16*	
23 21 16 00-0228	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	456.64	25.02
		For Work In Restricted Working Space, Add	*30.03*	
23 21 16 00-0229	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	587.36	30.48
		For Work In Restricted Working Space, Add	*36.67*	
23 21 16 00-0230	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	787.30	37.01
		For Work In Restricted Working Space, Add	*42.62*	
23 21 16 00-0231	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,058.74	42.05
		For Work In Restricted Working Space, Add	*48.52*	
23 21 16 00-0232	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,237.96	58.92
		For Work In Restricted Working Space, Add	*58.92*	
23 21 16 00-0233		Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*		
		Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0234	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	2,870.99	142.38
		For Work In Restricted Working Space, Add	*53.56*	
23 21 16 00-0235	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,570.70	166.93
		For Work In Restricted Working Space, Add	*62.68*	
23 21 16 00-0236	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,587.74	279.85
		For Work In Restricted Working Space, Add	*105.21*	
23 21 16 00-0237	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	11,454.25	334.12
		For Work In Restricted Working Space, Add	*125.75*	
23 21 16 00-0238		Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0215)*		
23 21 16 00-0239		Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0238)*		
23 21 16 00-0240	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,084.61	12.82
		For Work In Restricted Working Space, Add	*19.24*	
23 21 16 00-0241	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,128.42	12.82
		For Work In Restricted Working Space, Add	*19.24*	
23 21 16 00-0242	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,266.96	16.19
		For Work In Restricted Working Space, Add	*24.28*	
23 21 16 00-0243	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,663.91	20.60
		For Work In Restricted Working Space, Add	*30.90*	
23 21 16 00-0244	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,049.70	23.76
		For Work In Restricted Working Space, Add	*35.63*	
23 21 16 00-0245	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,781.56	27.96
		For Work In Restricted Working Space, Add	*41.95*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0246		Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0238)*		
23 21 16 00-0247	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,672.29	142.38
		For Work In Restricted Working Space, Add	*53.56*	
23 21 16 00-0248	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,764.04	166.93
		For Work In Restricted Working Space, Add	*62.68*	
23 21 16 00-0249	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	8,729.62	279.85
		For Work In Restricted Working Space, Add	*105.21*	
23 21 16 00-0250	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	19,216.97	334.12
		For Work In Restricted Working Space, Add	*125.75*	
23 21 16 00-0251		Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0215)*		
23 21 16 00-0252	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	243.09	13.66
23 21 16 00-0253	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	301.23	15.13
23 21 16 00-0254	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	400.41	16.07
23 21 16 00-0255	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	695.93	18.28
23 21 16 00-0256	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	947.41	21.85
23 21 16 00-0257	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,355.50	33.48
23 21 16 00-0258	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,468.43	36.48
23 21 16 00-0259	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,618.35	42.00
23 21 16 00-0260		Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0215)* Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0261	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	183.26	13.13
23 21 16 00-0262	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	201.35	14.71
23 21 16 00-0263	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	250.80	16.28
23 21 16 00-0264	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	598.61	17.65
23 21 16 00-0265	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	648.35	21.02
23 21 16 00-0266	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,019.01	32.22
23 21 16 00-0267		Plastic Pressure Regulator *(23 21 16 00-0215)*		
23 21 16 00-0268		Polyvinyl Chloride (PVC) Pressure Regulator Valves *(23 21 16 00-0267)*		
23 21 16 00-0269	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	269.47	15.76
23 21 16 00-0270	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	297.58	21.85
23 21 16 00-0271	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	530.27	26.27
23 21 16 00-0272	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	597.55	35.09
23 21 16 00-0273	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	706.08	42.03
23 21 16 00-0274	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	862.87	65.67
23 21 16 00-0275		Polypropylene Pressure Regulator Valves *(23 21 16 00-0267)*		
23 21 16 00-0276	EA	1/4" Polypropylene Pressure Regulator Valve	344.11	15.76
23 21 16 00-0277	EA	1/2" Polypropylene Pressure Regulator Valve	421.99	22.07
23 21 16 00-0278	EA	3/4" Polypropylene Pressure Regulator Valve	648.71	26.27
23 21 16 00-0279	EA	1" Polypropylene Pressure Regulator Valve	766.75	35.09
23 21 16 00-0280	EA	1-1/2" Polypropylene Pressure Regulator Valve	895.18	42.03
23 21 16 00-0281	EA	2" Polypropylene Pressure Regulator Valve	1,105.72	65.67
23 21 16 00-0282		Teflon (PTFE) Pressure Regulator Valves *(23 21 16 00-0267)*		
23 21 16 00-0283	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	737.25	15.76
23 21 16 00-0284	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	844.98	21.85
23 21 16 00-0285	EA	3/4" Teflon Pressure Regulator Valve	1,426.03	26.27
23 21 16 00-0286	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,971.03	35.09
23 21 16 00-0287	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,378.15	42.03
23 21 16 00-0288	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,326.19	65.67
23 21 16 00-0289		Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves *(23 21 16 00-0267)*		
23 21 16 00-0290	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	240.21	15.76
23 21 16 00-0291	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	274.83	21.85
23 21 16 00-0292	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	443.47	26.27
23 21 16 00-0293	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	526.29	34.98
23 21 16 00-0294	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	612.41	42.03
23 21 16 00-0295		Dual Unit Reducing And Relief Valve *(23 21 16)*		
23 21 16 00-0296	EA	1/2" Dual Unit Reducing And Relief Valve	206.62	32.06
23 21 16 00-0297		Safety Relief Valve *(23 21 16)* Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0298		Threaded Inlet, Bronze Body Safety Valves *(23 21 16 00-0297)* Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0299	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	75.16	13.13
23 21 16 00-0300	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	105.43	14.45
23 21 16 00-0301	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	153.43	17.60
23 21 16 00-0302	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	199.83	18.65
23 21 16 00-0303	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	275.40	24.96
23 21 16 00-0304	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	370.86	29.42
23 21 16 00-0305	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	419.34	36.78
23 21 16 00-0306		Plastic Pressure Relief Valves *(23 21 16 00-0297)*		
23 21 16 00-0307		Polyvinyl Chloride (PVC) Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0308	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	221.36	15.76
23 21 16 00-0309	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	242.84	22.07
23 21 16 00-0310	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	458.95	26.27
23 21 16 00-0311	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	542.81	35.20
23 21 16 00-0312	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	706.08	42.03
23 21 16 00-0313	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	877.80	65.67
23 21 16 00-0314		Polypropylene Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0315	EA	1/4" Polypropylene Pressure Relief Valve	254.54	15.76
23 21 16 00-0316	EA	1/2" Polypropylene Pressure Relief Valve	292.60	21.85
23 21 16 00-0317	EA	3/4" Polypropylene Pressure Relief Valve	575.06	26.27
23 21 16 00-0318	EA	1" Polypropylene Pressure Relief Valve	667.22	35.09
23 21 16 00-0319	EA	1-1/2" Polypropylene Pressure Relief Valve	1,178.84	42.03
23 21 16 00-0320	EA	2" Polypropylene Pressure Relief Valve	1,441.79	65.67
23 21 16 00-0321		Teflon (PTFE) Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0322	EA	1/4" Teflon (PTFE) Pressure Relief Valve	453.59	15.76
23 21 16 00-0323	EA	1/2" Teflon (PTFE) Pressure Relief Valve	499.95	21.85
23 21 16 00-0324	EA	3/4" Teflon (PTFE) Pressure Relief Valve	948.29	26.27
23 21 16 00-0325	EA	1" Teflon (PTFE) Pressure Relief Valve	1,115.09	35.09
23 21 16 00-0326	EA	1-1/2" Teflon (PTFE) Pressure Relief Valve	1,825.77	42.03
23 21 16 00-0327	EA	2" Teflon (PTFE) Pressure Relief Valve	2,354.13	65.67
23 21 16 00-0328		Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0329	EA	1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	229.00	21.85
23 21 16 00-0330	EA	3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	261.17	26.27
23 21 16 00-0331	EA	1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	317.68	34.98
23 21 16 00-0332	EA	1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	407.70	42.03
23 21 16 00-0333	EA	2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	514.47	65.67
23 21 16 00-0334		Threaded, Bronze Body, Temperature And Pressure Relief Valves *(23 21 16)*		
23 21 16 00-0335	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	85.66	26.79
		For Cast Iron Body, Add	*52.35*	
23 21 16 00-0336	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	110.88	32.15
		For Cast Iron Body, Add	*72.93*	
23 21 16 00-0337	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	162.97	42.87
		For Cast Iron Body, Add	*116.15*	
23 21 16 00-0338	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	272.53	45.92
		For Cast Iron Body, Add	*246.85*	
23 21 16 00-0339	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	461.80	51.49
		For Cast Iron Body, Add	*472.21*	
23 21 16 00-0340	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	532.32	74.03
		For Cast Iron Body, Add	*514.20*	
23 21 16 00-0341		Thermostatic Radiator Valves *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0342	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	72.50	16.96
23 21 16 00-0343	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	89.01	22.85
23 21 16 00-0344	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	117.53	27.67
23 21 16 00-0345	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	179.54	35.05
23 21 16 00-0346	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	72.50	16.96
23 21 16 00-0347	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	89.01	22.85
23 21 16 00-0348	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	117.53	27.67
23 21 16 00-0349	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	179.54	35.05
23 21 16 00-0350	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	72.58	13.13
23 21 16 00-0351	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	120.79	18.40
23 21 16 00-0352		Radiator Trap Repair Kits *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0353	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	139.41	
23 21 16 00-0354	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	174.27	
23 21 16 00-0355	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	177.10	
23 21 16 00-0356	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	201.21	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0357	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	478.48	
23 21 16 00-0358		**Horizontal Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0359	EA	10 Gallon Horizontal Steel Expansion Tank	702.35	105.12
23 21 16 00-0360	EA	15 Gallon Horizontal Steel Expansion Tank	1,000.95	131.40
23 21 16 00-0361	EA	30 Gallon Horizontal Steel Expansion Tank	1,318.06	157.68
23 21 16 00-0362	EA	40 Gallon Horizontal Steel Expansion Tank	1,516.16	183.96
23 21 16 00-0363	EA	60 Gallon Horizontal Steel Expansion Tank	1,755.05	186.27
23 21 16 00-0364		**Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0365	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,574.26	78.84
23 21 16 00-0366	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,641.70	91.97
23 21 16 00-0367	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,454.97	105.12
23 21 16 00-0368	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,553.89	118.25
23 21 16 00-0369	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,468.86	131.40
23 21 16 00-0370	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,657.38	144.53
23 21 16 00-0371	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,351.99	157.68
23 21 16 00-0372	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,656.74	170.81
23 21 16 00-0373	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,133.42	183.96
23 21 16 00-0374	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,273.15	210.24
23 21 16 00-0375	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,621.21	236.51
23 21 16 00-0376	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,593.94	262.79
23 21 16 00-0377	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,812.95	315.35
23 21 16 00-0378		**Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0379	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,797.04	78.84
23 21 16 00-0380	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,852.37	91.97
23 21 16 00-0381	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,658.38	105.12
23 21 16 00-0382	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,837.20	118.25
23 21 16 00-0383	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,611.72	131.40
23 21 16 00-0384	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,797.82	144.53
23 21 16 00-0385	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,635.31	157.68
23 21 16 00-0386	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,010.28	170.81
23 21 16 00-0387	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,542.66	183.96
23 21 16 00-0388	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,675.12	210.24
23 21 16 00-0389	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	6,986.86	236.51
23 21 16 00-0390	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,109.72	262.79
23 21 16 00-0391	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,338.41	315.35
23 21 16 00-0392		**Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)*		
23 21 16 00-0393	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	95.40	9.68
23 21 16 00-0394	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	137.32	9.68
23 21 16 00-0395		**Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)*		
23 21 16 00-0396	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,034.74	315.46
23 21 16 00-0397	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,075.82	315.46
23 21 16 00-0398	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,116.90	315.46
23 21 16 00-0399	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,223.69	315.46
23 21 16 00-0400	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,470.51	420.36
23 21 16 00-0401	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,716.48	420.57
23 21 16 00-0402	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,765.28	420.57
23 21 16 00-0403	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,814.07	420.57
23 21 16 00-0404	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,306.43	525.58
23 21 16 00-0405	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	6,443.35	525.58
23 21 16 00-0406	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	8,187.90	630.49
23 21 16 00-0407		**ASME Construction Compression Tanks** *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21 16 00-0408	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,096.01	185.01
		For Galvanized Steel Tanks, Add	*407.85*	
23 21 16 00-0409	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,116.79	190.26
		For Galvanized Steel Tanks, Add	*413.86*	
23 21 16 00-0410	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,222.21	196.57
		For Galvanized Steel Tanks, Add	*461.84*	
23 21 16 00-0411	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,341.72	203.93
		For Galvanized Steel Tanks, Add	*515.82*	
23 21 16 00-0412	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	1,573.41	215.49
		For Galvanized Steel Tanks, Add	*623.78*	
23 21 16 00-0413	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	1,634.62	223.90
		For Galvanized Steel Tanks, Add	*647.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0414	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	2,036.24	243.87
		For Galvanized Steel Tanks, Add	*833.71*	
23 21 16 00-0415	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	2,220.00	261.74
		For Galvanized Steel Tanks, Add	*911.67*	
23 21 16 00-0416	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	2,773.41	295.38
		For Galvanized Steel Tanks, Add	*1,163.06*	
23 21 16 00-0417	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	3,535.67	338.47
		For Galvanized Steel Tanks, Add	*1,511.46*	
23 21 16 00-0418	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	4,246.36	375.26
		For Galvanized Steel Tanks, Add	*1,839.09*	
23 21 16 00-0419	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	4,644.38	407.85
		For Galvanized Steel Tanks, Add	*2,013.03*	
23 21 16 00-0420	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	5,891.78	447.79
		For Galvanized Steel Tanks, Add	*2,606.81*	
23 21 16 00-0421	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	6,072.62	478.28
		For Galvanized Steel Tanks, Add	*2,673.84*	
23 21 16 00-0422	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	7,862.79	514.02
		For Galvanized Steel Tanks, Add	*3,542.08*	
23 21 16 00-0423	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	13,187.73	603.36
		For Galvanized Steel Tanks, Add	*6,136.84*	

23 21 16 00-0424 Compression Tank Air Fittings *(23 21 16)*

23 21 16 00-0425	EA	9" To 24" Diameter Compression Tank Air Fittings	196.83	29.43
23 21 16 00-0426	EA	>100 Gallon Compression Tank Air Fittings	631.58	34.69

23 21 16 00-0427 Vortex Air Separators With Strainer *(23 21 16)*

Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.

23 21 16 00-0428	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	1,249.86	223.90
		For 300 PSIG, Add	*136.62*	
23 21 16 00-0429	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	1,542.61	256.49
		For 300 PSIG, Add	*172.99*	
23 21 16 00-0430	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	2,354.03	301.69
		For 300 PSIG, Add	*284.55*	
23 21 16 00-0431	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	2,515.84	319.52
		For 300 PSIG, Add	*304.76*	
23 21 16 00-0432	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	3,248.46	426.02
		For 300 PSIG, Add	*390.45*	
23 21 16 00-0433	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	4,092.17	506.68
		For 300 PSIG, Add	*498.77*	
23 21 16 00-0434	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	4,851.92	573.74
		For 300 PSIG, Add	*597.39*	
23 21 16 00-0435	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	6,960.50	688.30
		For 300 PSIG, Add	*887.60*	
23 21 16 00-0436	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	10,681.18	782.37
		For 300 PSIG, Add	*1,424.37*	
23 21 16 00-0437	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	14,402.80	1,012.43
		For 300 PSIG, Add	*1,930.31*	
23 21 16 00-0438	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	29,899.92	1,229.44
		For 300 PSIG, Add	*4,205.57*	
23 21 16 00-0439	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	36,907.55	1,475.33
		For 300 PSIG, Add	*5,200.83*	
23 21 16 00-0440	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	48,130.83	1,721.22
		For 300 PSIG, Add	*6,828.44*	
23 21 16 00-0441	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	56,309.34	1,967.10
		For 300 PSIG, Add	*7,999.33*	

23 21 16 00-0442 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0443	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,072.02	223.90
		For 300 PSIG, Add	*109.94*	
23 21 16 00-0444	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	1,348.60	256.49
		For 300 PSIG, Add	*143.89*	
23 21 16 00-0445	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	2,305.53	301.69
		For 300 PSIG, Add	*277.28*	
23 21 16 00-0446	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	2,090.09	319.52
		For 300 PSIG, Add	*240.90*	
23 21 16 00-0447	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	2,801.16	426.02
		For 300 PSIG, Add	*323.35*	
23 21 16 00-0448	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	3,623.31	506.68
		For 300 PSIG, Add	*428.44*	
23 21 16 00-0449	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	4,215.99	573.74
		For 300 PSIG, Add	*502.00*	
23 21 16 00-0450	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	5,602.42	688.30
		For 300 PSIG, Add	*683.89*	
23 21 16 00-0451	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	7,776.40	782.37
		For 300 PSIG, Add	*988.65*	
23 21 16 00-0452	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	11,962.16	1,012.43
		For 300 PSIG, Add	*1,564.22*	
23 21 16 00-0453	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	20,308.79	1,229.44
		For 300 PSIG, Add	*2,766.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0454	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	25,719.75	1,475.33
		For 300 PSIG, Add	*3,522.66*	
23 21 16 00-0455	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	34,359.52	1,721.22
		For 300 PSIG, Add	*4,762.74*	
23 21 16 00-0456	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	46,944.41	1,967.10
		For 300 PSIG, Add	*6,594.59*	
23 21 16 00-0457	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	57,465.82	2,212.99
		For 300 PSIG, Add	*8,116.92*	
23 21 16 00-0458	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	67,987.23	2,458.87
		For 300 PSIG, Add	*9,639.25*	

23 21 16 00-0459 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0460	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	2,203.45	255.61
23 21 16 00-0461	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	3,119.04	340.60
23 21 16 00-0462	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	3,938.74	404.96
23 21 16 00-0463	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	4,677.99	458.99
23 21 16 00-0464	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	6,741.09	550.79
23 21 16 00-0465	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	10,864.44	625.90
23 21 16 00-0466	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	16,524.30	810.03

23 21 16 00-0467 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0468	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,761.54	255.61
23 21 16 00-0469	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,671.74	340.60
23 21 16 00-0470	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	3,469.88	404.96
23 21 16 00-0471	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	4,042.06	458.99
23 21 16 00-0472	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	5,393.79	550.79
23 21 16 00-0473	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	7,916.55	625.90
23 21 16 00-0474	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	13,124.71	810.03

23 21 16 00-0475 Swivel Joints *(23 21 16)*

23 21 16 00-0476 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0475)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0477	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	321.49	27.64
23 21 16 00-0478	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	461.96	40.47
23 21 16 00-0479	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	647.55	47.30
23 21 16 00-0480	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	965.97	80.94
23 21 16 00-0481	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,224.60	91.97
		For Stainless Steel, Add	*1,560.96*	
23 21 16 00-0482	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	902.48	140.12
		For Stainless Steel, Add	*1,090.92*	
23 21 16 00-0483	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,219.48	111.79
23 21 16 00-0484	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,553.20	299.58
23 21 16 00-0485	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	2,881.43	378.42

23 21 16 00-0486 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) *(23 21 16 00-0475)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0487	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	409.03	27.64
		For Stainless Steel, Add	*530.57*	
23 21 16 00-0488	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	503.31	40.47
		For Stainless Steel, Add	*633.68*	
23 21 16 00-0489	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	678.23	47.30
		For Stainless Steel, Add	*874.01*	
23 21 16 00-0490	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,090.02	80.94
		For Stainless Steel, Add	*1,392.45*	
23 21 16 00-0491	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,427.21	91.97
		For Stainless Steel, Add	*1,864.88*	
23 21 16 00-0492	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	930.52	140.12
		For Stainless Steel, Add	*1,132.98*	
23 21 16 00-0493	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,380.06	111.79
		For Stainless Steel, Add	*1,734.62*	
23 21 16 00-0494	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,738.58	299.58
		For Stainless Steel, Add	*2,044.74*	
23 21 16 00-0495	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	3,009.45	378.42
		For Stainless Steel, Add	*3,802.10*	

23 21 16 00-0496 Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) *(23 21 16 00-0475)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0497	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	481.29	27.64
		For Stainless Steel, Add	*638.96*	
23 21 16 00-0498	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	558.44	40.47
		For Stainless Steel, Add	*716.37*	
23 21 16 00-0499	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	816.81	47.30
		For Stainless Steel, Add	*1,081.88*	
23 21 16 00-0500	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,256.80	80.94
		For Stainless Steel, Add	*1,642.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0501	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,482.34	91.97
		For Stainless Steel, Add	*1,947.57*	
23 21 16 00-0502	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,068.35	140.12
		For Stainless Steel, Add	*1,339.73*	
23 21 16 00-0503	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,550.97	111.79
		For Stainless Steel, Add	*1,990.98*	
23 21 16 00-0504	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,915.00	299.58
		For Stainless Steel, Add	*2,309.37*	
23 21 16 00-0505	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	3,388.49	378.42
		For Stainless Steel, Add	*4,370.66*	

23 21 16 00-0506 Basket Strainers *(23 21 16)*

23 21 16 00-0507 Bronze Body Basket Strainers *(23 21 16 00-0506)*

23 21 16 00-0508 Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0507)*

23 21 16 00-0509	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	281.82	21.03
		For Work In Restricted Working Space, Add	*12.51*	
23 21 16 00-0510	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	333.06	24.71
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0511	EA	1" Screwed Ends, Bronze Body Basket Strainer	386.40	29.43
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0512	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	480.99	32.59
		For Work In Restricted Working Space, Add	*19.53*	
23 21 16 00-0513	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	567.86	36.79
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0514	EA	2" Screwed Ends, Bronze Body Basket Strainer	845.32	42.05
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0515	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,195.62	56.24
		For Work In Restricted Working Space, Add	*33.83*	
23 21 16 00-0516	EA	3" Screwed Ends, Bronze Body Basket Strainer	1,681.10	59.92
		For Work In Restricted Working Space, Add	*35.88*	

23 21 16 00-0517 Flanged, Bronze Body Basket Strainers *(23 21 16 00-0507)*

23 21 16 00-0518	EA	2" Flanged, Bronze Body Basket Strainer	1,328.68	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0519	EA	2-1/2" Flanged, Bronze Body Basket Strainer	1,995.88	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0520	EA	3" Flanged, Bronze Body Basket Strainer	2,263.81	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0521	EA	4" Flanged, Bronze Body Basket Strainer	3,828.00	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0522	EA	6" Flanged, Bronze Body Basket Strainer	7,247.32	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0523	EA	8" Flanged, Bronze Body Basket Strainer	13,204.76	428.44
		For Work In Restricted Working Space, Add	*159.67*	

23 21 16 00-0524 Iron Body Basket Strainers *(23 21 16 00-0506)*

23 21 16 00-0525 Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0524)*

23 21 16 00-0526	EA	1/2" Screwed Ends, Iron Body Basket Strainer	354.96	21.03
		For Work In Restricted Working Space, Add	*12.51*	
23 21 16 00-0527	EA	3/4" Screwed Ends, Iron Body Basket Strainer	399.62	24.71
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0528	EA	1" Screwed Ends, Iron Body Basket Strainer	472.23	29.43
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0529	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	619.76	32.59
		For Work In Restricted Working Space, Add	*19.53*	
23 21 16 00-0530	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	679.89	36.79
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0531	EA	2" Screwed Ends, Iron Body Basket Strainer	808.39	42.05
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0532	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,147.35	56.24
		For Work In Restricted Working Space, Add	*33.83*	
23 21 16 00-0533	EA	3" Screwed Ends, Iron Body Basket Strainer	1,297.87	59.92
		For Work In Restricted Working Space, Add	*35.88*	

23 21 16 00-0534 Flanged, Iron Body Basket Strainers *(23 21 16 00-0524)*

23 21 16 00-0535	EA	2" Flanged, Iron Body Basket Strainer	800.76	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0536	EA	2-1/2" Flanged, Iron Body Basket Strainer	1,034.27	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0537	EA	3" Flanged, Iron Body Basket Strainer	1,121.19	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0538	EA	4" Flanged, Iron Body Basket Strainer	1,726.27	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0539	EA	6" Flanged, Iron Body Basket Strainer	3,049.80	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0540	EA	8" Flanged, Iron Body Basket Strainer	5,382.58	428.44
		For Work In Restricted Working Space, Add	*159.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0541	EA	10" Flanged, Iron Body Basket Strainer	7,950.18	521.58
		For Work In Restricted Working Space, Add	*195.59*	
23 21 16 00-0542	EA	12" Flanged, Iron Body Basket Strainer	9,973.12	657.57
		For Work In Restricted Working Space, Add	*394.50*	
23 21 16 00-0543	EA	14" Flanged, Iron Body Basket Strainer	11,856.04	745.12
		For Work In Restricted Working Space, Add	*279.42*	
23 21 16 00-0544	EA	16" Flanged, Iron Body Basket Strainer	12,447.82	819.62
		For Work In Restricted Working Space, Add	*307.36*	
23 21 16 00-0545		Cast Steel Body Basket Strainers *(23 21 16 00-0506)*		
23 21 16 00-0546		Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0545)*		
23 21 16 00-0547	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	766.52	29.43
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0548	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	1,010.27	32.59
		For Work In Restricted Working Space, Add	*19.53*	
23 21 16 00-0549	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,138.67	36.79
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0550	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	1,599.42	42.05
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0551	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	2,243.10	56.24
		For Work In Restricted Working Space, Add	*33.82*	
23 21 16 00-0552	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	2,910.07	59.92
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0553		Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0545)*		
23 21 16 00-0554	EA	2" Flanged, Cast Steel Body Basket Strainer	2,380.57	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0555	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	3,416.66	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0556	EA	3" Flanged, Cast Steel Body Basket Strainer	3,749.24	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0557	EA	4" Flanged, Cast Steel Body Basket Strainer	5,326.24	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0558	EA	6" Flanged, Cast Steel Body Basket Strainer	9,347.12	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0559	EA	8" Flanged, Cast Steel Body Basket Strainer	15,159.66	428.44
		For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0560		Stainless Steel Body Basket Strainers *(23 21 16 00-0506)*		
23 21 16 00-0561		Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0560)*		
23 21 16 00-0562	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	523.81	29.43
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0563	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	754.01	32.59
		For Work In Restricted Working Space, Add	*19.53*	
23 21 16 00-0564	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	778.52	36.79
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0565	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,150.93	42.05
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0566	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,626.48	56.24
		For Work In Restricted Working Space, Add	*33.82*	
23 21 16 00-0567	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,296.90	59.92
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0568		Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0560)*		
23 21 16 00-0569	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,762.67	140.12
		For Work In Restricted Working Space, Add	*52.56*	
23 21 16 00-0570	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	2,663.33	152.42
		For Work In Restricted Working Space, Add	*57.34*	
23 21 16 00-0571	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,016.12	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0572	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,098.65	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0573	EA	6" Flanged, Stainless Steel Body Basket Strainer	7,793.48	335.31
		For Work In Restricted Working Space, Add	*126.19*	
23 21 16 00-0574	EA	8" Flanged, Stainless Steel Body Basket Strainer	13,526.86	428.44
		For Work In Restricted Working Space, Add	*159.67*	
23 21 16 00-0575		Plastic Basket Strainers *(23 21 16 00-0506)*		
23 21 16 00-0576		Screwed Or Socket Ends, Simplex, Plastic Basket Strainers *(23 21 16 00-0575)*		
23 21 16 00-0577		Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0576)*		
23 21 16 00-0578	EA	1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	271.17	14.72
		For Work In Restricted Working Space, Add	*12.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0579	EA	3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	278.47	17.14
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0580	EA	1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	287.86	20.39
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0581	EA	1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	467.91	25.76
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0582	EA	2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	486.03	29.43
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0583	EA	3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,029.99	42.05
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0584	EA	4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,363.22	55.19
		For Work In Restricted Working Space, Add	*47.30*	
23 21 16 00-0585		Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0576)*		
23 21 16 00-0586	EA	1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,217.98	14.72
		For Work In Restricted Working Space, Add	*12.51*	
23 21 16 00-0587	EA	3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,225.28	17.14
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0588	EA	1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,234.67	20.39
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0589	EA	1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,167.82	25.76
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0590	EA	2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,219.49	29.43
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0591	EA	3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	877.83	42.05
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0592	EA	4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,067.69	55.19
		For Work In Restricted Working Space, Add	*47.30*	
23 21 16 00-0593		Flanged, Simplex, Plastic Basket Strainers *(23 21 16 00-0575)*		
23 21 16 00-0594		Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0593)*		
23 21 16 00-0595	EA	1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	446.84	91.97
		For Work In Restricted Working Space, Add	*55.17*	
23 21 16 00-0596	EA	1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	680.31	105.12
		For Work In Restricted Working Space, Add	*63.07*	
23 21 16 00-0597	EA	2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	723.67	122.46
		For Work In Restricted Working Space, Add	*73.47*	
23 21 16 00-0598	EA	3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,316.35	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0599	EA	4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,800.52	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0600	EA	6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	3,514.70	378.42
		For Work In Restricted Working Space, Add	*142.42*	
23 21 16 00-0601	EA	8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	4,606.83	483.54
		For Work In Restricted Working Space, Add	*180.20*	
23 21 16 00-0602		Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0593)*		
23 21 16 00-0603	EA	1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,566.88	105.12
		For Work In Restricted Working Space, Add	*63.07*	
23 21 16 00-0604	EA	2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,650.73	122.46
		For Work In Restricted Working Space, Add	*73.47*	
23 21 16 00-0605	EA	3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,920.57	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0606	EA	4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	7,355.17	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0607		Screwed Or Socket Ends, Duplex, Plastic Basket Strainers *(23 21 16 00-0575)*		
23 21 16 00-0608		Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0607)*		
23 21 16 00-0609	EA	1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,130.69	14.72
		For Work In Restricted Working Space, Add	*12.51*	
23 21 16 00-0610	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,137.99	17.14
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0611	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,147.38	20.39
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0612	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,768.98	25.76
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0613	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,779.66	29.43
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0614	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,948.42	42.05
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0615	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	5,208.15	55.19
		For Work In Restricted Working Space, Add	*47.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0616		Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0607)*		
23 21 16 00-0617	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,431.24	14.72
		For Work In Restricted Working Space, Add	*12.51*	
23 21 16 00-0618	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,438.54	17.14
		For Work In Restricted Working Space, Add	*14.70*	
23 21 16 00-0619	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,447.93	20.39
		For Work In Restricted Working Space, Add	*17.52*	
23 21 16 00-0620	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,479.51	25.76
		For Work In Restricted Working Space, Add	*22.05*	
23 21 16 00-0621	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,490.19	29.43
		For Work In Restricted Working Space, Add	*25.25*	
23 21 16 00-0622	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	16,607.88	42.05
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0623	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	24,998.66	55.19
		For Work In Restricted Working Space, Add	*47.30*	
23 21 16 00-0624		Flanged, Duplex, Plastic Basket Strainers *(23 21 16 00-0575)*		
23 21 16 00-0625		Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0624)*		
23 21 16 00-0626	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,192.64	39.41
		For Work In Restricted Working Space, Add	*23.66*	
23 21 16 00-0627	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,218.91	52.56
		For Work In Restricted Working Space, Add	*31.54*	
23 21 16 00-0628	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,297.69	91.97
		For Work In Restricted Working Space, Add	*55.17*	
23 21 16 00-0629	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,970.23	105.12
		For Work In Restricted Working Space, Add	*63.07*	
23 21 16 00-0630	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,004.90	122.46
		For Work In Restricted Working Space, Add	*73.47*	
23 21 16 00-0631	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	4,188.89	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0632	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	5,598.32	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0633		Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0624)*		
23 21 16 00-0634	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,583.11	39.41
		For Work In Restricted Working Space, Add	*23.65*	
23 21 16 00-0635	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,609.37	52.56
		For Work In Restricted Working Space, Add	*31.52*	
23 21 16 00-0636	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,688.19	91.97
		For Work In Restricted Working Space, Add	*55.17*	
23 21 16 00-0637	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,919.55	105.12
		For Work In Restricted Working Space, Add	*63.07*	
23 21 16 00-0638	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,954.22	122.46
		For Work In Restricted Working Space, Add	*73.47*	
23 21 16 00-0639	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	20,294.00	178.70
		For Work In Restricted Working Space, Add	*67.10*	
23 21 16 00-0640	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	26,294.33	299.58
		For Work In Restricted Working Space, Add	*112.63*	
23 21 16 00-0641		Plastic Strainer Baskets *(23 21 16 00-0575)*		
23 21 16 00-0642		Polyvinyl Chloride (PVC) Strainer Baskets *(23 21 16 00-0641)*		
23 21 16 00-0643	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	96.87	
23 21 16 00-0644	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	118.82	
23 21 16 00-0645	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	266.66	
23 21 16 00-0646	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	302.63	
23 21 16 00-0647		Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets *(23 21 16 00-0641)*		
23 21 16 00-0648	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	471.33	
23 21 16 00-0649	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	590.18	
23 21 16 00-0650	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,311.52	
23 21 16 00-0651	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,454.97	
23 21 23		**Hydronic Pumps** *(23 21)*		
23 21 23 13		**In-Line Centrifugal Hydronic Pumps** *(23 21 23)*		
23 21 23 13-0001		Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)* Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	5,142.08	280.78
		For Mechanical Seal, Add	*344.01*	
		For Cast Steel Case, Add	*774.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0003	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	5,629.04	339.84
		For Mechanical Seal, Add	*368.79*	
		For Cast Steel Case, Add	*829.77*	
23 21 23 13-0004	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	6,511.01	403.75
		For Mechanical Seal, Add	*424.06*	
		For Cast Steel Case, Add	*954.13*	
23 21 23 13-0005	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	7,329.57	538.33
		For Mechanical Seal, Add	*457.27*	
		For Cast Steel Case, Add	*1,028.86*	
23 21 23 13-0006	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	8,389.80	586.74
		For Mechanical Seal, Add	*530.35*	
		For Cast Steel Case, Add	*1,193.29*	
23 21 23 13-0007	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	12,442.64	645.80
		For Mechanical Seal, Add	*840.50*	
		For Cast Steel Case, Add	*1,891.11*	
23 21 23 13-0008	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	14,641.87	806.53
		For Mechanical Seal, Add	*977.71*	
		For Cast Steel Case, Add	*2,199.84*	
23 21 23 13-0009	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	20,282.79	921.74
		For Mechanical Seal, Add	*1,401.32*	
		For Cast Steel Case, Add	*3,152.96*	
23 21 23 13-0010	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	25,709.22	965.86
		For Mechanical Seal, Add	*1,824.92*	
		For Cast Steel Case, Add	*4,106.08*	
23 21 23 13-0011	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	28,152.45	1,241.55
		For Mechanical Seal, Add	*1,954.15*	
		For Cast Steel Case, Add	*4,396.84*	

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

23 21 23 13-0013	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	1,802.07	161.21
23 21 23 13-0014	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,147.32	184.26
23 21 23 13-0015	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,422.94	206.33
23 21 23 13-0016	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,602.40	224.33
23 21 23 13-0017	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,691.57	245.64
23 21 23 13-0018	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,831.98	271.49
23 21 23 13-0019	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,528.78	322.41
23 21 23 13-0020	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,442.60	396.88
23 21 23 13-0021	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	8,257.29	429.89
23 21 23 13-0022	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	9,630.33	455.16
23 21 23 13-0023	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	12,330.73	483.63
23 21 23 13-0024	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	13,006.74	499.80
23 21 23 13-0025	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	13,682.75	515.87
23 21 23 13-0026	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,220.14	552.76
23 21 23 13-0027	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,574.01	641.32
23 21 23 13-0028	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	19,517.75	926.31
23 21 23 13-0029	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	23,387.24	1,852.62
23 21 23 13-0030	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	26,926.68	2,223.15

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	6,484.14	306.93
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	7,285.93	307.31
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	9,618.44	403.75
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	10,508.66	496.69
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	11,797.11	496.69
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	11,443.50	538.33
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	12,176.03	538.33
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	13,306.79	564.47
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	14,772.54	717.46
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	15,606.09	806.53
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	23,610.84	1,947.55
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	34,469.47	2,336.64
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	38,958.75	2,920.80

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	4,743.56	225.59
		For 300 LB Flanges, Add	*1,084.19*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	5,995.14	242.06
		For 300 LB Flanges, Add	*1,408.01*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	7,507.02	258.52
		For 300 LB Flanges, Add	*1,769.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	8,772.14	306.93
		For 300 LB Flanges, Add	*2,054.72*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	9,219.19	307.31
		For 300 LB Flanges, Add	*2,159.56*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	9,672.04	403.75
		For 300 LB Flanges, Add	*2,236.47*	
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	9,882.90	403.75
		For 300 LB Flanges, Add	*2,289.18*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,349.94	403.75
		For 300 LB Flanges, Add	*2,405.94*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,030.48	496.69
		For 300 LB Flanges, Add	*2,784.18*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,223.83	496.31
		For 300 LB Flanges, Add	*2,823.51*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,881.58	538.33
		For 300 LB Flanges, Add	*2,976.34*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,130.05	564.47
		For 300 LB Flanges, Add	*3,271.11*	
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,658.51	717.46
		For 300 LB Flanges, Add	*3,591.89*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,759.40	806.53
		For 300 LB Flanges, Add	*4,076.77*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	28,178.88	1,947.55
		For 300 LB Flanges, Add	*6,105.89*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	33,527.06	2,336.64
		For 300 LB Flanges, Add	*7,255.17*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	40,932.52	2,920.80
		For 300 LB Flanges, Add	*8,824.89*	

23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	4,562.37	225.59
		For 300 LB Flanges, Add	*1,038.89*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	4,689.61	242.06
		For 300 LB Flanges, Add	*1,063.47*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	4,816.97	258.52
		For 300 LB Flanges, Add	*1,088.06*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	5,222.79	264.32
		For 300 LB Flanges, Add	*1,186.65*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	8,445.46	306.93
		For 300 LB Flanges, Add	*1,973.05*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	10,216.75	403.75
		For 300 LB Flanges, Add	*2,397.21*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	11,495.06	435.70
		For 300 LB Flanges, Add	*2,692.22*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,198.58	484.11
		For 300 LB Flanges, Add	*2,826.21*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	13,542.73	483.40
		For 300 LB Flanges, Add	*3,168.36*	
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	15,220.98	621.24
		For 300 LB Flanges, Add	*3,525.83*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	19,380.11	779.23
		For 300 LB Flanges, Add	*4,469.50*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	24,723.16	973.25
		For 300 LB Flanges, Add	*5,711.38*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	31,058.09	1,168.32
		For 300 LB Flanges, Add	*7,201.22*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	36,756.23	1,297.67
		For 300 LB Flanges, Add	*8,563.17*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	42,407.30	1,669.02
		For 300 LB Flanges, Add	*9,797.11*	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	28,446.64	496.69
		For 300 LB Flanges, Add	*6,888.22*	
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	30,710.22	538.33
		For 300 LB Flanges, Add	*7,435.50*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	41,017.59	727.97
		For 300 LB Flanges, Add	*9,921.06*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	47,984.02	1,000.29
		For 300 LB Flanges, Add	*11,537.67*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	66,546.03	1,333.73
		For 300 LB Flanges, Add	*16,025.39*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0056		Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*		
23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	5,796.43	290.47
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,323.39	290.47
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	7,040.63	306.61
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	7,506.79	306.61
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	8,643.86	322.41
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	10,241.24	388.09
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	13,461.73	478.09
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	14,407.81	517.44
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	16,709.30	558.83
23 21 23 16-0066		Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*		
23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,446.56	150.00
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,543.47	159.04
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,804.87	169.34
23 21 23 23		**Vertical-Turbine Hydronic Pumps** *(23 21 23)*		
		See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 23-0001		Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*		
		Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	9,406.47	717.46
		For Each Extra Column Assembly <60", Add	*795.55*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*333.23*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*239.16*	
23 21 23 23-0003	EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	10,797.07	806.53
		For Each Extra Column Assembly <60", Add	*907.14*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*388.50*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*280.53*	
23 21 23 23-0004	EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	13,054.59	779.23
		For Each Extra Column Assembly <60", Add	*1,100.25*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*466.30*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*335.76*	
23 21 23 23-0005	EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	15,325.62	899.19
		For Each Extra Column Assembly <60", Add	*1,283.82*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*555.25*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*401.99*	
23 21 23 23-0006	EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	18,805.14	973.25
		For Each Extra Column Assembly <60", Add	*1,567.00*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*689.62*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*501.57*	
23 21 23 23-0007	EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	24,667.77	1,168.32
		For Each Extra Column Assembly <60", Add	*2,048.53*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*911.60*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*664.93*	
23 21 23 23-0008	EA	150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage	29,558.59	1,460.40
		For Each Extra Column Assembly <60", Add	*2,458.57*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,088.46*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*792.87*	
23 21 23 23-0009	EA	200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage	46,975.31	1,669.02
		For Each Extra Column Assembly <60", Add	*3,865.32*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,771.72*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,301.96*	
23 21 23 23-0010	EA	250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage	61,464.49	1,947.55
		For Each Extra Column Assembly <60", Add	*5,042.34*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,333.40*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,718.76*	
23 21 23 23-0011	EA	300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage	85,834.08	2,336.64
		For Each Extra Column Assembly <60", Add	*7,016.94*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*3,283.15*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,424.81*	
23 21 29		**Automatic Condensate Pump Units** *(23 21)*		
23 21 29 00-0001		Automatic Shallow Pan Condensate Pump *(23 21 29)*		
23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	186.43	31.46
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	201.88	31.46
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	313.21	36.30
23 21 29 00-0005		Automatic Condensate Pump With Tank *(23 21 29)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	103.10	24.21
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	109.70	24.21
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	181.38	31.46
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	196.11	36.30
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	358.84	41.15

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 High Temperature Safety Relief Valve *(23 22 16)*
Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

23 22 16 00-0002 Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0001)*
Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.

23 22 16 00-0003 Threaded *(23 22 16 00-0002)*

23 22 16 00-0004	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	478.41	15.76
23 22 16 00-0005	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	500.10	18.65
23 22 16 00-0006	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	550.83	23.64
23 22 16 00-0007	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	680.18	26.27
23 22 16 00-0008	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	871.16	32.31
23 22 16 00-0009	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,355.33	36.78
23 22 16 00-0010	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,468.17	42.29

23 22 16 00-0011 Flanged *(23 22 16 00-0002)*

23 22 16 00-0012	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,390.30	110.32
23 22 16 00-0013	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,943.63	165.84
23 22 16 00-0014	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,359.75	152.72
23 22 16 00-0015	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,292.15	220.59
23 22 16 00-0016	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,654.77	164.50
23 22 16 00-0017	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,641.41	220.59
23 22 16 00-0018	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	11,119.38	313.03
23 22 16 00-0019	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	22,142.67	349.60

23 22 16 00-0020 Bronze Body Safety Valve, Threaded, Steam *(23 22 16 00-0001)*
Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.

23 22 16 00-0021	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	521.36	14.45
23 22 16 00-0022	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	533.75	15.76
23 22 16 00-0023	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	625.08	17.34
23 22 16 00-0024	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	690.42	18.65
23 22 16 00-0025	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	799.00	21.02
23 22 16 00-0026	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	802.20	23.64
23 22 16 00-0027	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	902.80	24.96
23 22 16 00-0028	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	984.15	26.27
23 22 16 00-0029	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,368.75	29.42
23 22 16 00-0030	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,495.83	32.31
23 22 16 00-0031	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,785.40	36.78

23 22 16 00-0032 Bronze Body Safety Valve, Threaded, Water *(23 22 16 00-0001)*
Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.

23 22 16 00-0033	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	242.80	14.45
23 22 16 00-0034	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	276.93	15.76
23 22 16 00-0035	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	385.13	17.34
23 22 16 00-0036	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	424.20	18.65
23 22 16 00-0037	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	615.61	21.02
23 22 16 00-0038	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	831.59	24.96
23 22 16 00-0039	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,215.39	29.42

23 22 16 00-0040 Steam Temperature Regulator, Iron Body *(23 22 16)*

23 22 16 00-0041 Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*
Note: Up to 150 PSI.

23 22 16 00-0042	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,294.57	15.13
23 22 16 00-0043	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,361.39	20.38
23 22 16 00-0044	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,807.02	25.11
23 22 16 00-0045	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,994.65	31.73
23 22 16 00-0046	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,046.02	36.45
23 22 16 00-0047	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,418.25	39.67
23 22 16 00-0048	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,074.70	72.67
23 22 16 00-0049	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,384.16	79.25
23 22 16 00-0050	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,551.35	185.50
23 22 16 00-0051	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,831.66	217.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0052		**Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0053	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,920.39	15.13
23 22 16 00-0054	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,988.18	20.38
23 22 16 00-0055	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,076.16	25.11
23 22 16 00-0056	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,485.01	31.73
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,661.76	36.45
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,022.89	39.67
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,630.61	72.67
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,275.11	79.25
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,595.82	185.50
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,355.65	217.72
23 22 16 00-0063		**Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,618.17	15.13
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,655.50	20.38
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,905.73	25.11
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,163.43	31.73
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,277.49	36.45
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,697.63	39.67
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,842.79	72.67
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,610.36	79.25
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,903.18	185.50
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	8,244.25	217.72
23 22 16 00-0074		**Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,355.56	15.13
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,389.22	20.38
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,679.99	25.11
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,834.43	31.73
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,981.68	36.45
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,335.47	39.67
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,211.48	72.67
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,842.99	79.25
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,135.80	185.50
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	8,476.88	217.72
23 22 16 00-0085		**Steam Traps** *(23 22 16)*		
23 22 16 00-0086		**Inverted Bucket Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	292.90	31.53
		For Work In Restricted Working Space, Add	*18.92*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	295.52	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	440.05	35.00
		For Work In Restricted Working Space, Add	*21.02*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	712.18	47.77
		For Work In Restricted Working Space, Add	*28.67*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,060.78	58.87
		For Work In Restricted Working Space, Add	*35.03*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,353.09	87.60
		For Work In Restricted Working Space, Add	*52.56*	
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	309.62	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	408.28	35.04
		For Work In Restricted Working Space, Add	*21.02*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	504.77	47.78
		For Work In Restricted Working Space, Add	*28.67*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	682.95	58.40
		For Work In Restricted Working Space, Add	*35.04*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,249.60	87.56
		For Work In Restricted Working Space, Add	*52.56*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	394.55	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	428.84	35.00
		For Work In Restricted Working Space, Add	*21.02*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	560.82	47.77
		For Work In Restricted Working Space, Add	*28.67*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	806.27	58.34
		For Work In Restricted Working Space, Add	*35.04*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,374.80	87.59
		For Work In Restricted Working Space, Add	*52.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	512.27	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	570.84	35.04
		For Work In Restricted Working Space, Add	*21.02*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	869.13	47.77
		For Work In Restricted Working Space, Add	*28.67*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	890.36	58.34
		For Work In Restricted Working Space, Add	*35.04*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,727.94	87.60
		For Work In Restricted Working Space, Add	*52.56*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	519.74	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	570.84	35.04
		For Work In Restricted Working Space, Add	*21.02*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	869.13	47.77
		For Work In Restricted Working Space, Add	*28.67*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	890.36	58.34
		For Work In Restricted Working Space, Add	*35.04*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,727.94	87.59
		For Work In Restricted Working Space, Add	*52.56*	

23 22 16 00-0114 Thermostatic Steam Traps *(23 22 16 00-0085)*

23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	149.76	31.53
		For Work In Restricted Working Space, Add	*18.92*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	250.66	32.85
		For Work In Restricted Working Space, Add	*19.71*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	309.67	35.00
		For Work In Restricted Working Space, Add	*21.02*	

23 22 16 00-0118 Thermodynamic Steam Traps *(23 22 16 00-0085)*

23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	331.37	28.39
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	470.42	31.53
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	583.27	32.85
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	781.98	35.00

23 22 16 00-0123 Steam Moisture Separator *(23 22 16 00-0085)*

23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1)	652.86	52.56
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1)	693.66	70.96
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	834.69	79.89
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,316.75	91.45
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,615.58	140.12
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,428.64	152.42
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,779.52	178.70
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,834.76	299.58
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	7,473.77	378.42

23 22 16 00-0133 Steam/Condensate Meter *(23 22 16)*

Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.

23 22 16 00-0134	EA	1" Steam/Condensate Meter	5,428.64	87.09
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	6,124.76	102.33
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	6,495.57	127.00
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	6,886.69	166.92
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	7,760.45	259.33
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0139	EA	6" Steam/Condensate Meter	13,296.30	328.03
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	13,768.13	414.15
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	14,399.79	508.01
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	15,089.33	616.87
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0143	EA	14" Steam/Condensate Meter	16,060.45	725.73
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	16,626.53	798.30
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*
Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,927.44	492.83
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,478.04	506.38
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,591.46	540.27
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,854.56	546.08
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,189.92	594.49
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,693.55	594.49
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,770.82	635.15
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,821.17	664.20
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,880.27	693.25

23 22 23 13-0012 30 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,212.83	526.71
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,885.26	540.27
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,995.84	576.09
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,465.19	622.56
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,770.82	636.12
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,902.63	658.39
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,051.42	693.25
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,860.87	737.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0021		40 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,466.37	604.17
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,120.87	652.58
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,656.71	644.84
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,878.75	658.39
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,982.03	686.47
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,880.27	693.25
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,962.38	737.78
23 22 23 13-0029		50 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,652.96	654.52
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,367.92	668.08
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,871.07	672.91
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,062.94	731.97
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	7,991.33	789.10
23 22 23 13-0035		Duplex Condensate Pumps And Motors *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		20 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,181.71	661.30
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,371.46	726.17
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,684.72	731.97
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,117.65	797.81
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,740.71	797.81
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,850.14	859.78
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,930.57	897.55
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,102.24	942.08
23 22 23 13-0045		30 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,123.84	712.61
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,317.69	778.45
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,778.61	759.09
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,850.14	859.78
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,016.80	891.73
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,863.38	942.08
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,203.91	1,009.86
23 22 23 13-0053		40 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,474.90	840.42
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,942.86	878.18
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,031.13	891.73
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,204.01	936.27
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,103.43	942.08
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,232.57	1,009.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,673.16	840.42
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,044.08	923.68
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,334.33	1,003.08
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,016.46	1,086.34

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	42.44	10.51
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	44.14	10.51
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	59.12	10.51
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	79.15	11.56
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	110.80	13.13
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	180.38	16.18

23 23 13 00-0009 Shut-Off Valves *(23 23 13)*

23 23 13 00-0010 Packless *(23 23 13 00-0009)*

23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	56.39	10.93
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	70.48	11.99
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	144.35	16.40

23 23 13 00-0014 Packed *(23 23 13 00-0009)*

23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	256.37	23.86
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	342.69	29.22
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	417.40	32.90
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	596.22	37.53
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	990.05	105.12
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,299.04	131.40
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	1,847.05	175.23

23 23 13 00-0022 Check Valves *(23 23 13)*

23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	71.34	10.51
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	224.64	11.56
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	260.55	13.13
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	350.86	13.98
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	461.81	16.19
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	684.55	19.13
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	958.16	28.06
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,267.37	36.79

23 23 13 00-0031 Solenoid Valves *(23 23 13)*

23 23 13 00-0032 Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*

23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	209.10	10.51
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	214.19	10.51
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	264.52	11.56
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	264.52	11.56
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	371.03	13.13
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	597.10	13.98
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,103.07	16.19
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,117.77	19.13

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001 Soft Refrigeration Copper Tubing *(23 23 16)*

Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0320 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	4.47	2.50
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	4.70	2.56
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	4.92	2.64
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.31	2.68
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	5.48	2.72
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.21	2.86
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	6.88	2.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	7.56	2.99
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	9.84	3.51
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	12.60	4.02
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	18.44	4.76
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	22.33	5.33
23 23 16 00-0014		Type L Drawn, ACR Copper Tubing *(23 23 16)*		
		Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0320 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.07	2.94
		For Medical Applications "Oxygen Clean", Add	*0.53*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	6.90	2.94
		For Medical Applications "Oxygen Clean", Add	*0.57*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	7.43	2.94
		For Medical Applications "Oxygen Clean", Add	*0.60*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	10.72	4.42
		For Medical Applications "Oxygen Clean", Add	*0.86*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	11.73	4.73
		For Medical Applications "Oxygen Clean", Add	*0.94*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	13.80	4.73
		For Medical Applications "Oxygen Clean", Add	*1.05*	
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	17.25	5.46
		For Medical Applications "Oxygen Clean", Add	*1.28*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	20.97	6.31
		For Medical Applications "Oxygen Clean", Add	*1.52*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	29.90	7.88
		For Medical Applications "Oxygen Clean", Add	*2.09*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	44.82	11.87
		For Medical Applications "Oxygen Clean", Add	*3.13*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	58.14	14.72
		For Medical Applications "Oxygen Clean", Add	*4.01*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	73.37	17.44
		For Medical Applications "Oxygen Clean", Add	*4.98*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	90.82	21.03
		For Medical Applications "Oxygen Clean", Add	*6.12*	
23 23 16 00-0028		Refrigeration Fittings *(23 23 16)*		
23 23 16 00-0029		Brass Flare Fittings *(23 23 16 00-0028)*		
23 23 16 00-0030		Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0031	EA	3/8" Brass Flare Union	24.76	11.35
23 23 16 00-0032	EA	1/2" Brass Flare Union	24.76	11.35
23 23 16 00-0033	EA	5/8" Brass Flare Union	26.77	11.35
23 23 16 00-0034		90 Degree Elbow Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	25.98	11.35
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	25.98	11.35
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	32.71	11.35
23 23 16 00-0038		Brass Flare Tees *(23 23 16 00-0029)*		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	39.85	18.91
23 23 16 00-0040	EA	1/2" Brass Flare Tee	42.86	18.91
23 23 16 00-0041	EA	5/8" Brass Flare Tee	59.19	18.91
23 23 16 00-0042		Male Connector, Half Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	19.24	11.35
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	21.25	11.35
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	24.11	11.35
23 23 16 00-0046		Female Connector, Half Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	21.82	11.35
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	24.55	11.35
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	24.55	11.35
23 23 16 00-0050		Long Forged Nuts *(23 23 16 00-0029)*		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	20.46	11.35
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	21.25	11.35
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	29.98	11.35
23 23 16 00-0054		Short Forged Nuts *(23 23 16 00-0029)*		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	19.32	11.35
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	21.14	11.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	21.51	11.35
23 23 16 00-0058		**ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered.		
23 23 16 00-0059		**ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	18.78	11.35
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	18.45	11.35
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	18.93	11.35
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	19.47	11.87
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	27.86	15.66
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	27.37	16.08
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	36.46	19.97
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	52.50	27.33
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	63.34	32.06
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	83.67	38.89
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	145.76	59.07
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	194.46	77.68
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	315.64	92.30
23 23 16 00-0073		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	23.09	11.35
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	23.41	11.35
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	23.09	11.35
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	25.07	11.87
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	36.67	15.66
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	37.13	16.08
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	47.36	19.97
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	58.79	27.33
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	75.86	32.06
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	108.82	38.89
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	189.74	59.07
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	243.65	77.68
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	463.80	92.30
23 23 16 00-0087		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	28.48	11.35
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	25.63	11.35
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	27.89	11.35
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	27.67	11.87
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	33.49	15.66
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	36.79	16.08
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	50.35	19.97
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	74.17	27.33
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	92.65	32.06
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	175.43	38.89
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	274.04	59.07
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	362.11	77.68
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	796.31	92.30
23 23 16 00-0101		**ACR Wrought Copper 45 Degree Elbow** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow	32.40	11.35
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow	28.48	11.35
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow	26.81	11.35
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow	21.82	11.87
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow	40.84	15.66
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow	31.02	16.08
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	47.32	19.97
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	64.32	27.33
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	76.22	32.06
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	105.17	38.89
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	188.51	59.07
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	255.99	77.68
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	435.57	92.30
23 23 16 00-0115		**ACR Wrought Copper Tee** *(23 23 16 00-0058)* Note: C x C x C		
23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee	40.62	18.91
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee	41.31	18.91
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee	38.76	18.91
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee	39.37	23.86
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee	59.43	23.86
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee	45.14	24.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee	75.60	32.06
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee	95.42	38.89
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee	126.49	46.15
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee	181.61	61.49
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee	381.58	134.23
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee	480.11	147.59
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee	872.27	163.98
23 23 16 00-0129		ACR Wrought Copper Male Adapter *(23 23 16 00-0058)*		
		Note: C x M		
23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter	36.29	11.35
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter	42.56	11.35
23 23 16 00-0132	EA	1/2" ACR Wrought Copper Male Adapter	32.15	11.35
23 23 16 00-0133		ACR Wrought Copper Female Adapter *(23 23 16 00-0058)*		
		Note: C x F		
23 23 16 00-0134	EA	1/4" ACR Wrought Copper Female Adapter	33.83	11.35
23 23 16 00-0135	EA	3/8" ACR Wrought Copper Female Adapter	30.24	11.35
23 23 16 00-0136	EA	1/2" ACR Wrought Copper Female Adapter	31.60	11.35
23 23 16 00-0137		ACR Wrought Copper Cap *(23 23 16 00-0058)*		
		Note: C		
23 23 16 00-0138	EA	1/4" ACR Wrought Copper Cap	14.32	7.57
23 23 16 00-0139	EA	3/8" ACR Wrought Copper Cap	13.18	7.57
23 23 16 00-0140	EA	1/2" ACR Wrought Copper Cap	14.29	7.57
23 23 16 00-0141		ACR Wrought Copper P-Trap *(23 23 16 00-0058)*		
23 23 16 00-0142	EA	5/8" ACR Wrought Copper P-Trap	100.96	9.68
23 23 16 00-0143	EA	3/4" ACR Wrought Copper P-Trap	139.13	10.65
23 23 16 00-0144	EA	7/8" ACR Wrought Copper P-Trap	118.55	10.65
23 23 16 00-0145	EA	1-1/8" ACR Wrought Copper P-Trap	163.87	11.62
23 23 16 00-0146	EA	1-3/8" ACR Wrought Copper P-Trap	286.14	11.62
23 23 16 00-0147	EA	1-5/8" ACR Wrought Copper P-Trap	408.38	12.59
23 23 16 00-0148	EA	2-1/8" ACR Wrought Copper P-Trap	754.10	13.56
23 23 16 00-0149		Sight Glass With Moisture And Liquid Indicator, Solder Connection *(23 23 16)*		
23 23 16 00-0150	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	54.72	14.53
23 23 16 00-0151	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	66.47	17.43
23 23 16 00-0152	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	80.38	21.30
23 23 16 00-0153	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	88.24	24.21
23 23 16 00-0154	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	119.34	30.98
23 23 16 00-0155	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	137.72	37.76
23 23 16 00-0156	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	214.41	44.54
23 23 16 00-0157	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	263.55	61.00
23 23 16 00-0158	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	323.35	75.52
23 23 16 00-0159		Filter Driers, Solder Connections *(23 23 16)*		
23 23 16 00-0160		Replaceable Core Type Filter Driers, Solder Connections *(23 23 16 00-0159)*		
23 23 16 00-0161	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	502.42	8.72
23 23 16 00-0162	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	503.57	10.65
23 23 16 00-0163	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	642.95	10.65
23 23 16 00-0164	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	638.76	11.62
23 23 16 00-0165	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	710.20	12.59
23 23 16 00-0166	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	796.64	13.56
23 23 16 00-0167	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	930.29	14.53
23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,161.37	14.53
23 23 16 00-0169		Sealed In-Line Filter Driers, Solder Connections *(23 23 16 00-0159)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	79.03	8.72
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	100.97	8.72
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	128.97	9.68
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	149.52	9.68
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	164.31	9.68
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	190.61	9.68
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	214.42	10.65
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	318.65	10.65
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	346.30	10.65
23 23 16 00-0179		Bi-Flow Filter Driers, Solder Connections *(23 23 16 00-0159)*		
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	111.66	8.72
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	124.20	8.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	147.97	9.68
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	133.41	8.72
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	166.97	9.68
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	193.87	9.68
23 23 16 00-0186		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	100.29	8.72
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	110.72	8.72
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	133.54	8.72
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	178.88	10.65
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	233.26	10.65
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	277.09	11.62
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	351.27	12.59
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	652.49	13.56
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	728.12	14.53
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	900.91	14.53
23 23 16 00-0197		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0198		**Thermostatic Expansion Valves** *(23 23 16 00-0197)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	216.91	8.72
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	302.13	9.68
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	516.36	9.68
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	611.98	10.65
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	660.39	10.65
23 23 16 00-0204		**Electric Expansion Valves** *(23 23 16 00-0197)* Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	545.03	12.10
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	632.20	12.59
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	719.86	13.07
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	843.91	13.07
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	950.91	13.56
23 23 16 00-0210		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0197)*		
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	57.51	12.59
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	57.60	14.53
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	74.76	18.40
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	80.38	22.27
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	94.58	27.11
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	109.55	30.98
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	155.49	11.62
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	219.96	12.59
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	276.02	12.59
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	379.11	13.56
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	648.45	14.53
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	850.41	14.53
23 23 16 00-0223		**Accumulator, Refrigerant Suction Line** *(23 23 16)*		
23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line	182.57	44.05
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line	247.31	60.51
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line	293.54	80.65
23 23 16 00-0227	EA	1 3/8" Accumulator, Refrigeration Suction Line	416.34	96.82
23 23 16 00-0228	EA	1-5/8" Accumulator, Refrigeration Suction Line	575.82	121.03
23 23 16 00-0229	EA	2-1/8" Accumulator, Refrigeration Suction Line	879.33	161.40
23 23 16 00-0230		**Special Chemicals/Component** *(23 23 16)*		
23 23 16 00-0231	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	38.20	
23 23 16 00-0232	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	7.51	
23 23 16 00-0233	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	25.94	
23 23 16 00-0234	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	316.14	
23 23 23		**Refrigerants** *(23 23)*		
23 23 23 00-0001		**Refrigerant** *(23 23 23)*		
23 23 23 00-0002	LB	R-113 Refrigerant	25.86	
23 23 23 00-0003	LB	R-123 Refrigerant	18.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 23 00-0004	LB	R-134A Refrigerant	6.76	
23 23 23 00-0005	LB	R-404A Refrigerant	12.10	
23 23 23 00-0006	LB	R-407C Refrigerant	11.97	
23 23 23 00-0007	LB	R-408A Refrigerant	27.29	
23 23 23 00-0008	LB	R-410A Refrigerant	11.73	
23 23 23 00-0009	LB	R-500 Refrigerant	23.18	
23 23 23 00-0010	LB	R-507 Refrigerant	7.46	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	373.04	80.83

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,085.67	367.74
		For Booster Pump, Add	*416.73*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,240.29	420.28
		For Booster Pump, Add	*476.34*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,728.30	318.36
		For Booster Pump, Add	*585.83*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	975.99	274.00

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,433.37	412.46
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,889.27	546.08

23 25 13 00-0013 Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,433.37	412.46
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,889.27	546.08

23 25 13 00-0016 Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,818.08	412.46
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,288.74	546.08

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0409 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0003	LB	2" WG And Less (Class C), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	10.87	2.74
		For Polyvinyl Chloride (PVC) Coated, Add	*0.49*	
		For Up To 200, Add	*3.99*	
		For >200 To 500, Add	*2.57*	
		For >500 To 1,000, Add	*1.69*	
		For >1,000 To 2,000, Add	*0.94*	
		For >2,000 To 5,000, Add	*0.41*	
		For Work In Restricted Working Space, Add	*2.53*	
		For Elevated Installation >10' To 15', Add	*0.51*	
		For Elevated Installation >15' To 20', Add	*1.01*	
		For Elevated Installation >20' To 25', Add	*1.26*	
		For Elevated Installation >25' To 30', Add	*1.77*	
		For Elevated Installation >30' To 35', Add	*2.02*	
		For Elevated Installation >35' To 40', Add	*2.53*	
		For Elevated Installation >40', Add	*2.78*	
23 31 13 13-0004	LB	3" WG (Class B), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	12.14	2.74
		For Polyvinyl Chloride (PVC) Coated, Add	*0.49*	
		For Up To 200, Add	*4.37*	
		For >200 To 500, Add	*2.80*	
		For >500 To 1,000, Add	*1.87*	
		For >1,000 To 2,000, Add	*1.04*	
		For >2,000 To 5,000, Add	*0.46*	
		For Work In Restricted Working Space, Add	*2.91*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.16*	
		For Elevated Installation >20' To 25', Add	*1.46*	
		For Elevated Installation >25' To 30', Add	*2.04*	
		For Elevated Installation >30' To 35', Add	*2.33*	
		For Elevated Installation >35' To 40', Add	*2.91*	
		For Elevated Installation >40', Add	*3.20*	
23 31 13 13-0005	LB	4" Or 6" WG (Class A), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	14.24	2.74
		For Polyvinyl Chloride (PVC) Coated, Add	*0.49*	
		For Up To 200, Add	*5.00*	
		For >200 To 500, Add	*3.17*	
		For >500 To 1,000, Add	*2.16*	
		For >1,000 To 2,000, Add	*1.21*	
		For >2,000 To 5,000, Add	*0.55*	
		For Work In Restricted Working Space, Add	*3.54*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Elevated Installation >20' To 25', Add	*1.77*	
		For Elevated Installation >25' To 30', Add	*2.48*	
		For Elevated Installation >30' To 35', Add	*2.83*	
		For Elevated Installation >35' To 40', Add	*3.54*	
		For Elevated Installation >40', Add	*3.89*	

23 31 13 13-0006 Alloy 3003-H14, Aluminum Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF

23 31 13 13-0007	LB	2" WG And Less (Class C), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	20.56	2.74
		For Work In Restricted Working Space, Add	*5.00*	
		For Up To 200, Add	*7.34*	
		For >200 To 500, Add	*4.67*	
		For >500 To 1,000, Add	*3.15*	
		For >1,000 To 2,000, Add	*1.76*	
		For >2,000 To 5,000, Add	*0.78*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*2.00*	
		For Elevated Installation >20' To 25', Add	*2.50*	
		For Elevated Installation >25' To 30', Add	*3.50*	
		For Elevated Installation >30' To 35', Add	*4.00*	
		For Elevated Installation >35' To 40', Add	*5.00*	
		For Elevated Installation >40', Add	*5.50*	
23 31 13 13-0008	LB	3" WG (Class B), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	23.05	2.74
		For Work In Restricted Working Space, Add	*5.75*	
		For Up To 200, Add	*8.08*	
		For >200 To 500, Add	*5.12*	
		For >500 To 1,000, Add	*3.50*	
		For >1,000 To 2,000, Add	*1.96*	
		For >2,000 To 5,000, Add	*0.88*	
		For Elevated Installation >10' To 15', Add	*1.15*	
		For Elevated Installation >15' To 20', Add	*2.30*	
		For Elevated Installation >20' To 25', Add	*2.87*	
		For Elevated Installation >25' To 30', Add	*4.02*	
		For Elevated Installation >30' To 35', Add	*4.60*	
		For Elevated Installation >35' To 40', Add	*5.75*	
		For Elevated Installation >40', Add	*6.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0009	LB	4" Or 6" WG (Class A), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	27.22	2.74
		For Work In Restricted Working Space, Add	*7.00*	
		For Up To 200, Add	*9.33*	
		For >200 To 500, Add	*5.87*	
		For >500 To 1,000, Add	*4.08*	
		For >1,000 To 2,000, Add	*2.29*	
		For >2,000 To 5,000, Add	*1.05*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.80*	
		For Elevated Installation >20' To 25', Add	*3.50*	
		For Elevated Installation >25' To 30', Add	*4.90*	
		For Elevated Installation >30' To 35', Add	*5.60*	
		For Elevated Installation >35' To 40', Add	*7.00*	
		For Elevated Installation >40', Add	*7.70*	
23 31 13 13-0010		**Type 304, Stainless Steel Sheet Metal Ductwork** *(23 31 13 13-0001)*		
		Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge; 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF		
23 31 13 13-0011	LB	2" WG And Less (Class C), Type 304, Stainless Steel Sheet Metal Ductwork	15.20	3.65
		For Work In Restricted Working Space, Add	*3.07*	
		For Welded Seams, Add	*5.37*	
		For Up To 200, Add	*6.05*	
		For >200 To 500, Add	*3.98*	
		For >500 To 1,000, Add	*2.48*	
		For >1,000 To 2,000, Add	*1.36*	
		For >2,000 To 5,000, Add	*0.56*	
		For Elevated Installation >10' To 15', Add	*0.61*	
		For Elevated Installation >15' To 20', Add	*1.23*	
		For Elevated Installation >20' To 25', Add	*1.54*	
		For Elevated Installation >25' To 30', Add	*2.15*	
		For Elevated Installation >30' To 35', Add	*2.46*	
		For Elevated Installation >35' To 40', Add	*3.07*	
		For Elevated Installation >40', Add	*3.38*	
23 31 13 13-0012	LB	3" WG (Class B), Type 304, Stainless Steel Sheet Metal Ductwork	17.32	3.65
		For Work In Restricted Working Space, Add	*3.71*	
		For Welded Seams, Add	*6.43*	
		For Up To 200, Add	*6.68*	
		For >200 To 500, Add	*4.36*	
		For >500 To 1,000, Add	*2.77*	
		For >1,000 To 2,000, Add	*1.53*	
		For >2,000 To 5,000, Add	*0.64*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.60*	
		For Elevated Installation >30' To 35', Add	*2.97*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
23 31 13 13-0013	LB	4" Or 6" WG (Class A), Type 304, Stainless Steel Sheet Metal Ductwork	19.29	3.65
		For Work In Restricted Working Space, Add	*4.30*	
		For Welded Seams, Add	*7.41*	
		For Up To 200, Add	*7.28*	
		For >200 To 500, Add	*4.71*	
		For >500 To 1,000, Add	*3.05*	
		For >1,000 To 2,000, Add	*1.69*	
		For >2,000 To 5,000, Add	*0.72*	
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.72*	
		For Elevated Installation >20' To 25', Add	*2.15*	
		For Elevated Installation >25' To 30', Add	*3.01*	
		For Elevated Installation >30' To 35', Add	*3.44*	
		For Elevated Installation >35' To 40', Add	*4.30*	
		For Elevated Installation >40', Add	*4.73*	
23 31 13 13-0014		**Galvanized Steel Sheet Metal Ductwork By LF** *(23 31 13 13-0001)*		
		Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0015		**30 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0016	LF	4" x 4", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.84	5.63
		For 3" WG (Class B), Add	*1.41*	
		For 4" Or 6" WG (Class A), Add	*3.00*	
		For 10" WG (Class A), Add	*4.32*	
		For Work In Restricted Working Space, Add	*2.82*	
23 31 13 13-0017	LF	4" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.54	7.04
		For 3" WG (Class B), Add	*1.76*	
		For 4" Or 6" WG (Class A), Add	*3.75*	
		For 10" WG (Class A), Add	*5.40*	
		For Work In Restricted Working Space, Add	*3.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0018	LF	4" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	16.26	8.45
		For 3" WG (Class B), Add	*2.11*	
		For 4" Or 6" WG (Class A), Add	*4.51*	
		For 10" WG (Class A), Add	*6.48*	
		For Work In Restricted Working Space, Add	*4.22*	
23 31 13 13-0019	LF	4" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.96	9.85
		For 3" WG (Class B), Add	*2.46*	
		For 4" Or 6" WG (Class A), Add	*5.25*	
		For 10" WG (Class A), Add	*7.55*	
		For Work In Restricted Working Space, Add	*4.93*	
23 31 13 13-0020	LF	4" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	21.68	11.26
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0021	LF	4" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	24.38	12.68
		For 3" WG (Class B), Add	*3.17*	
		For 4" Or 6" WG (Class A), Add	*6.76*	
		For 10" WG (Class A), Add	*9.72*	
		For Work In Restricted Working Space, Add	*6.34*	
23 31 13 13-0022	LF	4" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	27.09	14.08
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.51*	
		For 10" WG (Class A), Add	*10.80*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0023	LF	6" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	16.26	8.45
		For 3" WG (Class B), Add	*2.11*	
		For 4" Or 6" WG (Class A), Add	*4.51*	
		For 10" WG (Class A), Add	*6.48*	
		For Work In Restricted Working Space, Add	*4.22*	
23 31 13 13-0024	LF	6" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	18.96	9.85
		For 3" WG (Class B), Add	*2.46*	
		For 4" Or 6" WG (Class A), Add	*5.25*	
		For 10" WG (Class A), Add	*7.55*	
		For Work In Restricted Working Space, Add	*4.93*	
23 31 13 13-0025	LF	6" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	21.68	11.26
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0026	LF	6" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	24.38	12.68
		For 3" WG (Class B), Add	*3.17*	
		For 4" Or 6" WG (Class A), Add	*6.76*	
		For 10" WG (Class A), Add	*9.72*	
		For Work In Restricted Working Space, Add	*6.34*	
23 31 13 13-0027	LF	6" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	27.09	14.08
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.51*	
		For 10" WG (Class A), Add	*10.80*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0028	LF	6" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.80	15.49
		For 3" WG (Class B), Add	*3.87*	
		For 4" Or 6" WG (Class A), Add	*8.26*	
		For 10" WG (Class A), Add	*11.87*	
		For Work In Restricted Working Space, Add	*7.74*	
23 31 13 13-0029	LF	8" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	21.68	11.26
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0030	LF	8" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	24.38	12.68
		For 3" WG (Class B), Add	*3.17*	
		For 4" Or 6" WG (Class A), Add	*6.76*	
		For 10" WG (Class A), Add	*9.72*	
		For Work In Restricted Working Space, Add	*6.34*	
23 31 13 13-0031	LF	8" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	27.09	14.08
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.51*	
		For 10" WG (Class A), Add	*10.80*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0032	LF	8" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.80	15.49
		For 3" WG (Class B), Add	*3.87*	
		For 4" Or 6" WG (Class A), Add	*8.26*	
		For 10" WG (Class A), Add	*11.87*	
		For Work In Restricted Working Space, Add	*7.74*	
23 31 13 13-0033	LF	8" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	32.50	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0034	LF	8" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	35.23	18.30
		For 3" WG (Class B), Add	*4.58*	
		For 4" Or 6" WG (Class A), Add	*9.76*	
		For 10" WG (Class A), Add	*14.03*	
		For Work In Restricted Working Space, Add	*9.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0035	LF	8" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	37.92	19.72
		For 3" WG (Class B), Add	*4.93*	
		For 4" Or 6" WG (Class A), Add	*10.51*	
		For 10" WG (Class A), Add	*15.11*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0036	LF	8" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.12
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0037	LF	8" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	43.34	22.53
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0038	LF	10" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	27.09	14.08
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.51*	
		For 10" WG (Class A), Add	*10.80*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0039	LF	10" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.80	15.49
		For 3" WG (Class B), Add	*3.87*	
		For 4" Or 6" WG (Class A), Add	*8.26*	
		For 10" WG (Class A), Add	*11.87*	
		For Work In Restricted Working Space, Add	*7.74*	
23 31 13 13-0040	LF	10" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	32.50	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0041	LF	10" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	35.23	18.30
		For 3" WG (Class B), Add	*4.58*	
		For 4" Or 6" WG (Class A), Add	*9.76*	
		For 10" WG (Class A), Add	*14.03*	
		For Work In Restricted Working Space, Add	*9.15*	
23 31 13 13-0042	LF	10" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	37.92	19.72
		For 3" WG (Class B), Add	*4.93*	
		For 4" Or 6" WG (Class A), Add	*10.51*	
		For 10" WG (Class A), Add	*15.11*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0043	LF	10" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.12
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0044	LF	10" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	43.34	22.53
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0045	LF	10" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	46.06	23.93
		For 3" WG (Class B), Add	*5.98*	
		For 4" Or 6" WG (Class A), Add	*12.76*	
		For 10" WG (Class A), Add	*18.35*	
		For Work In Restricted Working Space, Add	*11.97*	
23 31 13 13-0046	LF	12" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	32.50	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0047	LF	12" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	35.23	18.30
		For 3" WG (Class B), Add	*4.58*	
		For 4" Or 6" WG (Class A), Add	*9.76*	
		For 10" WG (Class A), Add	*14.03*	
		For Work In Restricted Working Space, Add	*9.15*	
23 31 13 13-0048	LF	12" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	37.92	19.72
		For 3" WG (Class B), Add	*4.93*	
		For 4" Or 6" WG (Class A), Add	*10.51*	
		For 10" WG (Class A), Add	*15.11*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0049	LF	12" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.12
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0050	LF	12" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	43.34	22.53
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0051	LF	12" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	46.06	23.93
		For 3" WG (Class B), Add	*5.98*	
		For 4" Or 6" WG (Class A), Add	*12.76*	
		For 10" WG (Class A), Add	*18.35*	
		For Work In Restricted Working Space, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0052	LF	12" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	48.76	25.34
		For 3" WG (Class B), Add	*6.34*	
		For 4" Or 6" WG (Class A), Add	*13.52*	
		For 10" WG (Class A), Add	*19.43*	
		For Work In Restricted Working Space, Add	*12.67*	
23 31 13 13-0053	LF	14" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	37.92	19.72
		For 3" WG (Class B), Add	*4.93*	
		For 4" Or 6" WG (Class A), Add	*10.51*	
		For 10" WG (Class A), Add	*15.11*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0054	LF	14" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.12
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0055	LF	14" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	43.34	22.53
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0056	LF	14" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	46.06	23.93
		For 3" WG (Class B), Add	*5.98*	
		For 4" Or 6" WG (Class A), Add	*12.76*	
		For 10" WG (Class A), Add	*18.35*	
		For Work In Restricted Working Space, Add	*11.97*	
23 31 13 13-0057	LF	14" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	48.76	25.34
		For 3" WG (Class B), Add	*6.34*	
		For 4" Or 6" WG (Class A), Add	*13.52*	
		For 10" WG (Class A), Add	*19.43*	
		For Work In Restricted Working Space, Add	*12.67*	
23 31 13 13-0058	LF	14" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	51.49	26.75
		For 3" WG (Class B), Add	*6.69*	
		For 4" Or 6" WG (Class A), Add	*14.27*	
		For 10" WG (Class A), Add	*20.51*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0059	LF	16" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	43.34	22.53
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0060	LF	16" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	46.06	23.93
		For 3" WG (Class B), Add	*5.98*	
		For 4" Or 6" WG (Class A), Add	*12.76*	
		For 10" WG (Class A), Add	*18.35*	
		For Work In Restricted Working Space, Add	*11.97*	
23 31 13 13-0061	LF	16" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	48.76	25.34
		For 3" WG (Class B), Add	*6.34*	
		For 4" Or 6" WG (Class A), Add	*13.52*	
		For 10" WG (Class A), Add	*19.43*	
		For Work In Restricted Working Space, Add	*12.67*	
23 31 13 13-0062	LF	16" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	51.49	26.75
		For 3" WG (Class B), Add	*6.69*	
		For 4" Or 6" WG (Class A), Add	*14.27*	
		For 10" WG (Class A), Add	*20.51*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0063	LF	16" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	54.18	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.02*	
		For 10" WG (Class A), Add	*21.59*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0064	LF	18" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	48.76	25.34
		For 3" WG (Class B), Add	*6.34*	
		For 4" Or 6" WG (Class A), Add	*13.52*	
		For 10" WG (Class A), Add	*19.43*	
		For Work In Restricted Working Space, Add	*12.67*	
23 31 13 13-0065	LF	18" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	51.49	26.75
		For 3" WG (Class B), Add	*6.69*	
		For 4" Or 6" WG (Class A), Add	*14.27*	
		For 10" WG (Class A), Add	*20.51*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0066	LF	18" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	54.18	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.02*	
		For 10" WG (Class A), Add	*21.59*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0067	LF	18" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	56.87	29.57
		For 3" WG (Class B), Add	*7.39*	
		For 4" Or 6" WG (Class A), Add	*15.77*	
		For 10" WG (Class A), Add	*22.66*	
		For Work In Restricted Working Space, Add	*14.78*	
23 31 13 13-0068	LF	20" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	54.18	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.02*	
		For 10" WG (Class A), Add	*21.59*	
		For Work In Restricted Working Space, Add	*14.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0069	LF	20" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	56.87	29.57
		For 3" WG (Class B), Add	*7.39*	
		For 4" Or 6" WG (Class A), Add	*15.77*	
		For 10" WG (Class A), Add	*22.66*	
		For Work In Restricted Working Space, Add	*14.78*	
23 31 13 13-0070	LF	20" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	59.60	30.97
		For 3" WG (Class B), Add	*7.74*	
		For 4" Or 6" WG (Class A), Add	*16.52*	
		For 10" WG (Class A), Add	*23.75*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0071	LF	22" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	59.60	30.97
		For 3" WG (Class B), Add	*7.74*	
		For 4" Or 6" WG (Class A), Add	*16.52*	
		For 10" WG (Class A), Add	*23.75*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0072	LF	22" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	62.30	32.38
		For 3" WG (Class B), Add	*8.10*	
		For 4" Or 6" WG (Class A), Add	*17.27*	
		For 10" WG (Class A), Add	*24.83*	
		For Work In Restricted Working Space, Add	*16.19*	
23 31 13 13-0073	LF	24" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	65.02	33.79
		For 3" WG (Class B), Add	*8.45*	
		For 4" Or 6" WG (Class A), Add	*18.02*	
		For 10" WG (Class A), Add	*25.91*	
		For Work In Restricted Working Space, Add	*16.90*	
23 31 13 13-0074		**28 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0075	LF	4" x 4", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	12.89	6.70
		For 3" WG (Class B), Add	*1.68*	
		For 4" Or 6" WG (Class A), Add	*3.57*	
		For 10" WG (Class A), Add	*5.14*	
		For Work In Restricted Working Space, Add	*3.35*	
23 31 13 13-0076	LF	4" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	16.13	8.38
		For 3" WG (Class B), Add	*2.10*	
		For 4" Or 6" WG (Class A), Add	*4.47*	
		For 10" WG (Class A), Add	*6.43*	
		For Work In Restricted Working Space, Add	*4.19*	
23 31 13 13-0077	LF	4" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	19.36	10.05
		For 3" WG (Class B), Add	*2.52*	
		For 4" Or 6" WG (Class A), Add	*5.37*	
		For 10" WG (Class A), Add	*7.71*	
		For Work In Restricted Working Space, Add	*5.03*	
23 31 13 13-0078	LF	4" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	22.56	11.73
		For 3" WG (Class B), Add	*2.93*	
		For 4" Or 6" WG (Class A), Add	*6.26*	
		For 10" WG (Class A), Add	*8.99*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0079	LF	4" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	25.81	13.42
		For 3" WG (Class B), Add	*3.35*	
		For 4" Or 6" WG (Class A), Add	*7.15*	
		For 10" WG (Class A), Add	*10.28*	
		For Work In Restricted Working Space, Add	*6.71*	
23 31 13 13-0080	LF	4" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	29.02	15.08
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.56*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0081	LF	4" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	32.25	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.85*	
		For Work In Restricted Working Space, Add	*8.38*	
23 31 13 13-0082	LF	6" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	19.36	10.05
		For 3" WG (Class B), Add	*2.52*	
		For 4" Or 6" WG (Class A), Add	*5.37*	
		For 10" WG (Class A), Add	*7.71*	
		For Work In Restricted Working Space, Add	*5.03*	
23 31 13 13-0083	LF	6" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	22.56	11.73
		For 3" WG (Class B), Add	*2.93*	
		For 4" Or 6" WG (Class A), Add	*6.26*	
		For 10" WG (Class A), Add	*8.99*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0084	LF	6" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	25.81	13.42
		For 3" WG (Class B), Add	*3.35*	
		For 4" Or 6" WG (Class A), Add	*7.15*	
		For 10" WG (Class A), Add	*10.28*	
		For Work In Restricted Working Space, Add	*6.71*	
23 31 13 13-0085	LF	6" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	29.02	15.08
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.56*	
		For Work In Restricted Working Space, Add	*7.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0086	LF	6" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	32.25	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.85*	
		For Work In Restricted Working Space, Add	*8.38*	
23 31 13 13-0087	LF	6" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.49	18.44
		For 3" WG (Class B), Add	*4.61*	
		For 4" Or 6" WG (Class A), Add	*9.84*	
		For 10" WG (Class A), Add	*14.14*	
		For Work In Restricted Working Space, Add	*9.22*	
23 31 13 13-0088	LF	8" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	25.81	13.42
		For 3" WG (Class B), Add	*3.35*	
		For 4" Or 6" WG (Class A), Add	*7.15*	
		For 10" WG (Class A), Add	*10.28*	
		For Work In Restricted Working Space, Add	*6.71*	
23 31 13 13-0089	LF	8" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	29.02	15.08
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.56*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0090	LF	8" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	32.25	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.85*	
		For Work In Restricted Working Space, Add	*8.38*	
23 31 13 13-0091	LF	8" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.49	18.44
		For 3" WG (Class B), Add	*4.61*	
		For 4" Or 6" WG (Class A), Add	*9.84*	
		For 10" WG (Class A), Add	*14.14*	
		For Work In Restricted Working Space, Add	*9.22*	
23 31 13 13-0092	LF	8" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	38.70	20.11
		For 3" WG (Class B), Add	*5.03*	
		For 4" Or 6" WG (Class A), Add	*10.73*	
		For 10" WG (Class A), Add	*15.42*	
		For Work In Restricted Working Space, Add	*10.06*	
23 31 13 13-0093	LF	8" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	41.92	21.79
		For 3" WG (Class B), Add	*5.45*	
		For 4" Or 6" WG (Class A), Add	*11.62*	
		For 10" WG (Class A), Add	*16.71*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0094	LF	8" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	45.15	23.47
		For 3" WG (Class B), Add	*5.87*	
		For 4" Or 6" WG (Class A), Add	*12.52*	
		For 10" WG (Class A), Add	*17.99*	
		For Work In Restricted Working Space, Add	*11.73*	
23 31 13 13-0095	LF	8" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	48.37	25.14
		For 3" WG (Class B), Add	*6.29*	
		For 4" Or 6" WG (Class A), Add	*13.41*	
		For 10" WG (Class A), Add	*19.27*	
		For Work In Restricted Working Space, Add	*12.57*	
23 31 13 13-0096	LF	8" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	51.61	26.82
		For 3" WG (Class B), Add	*6.71*	
		For 4" Or 6" WG (Class A), Add	*14.30*	
		For 10" WG (Class A), Add	*20.56*	
		For Work In Restricted Working Space, Add	*13.41*	
23 31 13 13-0097	LF	10" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	32.25	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.85*	
		For Work In Restricted Working Space, Add	*8.38*	
23 31 13 13-0098	LF	10" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.49	18.44
		For 3" WG (Class B), Add	*4.61*	
		For 4" Or 6" WG (Class A), Add	*9.84*	
		For 10" WG (Class A), Add	*14.14*	
		For Work In Restricted Working Space, Add	*9.22*	
23 31 13 13-0099	LF	10" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	38.70	20.11
		For 3" WG (Class B), Add	*5.03*	
		For 4" Or 6" WG (Class A), Add	*10.73*	
		For 10" WG (Class A), Add	*15.42*	
		For Work In Restricted Working Space, Add	*10.06*	
23 31 13 13-0100	LF	10" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	41.92	21.79
		For 3" WG (Class B), Add	*5.45*	
		For 4" Or 6" WG (Class A), Add	*11.62*	
		For 10" WG (Class A), Add	*16.71*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0101	LF	10" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	45.15	23.47
		For 3" WG (Class B), Add	*5.87*	
		For 4" Or 6" WG (Class A), Add	*12.52*	
		For 10" WG (Class A), Add	*17.99*	
		For Work In Restricted Working Space, Add	*11.73*	
23 31 13 13-0102	LF	10" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	48.37	25.14
		For 3" WG (Class B), Add	*6.29*	
		For 4" Or 6" WG (Class A), Add	*13.41*	
		For 10" WG (Class A), Add	*19.27*	
		For Work In Restricted Working Space, Add	*12.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0103	LF	10" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	51.61	26.82
		For 3" WG (Class B), Add	*6.71*	
		For 4" Or 6" WG (Class A), Add	*14.30*	
		For 10" WG (Class A), Add	*20.56*	
		For Work In Restricted Working Space, Add	*13.41*	
23 31 13 13-0104	LF	10" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	54.84	28.50
		For 3" WG (Class B), Add	*7.13*	
		For 4" Or 6" WG (Class A), Add	*15.20*	
		For 10" WG (Class A), Add	*21.85*	
		For Work In Restricted Working Space, Add	*14.25*	
23 31 13 13-0105	LF	12" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	38.70	20.11
		For 3" WG (Class B), Add	*5.03*	
		For 4" Or 6" WG (Class A), Add	*10.73*	
		For 10" WG (Class A), Add	*15.42*	
		For Work In Restricted Working Space, Add	*10.06*	
23 31 13 13-0106	LF	12" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	41.92	21.79
		For 3" WG (Class B), Add	*5.45*	
		For 4" Or 6" WG (Class A), Add	*11.62*	
		For 10" WG (Class A), Add	*16.71*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0107	LF	12" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	45.15	23.47
		For 3" WG (Class B), Add	*5.87*	
		For 4" Or 6" WG (Class A), Add	*12.52*	
		For 10" WG (Class A), Add	*17.99*	
		For Work In Restricted Working Space, Add	*11.73*	
23 31 13 13-0108	LF	12" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	48.37	25.14
		For 3" WG (Class B), Add	*6.29*	
		For 4" Or 6" WG (Class A), Add	*13.41*	
		For 10" WG (Class A), Add	*19.27*	
		For Work In Restricted Working Space, Add	*12.57*	
23 31 13 13-0109	LF	12" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	51.61	26.82
		For 3" WG (Class B), Add	*6.71*	
		For 4" Or 6" WG (Class A), Add	*14.30*	
		For 10" WG (Class A), Add	*20.56*	
		For Work In Restricted Working Space, Add	*13.41*	
23 31 13 13-0110	LF	12" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	54.84	28.50
		For 3" WG (Class B), Add	*7.13*	
		For 4" Or 6" WG (Class A), Add	*15.20*	
		For 10" WG (Class A), Add	*21.85*	
		For Work In Restricted Working Space, Add	*14.25*	
23 31 13 13-0111	LF	12" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	58.05	30.16
		For 3" WG (Class B), Add	*7.54*	
		For 4" Or 6" WG (Class A), Add	*16.09*	
		For 10" WG (Class A), Add	*23.13*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0112	LF	14" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	45.15	23.47
		For 3" WG (Class B), Add	*5.87*	
		For 4" Or 6" WG (Class A), Add	*12.52*	
		For 10" WG (Class A), Add	*17.99*	
		For Work In Restricted Working Space, Add	*11.73*	
23 31 13 13-0113	LF	14" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	48.37	25.14
		For 3" WG (Class B), Add	*6.29*	
		For 4" Or 6" WG (Class A), Add	*13.41*	
		For 10" WG (Class A), Add	*19.27*	
		For Work In Restricted Working Space, Add	*12.57*	
23 31 13 13-0114	LF	14" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	51.61	26.82
		For 3" WG (Class B), Add	*6.71*	
		For 4" Or 6" WG (Class A), Add	*14.30*	
		For 10" WG (Class A), Add	*20.56*	
		For Work In Restricted Working Space, Add	*13.41*	
23 31 13 13-0115	LF	14" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	54.84	28.50
		For 3" WG (Class B), Add	*7.13*	
		For 4" Or 6" WG (Class A), Add	*15.20*	
		For 10" WG (Class A), Add	*21.85*	
		For Work In Restricted Working Space, Add	*14.25*	
23 31 13 13-0116	LF	14" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	58.05	30.16
		For 3" WG (Class B), Add	*7.54*	
		For 4" Or 6" WG (Class A), Add	*16.09*	
		For 10" WG (Class A), Add	*23.13*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0117	LF	14" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	61.29	31.85
		For 3" WG (Class B), Add	*7.96*	
		For 4" Or 6" WG (Class A), Add	*16.99*	
		For 10" WG (Class A), Add	*24.42*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0118	LF	16" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	51.61	26.82
		For 3" WG (Class B), Add	*6.71*	
		For 4" Or 6" WG (Class A), Add	*14.30*	
		For 10" WG (Class A), Add	*20.56*	
		For Work In Restricted Working Space, Add	*13.41*	
23 31 13 13-0119	LF	16" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	54.84	28.50
		For 3" WG (Class B), Add	*7.13*	
		For 4" Or 6" WG (Class A), Add	*15.20*	
		For 10" WG (Class A), Add	*21.85*	
		For Work In Restricted Working Space, Add	*14.25*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0120	LF	16" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	58.05	30.16
		For 3" WG (Class B), Add	*7.54*	
		For 4" Or 6" WG (Class A), Add	*16.09*	
		For 10" WG (Class A), Add	*23.13*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0121	LF	16" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	61.29	31.85
		For 3" WG (Class B), Add	*7.96*	
		For 4" Or 6" WG (Class A), Add	*16.99*	
		For 10" WG (Class A), Add	*24.42*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0122	LF	16" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	64.50	33.52
		For 3" WG (Class B), Add	*8.38*	
		For 4" Or 6" WG (Class A), Add	*17.88*	
		For 10" WG (Class A), Add	*25.70*	
		For Work In Restricted Working Space, Add	*16.76*	
23 31 13 13-0123	LF	18" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	58.05	30.16
		For 3" WG (Class B), Add	*7.54*	
		For 4" Or 6" WG (Class A), Add	*16.09*	
		For 10" WG (Class A), Add	*23.13*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0124	LF	18" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	61.29	31.85
		For 3" WG (Class B), Add	*7.96*	
		For 4" Or 6" WG (Class A), Add	*16.99*	
		For 10" WG (Class A), Add	*24.42*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0125	LF	18" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	64.50	33.52
		For 3" WG (Class B), Add	*8.38*	
		For 4" Or 6" WG (Class A), Add	*17.88*	
		For 10" WG (Class A), Add	*25.70*	
		For Work In Restricted Working Space, Add	*16.76*	
23 31 13 13-0126	LF	18" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	67.73	35.20
		For 3" WG (Class B), Add	*8.80*	
		For 4" Or 6" WG (Class A), Add	*18.77*	
		For 10" WG (Class A), Add	*26.99*	
		For Work In Restricted Working Space, Add	*17.60*	
23 31 13 13-0127	LF	20" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	64.50	33.52
		For 3" WG (Class B), Add	*8.38*	
		For 4" Or 6" WG (Class A), Add	*17.88*	
		For 10" WG (Class A), Add	*25.70*	
		For Work In Restricted Working Space, Add	*16.76*	
23 31 13 13-0128	LF	20" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	67.73	35.20
		For 3" WG (Class B), Add	*8.80*	
		For 4" Or 6" WG (Class A), Add	*18.77*	
		For 10" WG (Class A), Add	*26.99*	
		For Work In Restricted Working Space, Add	*17.60*	
23 31 13 13-0129	LF	20" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	70.96	36.88
		For 3" WG (Class B), Add	*9.22*	
		For 4" Or 6" WG (Class A), Add	*19.67*	
		For 10" WG (Class A), Add	*28.27*	
		For Work In Restricted Working Space, Add	*18.44*	
23 31 13 13-0130	LF	22" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	70.96	36.88
		For 3" WG (Class B), Add	*9.22*	
		For 4" Or 6" WG (Class A), Add	*19.67*	
		For 10" WG (Class A), Add	*28.27*	
		For Work In Restricted Working Space, Add	*18.44*	
23 31 13 13-0131	LF	22" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	74.18	38.55
		For 3" WG (Class B), Add	*9.64*	
		For 4" Or 6" WG (Class A), Add	*20.56*	
		For 10" WG (Class A), Add	*29.56*	
		For Work In Restricted Working Space, Add	*19.28*	
23 31 13 13-0132	LF	24" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	77.40	40.24
		For 3" WG (Class B), Add	*10.06*	
		For 4" Or 6" WG (Class A), Add	*21.46*	
		For 10" WG (Class A), Add	*30.84*	
		For Work In Restricted Working Space, Add	*20.12*	

23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0134	LF	4" x 4", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	14.97	7.77
		For 3" WG (Class B), Add	*1.95*	
		For 4" Or 6" WG (Class A), Add	*4.15*	
		For 10" WG (Class A), Add	*5.97*	
		For Work In Restricted Working Space, Add	*3.89*	
23 31 13 13-0135	LF	4" x 6", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	18.70	9.72
		For 3" WG (Class B), Add	*2.43*	
		For 4" Or 6" WG (Class A), Add	*5.18*	
		For 10" WG (Class A), Add	*7.45*	
		For Work In Restricted Working Space, Add	*4.86*	
23 31 13 13-0136	LF	4" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	22.44	11.67
		For 3" WG (Class B), Add	*2.92*	
		For 4" Or 6" WG (Class A), Add	*6.22*	
		For 10" WG (Class A), Add	*8.94*	
		For Work In Restricted Working Space, Add	*5.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0137	LF	4" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	26.18	13.62
		For 3" WG (Class B), Add	*3.40*	
		For 4" Or 6" WG (Class A), Add	*7.26*	
		For 10" WG (Class A), Add	*10.43*	
		For Work In Restricted Working Space, Add	*6.80*	
23 31 13 13-0138	LF	4" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	29.92	15.56
		For 3" WG (Class B), Add	*3.89*	
		For 4" Or 6" WG (Class A), Add	*8.29*	
		For 10" WG (Class A), Add	*11.92*	
		For Work In Restricted Working Space, Add	*7.78*	
23 31 13 13-0139	LF	4" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	33.66	17.50
		For 3" WG (Class B), Add	*4.37*	
		For 4" Or 6" WG (Class A), Add	*9.33*	
		For 10" WG (Class A), Add	*13.41*	
		For Work In Restricted Working Space, Add	*8.75*	
23 31 13 13-0140	LF	4" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.41	19.44
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.37*	
		For 10" WG (Class A), Add	*14.91*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0141	LF	6" x 6", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	22.44	11.67
		For 3" WG (Class B), Add	*2.92*	
		For 4" Or 6" WG (Class A), Add	*6.22*	
		For 10" WG (Class A), Add	*8.94*	
		For Work In Restricted Working Space, Add	*5.83*	
23 31 13 13-0142	LF	6" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	26.18	13.62
		For 3" WG (Class B), Add	*3.40*	
		For 4" Or 6" WG (Class A), Add	*7.26*	
		For 10" WG (Class A), Add	*10.43*	
		For Work In Restricted Working Space, Add	*6.80*	
23 31 13 13-0143	LF	6" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	29.92	15.56
		For 3" WG (Class B), Add	*3.89*	
		For 4" Or 6" WG (Class A), Add	*8.29*	
		For 10" WG (Class A), Add	*11.92*	
		For Work In Restricted Working Space, Add	*7.78*	
23 31 13 13-0144	LF	6" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	33.67	17.50
		For 3" WG (Class B), Add	*4.37*	
		For 4" Or 6" WG (Class A), Add	*9.33*	
		For 10" WG (Class A), Add	*13.41*	
		For Work In Restricted Working Space, Add	*8.75*	
23 31 13 13-0145	LF	6" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.41	19.44
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.37*	
		For 10" WG (Class A), Add	*14.91*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0146	LF	6" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.16	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.40*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0147	LF	8" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	29.92	15.56
		For 3" WG (Class B), Add	*3.89*	
		For 4" Or 6" WG (Class A), Add	*8.29*	
		For 10" WG (Class A), Add	*11.92*	
		For Work In Restricted Working Space, Add	*7.78*	
23 31 13 13-0148	LF	8" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	33.67	17.50
		For 3" WG (Class B), Add	*4.37*	
		For 4" Or 6" WG (Class A), Add	*9.33*	
		For 10" WG (Class A), Add	*13.41*	
		For Work In Restricted Working Space, Add	*8.75*	
23 31 13 13-0149	LF	8" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.42	19.44
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.37*	
		For 10" WG (Class A), Add	*14.91*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0150	LF	8" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.16	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.40*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0151	LF	8" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	44.91	23.33
		For 3" WG (Class B), Add	*5.84*	
		For 4" Or 6" WG (Class A), Add	*12.45*	
		For 10" WG (Class A), Add	*17.89*	
		For Work In Restricted Working Space, Add	*11.67*	
23 31 13 13-0152	LF	8" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	48.65	25.28
		For 3" WG (Class B), Add	*6.32*	
		For 4" Or 6" WG (Class A), Add	*13.48*	
		For 10" WG (Class A), Add	*19.38*	
		For Work In Restricted Working Space, Add	*12.64*	
23 31 13 13-0153	LF	8" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	52.37	27.22
		For 3" WG (Class B), Add	*6.81*	
		For 4" Or 6" WG (Class A), Add	*14.52*	
		For 10" WG (Class A), Add	*20.87*	
		For Work In Restricted Working Space, Add	*13.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0154	LF	8" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	56.13	29.16
		For 3" WG (Class B), Add	*7.29*	
		For 4" Or 6" WG (Class A), Add	*15.56*	
		For 10" WG (Class A), Add	*22.36*	
		For Work In Restricted Working Space, Add	*14.58*	
23 31 13 13-0155	LF	8" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	59.86	31.11
		For 3" WG (Class B), Add	*7.78*	
		For 4" Or 6" WG (Class A), Add	*16.59*	
		For 10" WG (Class A), Add	*23.85*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 13-0156	LF	10" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.42	19.44
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.37*	
		For 10" WG (Class A), Add	*14.91*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0157	LF	10" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.16	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.40*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0158	LF	10" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	44.91	23.33
		For 3" WG (Class B), Add	*5.84*	
		For 4" Or 6" WG (Class A), Add	*12.45*	
		For 10" WG (Class A), Add	*17.89*	
		For Work In Restricted Working Space, Add	*11.67*	
23 31 13 13-0159	LF	10" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	48.65	25.28
		For 3" WG (Class B), Add	*6.32*	
		For 4" Or 6" WG (Class A), Add	*13.48*	
		For 10" WG (Class A), Add	*19.38*	
		For Work In Restricted Working Space, Add	*12.64*	
23 31 13 13-0160	LF	10" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	52.37	27.22
		For 3" WG (Class B), Add	*6.81*	
		For 4" Or 6" WG (Class A), Add	*14.52*	
		For 10" WG (Class A), Add	*20.87*	
		For Work In Restricted Working Space, Add	*13.61*	
23 31 13 13-0161	LF	10" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	56.13	29.16
		For 3" WG (Class B), Add	*7.29*	
		For 4" Or 6" WG (Class A), Add	*15.56*	
		For 10" WG (Class A), Add	*22.36*	
		For Work In Restricted Working Space, Add	*14.58*	
23 31 13 13-0162	LF	10" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	59.86	31.11
		For 3" WG (Class B), Add	*7.78*	
		For 4" Or 6" WG (Class A), Add	*16.59*	
		For 10" WG (Class A), Add	*23.85*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 13-0163	LF	10" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	63.61	33.06
		For 3" WG (Class B), Add	*8.27*	
		For 4" Or 6" WG (Class A), Add	*17.63*	
		For 10" WG (Class A), Add	*25.35*	
		For Work In Restricted Working Space, Add	*16.53*	
23 31 13 13-0164	LF	12" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	44.91	23.33
		For 3" WG (Class B), Add	*5.84*	
		For 4" Or 6" WG (Class A), Add	*12.45*	
		For 10" WG (Class A), Add	*17.89*	
		For Work In Restricted Working Space, Add	*11.67*	
23 31 13 13-0165	LF	12" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	48.65	25.28
		For 3" WG (Class B), Add	*6.32*	
		For 4" Or 6" WG (Class A), Add	*13.48*	
		For 10" WG (Class A), Add	*19.38*	
		For Work In Restricted Working Space, Add	*12.64*	
23 31 13 13-0166	LF	12" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	52.37	27.22
		For 3" WG (Class B), Add	*6.81*	
		For 4" Or 6" WG (Class A), Add	*14.52*	
		For 10" WG (Class A), Add	*20.87*	
		For Work In Restricted Working Space, Add	*13.61*	
23 31 13 13-0167	LF	12" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	56.13	29.16
		For 3" WG (Class B), Add	*7.29*	
		For 4" Or 6" WG (Class A), Add	*15.56*	
		For 10" WG (Class A), Add	*22.36*	
		For Work In Restricted Working Space, Add	*14.58*	
23 31 13 13-0168	LF	12" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	59.86	31.11
		For 3" WG (Class B), Add	*7.78*	
		For 4" Or 6" WG (Class A), Add	*16.59*	
		For 10" WG (Class A), Add	*23.85*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 13-0169	LF	12" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	63.61	33.06
		For 3" WG (Class B), Add	*8.27*	
		For 4" Or 6" WG (Class A), Add	*17.63*	
		For 10" WG (Class A), Add	*25.35*	
		For Work In Restricted Working Space, Add	*16.53*	
23 31 13 13-0170	LF	12" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	67.35	35.01
		For 3" WG (Class B), Add	*8.75*	
		For 4" Or 6" WG (Class A), Add	*18.67*	
		For 10" WG (Class A), Add	*26.84*	
		For Work In Restricted Working Space, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0171	LF	14" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	52.37	27.22
		For 3" WG (Class B), Add	*6.81*	
		For 4" Or 6" WG (Class A), Add	*14.52*	
		For 10" WG (Class A), Add	*20.87*	
		For Work In Restricted Working Space, Add	*13.61*	
23 31 13 13-0172	LF	14" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	56.13	29.16
		For 3" WG (Class B), Add	*7.29*	
		For 4" Or 6" WG (Class A), Add	*15.56*	
		For 10" WG (Class A), Add	*22.36*	
		For Work In Restricted Working Space, Add	*14.58*	
23 31 13 13-0173	LF	14" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	59.86	31.11
		For 3" WG (Class B), Add	*7.78*	
		For 4" Or 6" WG (Class A), Add	*16.59*	
		For 10" WG (Class A), Add	*23.85*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 13-0174	LF	14" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	63.61	33.06
		For 3" WG (Class B), Add	*8.27*	
		For 4" Or 6" WG (Class A), Add	*17.63*	
		For 10" WG (Class A), Add	*25.35*	
		For Work In Restricted Working Space, Add	*16.53*	
23 31 13 13-0175	LF	14" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	67.35	35.01
		For 3" WG (Class B), Add	*8.75*	
		For 4" Or 6" WG (Class A), Add	*18.67*	
		For 10" WG (Class A), Add	*26.84*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0176	LF	14" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	71.10	36.95
		For 3" WG (Class B), Add	*9.24*	
		For 4" Or 6" WG (Class A), Add	*19.71*	
		For 10" WG (Class A), Add	*28.33*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0177	LF	16" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	59.86	31.11
		For 3" WG (Class B), Add	*7.78*	
		For 4" Or 6" WG (Class A), Add	*16.59*	
		For 10" WG (Class A), Add	*23.85*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 13-0178	LF	16" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	63.61	33.06
		For 3" WG (Class B), Add	*8.27*	
		For 4" Or 6" WG (Class A), Add	*17.63*	
		For 10" WG (Class A), Add	*25.35*	
		For Work In Restricted Working Space, Add	*16.53*	
23 31 13 13-0179	LF	16" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	67.35	35.01
		For 3" WG (Class B), Add	*8.75*	
		For 4" Or 6" WG (Class A), Add	*18.67*	
		For 10" WG (Class A), Add	*26.84*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0180	LF	16" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	71.10	36.95
		For 3" WG (Class B), Add	*9.24*	
		For 4" Or 6" WG (Class A), Add	*19.71*	
		For 10" WG (Class A), Add	*28.33*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0181	LF	16" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	74.84	38.90
		For 3" WG (Class B), Add	*9.72*	
		For 4" Or 6" WG (Class A), Add	*20.74*	
		For 10" WG (Class A), Add	*29.82*	
		For Work In Restricted Working Space, Add	*19.45*	
23 31 13 13-0182	LF	18" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	67.35	35.01
		For 3" WG (Class B), Add	*8.75*	
		For 4" Or 6" WG (Class A), Add	*18.67*	
		For 10" WG (Class A), Add	*26.84*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0183	LF	18" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	71.10	36.95
		For 3" WG (Class B), Add	*9.24*	
		For 4" Or 6" WG (Class A), Add	*19.71*	
		For 10" WG (Class A), Add	*28.33*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0184	LF	18" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	74.84	38.90
		For 3" WG (Class B), Add	*9.72*	
		For 4" Or 6" WG (Class A), Add	*20.74*	
		For 10" WG (Class A), Add	*29.82*	
		For Work In Restricted Working Space, Add	*19.45*	
23 31 13 13-0185	LF	18" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	78.57	40.83
		For 3" WG (Class B), Add	*10.21*	
		For 4" Or 6" WG (Class A), Add	*21.78*	
		For 10" WG (Class A), Add	*31.31*	
		For Work In Restricted Working Space, Add	*20.42*	
23 31 13 13-0186	LF	20" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	74.84	38.90
		For 3" WG (Class B), Add	*9.72*	
		For 4" Or 6" WG (Class A), Add	*20.74*	
		For 10" WG (Class A), Add	*29.82*	
		For Work In Restricted Working Space, Add	*19.45*	
23 31 13 13-0187	LF	20" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	78.57	40.83
		For 3" WG (Class B), Add	*10.21*	
		For 4" Or 6" WG (Class A), Add	*21.78*	
		For 10" WG (Class A), Add	*31.31*	
		For Work In Restricted Working Space, Add	*20.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0188	LF	20" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	82.31	42.78
		For 3" WG (Class B), Add	*10.70*	
		For 4" Or 6" WG (Class A), Add	*22.82*	
		For 10" WG (Class A), Add	*32.80*	
		For Work In Restricted Working Space, Add	*21.39*	
23 31 13 13-0189	LF	22" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	82.31	42.78
		For 3" WG (Class B), Add	*10.70*	
		For 4" Or 6" WG (Class A), Add	*22.82*	
		For 10" WG (Class A), Add	*32.80*	
		For Work In Restricted Working Space, Add	*21.39*	
23 31 13 13-0190	LF	22" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	86.05	44.72
		For 3" WG (Class B), Add	*11.18*	
		For 4" Or 6" WG (Class A), Add	*23.85*	
		For 10" WG (Class A), Add	*34.28*	
		For Work In Restricted Working Space, Add	*22.36*	
23 31 13 13-0191	LF	24" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	89.80	46.67
		For 3" WG (Class B), Add	*11.67*	
		For 4" Or 6" WG (Class A), Add	*24.89*	
		For 10" WG (Class A), Add	*35.78*	
		For Work In Restricted Working Space, Add	*23.33*	
23 31 13 13-0192		**24 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0193	LF	4" x 4", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	22.68	12.07
		For 3" WG (Class B), Add	*3.02*	
		For 4" Or 6" WG (Class A), Add	*6.44*	
		For 10" WG (Class A), Add	*9.26*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0194	LF	4" x 6", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	28.34	15.08
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.05*	
		For 10" WG (Class A), Add	*11.57*	
		For Work In Restricted Working Space, Add	*7.55*	
23 31 13 13-0195	LF	4" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	34.00	18.10
		For 3" WG (Class B), Add	*4.53*	
		For 4" Or 6" WG (Class A), Add	*9.65*	
		For 10" WG (Class A), Add	*13.88*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0196	LF	4" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.67	21.13
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0197	LF	4" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	45.35	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0198	LF	4" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	51.02	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0199	LF	4" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	56.69	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0200	LF	6" x 6", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	34.00	18.10
		For 3" WG (Class B), Add	*4.53*	
		For 4" Or 6" WG (Class A), Add	*9.65*	
		For 10" WG (Class A), Add	*13.88*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0201	LF	6" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.67	21.13
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0202	LF	6" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	45.35	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0203	LF	6" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	51.02	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0204	LF	6" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	56.69	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0205	LF	6" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	62.36	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0206	LF	8" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	45.35	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0207	LF	8" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	51.02	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0208	LF	8" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	56.69	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0209	LF	8" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	62.36	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0210	LF	8" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.02	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	
23 31 13 13-0211	LF	8" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	73.68	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0212	LF	8" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	79.35	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0213	LF	8" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	85.02	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0214	LF	8" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	90.69	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0215	LF	10" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	56.69	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0216	LF	10" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	62.36	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0217	LF	10" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.02	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	
23 31 13 13-0218	LF	10" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	73.68	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0219	LF	10" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	79.35	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0220	LF	10" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	85.02	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0221	LF	10" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	90.69	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0222	LF	10" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	96.36	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0223	LF	10" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	102.03	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0224	LF	10" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	107.70	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0225	LF	10" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0226	LF	12" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.02	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	
23 31 13 13-0227	LF	12" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	73.68	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0228	LF	12" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	79.35	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0229	LF	12" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	85.02	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0230	LF	12" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	90.69	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0231	LF	12" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	96.36	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0232	LF	12" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	102.03	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0233	LF	12" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	107.70	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0234	LF	12" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0235	LF	12" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	119.02	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0236	LF	14" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	79.35	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0237	LF	14" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	85.02	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0238	LF	14" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	90.69	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0239	LF	14" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	96.36	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0240	LF	14" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	102.03	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0241	LF	14" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	107.70	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0242	LF	14" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0243	LF	14" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	119.02	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0244	LF	14" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	124.69	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0245	LF	16" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	90.69	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0246	LF	16" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	96.36	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0247	LF	16" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	102.03	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0248	LF	16" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	107.70	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0249	LF	16" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0250	LF	16" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	119.02	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0251	LF	16" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	124.69	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0252	LF	16" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	130.36	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0253	LF	18" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	102.03	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0254	LF	18" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	107.70	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0255	LF	18" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0256	LF	18" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	119.02	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0257	LF	18" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	124.69	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0258	LF	18" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	130.36	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0259	LF	18" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	136.03	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0260	LF	20" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	113.36	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0261	LF	20" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	119.02	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0262	LF	20" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	124.69	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0263	LF	20" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	130.36	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0264	LF	20" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	136.03	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0265	LF	20" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	141.71	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0266	LF	22" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	124.69	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0267	LF	22" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	130.36	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0268	LF	22" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	136.03	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0269	LF	22" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	141.71	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0270	LF	22" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	147.38	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0271	LF	24" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	136.03	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0272	LF	24" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	141.71	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0273	LF	24" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	147.38	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0274	LF	24" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	153.05	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0275	LF	26" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	147.38	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0276	LF	26" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	153.05	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0277	LF	26" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	158.71	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0278	LF	28" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	158.71	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0279	LF	28" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	164.37	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0280	LF	30" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	170.05	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0281		**22 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0282	LF	4" x 4", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	23.23	12.07
		For 3" WG (Class B), Add	*3.02*	
		For 4" Or 6" WG (Class A), Add	*6.44*	
		For 10" WG (Class A), Add	*9.26*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0283	LF	4" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	29.03	15.08
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.05*	
		For 10" WG (Class A), Add	*11.57*	
		For Work In Restricted Working Space, Add	*7.55*	
23 31 13 13-0284	LF	4" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	34.83	18.10
		For 3" WG (Class B), Add	*4.53*	
		For 4" Or 6" WG (Class A), Add	*9.65*	
		For 10" WG (Class A), Add	*13.88*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0285	LF	4" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.13
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0286	LF	4" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	46.46	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0287	LF	4" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	52.26	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0288	LF	4" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	58.07	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0289	LF	6" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	34.83	18.10
		For 3" WG (Class B), Add	*4.53*	
		For 4" Or 6" WG (Class A), Add	*9.65*	
		For 10" WG (Class A), Add	*13.88*	
		For Work In Restricted Working Space, Add	*9.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0290	LF	6" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	40.64	21.13
		For 3" WG (Class B), Add	*5.28*	
		For 4" Or 6" WG (Class A), Add	*11.26*	
		For 10" WG (Class A), Add	*16.19*	
		For Work In Restricted Working Space, Add	*10.56*	
23 31 13 13-0291	LF	6" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	46.46	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0292	LF	6" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	52.26	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0293	LF	6" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	58.07	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0294	LF	6" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.88	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0295	LF	8" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	46.46	24.15
		For 3" WG (Class B), Add	*6.04*	
		For 4" Or 6" WG (Class A), Add	*12.88*	
		For 10" WG (Class A), Add	*18.51*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0296	LF	8" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	52.26	27.16
		For 3" WG (Class B), Add	*6.79*	
		For 4" Or 6" WG (Class A), Add	*14.49*	
		For 10" WG (Class A), Add	*20.82*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0297	LF	8" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	58.07	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0298	LF	8" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.88	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0299	LF	8" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	69.68	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	
23 31 13 13-0300	LF	8" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.48	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0301	LF	8" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.29	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0302	LF	8" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.09	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0303	LF	8" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.90	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0304	LF	10" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	58.07	30.17
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*16.10*	
		For 10" WG (Class A), Add	*23.14*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 13-0305	LF	10" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.88	33.20
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*17.71*	
		For 10" WG (Class A), Add	*25.45*	
		For Work In Restricted Working Space, Add	*16.60*	
23 31 13 13-0306	LF	10" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	69.68	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0307	LF	10" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.48	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0308	LF	10" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.29	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0309	LF	10" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.09	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0310	LF	10" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.90	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0311	LF	10" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.71	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0312	LF	10" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	104.51	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0313	LF	10" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	110.32	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0314	LF	10" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0315	LF	10" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0316	LF	12" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	69.68	36.21
		For 3" WG (Class B), Add	*9.05*	
		For 4" Or 6" WG (Class A), Add	*19.32*	
		For 10" WG (Class A), Add	*27.77*	
		For Work In Restricted Working Space, Add	*18.11*	
23 31 13 13-0317	LF	12" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	75.48	39.23
		For 3" WG (Class B), Add	*9.81*	
		For 4" Or 6" WG (Class A), Add	*20.92*	
		For 10" WG (Class A), Add	*30.07*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0318	LF	12" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.29	42.25
		For 3" WG (Class B), Add	*10.56*	
		For 4" Or 6" WG (Class A), Add	*22.53*	
		For 10" WG (Class A), Add	*32.39*	
		For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0319	LF	12" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.09	45.27
		For 3" WG (Class B), Add	*11.32*	
		For 4" Or 6" WG (Class A), Add	*24.14*	
		For 10" WG (Class A), Add	*34.70*	
		For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0320	LF	12" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.90	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0321	LF	12" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.71	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0322	LF	12" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	104.51	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0323	LF	12" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	110.32	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0324		LF	12" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
			For 3" WG (Class B), Add	*15.09*	
			For 4" Or 6" WG (Class A), Add	*32.19*	
			For 10" WG (Class A), Add	*46.27*	
			For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0325		LF	12" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
			For 3" WG (Class B), Add	*15.84*	
			For 4" Or 6" WG (Class A), Add	*33.80*	
			For 10" WG (Class A), Add	*48.58*	
			For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0326		LF	12" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
			For 3" WG (Class B), Add	*16.60*	
			For 4" Or 6" WG (Class A), Add	*35.40*	
			For 10" WG (Class A), Add	*50.89*	
			For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0327		LF	12" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
			For 3" WG (Class B), Add	*17.35*	
			For 4" Or 6" WG (Class A), Add	*37.01*	
			For 10" WG (Class A), Add	*53.21*	
			For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0328		LF	12" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
			For 3" WG (Class B), Add	*18.11*	
			For 4" Or 6" WG (Class A), Add	*38.62*	
			For 10" WG (Class A), Add	*55.52*	
			For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0329		LF	14" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	81.29	42.25
			For 3" WG (Class B), Add	*10.56*	
			For 4" Or 6" WG (Class A), Add	*22.53*	
			For 10" WG (Class A), Add	*32.39*	
			For Work In Restricted Working Space, Add	*21.12*	
23 31 13 13-0330		LF	14" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	87.09	45.27
			For 3" WG (Class B), Add	*11.32*	
			For 4" Or 6" WG (Class A), Add	*24.14*	
			For 10" WG (Class A), Add	*34.70*	
			For Work In Restricted Working Space, Add	*22.63*	
23 31 13 13-0331		LF	14" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.90	48.28
			For 3" WG (Class B), Add	*12.07*	
			For 4" Or 6" WG (Class A), Add	*25.75*	
			For 10" WG (Class A), Add	*37.02*	
			For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0332		LF	14" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.71	51.30
			For 3" WG (Class B), Add	*12.83*	
			For 4" Or 6" WG (Class A), Add	*27.36*	
			For 10" WG (Class A), Add	*39.33*	
			For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0333		LF	14" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	104.51	54.31
			For 3" WG (Class B), Add	*13.58*	
			For 4" Or 6" WG (Class A), Add	*28.97*	
			For 10" WG (Class A), Add	*41.64*	
			For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0334		LF	14" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	110.32	57.34
			For 3" WG (Class B), Add	*14.33*	
			For 4" Or 6" WG (Class A), Add	*30.58*	
			For 10" WG (Class A), Add	*43.96*	
			For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0335		LF	14" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
			For 3" WG (Class B), Add	*15.09*	
			For 4" Or 6" WG (Class A), Add	*32.19*	
			For 10" WG (Class A), Add	*46.27*	
			For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0336		LF	14" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
			For 3" WG (Class B), Add	*15.84*	
			For 4" Or 6" WG (Class A), Add	*33.80*	
			For 10" WG (Class A), Add	*48.58*	
			For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0337		LF	14" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
			For 3" WG (Class B), Add	*16.60*	
			For 4" Or 6" WG (Class A), Add	*35.40*	
			For 10" WG (Class A), Add	*50.89*	
			For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0338		LF	14" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
			For 3" WG (Class B), Add	*17.35*	
			For 4" Or 6" WG (Class A), Add	*37.01*	
			For 10" WG (Class A), Add	*53.21*	
			For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0339		LF	14" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
			For 3" WG (Class B), Add	*18.11*	
			For 4" Or 6" WG (Class A), Add	*38.62*	
			For 10" WG (Class A), Add	*55.52*	
			For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0340		LF	14" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
			For 3" WG (Class B), Add	*18.86*	
			For 4" Or 6" WG (Class A), Add	*40.24*	
			For 10" WG (Class A), Add	*57.84*	
			For Work In Restricted Working Space, Add	*37.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0341	LF	16" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.90	48.28
		For 3" WG (Class B), Add	*12.07*	
		For 4" Or 6" WG (Class A), Add	*25.75*	
		For 10" WG (Class A), Add	*37.02*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 13-0342	LF	16" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	98.71	51.30
		For 3" WG (Class B), Add	*12.83*	
		For 4" Or 6" WG (Class A), Add	*27.36*	
		For 10" WG (Class A), Add	*39.33*	
		For Work In Restricted Working Space, Add	*25.65*	
23 31 13 13-0343	LF	16" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	104.51	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0344	LF	16" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	110.32	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0345	LF	16" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0346	LF	16" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0347	LF	16" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0348	LF	16" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0349	LF	16" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0350	LF	16" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0351	LF	16" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0352	LF	16" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0353	LF	16" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0354	LF	16" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0355	LF	16" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0356	LF	18" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	104.51	54.31
		For 3" WG (Class B), Add	*13.58*	
		For 4" Or 6" WG (Class A), Add	*28.97*	
		For 10" WG (Class A), Add	*41.64*	
		For Work In Restricted Working Space, Add	*27.16*	
23 31 13 13-0357	LF	18" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	110.32	57.34
		For 3" WG (Class B), Add	*14.33*	
		For 4" Or 6" WG (Class A), Add	*30.58*	
		For 10" WG (Class A), Add	*43.96*	
		For Work In Restricted Working Space, Add	*28.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0358	LF	18" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0359	LF	18" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0360	LF	18" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0361	LF	18" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0362	LF	18" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0363	LF	18" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0364	LF	18" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0365	LF	18" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0366	LF	18" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0367	LF	18" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0368	LF	18" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0369	LF	18" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0370	LF	18" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0371	LF	20" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	116.12	60.36
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*32.19*	
		For 10" WG (Class A), Add	*46.27*	
		For Work In Restricted Working Space, Add	*30.17*	
23 31 13 13-0372	LF	20" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.92	63.38
		For 3" WG (Class B), Add	*15.84*	
		For 4" Or 6" WG (Class A), Add	*33.80*	
		For 10" WG (Class A), Add	*48.58*	
		For Work In Restricted Working Space, Add	*31.68*	
23 31 13 13-0373	LF	20" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0374	LF	20" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0375	LF	20" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0376	LF	20" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0377	LF	20" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0378	LF	20" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0379	LF	20" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0380	LF	20" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0381	LF	20" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0382	LF	20" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0383	LF	20" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0384	LF	20" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0385	LF	20" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0386	LF	22" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.73	66.38
		For 3" WG (Class B), Add	*16.60*	
		For 4" Or 6" WG (Class A), Add	*35.40*	
		For 10" WG (Class A), Add	*50.89*	
		For Work In Restricted Working Space, Add	*33.19*	
23 31 13 13-0387	LF	22" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	133.54	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.01*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0388	LF	22" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0389	LF	22" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0390	LF	22" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0391	LF	22" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0392	LF	22" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0393	LF	22" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0394	LF	22" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0395	LF	22" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0396	LF	22" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0397	LF	22" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0398	LF	22" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0399	LF	22" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0400	LF	24" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	139.35	72.43
		For 3" WG (Class B), Add	*18.11*	
		For 4" Or 6" WG (Class A), Add	*38.62*	
		For 10" WG (Class A), Add	*55.52*	
		For Work In Restricted Working Space, Add	*36.21*	
23 31 13 13-0401	LF	24" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	145.16	75.44
		For 3" WG (Class B), Add	*18.86*	
		For 4" Or 6" WG (Class A), Add	*40.24*	
		For 10" WG (Class A), Add	*57.84*	
		For Work In Restricted Working Space, Add	*37.72*	
23 31 13 13-0402	LF	24" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0403	LF	24" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0404	LF	24" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0405	LF	24" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0406	LF	24" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0407	LF	24" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0408	LF	24" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0409	LF	24" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0410	LF	24" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0411	LF	24" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0412	LF	24" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0413	LF	26" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.97	78.46
		For 3" WG (Class B), Add	*19.62*	
		For 4" Or 6" WG (Class A), Add	*41.85*	
		For 10" WG (Class A), Add	*60.15*	
		For Work In Restricted Working Space, Add	*39.23*	
23 31 13 13-0414	LF	26" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.78	81.48
		For 3" WG (Class B), Add	*20.37*	
		For 4" Or 6" WG (Class A), Add	*43.46*	
		For 10" WG (Class A), Add	*62.47*	
		For Work In Restricted Working Space, Add	*40.74*	
23 31 13 13-0415	LF	26" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	
23 31 13 13-0416	LF	26" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0417	LF	26" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0418	LF	26" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0419	LF	26" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0420	LF	26" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0421	LF	26" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0422	LF	26" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0423	LF	26" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0424	LF	26" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0425	LF	28" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	162.57	84.49
		For 3" WG (Class B), Add	*21.12*	
		For 4" Or 6" WG (Class A), Add	*45.06*	
		For 10" WG (Class A), Add	*64.78*	
		For Work In Restricted Working Space, Add	*42.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0426	LF	28" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	168.38	87.51
		For 3" WG (Class B), Add	*21.88*	
		For 4" Or 6" WG (Class A), Add	*46.67*	
		For 10" WG (Class A), Add	*67.09*	
		For Work In Restricted Working Space, Add	*43.76*	
23 31 13 13-0427	LF	28" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0428	LF	28" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0429	LF	28" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0430	LF	28" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0431	LF	28" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0432	LF	28" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0433	LF	28" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0434	LF	28" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0435	LF	28" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0436	LF	30" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	174.20	90.53
		For 3" WG (Class B), Add	*22.63*	
		For 4" Or 6" WG (Class A), Add	*48.28*	
		For 10" WG (Class A), Add	*69.41*	
		For Work In Restricted Working Space, Add	*45.27*	
23 31 13 13-0437	LF	30" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	179.99	93.54
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.89*	
		For 10" WG (Class A), Add	*71.72*	
		For Work In Restricted Working Space, Add	*46.77*	
23 31 13 13-0438	LF	30" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0439	LF	30" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0440	LF	30" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0441	LF	30" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0442	LF	30" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0443	LF	30" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0444	LF	30" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0445	LF	30" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	226.44	117.69
		For 3" WG (Class B), Add	*29.42*	
		For 4" Or 6" WG (Class A), Add	*62.76*	
		For 10" WG (Class A), Add	*90.22*	
		For Work In Restricted Working Space, Add	*58.84*	
23 31 13 13-0446	LF	32" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	185.80	96.57
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*51.50*	
		For 10" WG (Class A), Add	*74.03*	
		For Work In Restricted Working Space, Add	*48.28*	
23 31 13 13-0447	LF	32" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	191.61	99.59
		For 3" WG (Class B), Add	*24.90*	
		For 4" Or 6" WG (Class A), Add	*53.11*	
		For 10" WG (Class A), Add	*76.35*	
		For Work In Restricted Working Space, Add	*49.79*	
23 31 13 13-0448	LF	32" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0449	LF	32" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0450	LF	32" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0451	LF	32" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0452	LF	32" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0453	LF	32" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	226.44	117.69
		For 3" WG (Class B), Add	*29.42*	
		For 4" Or 6" WG (Class A), Add	*62.76*	
		For 10" WG (Class A), Add	*90.22*	
		For Work In Restricted Working Space, Add	*58.84*	
23 31 13 13-0454	LF	32" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	232.26	120.70
		For 3" WG (Class B), Add	*30.18*	
		For 4" Or 6" WG (Class A), Add	*64.38*	
		For 10" WG (Class A), Add	*92.54*	
		For Work In Restricted Working Space, Add	*60.35*	
23 31 13 13-0455	LF	34" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	197.41	102.60
		For 3" WG (Class B), Add	*25.65*	
		For 4" Or 6" WG (Class A), Add	*54.72*	
		For 10" WG (Class A), Add	*78.66*	
		For Work In Restricted Working Space, Add	*51.30*	
23 31 13 13-0456	LF	34" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	203.21	105.61
		For 3" WG (Class B), Add	*26.40*	
		For 4" Or 6" WG (Class A), Add	*56.33*	
		For 10" WG (Class A), Add	*80.97*	
		For Work In Restricted Working Space, Add	*52.81*	
23 31 13 13-0457	LF	34" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0458	LF	34" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0459	LF	34" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0460	LF	34" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	226.44	117.69
		For 3" WG (Class B), Add	*29.42*	
		For 4" Or 6" WG (Class A), Add	*62.76*	
		For 10" WG (Class A), Add	*90.22*	
		For Work In Restricted Working Space, Add	*58.84*	
23 31 13 13-0461	LF	34" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	232.26	120.70
		For 3" WG (Class B), Add	*30.18*	
		For 4" Or 6" WG (Class A), Add	*64.38*	
		For 10" WG (Class A), Add	*92.54*	
		For Work In Restricted Working Space, Add	*60.35*	
23 31 13 13-0462	LF	34" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	238.06	123.72
		For 3" WG (Class B), Add	*30.93*	
		For 4" Or 6" WG (Class A), Add	*65.99*	
		For 10" WG (Class A), Add	*94.86*	
		For Work In Restricted Working Space, Add	*61.86*	
23 31 13 13-0463	LF	36" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	209.02	108.64
		For 3" WG (Class B), Add	*27.16*	
		For 4" Or 6" WG (Class A), Add	*57.94*	
		For 10" WG (Class A), Add	*83.28*	
		For Work In Restricted Working Space, Add	*54.32*	
23 31 13 13-0464	LF	36" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	214.83	111.66
		For 3" WG (Class B), Add	*27.91*	
		For 4" Or 6" WG (Class A), Add	*59.55*	
		For 10" WG (Class A), Add	*85.60*	
		For Work In Restricted Working Space, Add	*55.83*	
23 31 13 13-0465	LF	36" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0466	LF	36" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	226.44	117.69
		For 3" WG (Class B), Add	*29.42*	
		For 4" Or 6" WG (Class A), Add	*62.76*	
		For 10" WG (Class A), Add	*90.22*	
		For Work In Restricted Working Space, Add	*58.84*	
23 31 13 13-0467	LF	36" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	232.26	120.70
		For 3" WG (Class B), Add	*30.18*	
		For 4" Or 6" WG (Class A), Add	*64.38*	
		For 10" WG (Class A), Add	*92.54*	
		For Work In Restricted Working Space, Add	*60.35*	
23 31 13 13-0468	LF	36" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	238.06	123.72
		For 3" WG (Class B), Add	*30.93*	
		For 4" Or 6" WG (Class A), Add	*65.99*	
		For 10" WG (Class A), Add	*94.86*	
		For Work In Restricted Working Space, Add	*61.86*	
23 31 13 13-0469	LF	36" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	243.86	126.74
		For 3" WG (Class B), Add	*31.68*	
		For 4" Or 6" WG (Class A), Add	*67.59*	
		For 10" WG (Class A), Add	*97.17*	
		For Work In Restricted Working Space, Add	*63.37*	
23 31 13 13-0470	LF	38" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	220.64	114.67
		For 3" WG (Class B), Add	*28.67*	
		For 4" Or 6" WG (Class A), Add	*61.16*	
		For 10" WG (Class A), Add	*87.92*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0471	LF	38" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	226.44	117.69
		For 3" WG (Class B), Add	*29.42*	
		For 4" Or 6" WG (Class A), Add	*62.76*	
		For 10" WG (Class A), Add	*90.22*	
		For Work In Restricted Working Space, Add	*58.84*	
23 31 13 13-0472	LF	38" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	232.26	120.70
		For 3" WG (Class B), Add	*30.18*	
		For 4" Or 6" WG (Class A), Add	*64.38*	
		For 10" WG (Class A), Add	*92.54*	
		For Work In Restricted Working Space, Add	*60.35*	
23 31 13 13-0473	LF	38" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	238.06	123.72
		For 3" WG (Class B), Add	*30.93*	
		For 4" Or 6" WG (Class A), Add	*65.99*	
		For 10" WG (Class A), Add	*94.86*	
		For Work In Restricted Working Space, Add	*61.86*	
23 31 13 13-0474	LF	38" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	243.86	126.74
		For 3" WG (Class B), Add	*31.68*	
		For 4" Or 6" WG (Class A), Add	*67.59*	
		For 10" WG (Class A), Add	*97.17*	
		For Work In Restricted Working Space, Add	*63.37*	
23 31 13 13-0475	LF	38" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	249.68	129.76
		For 3" WG (Class B), Add	*32.44*	
		For 4" Or 6" WG (Class A), Add	*69.21*	
		For 10" WG (Class A), Add	*99.48*	
		For Work In Restricted Working Space, Add	*64.88*	
23 31 13 13-0476	LF	38" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	255.48	132.78
		For 3" WG (Class B), Add	*33.20*	
		For 4" Or 6" WG (Class A), Add	*70.82*	
		For 10" WG (Class A), Add	*101.80*	
		For Work In Restricted Working Space, Add	*66.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0477	LF	40" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	232.26	120.70
		For 3" WG (Class B), Add	*30.18*	
		For 4" Or 6" WG (Class A), Add	*64.38*	
		For 10" WG (Class A), Add	*92.54*	
		For Work In Restricted Working Space, Add	*60.35*	
23 31 13 13-0478	LF	40" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	238.06	123.72
		For 3" WG (Class B), Add	*30.93*	
		For 4" Or 6" WG (Class A), Add	*65.99*	
		For 10" WG (Class A), Add	*94.86*	
		For Work In Restricted Working Space, Add	*61.86*	
23 31 13 13-0479	LF	40" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	243.86	126.74
		For 3" WG (Class B), Add	*31.68*	
		For 4" Or 6" WG (Class A), Add	*67.59*	
		For 10" WG (Class A), Add	*97.17*	
		For Work In Restricted Working Space, Add	*63.37*	
23 31 13 13-0480	LF	40" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	249.68	129.76
		For 3" WG (Class B), Add	*32.44*	
		For 4" Or 6" WG (Class A), Add	*69.21*	
		For 10" WG (Class A), Add	*99.48*	
		For Work In Restricted Working Space, Add	*64.88*	
23 31 13 13-0481	LF	40" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	255.48	132.78
		For 3" WG (Class B), Add	*33.20*	
		For 4" Or 6" WG (Class A), Add	*70.82*	
		For 10" WG (Class A), Add	*101.80*	
		For Work In Restricted Working Space, Add	*66.39*	
23 31 13 13-0482	LF	40" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	261.29	135.80
		For 3" WG (Class B), Add	*33.95*	
		For 4" Or 6" WG (Class A), Add	*72.43*	
		For 10" WG (Class A), Add	*104.11*	
		For Work In Restricted Working Space, Add	*67.90*	
23 31 13 13-0483	LF	40" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	267.09	138.81
		For 3" WG (Class B), Add	*34.70*	
		For 4" Or 6" WG (Class A), Add	*74.03*	
		For 10" WG (Class A), Add	*106.42*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0484	LF	40" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	272.89	141.82
		For 3" WG (Class B), Add	*35.46*	
		For 4" Or 6" WG (Class A), Add	*75.64*	
		For 10" WG (Class A), Add	*108.73*	
		For Work In Restricted Working Space, Add	*70.91*	
23 31 13 13-0485	LF	42" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	243.86	126.74
		For 3" WG (Class B), Add	*31.68*	
		For 4" Or 6" WG (Class A), Add	*67.59*	
		For 10" WG (Class A), Add	*97.17*	
		For Work In Restricted Working Space, Add	*63.37*	
23 31 13 13-0486	LF	42" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	249.68	129.76
		For 3" WG (Class B), Add	*32.44*	
		For 4" Or 6" WG (Class A), Add	*69.21*	
		For 10" WG (Class A), Add	*99.48*	
		For Work In Restricted Working Space, Add	*64.88*	
23 31 13 13-0487	LF	42" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	255.48	132.78
		For 3" WG (Class B), Add	*33.20*	
		For 4" Or 6" WG (Class A), Add	*70.82*	
		For 10" WG (Class A), Add	*101.80*	
		For Work In Restricted Working Space, Add	*66.39*	
23 31 13 13-0488	LF	42" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	261.29	135.80
		For 3" WG (Class B), Add	*33.95*	
		For 4" Or 6" WG (Class A), Add	*72.43*	
		For 10" WG (Class A), Add	*104.11*	
		For Work In Restricted Working Space, Add	*67.90*	
23 31 13 13-0489	LF	42" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	267.09	138.81
		For 3" WG (Class B), Add	*34.70*	
		For 4" Or 6" WG (Class A), Add	*74.03*	
		For 10" WG (Class A), Add	*106.42*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0490	LF	42" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	272.89	141.82
		For 3" WG (Class B), Add	*35.46*	
		For 4" Or 6" WG (Class A), Add	*75.64*	
		For 10" WG (Class A), Add	*108.73*	
		For Work In Restricted Working Space, Add	*70.91*	
23 31 13 13-0491	LF	42" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	278.70	144.84
		For 3" WG (Class B), Add	*36.21*	
		For 4" Or 6" WG (Class A), Add	*77.25*	
		For 10" WG (Class A), Add	*111.05*	
		For Work In Restricted Working Space, Add	*72.42*	
23 31 13 13-0492	LF	44" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	255.48	132.78
		For 3" WG (Class B), Add	*33.20*	
		For 4" Or 6" WG (Class A), Add	*70.82*	
		For 10" WG (Class A), Add	*101.80*	
		For Work In Restricted Working Space, Add	*66.39*	
23 31 13 13-0493	LF	44" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	261.29	135.80
		For 3" WG (Class B), Add	*33.95*	
		For 4" Or 6" WG (Class A), Add	*72.43*	
		For 10" WG (Class A), Add	*104.11*	
		For Work In Restricted Working Space, Add	*67.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0494	LF	44" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	267.09	138.81
		For 3" WG (Class B), Add	*34.70*	
		For 4" Or 6" WG (Class A), Add	*74.03*	
		For 10" WG (Class A), Add	*106.42*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0495	LF	44" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	272.89	141.82
		For 3" WG (Class B), Add	*35.46*	
		For 4" Or 6" WG (Class A), Add	*75.64*	
		For 10" WG (Class A), Add	*108.73*	
		For Work In Restricted Working Space, Add	*70.91*	
23 31 13 13-0496	LF	44" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	278.70	144.84
		For 3" WG (Class B), Add	*36.21*	
		For 4" Or 6" WG (Class A), Add	*77.25*	
		For 10" WG (Class A), Add	*111.05*	
		For Work In Restricted Working Space, Add	*72.42*	
23 31 13 13-0497	LF	44" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	284.50	147.87
		For 3" WG (Class B), Add	*36.96*	
		For 4" Or 6" WG (Class A), Add	*78.86*	
		For 10" WG (Class A), Add	*113.36*	
		For Work In Restricted Working Space, Add	*73.93*	
23 31 13 13-0498	LF	46" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	267.09	138.81
		For 3" WG (Class B), Add	*34.70*	
		For 4" Or 6" WG (Class A), Add	*74.03*	
		For 10" WG (Class A), Add	*106.42*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0499	LF	46" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	272.89	141.82
		For 3" WG (Class B), Add	*35.46*	
		For 4" Or 6" WG (Class A), Add	*75.64*	
		For 10" WG (Class A), Add	*108.73*	
		For Work In Restricted Working Space, Add	*70.91*	
23 31 13 13-0500	LF	46" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	278.70	144.84
		For 3" WG (Class B), Add	*36.21*	
		For 4" Or 6" WG (Class A), Add	*77.25*	
		For 10" WG (Class A), Add	*111.05*	
		For Work In Restricted Working Space, Add	*72.42*	
23 31 13 13-0501	LF	46" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	284.50	147.87
		For 3" WG (Class B), Add	*36.96*	
		For 4" Or 6" WG (Class A), Add	*78.86*	
		For 10" WG (Class A), Add	*113.36*	
		For Work In Restricted Working Space, Add	*73.93*	
23 31 13 13-0502	LF	46" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	290.31	150.89
		For 3" WG (Class B), Add	*37.72*	
		For 4" Or 6" WG (Class A), Add	*80.47*	
		For 10" WG (Class A), Add	*115.68*	
		For Work In Restricted Working Space, Add	*75.44*	
23 31 13 13-0503	LF	48" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	278.70	144.84
		For 3" WG (Class B), Add	*36.21*	
		For 4" Or 6" WG (Class A), Add	*77.25*	
		For 10" WG (Class A), Add	*111.05*	
		For Work In Restricted Working Space, Add	*72.42*	
23 31 13 13-0504	LF	48" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	284.50	147.87
		For 3" WG (Class B), Add	*36.96*	
		For 4" Or 6" WG (Class A), Add	*78.86*	
		For 10" WG (Class A), Add	*113.36*	
		For Work In Restricted Working Space, Add	*73.93*	
23 31 13 13-0505	LF	48" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	290.31	150.89
		For 3" WG (Class B), Add	*37.72*	
		For 4" Or 6" WG (Class A), Add	*80.47*	
		For 10" WG (Class A), Add	*115.68*	
		For Work In Restricted Working Space, Add	*75.44*	
23 31 13 13-0506	LF	48" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	296.12	153.90
		For 3" WG (Class B), Add	*38.48*	
		For 4" Or 6" WG (Class A), Add	*82.08*	
		For 10" WG (Class A), Add	*117.99*	
		For Work In Restricted Working Space, Add	*76.95*	
23 31 13 13-0507	LF	50" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	290.31	150.89
		For 3" WG (Class B), Add	*37.72*	
		For 4" Or 6" WG (Class A), Add	*80.47*	
		For 10" WG (Class A), Add	*115.68*	
		For Work In Restricted Working Space, Add	*75.44*	
23 31 13 13-0508	LF	50" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	296.12	153.90
		For 3" WG (Class B), Add	*38.48*	
		For 4" Or 6" WG (Class A), Add	*82.08*	
		For 10" WG (Class A), Add	*117.99*	
		For Work In Restricted Working Space, Add	*76.95*	
23 31 13 13-0509	LF	50" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	301.93	156.91
		For 3" WG (Class B), Add	*39.23*	
		For 4" Or 6" WG (Class A), Add	*83.69*	
		For 10" WG (Class A), Add	*120.30*	
		For Work In Restricted Working Space, Add	*78.46*	
23 31 13 13-0510	LF	52" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	301.93	156.91
		For 3" WG (Class B), Add	*39.23*	
		For 4" Or 6" WG (Class A), Add	*83.69*	
		For 10" WG (Class A), Add	*120.30*	
		For Work In Restricted Working Space, Add	*78.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0511	LF	52" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	307.73	159.94
		For 3" WG (Class B), Add	*39.98*	
		For 4" Or 6" WG (Class A), Add	*85.30*	
		For 10" WG (Class A), Add	*122.61*	
		For Work In Restricted Working Space, Add	*79.97*	
23 31 13 13-0512	LF	54" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	313.53	162.95
		For 3" WG (Class B), Add	*40.74*	
		For 4" Or 6" WG (Class A), Add	*86.91*	
		For 10" WG (Class A), Add	*124.93*	
		For Work In Restricted Working Space, Add	*81.47*	
23 31 13 13-0513		**20 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0514	LF	4" x 4", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	27.35	14.21
		For 3" WG (Class B), Add	*3.56*	
		For 4" Or 6" WG (Class A), Add	*7.58*	
		For 10" WG (Class A), Add	*10.90*	
		For Work In Restricted Working Space, Add	*7.11*	
23 31 13 13-0515	LF	4" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	34.19	17.77
		For 3" WG (Class B), Add	*4.44*	
		For 4" Or 6" WG (Class A), Add	*9.48*	
		For 10" WG (Class A), Add	*13.63*	
		For Work In Restricted Working Space, Add	*8.89*	
23 31 13 13-0516	LF	4" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	41.04	21.33
		For 3" WG (Class B), Add	*5.33*	
		For 4" Or 6" WG (Class A), Add	*11.37*	
		For 10" WG (Class A), Add	*16.35*	
		For Work In Restricted Working Space, Add	*10.66*	
23 31 13 13-0517	LF	4" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	47.87	24.87
		For 3" WG (Class B), Add	*6.22*	
		For 4" Or 6" WG (Class A), Add	*13.27*	
		For 10" WG (Class A), Add	*19.08*	
		For Work In Restricted Working Space, Add	*12.44*	
23 31 13 13-0518	LF	4" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	54.71	28.44
		For 3" WG (Class B), Add	*7.11*	
		For 4" Or 6" WG (Class A), Add	*15.16*	
		For 10" WG (Class A), Add	*21.80*	
		For Work In Restricted Working Space, Add	*14.22*	
23 31 13 13-0519	LF	4" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	61.55	31.98
		For 3" WG (Class B), Add	*8.00*	
		For 4" Or 6" WG (Class A), Add	*17.06*	
		For 10" WG (Class A), Add	*24.52*	
		For Work In Restricted Working Space, Add	*15.99*	
23 31 13 13-0520	LF	4" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	68.39	35.54
		For 3" WG (Class B), Add	*8.89*	
		For 4" Or 6" WG (Class A), Add	*18.96*	
		For 10" WG (Class A), Add	*27.25*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0521	LF	6" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	41.04	21.33
		For 3" WG (Class B), Add	*5.33*	
		For 4" Or 6" WG (Class A), Add	*11.37*	
		For 10" WG (Class A), Add	*16.35*	
		For Work In Restricted Working Space, Add	*10.66*	
23 31 13 13-0522	LF	6" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	47.87	24.87
		For 3" WG (Class B), Add	*6.22*	
		For 4" Or 6" WG (Class A), Add	*13.27*	
		For 10" WG (Class A), Add	*19.08*	
		For Work In Restricted Working Space, Add	*12.44*	
23 31 13 13-0523	LF	6" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	54.71	28.44
		For 3" WG (Class B), Add	*7.11*	
		For 4" Or 6" WG (Class A), Add	*15.16*	
		For 10" WG (Class A), Add	*21.80*	
		For Work In Restricted Working Space, Add	*14.22*	
23 31 13 13-0524	LF	6" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	61.55	31.98
		For 3" WG (Class B), Add	*8.00*	
		For 4" Or 6" WG (Class A), Add	*17.06*	
		For 10" WG (Class A), Add	*24.52*	
		For Work In Restricted Working Space, Add	*15.99*	
23 31 13 13-0525	LF	6" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	68.39	35.54
		For 3" WG (Class B), Add	*8.89*	
		For 4" Or 6" WG (Class A), Add	*18.96*	
		For 10" WG (Class A), Add	*27.25*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0526	LF	6" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.23	39.10
		For 3" WG (Class B), Add	*9.77*	
		For 4" Or 6" WG (Class A), Add	*20.85*	
		For 10" WG (Class A), Add	*29.97*	
		For Work In Restricted Working Space, Add	*19.55*	
23 31 13 13-0527	LF	8" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	54.71	28.44
		For 3" WG (Class B), Add	*7.11*	
		For 4" Or 6" WG (Class A), Add	*15.16*	
		For 10" WG (Class A), Add	*21.80*	
		For Work In Restricted Working Space, Add	*14.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0528	LF	8" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	61.55	31.98
		For 3" WG (Class B), Add	*8.00*	
		For 4" Or 6" WG (Class A), Add	*17.06*	
		For 10" WG (Class A), Add	*24.52*	
		For Work In Restricted Working Space, Add	*15.99*	
23 31 13 13-0529	LF	8" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	68.39	35.54
		For 3" WG (Class B), Add	*8.89*	
		For 4" Or 6" WG (Class A), Add	*18.96*	
		For 10" WG (Class A), Add	*27.25*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0530	LF	8" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.23	39.10
		For 3" WG (Class B), Add	*9.77*	
		For 4" Or 6" WG (Class A), Add	*20.85*	
		For 10" WG (Class A), Add	*29.97*	
		For Work In Restricted Working Space, Add	*19.55*	
23 31 13 13-0531	LF	8" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.06	42.65
		For 3" WG (Class B), Add	*10.66*	
		For 4" Or 6" WG (Class A), Add	*22.75*	
		For 10" WG (Class A), Add	*32.70*	
		For Work In Restricted Working Space, Add	*21.33*	
23 31 13 13-0532	LF	8" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	88.89	46.20
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.64*	
		For 10" WG (Class A), Add	*35.42*	
		For Work In Restricted Working Space, Add	*23.10*	
23 31 13 13-0533	LF	8" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	95.75	49.76
		For 3" WG (Class B), Add	*12.44*	
		For 4" Or 6" WG (Class A), Add	*26.54*	
		For 10" WG (Class A), Add	*38.15*	
		For Work In Restricted Working Space, Add	*24.88*	
23 31 13 13-0534	LF	8" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	102.57	53.31
		For 3" WG (Class B), Add	*13.33*	
		For 4" Or 6" WG (Class A), Add	*28.43*	
		For 10" WG (Class A), Add	*40.87*	
		For Work In Restricted Working Space, Add	*26.66*	
23 31 13 13-0535	LF	8" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.41	56.86
		For 3" WG (Class B), Add	*14.22*	
		For 4" Or 6" WG (Class A), Add	*30.33*	
		For 10" WG (Class A), Add	*43.59*	
		For Work In Restricted Working Space, Add	*28.43*	
23 31 13 13-0536	LF	10" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	68.39	35.54
		For 3" WG (Class B), Add	*8.89*	
		For 4" Or 6" WG (Class A), Add	*18.96*	
		For 10" WG (Class A), Add	*27.25*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0537	LF	10" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.23	39.10
		For 3" WG (Class B), Add	*9.77*	
		For 4" Or 6" WG (Class A), Add	*20.85*	
		For 10" WG (Class A), Add	*29.97*	
		For Work In Restricted Working Space, Add	*19.55*	
23 31 13 13-0538	LF	10" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.06	42.65
		For 3" WG (Class B), Add	*10.66*	
		For 4" Or 6" WG (Class A), Add	*22.75*	
		For 10" WG (Class A), Add	*32.70*	
		For Work In Restricted Working Space, Add	*21.33*	
23 31 13 13-0539	LF	10" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	88.89	46.20
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.64*	
		For 10" WG (Class A), Add	*35.42*	
		For Work In Restricted Working Space, Add	*23.10*	
23 31 13 13-0540	LF	10" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	95.75	49.76
		For 3" WG (Class B), Add	*12.44*	
		For 4" Or 6" WG (Class A), Add	*26.54*	
		For 10" WG (Class A), Add	*38.15*	
		For Work In Restricted Working Space, Add	*24.88*	
23 31 13 13-0541	LF	10" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	102.57	53.31
		For 3" WG (Class B), Add	*13.33*	
		For 4" Or 6" WG (Class A), Add	*28.43*	
		For 10" WG (Class A), Add	*40.87*	
		For Work In Restricted Working Space, Add	*26.66*	
23 31 13 13-0542	LF	10" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.41	56.86
		For 3" WG (Class B), Add	*14.22*	
		For 4" Or 6" WG (Class A), Add	*30.33*	
		For 10" WG (Class A), Add	*43.59*	
		For Work In Restricted Working Space, Add	*28.43*	
23 31 13 13-0543	LF	10" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.27	60.42
		For 3" WG (Class B), Add	*15.11*	
		For 4" Or 6" WG (Class A), Add	*32.23*	
		For 10" WG (Class A), Add	*46.33*	
		For Work In Restricted Working Space, Add	*30.21*	
23 31 13 13-0544	LF	10" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	123.10	63.98
		For 3" WG (Class B), Add	*15.99*	
		For 4" Or 6" WG (Class A), Add	*34.12*	
		For 10" WG (Class A), Add	*49.05*	
		For Work In Restricted Working Space, Add	*31.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0545	LF	10" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	129.94	67.52
		For 3" WG (Class B), Add	*16.88*	
		For 4" Or 6" WG (Class A), Add	*36.02*	
		For 10" WG (Class A), Add	*51.77*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-0546	LF	10" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0547	LF	10" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	
23 31 13 13-0548	LF	12" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.06	42.65
		For 3" WG (Class B), Add	*10.66*	
		For 4" Or 6" WG (Class A), Add	*22.75*	
		For 10" WG (Class A), Add	*32.70*	
		For Work In Restricted Working Space, Add	*21.33*	
23 31 13 13-0549	LF	12" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	88.89	46.20
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.64*	
		For 10" WG (Class A), Add	*35.42*	
		For Work In Restricted Working Space, Add	*23.10*	
23 31 13 13-0550	LF	12" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	95.75	49.76
		For 3" WG (Class B), Add	*12.44*	
		For 4" Or 6" WG (Class A), Add	*26.54*	
		For 10" WG (Class A), Add	*38.15*	
		For Work In Restricted Working Space, Add	*24.88*	
23 31 13 13-0551	LF	12" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	102.57	53.31
		For 3" WG (Class B), Add	*13.33*	
		For 4" Or 6" WG (Class A), Add	*28.43*	
		For 10" WG (Class A), Add	*40.87*	
		For Work In Restricted Working Space, Add	*26.66*	
23 31 13 13-0552	LF	12" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.41	56.86
		For 3" WG (Class B), Add	*14.22*	
		For 4" Or 6" WG (Class A), Add	*30.33*	
		For 10" WG (Class A), Add	*43.59*	
		For Work In Restricted Working Space, Add	*28.43*	
23 31 13 13-0553	LF	12" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.27	60.42
		For 3" WG (Class B), Add	*15.11*	
		For 4" Or 6" WG (Class A), Add	*32.23*	
		For 10" WG (Class A), Add	*46.33*	
		For Work In Restricted Working Space, Add	*30.21*	
23 31 13 13-0554	LF	12" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	123.10	63.98
		For 3" WG (Class B), Add	*15.99*	
		For 4" Or 6" WG (Class A), Add	*34.12*	
		For 10" WG (Class A), Add	*49.05*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0555	LF	12" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	129.94	67.52
		For 3" WG (Class B), Add	*16.88*	
		For 4" Or 6" WG (Class A), Add	*36.02*	
		For 10" WG (Class A), Add	*51.77*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-0556	LF	12" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0557	LF	12" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	
23 31 13 13-0558	LF	12" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0559	LF	12" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0560	LF	12" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0561	LF	14" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	95.75	49.76
		For 3" WG (Class B), Add	*12.44*	
		For 4" Or 6" WG (Class A), Add	*26.54*	
		For 10" WG (Class A), Add	*38.15*	
		For Work In Restricted Working Space, Add	*24.88*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0562	LF	14" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	102.57	53.31
		For 3" WG (Class B), Add	*13.33*	
		For 4" Or 6" WG (Class A), Add	*28.43*	
		For 10" WG (Class A), Add	*40.87*	
		For Work In Restricted Working Space, Add	*26.66*	
23 31 13 13-0563	LF	14" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.41	56.86
		For 3" WG (Class B), Add	*14.22*	
		For 4" Or 6" WG (Class A), Add	*30.33*	
		For 10" WG (Class A), Add	*43.59*	
		For Work In Restricted Working Space, Add	*28.43*	
23 31 13 13-0564	LF	14" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.27	60.42
		For 3" WG (Class B), Add	*15.11*	
		For 4" Or 6" WG (Class A), Add	*32.23*	
		For 10" WG (Class A), Add	*46.33*	
		For Work In Restricted Working Space, Add	*30.21*	
23 31 13 13-0565	LF	14" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	123.10	63.98
		For 3" WG (Class B), Add	*15.99*	
		For 4" Or 6" WG (Class A), Add	*34.12*	
		For 10" WG (Class A), Add	*49.05*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0566	LF	14" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	129.94	67.52
		For 3" WG (Class B), Add	*16.88*	
		For 4" Or 6" WG (Class A), Add	*36.02*	
		For 10" WG (Class A), Add	*51.77*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-0567	LF	14" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0568	LF	14" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	
23 31 13 13-0569	LF	14" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0570	LF	14" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0571	LF	14" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0572	LF	14" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	
23 31 13 13-0573	LF	16" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.41	56.86
		For 3" WG (Class B), Add	*14.22*	
		For 4" Or 6" WG (Class A), Add	*30.33*	
		For 10" WG (Class A), Add	*43.59*	
		For Work In Restricted Working Space, Add	*28.43*	
23 31 13 13-0574	LF	16" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.27	60.42
		For 3" WG (Class B), Add	*15.11*	
		For 4" Or 6" WG (Class A), Add	*32.23*	
		For 10" WG (Class A), Add	*46.33*	
		For Work In Restricted Working Space, Add	*30.21*	
23 31 13 13-0575	LF	16" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	123.10	63.98
		For 3" WG (Class B), Add	*15.99*	
		For 4" Or 6" WG (Class A), Add	*34.12*	
		For 10" WG (Class A), Add	*49.05*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0576	LF	16" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	129.94	67.52
		For 3" WG (Class B), Add	*16.88*	
		For 4" Or 6" WG (Class A), Add	*36.02*	
		For 10" WG (Class A), Add	*51.77*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-0577	LF	16" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0578	LF	16" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0579	LF	16" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0580	LF	16" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0581	LF	16" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0582	LF	16" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	
23 31 13 13-0583	LF	16" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0584	LF	16" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	
23 31 13 13-0585	LF	16" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0586	LF	16" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0587	LF	16" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0588	LF	18" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	123.10	63.98
		For 3" WG (Class B), Add	*15.99*	
		For 4" Or 6" WG (Class A), Add	*34.12*	
		For 10" WG (Class A), Add	*49.05*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0589	LF	18" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	129.94	67.52
		For 3" WG (Class B), Add	*16.88*	
		For 4" Or 6" WG (Class A), Add	*36.02*	
		For 10" WG (Class A), Add	*51.77*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-0590	LF	18" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0591	LF	18" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	
23 31 13 13-0592	LF	18" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0593	LF	18" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0594	LF	18" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0595	LF	18" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0596	LF	18" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0597	LF	18" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	
23 31 13 13-0598	LF	18" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0599	LF	18" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0600	LF	18" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0601	LF	18" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0602	LF	18" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0603	LF	20" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	136.76	71.09
		For 3" WG (Class B), Add	*17.77*	
		For 4" Or 6" WG (Class A), Add	*37.91*	
		For 10" WG (Class A), Add	*54.50*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0604	LF	20" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.62	74.63
		For 3" WG (Class B), Add	*18.66*	
		For 4" Or 6" WG (Class A), Add	*39.81*	
		For 10" WG (Class A), Add	*57.22*	
		For Work In Restricted Working Space, Add	*37.32*	
23 31 13 13-0605	LF	20" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0606	LF	20" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0607	LF	20" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0608	LF	20" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	
23 31 13 13-0609	LF	20" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0610	LF	20" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	
23 31 13 13-0611	LF	20" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0612	LF	20" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0613	LF	20" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0614	LF	20" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0615	LF	20" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0616	LF	20" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0617	LF	20" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0618	LF	22" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.45	78.19
		For 3" WG (Class B), Add	*19.55*	
		For 4" Or 6" WG (Class A), Add	*41.70*	
		For 10" WG (Class A), Add	*59.94*	
		For Work In Restricted Working Space, Add	*39.09*	
23 31 13 13-0619	LF	22" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	157.28	81.75
		For 3" WG (Class B), Add	*20.44*	
		For 4" Or 6" WG (Class A), Add	*43.60*	
		For 10" WG (Class A), Add	*62.67*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0620	LF	22" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0621	LF	22" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	
23 31 13 13-0622	LF	22" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0623	LF	22" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	
23 31 13 13-0624	LF	22" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0625	LF	22" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0626	LF	22" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0627	LF	22" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0628	LF	22" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0629	LF	22" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0630	LF	22" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0631	LF	22" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0632	LF	24" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	164.14	85.30
		For 3" WG (Class B), Add	*21.33*	
		For 4" Or 6" WG (Class A), Add	*45.50*	
		For 10" WG (Class A), Add	*65.40*	
		For Work In Restricted Working Space, Add	*42.65*	
23 31 13 13-0633	LF	24" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	170.96	88.85
		For 3" WG (Class B), Add	*22.21*	
		For 4" Or 6" WG (Class A), Add	*47.39*	
		For 10" WG (Class A), Add	*68.12*	
		For Work In Restricted Working Space, Add	*44.43*	
23 31 13 13-0634	LF	24" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0635	LF	24" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	
23 31 13 13-0636	LF	24" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0637	LF	24" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0638	LF	24" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0639	LF	24" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0640	LF	24" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0641	LF	24" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0642	LF	24" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0643	LF	24" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0644	LF	24" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0645	LF	26" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	177.81	92.41
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-0646	LF	26" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.65	95.96
		For 3" WG (Class B), Add	*23.99*	
		For 4" Or 6" WG (Class A), Add	*51.18*	
		For 10" WG (Class A), Add	*73.57*	
		For Work In Restricted Working Space, Add	*47.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0647	LF	26" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0648	LF	26" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0649	LF	26" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0650	LF	26" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0651	LF	26" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0652	LF	26" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0653	LF	26" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0654	LF	26" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0655	LF	26" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0656	LF	26" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0657	LF	28" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	191.48	99.52
		For 3" WG (Class B), Add	*24.88*	
		For 4" Or 6" WG (Class A), Add	*53.08*	
		For 10" WG (Class A), Add	*76.30*	
		For Work In Restricted Working Space, Add	*49.76*	
23 31 13 13-0658	LF	28" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	198.32	103.07
		For 3" WG (Class B), Add	*25.77*	
		For 4" Or 6" WG (Class A), Add	*54.97*	
		For 10" WG (Class A), Add	*79.02*	
		For Work In Restricted Working Space, Add	*51.53*	
23 31 13 13-0659	LF	28" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0660	LF	28" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0661	LF	28" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0662	LF	28" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0663	LF	28" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0664	LF	28" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0665	LF	28" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0666	LF	28" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0667	LF	28" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0668	LF	30" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	205.17	106.63
		For 3" WG (Class B), Add	*26.66*	
		For 4" Or 6" WG (Class A), Add	*56.87*	
		For 10" WG (Class A), Add	*81.75*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0669	LF	30" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	211.99	110.17
		For 3" WG (Class B), Add	*27.54*	
		For 4" Or 6" WG (Class A), Add	*58.76*	
		For 10" WG (Class A), Add	*84.47*	
		For Work In Restricted Working Space, Add	*55.09*	
23 31 13 13-0670	LF	30" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0671	LF	30" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0672	LF	30" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0673	LF	30" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0674	LF	30" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0675	LF	30" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0676	LF	30" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0677	LF	30" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	266.70	138.61
		For 3" WG (Class B), Add	*34.65*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.27*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-0678	LF	32" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.84	113.74
		For 3" WG (Class B), Add	*28.43*	
		For 4" Or 6" WG (Class A), Add	*60.66*	
		For 10" WG (Class A), Add	*87.20*	
		For Work In Restricted Working Space, Add	*56.87*	
23 31 13 13-0679	LF	32" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.67	117.28
		For 3" WG (Class B), Add	*29.32*	
		For 4" Or 6" WG (Class A), Add	*62.55*	
		For 10" WG (Class A), Add	*89.92*	
		For Work In Restricted Working Space, Add	*58.64*	
23 31 13 13-0680	LF	32" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0681	LF	32" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0682	LF	32" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0683	LF	32" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0684	LF	32" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0685	LF	32" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	266.70	138.61
		For 3" WG (Class B), Add	*34.65*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.27*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-0686	LF	32" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	273.56	142.18
		For 3" WG (Class B), Add	*35.54*	
		For 4" Or 6" WG (Class A), Add	*75.82*	
		For 10" WG (Class A), Add	*109.00*	
		For Work In Restricted Working Space, Add	*71.09*	
23 31 13 13-0687	LF	34" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	232.51	120.85
		For 3" WG (Class B), Add	*30.21*	
		For 4" Or 6" WG (Class A), Add	*64.45*	
		For 10" WG (Class A), Add	*92.64*	
		For Work In Restricted Working Space, Add	*60.42*	
23 31 13 13-0688	LF	34" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	239.36	124.40
		For 3" WG (Class B), Add	*31.10*	
		For 4" Or 6" WG (Class A), Add	*66.35*	
		For 10" WG (Class A), Add	*95.37*	
		For Work In Restricted Working Space, Add	*62.20*	
23 31 13 13-0689	LF	34" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0690	LF	34" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0691	LF	34" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0692	LF	34" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	266.70	138.61
		For 3" WG (Class B), Add	*34.65*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.27*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-0693	LF	34" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	273.56	142.18
		For 3" WG (Class B), Add	*35.54*	
		For 4" Or 6" WG (Class A), Add	*75.82*	
		For 10" WG (Class A), Add	*109.00*	
		For Work In Restricted Working Space, Add	*71.09*	
23 31 13 13-0694	LF	34" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	280.38	145.72
		For 3" WG (Class B), Add	*36.43*	
		For 4" Or 6" WG (Class A), Add	*77.72*	
		For 10" WG (Class A), Add	*111.72*	
		For Work In Restricted Working Space, Add	*72.86*	
23 31 13 13-0695	LF	36" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	246.18	127.95
		For 3" WG (Class B), Add	*31.99*	
		For 4" Or 6" WG (Class A), Add	*68.24*	
		For 10" WG (Class A), Add	*98.09*	
		For Work In Restricted Working Space, Add	*63.97*	
23 31 13 13-0696	LF	36" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	253.04	131.51
		For 3" WG (Class B), Add	*32.88*	
		For 4" Or 6" WG (Class A), Add	*70.14*	
		For 10" WG (Class A), Add	*100.82*	
		For Work In Restricted Working Space, Add	*65.75*	
23 31 13 13-0697	LF	36" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0698	LF	36" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	266.70	138.61
		For 3" WG (Class B), Add	*34.65*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.27*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-0699	LF	36" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	273.56	142.18
		For 3" WG (Class B), Add	*35.54*	
		For 4" Or 6" WG (Class A), Add	*75.82*	
		For 10" WG (Class A), Add	*109.00*	
		For Work In Restricted Working Space, Add	*71.09*	
23 31 13 13-0700	LF	36" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	280.38	145.72
		For 3" WG (Class B), Add	*36.43*	
		For 4" Or 6" WG (Class A), Add	*77.72*	
		For 10" WG (Class A), Add	*111.72*	
		For Work In Restricted Working Space, Add	*72.86*	
23 31 13 13-0701	LF	36" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	287.22	149.28
		For 3" WG (Class B), Add	*37.32*	
		For 4" Or 6" WG (Class A), Add	*79.61*	
		For 10" WG (Class A), Add	*114.44*	
		For Work In Restricted Working Space, Add	*74.64*	
23 31 13 13-0702	LF	38" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.86	135.06
		For 3" WG (Class B), Add	*33.77*	
		For 4" Or 6" WG (Class A), Add	*72.03*	
		For 10" WG (Class A), Add	*103.55*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0703	LF	38" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	266.70	138.61
		For 3" WG (Class B), Add	*34.65*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.27*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-0704	LF	38" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	273.56	142.18
		For 3" WG (Class B), Add	*35.54*	
		For 4" Or 6" WG (Class A), Add	*75.82*	
		For 10" WG (Class A), Add	*109.00*	
		For Work In Restricted Working Space, Add	*71.09*	
23 31 13 13-0705	LF	38" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	280.38	145.72
		For 3" WG (Class B), Add	*36.43*	
		For 4" Or 6" WG (Class A), Add	*77.72*	
		For 10" WG (Class A), Add	*111.72*	
		For Work In Restricted Working Space, Add	*72.86*	
23 31 13 13-0706	LF	38" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	287.22	149.28
		For 3" WG (Class B), Add	*37.32*	
		For 4" Or 6" WG (Class A), Add	*79.61*	
		For 10" WG (Class A), Add	*114.44*	
		For Work In Restricted Working Space, Add	*74.64*	
23 31 13 13-0707	LF	38" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	294.07	152.83
		For 3" WG (Class B), Add	*38.21*	
		For 4" Or 6" WG (Class A), Add	*81.51*	
		For 10" WG (Class A), Add	*117.17*	
		For Work In Restricted Working Space, Add	*76.42*	
23 31 13 13-0708	LF	38" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	300.91	156.39
		For 3" WG (Class B), Add	*39.10*	
		For 4" Or 6" WG (Class A), Add	*83.41*	
		For 10" WG (Class A), Add	*119.90*	
		For Work In Restricted Working Space, Add	*78.20*	
23 31 13 13-0709	LF	40" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	273.56	142.18
		For 3" WG (Class B), Add	*35.54*	
		For 4" Or 6" WG (Class A), Add	*75.82*	
		For 10" WG (Class A), Add	*109.00*	
		For Work In Restricted Working Space, Add	*71.09*	
23 31 13 13-0710	LF	40" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	280.38	145.72
		For 3" WG (Class B), Add	*36.43*	
		For 4" Or 6" WG (Class A), Add	*77.72*	
		For 10" WG (Class A), Add	*111.72*	
		For Work In Restricted Working Space, Add	*72.86*	
23 31 13 13-0711	LF	40" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	287.22	149.28
		For 3" WG (Class B), Add	*37.32*	
		For 4" Or 6" WG (Class A), Add	*79.61*	
		For 10" WG (Class A), Add	*114.44*	
		For Work In Restricted Working Space, Add	*74.64*	
23 31 13 13-0712	LF	40" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	294.07	152.83
		For 3" WG (Class B), Add	*38.21*	
		For 4" Or 6" WG (Class A), Add	*81.51*	
		For 10" WG (Class A), Add	*117.17*	
		For Work In Restricted Working Space, Add	*76.42*	
23 31 13 13-0713	LF	40" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	300.91	156.39
		For 3" WG (Class B), Add	*39.10*	
		For 4" Or 6" WG (Class A), Add	*83.41*	
		For 10" WG (Class A), Add	*119.90*	
		For Work In Restricted Working Space, Add	*78.20*	
23 31 13 13-0714	LF	40" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	307.74	159.94
		For 3" WG (Class B), Add	*39.98*	
		For 4" Or 6" WG (Class A), Add	*85.30*	
		For 10" WG (Class A), Add	*122.62*	
		For Work In Restricted Working Space, Add	*79.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0715	LF	40" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	314.57	163.50
		For 3" WG (Class B), Add	*40.87*	
		For 4" Or 6" WG (Class A), Add	*87.20*	
		For 10" WG (Class A), Add	*125.35*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0716	LF	40" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	321.42	167.05
		For 3" WG (Class B), Add	*41.76*	
		For 4" Or 6" WG (Class A), Add	*89.09*	
		For 10" WG (Class A), Add	*128.07*	
		For Work In Restricted Working Space, Add	*83.52*	
23 31 13 13-0717	LF	40" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	328.26	170.60
		For 3" WG (Class B), Add	*42.65*	
		For 4" Or 6" WG (Class A), Add	*90.99*	
		For 10" WG (Class A), Add	*130.79*	
		For Work In Restricted Working Space, Add	*85.30*	
23 31 13 13-0718	LF	42" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	287.22	149.28
		For 3" WG (Class B), Add	*37.32*	
		For 4" Or 6" WG (Class A), Add	*79.61*	
		For 10" WG (Class A), Add	*114.44*	
		For Work In Restricted Working Space, Add	*74.64*	
23 31 13 13-0719	LF	42" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	294.07	152.83
		For 3" WG (Class B), Add	*38.21*	
		For 4" Or 6" WG (Class A), Add	*81.51*	
		For 10" WG (Class A), Add	*117.17*	
		For Work In Restricted Working Space, Add	*76.42*	
23 31 13 13-0720	LF	42" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	300.91	156.39
		For 3" WG (Class B), Add	*39.10*	
		For 4" Or 6" WG (Class A), Add	*83.41*	
		For 10" WG (Class A), Add	*119.90*	
		For Work In Restricted Working Space, Add	*78.20*	
23 31 13 13-0721	LF	42" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	307.74	159.94
		For 3" WG (Class B), Add	*39.98*	
		For 4" Or 6" WG (Class A), Add	*85.30*	
		For 10" WG (Class A), Add	*122.62*	
		For Work In Restricted Working Space, Add	*79.97*	
23 31 13 13-0722	LF	42" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	314.57	163.50
		For 3" WG (Class B), Add	*40.87*	
		For 4" Or 6" WG (Class A), Add	*87.20*	
		For 10" WG (Class A), Add	*125.35*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0723	LF	42" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	321.42	167.05
		For 3" WG (Class B), Add	*41.76*	
		For 4" Or 6" WG (Class A), Add	*89.09*	
		For 10" WG (Class A), Add	*128.07*	
		For Work In Restricted Working Space, Add	*83.52*	
23 31 13 13-0724	LF	42" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	328.26	170.60
		For 3" WG (Class B), Add	*42.65*	
		For 4" Or 6" WG (Class A), Add	*90.99*	
		For 10" WG (Class A), Add	*130.79*	
		For Work In Restricted Working Space, Add	*85.30*	
23 31 13 13-0725	LF	42" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	335.09	174.16
		For 3" WG (Class B), Add	*43.54*	
		For 4" Or 6" WG (Class A), Add	*92.88*	
		For 10" WG (Class A), Add	*133.52*	
		For Work In Restricted Working Space, Add	*87.08*	
23 31 13 13-0726	LF	44" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	300.91	156.39
		For 3" WG (Class B), Add	*39.10*	
		For 4" Or 6" WG (Class A), Add	*83.41*	
		For 10" WG (Class A), Add	*119.90*	
		For Work In Restricted Working Space, Add	*78.20*	
23 31 13 13-0727	LF	44" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	307.74	159.94
		For 3" WG (Class B), Add	*39.98*	
		For 4" Or 6" WG (Class A), Add	*85.30*	
		For 10" WG (Class A), Add	*122.62*	
		For Work In Restricted Working Space, Add	*79.97*	
23 31 13 13-0728	LF	44" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	314.57	163.50
		For 3" WG (Class B), Add	*40.87*	
		For 4" Or 6" WG (Class A), Add	*87.20*	
		For 10" WG (Class A), Add	*125.35*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0729	LF	44" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	321.42	167.05
		For 3" WG (Class B), Add	*41.76*	
		For 4" Or 6" WG (Class A), Add	*89.09*	
		For 10" WG (Class A), Add	*128.07*	
		For Work In Restricted Working Space, Add	*83.52*	
23 31 13 13-0730	LF	44" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	328.26	170.60
		For 3" WG (Class B), Add	*42.65*	
		For 4" Or 6" WG (Class A), Add	*90.99*	
		For 10" WG (Class A), Add	*130.79*	
		For Work In Restricted Working Space, Add	*85.30*	
23 31 13 13-0731	LF	44" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	335.09	174.16
		For 3" WG (Class B), Add	*43.54*	
		For 4" Or 6" WG (Class A), Add	*92.88*	
		For 10" WG (Class A), Add	*133.52*	
		For Work In Restricted Working Space, Add	*87.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0732	LF	44" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	341.93	177.71
		For 3" WG (Class B), Add	*44.43*	
		For 4" Or 6" WG (Class A), Add	*94.78*	
		For 10" WG (Class A), Add	*136.24*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0733	LF	46" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	314.57	163.50
		For 3" WG (Class B), Add	*40.87*	
		For 4" Or 6" WG (Class A), Add	*87.20*	
		For 10" WG (Class A), Add	*125.35*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0734	LF	46" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	321.42	167.05
		For 3" WG (Class B), Add	*41.76*	
		For 4" Or 6" WG (Class A), Add	*89.09*	
		For 10" WG (Class A), Add	*128.07*	
		For Work In Restricted Working Space, Add	*83.52*	
23 31 13 13-0735	LF	46" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	328.26	170.60
		For 3" WG (Class B), Add	*42.65*	
		For 4" Or 6" WG (Class A), Add	*90.99*	
		For 10" WG (Class A), Add	*130.79*	
		For Work In Restricted Working Space, Add	*85.30*	
23 31 13 13-0736	LF	46" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	335.09	174.16
		For 3" WG (Class B), Add	*43.54*	
		For 4" Or 6" WG (Class A), Add	*92.88*	
		For 10" WG (Class A), Add	*133.52*	
		For Work In Restricted Working Space, Add	*87.08*	
23 31 13 13-0737	LF	46" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	341.93	177.71
		For 3" WG (Class B), Add	*44.43*	
		For 4" Or 6" WG (Class A), Add	*94.78*	
		For 10" WG (Class A), Add	*136.24*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0738	LF	46" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	354.71	184.83
		For 3" WG (Class B), Add	*46.20*	
		For 4" Or 6" WG (Class A), Add	*98.57*	
		For 10" WG (Class A), Add	*141.69*	
		For Work In Restricted Working Space, Add	*92.41*	
23 31 13 13-0739	LF	46" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	361.53	188.37
		For 3" WG (Class B), Add	*47.09*	
		For 4" Or 6" WG (Class A), Add	*100.46*	
		For 10" WG (Class A), Add	*144.42*	
		For Work In Restricted Working Space, Add	*94.19*	
23 31 13 13-0740	LF	48" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	328.26	170.60
		For 3" WG (Class B), Add	*42.65*	
		For 4" Or 6" WG (Class A), Add	*90.99*	
		For 10" WG (Class A), Add	*130.79*	
		For Work In Restricted Working Space, Add	*85.30*	
23 31 13 13-0741	LF	48" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	335.09	174.16
		For 3" WG (Class B), Add	*43.54*	
		For 4" Or 6" WG (Class A), Add	*92.88*	
		For 10" WG (Class A), Add	*133.52*	
		For Work In Restricted Working Space, Add	*87.08*	
23 31 13 13-0742	LF	48" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	341.93	177.71
		For 3" WG (Class B), Add	*44.43*	
		For 4" Or 6" WG (Class A), Add	*94.78*	
		For 10" WG (Class A), Add	*136.24*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0743	LF	48" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	348.79	181.26
		For 3" WG (Class B), Add	*45.32*	
		For 4" Or 6" WG (Class A), Add	*96.68*	
		For 10" WG (Class A), Add	*138.97*	
		For Work In Restricted Working Space, Add	*90.63*	
23 31 13 13-0744	LF	48" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	355.61	184.83
		For 3" WG (Class B), Add	*46.20*	
		For 4" Or 6" WG (Class A), Add	*98.57*	
		For 10" WG (Class A), Add	*141.69*	
		For Work In Restricted Working Space, Add	*92.41*	
23 31 13 13-0745	LF	48" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	362.45	188.37
		For 3" WG (Class B), Add	*47.09*	
		For 4" Or 6" WG (Class A), Add	*100.46*	
		For 10" WG (Class A), Add	*144.42*	
		For Work In Restricted Working Space, Add	*94.19*	
23 31 13 13-0746	LF	48" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	369.28	191.93
		For 3" WG (Class B), Add	*47.98*	
		For 4" Or 6" WG (Class A), Add	*102.36*	
		For 10" WG (Class A), Add	*147.14*	
		For Work In Restricted Working Space, Add	*95.96*	
23 31 13 13-0747	LF	50" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	341.93	177.71
		For 3" WG (Class B), Add	*44.43*	
		For 4" Or 6" WG (Class A), Add	*94.78*	
		For 10" WG (Class A), Add	*136.24*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0748	LF	50" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	348.79	181.26
		For 3" WG (Class B), Add	*45.32*	
		For 4" Or 6" WG (Class A), Add	*96.68*	
		For 10" WG (Class A), Add	*138.97*	
		For Work In Restricted Working Space, Add	*90.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0749	LF	50" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	355.61	184.83
		For 3" WG (Class B), Add	*46.20*	
		For 4" Or 6" WG (Class A), Add	*98.57*	
		For 10" WG (Class A), Add	*141.69*	
		For Work In Restricted Working Space, Add	*92.41*	
23 31 13 13-0750	LF	50" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	362.45	188.37
		For 3" WG (Class B), Add	*47.09*	
		For 4" Or 6" WG (Class A), Add	*100.46*	
		For 10" WG (Class A), Add	*144.42*	
		For Work In Restricted Working Space, Add	*94.19*	
23 31 13 13-0751	LF	50" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	369.28	191.93
		For 3" WG (Class B), Add	*47.98*	
		For 4" Or 6" WG (Class A), Add	*102.36*	
		For 10" WG (Class A), Add	*147.14*	
		For Work In Restricted Working Space, Add	*95.96*	
23 31 13 13-0752	LF	50" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	376.13	195.48
		For 3" WG (Class B), Add	*48.87*	
		For 4" Or 6" WG (Class A), Add	*104.26*	
		For 10" WG (Class A), Add	*149.87*	
		For Work In Restricted Working Space, Add	*97.74*	
23 31 13 13-0753	LF	52" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	355.61	184.83
		For 3" WG (Class B), Add	*46.20*	
		For 4" Or 6" WG (Class A), Add	*98.57*	
		For 10" WG (Class A), Add	*141.69*	
		For Work In Restricted Working Space, Add	*92.41*	
23 31 13 13-0754	LF	52" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	362.45	188.37
		For 3" WG (Class B), Add	*47.09*	
		For 4" Or 6" WG (Class A), Add	*100.46*	
		For 10" WG (Class A), Add	*144.42*	
		For Work In Restricted Working Space, Add	*94.19*	
23 31 13 13-0755	LF	52" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	369.28	191.93
		For 3" WG (Class B), Add	*47.98*	
		For 4" Or 6" WG (Class A), Add	*102.36*	
		For 10" WG (Class A), Add	*147.14*	
		For Work In Restricted Working Space, Add	*95.96*	
23 31 13 13-0756	LF	52" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	376.13	195.48
		For 3" WG (Class B), Add	*48.87*	
		For 4" Or 6" WG (Class A), Add	*104.26*	
		For 10" WG (Class A), Add	*149.87*	
		For Work In Restricted Working Space, Add	*97.74*	
23 31 13 13-0757	LF	52" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	382.98	199.04
		For 3" WG (Class B), Add	*49.76*	
		For 4" Or 6" WG (Class A), Add	*106.15*	
		For 10" WG (Class A), Add	*152.60*	
		For Work In Restricted Working Space, Add	*99.52*	
23 31 13 13-0758	LF	54" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	369.28	191.93
		For 3" WG (Class B), Add	*47.98*	
		For 4" Or 6" WG (Class A), Add	*102.36*	
		For 10" WG (Class A), Add	*147.14*	
		For Work In Restricted Working Space, Add	*95.96*	
23 31 13 13-0759	LF	54" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	376.13	195.48
		For 3" WG (Class B), Add	*48.87*	
		For 4" Or 6" WG (Class A), Add	*104.26*	
		For 10" WG (Class A), Add	*149.87*	
		For Work In Restricted Working Space, Add	*97.74*	
23 31 13 13-0760	LF	54" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	382.98	199.04
		For 3" WG (Class B), Add	*49.76*	
		For 4" Or 6" WG (Class A), Add	*106.15*	
		For 10" WG (Class A), Add	*152.60*	
		For Work In Restricted Working Space, Add	*99.52*	
23 31 13 13-0761	LF	54" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	389.80	202.59
		For 3" WG (Class B), Add	*50.65*	
		For 4" Or 6" WG (Class A), Add	*108.05*	
		For 10" WG (Class A), Add	*155.32*	
		For Work In Restricted Working Space, Add	*101.30*	
23 31 13 13-0762	LF	54" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	396.65	206.14
		For 3" WG (Class B), Add	*51.54*	
		For 4" Or 6" WG (Class A), Add	*109.95*	
		For 10" WG (Class A), Add	*158.05*	
		For Work In Restricted Working Space, Add	*103.07*	
23 31 13 13-0763	LF	54" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	403.47	209.70
		For 3" WG (Class B), Add	*52.42*	
		For 4" Or 6" WG (Class A), Add	*111.84*	
		For 10" WG (Class A), Add	*160.77*	
		For Work In Restricted Working Space, Add	*104.85*	
23 31 13 13-0764	LF	56" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	382.98	199.04
		For 3" WG (Class B), Add	*49.76*	
		For 4" Or 6" WG (Class A), Add	*106.15*	
		For 10" WG (Class A), Add	*152.60*	
		For Work In Restricted Working Space, Add	*99.52*	
23 31 13 13-0765	LF	56" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	389.80	202.59
		For 3" WG (Class B), Add	*50.65*	
		For 4" Or 6" WG (Class A), Add	*108.05*	
		For 10" WG (Class A), Add	*155.32*	
		For Work In Restricted Working Space, Add	*101.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0766	LF	56" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	396.65	206.14
		For 3" WG (Class B), Add	*51.54*	
		For 4" Or 6" WG (Class A), Add	*109.95*	
		For 10" WG (Class A), Add	*158.05*	
		For Work In Restricted Working Space, Add	*103.07*	
23 31 13 13-0767	LF	56" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	403.47	209.70
		For 3" WG (Class B), Add	*52.42*	
		For 4" Or 6" WG (Class A), Add	*111.84*	
		For 10" WG (Class A), Add	*160.77*	
		For Work In Restricted Working Space, Add	*104.85*	
23 31 13 13-0768	LF	56" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	410.32	213.24
		For 3" WG (Class B), Add	*53.31*	
		For 4" Or 6" WG (Class A), Add	*113.73*	
		For 10" WG (Class A), Add	*163.49*	
		For Work In Restricted Working Space, Add	*106.63*	
23 31 13 13-0769	LF	58" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	396.65	206.14
		For 3" WG (Class B), Add	*51.54*	
		For 4" Or 6" WG (Class A), Add	*109.95*	
		For 10" WG (Class A), Add	*158.05*	
		For Work In Restricted Working Space, Add	*103.07*	
23 31 13 13-0770	LF	58" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	403.47	209.70
		For 3" WG (Class B), Add	*52.42*	
		For 4" Or 6" WG (Class A), Add	*111.84*	
		For 10" WG (Class A), Add	*160.77*	
		For Work In Restricted Working Space, Add	*104.85*	
23 31 13 13-0771	LF	58" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	410.32	213.24
		For 3" WG (Class B), Add	*53.31*	
		For 4" Or 6" WG (Class A), Add	*113.73*	
		For 10" WG (Class A), Add	*163.49*	
		For Work In Restricted Working Space, Add	*106.63*	
23 31 13 13-0772	LF	58" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	417.16	216.81
		For 3" WG (Class B), Add	*54.20*	
		For 4" Or 6" WG (Class A), Add	*115.63*	
		For 10" WG (Class A), Add	*166.22*	
		For Work In Restricted Working Space, Add	*108.40*	
23 31 13 13-0773	LF	58" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	423.99	220.36
		For 3" WG (Class B), Add	*55.09*	
		For 4" Or 6" WG (Class A), Add	*117.52*	
		For 10" WG (Class A), Add	*168.94*	
		For Work In Restricted Working Space, Add	*110.18*	
23 31 13 13-0774	LF	60" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	410.32	213.24
		For 3" WG (Class B), Add	*53.31*	
		For 4" Or 6" WG (Class A), Add	*113.73*	
		For 10" WG (Class A), Add	*163.49*	
		For Work In Restricted Working Space, Add	*106.63*	
23 31 13 13-0775	LF	60" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	417.16	216.81
		For 3" WG (Class B), Add	*54.20*	
		For 4" Or 6" WG (Class A), Add	*115.63*	
		For 10" WG (Class A), Add	*166.22*	
		For Work In Restricted Working Space, Add	*108.40*	
23 31 13 13-0776	LF	60" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	423.99	220.36
		For 3" WG (Class B), Add	*55.09*	
		For 4" Or 6" WG (Class A), Add	*117.52*	
		For 10" WG (Class A), Add	*168.94*	
		For Work In Restricted Working Space, Add	*110.18*	
23 31 13 13-0777	LF	60" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	430.85	223.91
		For 3" WG (Class B), Add	*55.98*	
		For 4" Or 6" WG (Class A), Add	*119.42*	
		For 10" WG (Class A), Add	*171.67*	
		For Work In Restricted Working Space, Add	*111.96*	
23 31 13 13-0778	LF	60" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	437.69	227.47
		For 3" WG (Class B), Add	*56.87*	
		For 4" Or 6" WG (Class A), Add	*121.32*	
		For 10" WG (Class A), Add	*174.40*	
		For Work In Restricted Working Space, Add	*113.74*	
23 31 13 13-0779	LF	62" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	423.99	220.36
		For 3" WG (Class B), Add	*55.09*	
		For 4" Or 6" WG (Class A), Add	*117.52*	
		For 10" WG (Class A), Add	*168.94*	
		For Work In Restricted Working Space, Add	*110.18*	
23 31 13 13-0780	LF	62" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	430.85	223.91
		For 3" WG (Class B), Add	*55.98*	
		For 4" Or 6" WG (Class A), Add	*119.42*	
		For 10" WG (Class A), Add	*171.67*	
		For Work In Restricted Working Space, Add	*111.96*	
23 31 13 13-0781	LF	62" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	437.69	227.47
		For 3" WG (Class B), Add	*56.87*	
		For 4" Or 6" WG (Class A), Add	*121.32*	
		For 10" WG (Class A), Add	*174.40*	
		For Work In Restricted Working Space, Add	*113.74*	
23 31 13 13-0782	LF	62" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	444.51	231.02
		For 3" WG (Class B), Add	*57.76*	
		For 4" Or 6" WG (Class A), Add	*123.21*	
		For 10" WG (Class A), Add	*177.12*	
		For Work In Restricted Working Space, Add	*115.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0783	LF	62" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	451.36	234.57
		For 3" WG (Class B), Add	*58.64*	
		For 4" Or 6" WG (Class A), Add	*125.11*	
		For 10" WG (Class A), Add	*179.84*	
		For Work In Restricted Working Space, Add	*117.29*	
23 31 13 13-0784	LF	64" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	437.69	227.47
		For 3" WG (Class B), Add	*56.87*	
		For 4" Or 6" WG (Class A), Add	*121.32*	
		For 10" WG (Class A), Add	*174.40*	
		For Work In Restricted Working Space, Add	*113.74*	
23 31 13 13-0785	LF	64" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	444.51	231.02
		For 3" WG (Class B), Add	*57.76*	
		For 4" Or 6" WG (Class A), Add	*123.21*	
		For 10" WG (Class A), Add	*177.12*	
		For Work In Restricted Working Space, Add	*115.51*	
23 31 13 13-0786	LF	64" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	451.36	234.57
		For 3" WG (Class B), Add	*58.64*	
		For 4" Or 6" WG (Class A), Add	*125.11*	
		For 10" WG (Class A), Add	*179.84*	
		For Work In Restricted Working Space, Add	*117.29*	
23 31 13 13-0787	LF	64" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	458.19	238.14
		For 3" WG (Class B), Add	*59.53*	
		For 4" Or 6" WG (Class A), Add	*127.00*	
		For 10" WG (Class A), Add	*182.57*	
		For Work In Restricted Working Space, Add	*119.07*	
23 31 13 13-0788	LF	66" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	451.36	234.57
		For 3" WG (Class B), Add	*58.64*	
		For 4" Or 6" WG (Class A), Add	*125.11*	
		For 10" WG (Class A), Add	*179.84*	
		For Work In Restricted Working Space, Add	*117.29*	
23 31 13 13-0789	LF	66" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	458.19	238.14
		For 3" WG (Class B), Add	*59.53*	
		For 4" Or 6" WG (Class A), Add	*127.00*	
		For 10" WG (Class A), Add	*182.57*	
		For Work In Restricted Working Space, Add	*119.07*	
23 31 13 13-0790	LF	66" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	465.02	241.68
		For 3" WG (Class B), Add	*60.42*	
		For 4" Or 6" WG (Class A), Add	*128.90*	
		For 10" WG (Class A), Add	*185.29*	
		For Work In Restricted Working Space, Add	*120.84*	
23 31 13 13-0791	LF	66" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	471.87	245.24
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.79*	
		For 10" WG (Class A), Add	*188.02*	
		For Work In Restricted Working Space, Add	*122.62*	
23 31 13 13-0792	LF	68" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	465.02	241.68
		For 3" WG (Class B), Add	*60.42*	
		For 4" Or 6" WG (Class A), Add	*128.90*	
		For 10" WG (Class A), Add	*185.29*	
		For Work In Restricted Working Space, Add	*120.84*	
23 31 13 13-0793	LF	68" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	471.87	245.24
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.79*	
		For 10" WG (Class A), Add	*188.02*	
		For Work In Restricted Working Space, Add	*122.62*	
23 31 13 13-0794	LF	68" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	478.71	248.79
		For 3" WG (Class B), Add	*62.20*	
		For 4" Or 6" WG (Class A), Add	*132.69*	
		For 10" WG (Class A), Add	*190.74*	
		For Work In Restricted Working Space, Add	*124.40*	
23 31 13 13-0795	LF	68" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	485.55	252.35
		For 3" WG (Class B), Add	*63.09*	
		For 4" Or 6" WG (Class A), Add	*134.59*	
		For 10" WG (Class A), Add	*193.47*	
		For Work In Restricted Working Space, Add	*126.17*	
23 31 13 13-0796	LF	70" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	478.71	248.79
		For 3" WG (Class B), Add	*62.20*	
		For 4" Or 6" WG (Class A), Add	*132.69*	
		For 10" WG (Class A), Add	*190.74*	
		For Work In Restricted Working Space, Add	*124.40*	
23 31 13 13-0797	LF	70" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	485.55	252.35
		For 3" WG (Class B), Add	*63.09*	
		For 4" Or 6" WG (Class A), Add	*134.59*	
		For 10" WG (Class A), Add	*193.47*	
		For Work In Restricted Working Space, Add	*126.17*	
23 31 13 13-0798	LF	70" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	492.40	255.90
		For 3" WG (Class B), Add	*63.98*	
		For 4" Or 6" WG (Class A), Add	*136.48*	
		For 10" WG (Class A), Add	*196.19*	
		For Work In Restricted Working Space, Add	*127.95*	
23 31 13 13-0799	LF	70" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	499.22	259.46
		For 3" WG (Class B), Add	*64.86*	
		For 4" Or 6" WG (Class A), Add	*138.37*	
		For 10" WG (Class A), Add	*198.91*	
		For Work In Restricted Working Space, Add	*129.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0800	LF	70" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	506.07	263.01
		For 3" WG (Class B), Add	*65.75*	
		For 4" Or 6" WG (Class A), Add	*140.27*	
		For 10" WG (Class A), Add	*201.64*	
		For Work In Restricted Working Space, Add	*131.51*	
23 31 13 13-0801	LF	70" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	512.89	266.56
		For 3" WG (Class B), Add	*66.64*	
		For 4" Or 6" WG (Class A), Add	*142.17*	
		For 10" WG (Class A), Add	*204.36*	
		For Work In Restricted Working Space, Add	*133.28*	
23 31 13 13-0802	LF	70" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	519.74	270.12
		For 3" WG (Class B), Add	*67.53*	
		For 4" Or 6" WG (Class A), Add	*144.06*	
		For 10" WG (Class A), Add	*207.09*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0803	LF	70" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	526.58	273.67
		For 3" WG (Class B), Add	*68.42*	
		For 4" Or 6" WG (Class A), Add	*145.96*	
		For 10" WG (Class A), Add	*209.82*	
		For Work In Restricted Working Space, Add	*136.84*	
23 31 13 13-0804	LF	72" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	492.40	255.90
		For 3" WG (Class B), Add	*63.98*	
		For 4" Or 6" WG (Class A), Add	*136.48*	
		For 10" WG (Class A), Add	*196.19*	
		For Work In Restricted Working Space, Add	*127.95*	
23 31 13 13-0805	LF	72" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	499.22	259.46
		For 3" WG (Class B), Add	*64.86*	
		For 4" Or 6" WG (Class A), Add	*138.37*	
		For 10" WG (Class A), Add	*198.91*	
		For Work In Restricted Working Space, Add	*129.73*	
23 31 13 13-0806	LF	72" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	506.07	263.01
		For 3" WG (Class B), Add	*65.75*	
		For 4" Or 6" WG (Class A), Add	*140.27*	
		For 10" WG (Class A), Add	*201.64*	
		For Work In Restricted Working Space, Add	*131.51*	
23 31 13 13-0807	LF	72" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	512.89	266.56
		For 3" WG (Class B), Add	*66.64*	
		For 4" Or 6" WG (Class A), Add	*142.17*	
		For 10" WG (Class A), Add	*204.36*	
		For Work In Restricted Working Space, Add	*133.28*	
23 31 13 13-0808	LF	72" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	519.74	270.12
		For 3" WG (Class B), Add	*67.53*	
		For 4" Or 6" WG (Class A), Add	*144.06*	
		For 10" WG (Class A), Add	*207.09*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0809	LF	72" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	526.58	273.67
		For 3" WG (Class B), Add	*68.42*	
		For 4" Or 6" WG (Class A), Add	*145.96*	
		For 10" WG (Class A), Add	*209.82*	
		For Work In Restricted Working Space, Add	*136.84*	
23 31 13 13-0810	LF	72" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	533.42	277.22
		For 3" WG (Class B), Add	*69.31*	
		For 4" Or 6" WG (Class A), Add	*147.86*	
		For 10" WG (Class A), Add	*212.54*	
		For Work In Restricted Working Space, Add	*138.62*	
23 31 13 13-0811	LF	74" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	506.07	263.01
		For 3" WG (Class B), Add	*65.75*	
		For 4" Or 6" WG (Class A), Add	*140.27*	
		For 10" WG (Class A), Add	*201.64*	
		For Work In Restricted Working Space, Add	*131.51*	
23 31 13 13-0812	LF	74" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	512.89	266.56
		For 3" WG (Class B), Add	*66.64*	
		For 4" Or 6" WG (Class A), Add	*142.17*	
		For 10" WG (Class A), Add	*204.36*	
		For Work In Restricted Working Space, Add	*133.28*	
23 31 13 13-0813	LF	74" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	519.74	270.12
		For 3" WG (Class B), Add	*67.53*	
		For 4" Or 6" WG (Class A), Add	*144.06*	
		For 10" WG (Class A), Add	*207.09*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0814	LF	74" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	526.58	273.67
		For 3" WG (Class B), Add	*68.42*	
		For 4" Or 6" WG (Class A), Add	*145.96*	
		For 10" WG (Class A), Add	*209.82*	
		For Work In Restricted Working Space, Add	*136.84*	
23 31 13 13-0815	LF	74" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	533.42	277.22
		For 3" WG (Class B), Add	*69.31*	
		For 4" Or 6" WG (Class A), Add	*147.86*	
		For 10" WG (Class A), Add	*212.54*	
		For Work In Restricted Working Space, Add	*138.62*	
23 31 13 13-0816	LF	74" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	540.26	280.79
		For 3" WG (Class B), Add	*70.20*	
		For 4" Or 6" WG (Class A), Add	*149.75*	
		For 10" WG (Class A), Add	*215.27*	
		For Work In Restricted Working Space, Add	*140.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0817	LF	76" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	519.74	270.12
		For 3" WG (Class B), Add	*67.53*	
		For 4" Or 6" WG (Class A), Add	*144.06*	
		For 10" WG (Class A), Add	*207.09*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0818	LF	76" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	526.58	273.67
		For 3" WG (Class B), Add	*68.42*	
		For 4" Or 6" WG (Class A), Add	*145.96*	
		For 10" WG (Class A), Add	*209.82*	
		For Work In Restricted Working Space, Add	*136.84*	
23 31 13 13-0819	LF	76" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	533.42	277.22
		For 3" WG (Class B), Add	*69.31*	
		For 4" Or 6" WG (Class A), Add	*147.86*	
		For 10" WG (Class A), Add	*212.54*	
		For Work In Restricted Working Space, Add	*138.62*	
23 31 13 13-0820	LF	76" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	540.26	280.79
		For 3" WG (Class B), Add	*70.20*	
		For 4" Or 6" WG (Class A), Add	*149.75*	
		For 10" WG (Class A), Add	*215.27*	
		For Work In Restricted Working Space, Add	*140.39*	
23 31 13 13-0821	LF	76" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	547.08	284.33
		For 3" WG (Class B), Add	*71.08*	
		For 4" Or 6" WG (Class A), Add	*151.64*	
		For 10" WG (Class A), Add	*217.99*	
		For Work In Restricted Working Space, Add	*142.17*	
23 31 13 13-0822	LF	78" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	533.42	277.22
		For 3" WG (Class B), Add	*69.31*	
		For 4" Or 6" WG (Class A), Add	*147.86*	
		For 10" WG (Class A), Add	*212.54*	
		For Work In Restricted Working Space, Add	*138.62*	
23 31 13 13-0823	LF	78" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	540.26	280.79
		For 3" WG (Class B), Add	*70.20*	
		For 4" Or 6" WG (Class A), Add	*149.75*	
		For 10" WG (Class A), Add	*215.27*	
		For Work In Restricted Working Space, Add	*140.39*	
23 31 13 13-0824	LF	78" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	547.08	284.33
		For 3" WG (Class B), Add	*71.08*	
		For 4" Or 6" WG (Class A), Add	*151.64*	
		For 10" WG (Class A), Add	*217.99*	
		For Work In Restricted Working Space, Add	*142.17*	
23 31 13 13-0825	LF	78" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	553.94	287.89
		For 3" WG (Class B), Add	*71.97*	
		For 4" Or 6" WG (Class A), Add	*153.54*	
		For 10" WG (Class A), Add	*220.72*	
		For Work In Restricted Working Space, Add	*143.95*	
23 31 13 13-0826	LF	80" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	547.08	284.33
		For 3" WG (Class B), Add	*71.08*	
		For 4" Or 6" WG (Class A), Add	*151.64*	
		For 10" WG (Class A), Add	*217.99*	
		For Work In Restricted Working Space, Add	*142.17*	
23 31 13 13-0827	LF	80" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	553.94	287.89
		For 3" WG (Class B), Add	*71.97*	
		For 4" Or 6" WG (Class A), Add	*153.54*	
		For 10" WG (Class A), Add	*220.72*	
		For Work In Restricted Working Space, Add	*143.95*	
23 31 13 13-0828	LF	80" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	560.77	291.44
		For 3" WG (Class B), Add	*72.86*	
		For 4" Or 6" WG (Class A), Add	*155.43*	
		For 10" WG (Class A), Add	*223.44*	
		For Work In Restricted Working Space, Add	*145.72*	
23 31 13 13-0829	LF	82" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	560.77	291.44
		For 3" WG (Class B), Add	*72.86*	
		For 4" Or 6" WG (Class A), Add	*155.43*	
		For 10" WG (Class A), Add	*223.44*	
		For Work In Restricted Working Space, Add	*145.72*	
23 31 13 13-0830	LF	82" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	567.61	295.00
		For 3" WG (Class B), Add	*73.75*	
		For 4" Or 6" WG (Class A), Add	*157.33*	
		For 10" WG (Class A), Add	*226.17*	
		For Work In Restricted Working Space, Add	*147.50*	
23 31 13 13-0831	LF	84" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	574.45	298.55
		For 3" WG (Class B), Add	*74.64*	
		For 4" Or 6" WG (Class A), Add	*159.23*	
		For 10" WG (Class A), Add	*228.89*	
		For Work In Restricted Working Space, Add	*149.28*	

23 31 13 13-0832 18 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0833	LF	4" x 4", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	35.62	18.50
		For 3" WG (Class B), Add	*4.63*	
		For 4" Or 6" WG (Class A), Add	*9.87*	
		For 10" WG (Class A), Add	*14.19*	
		For Work In Restricted Working Space, Add	*9.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0834	LF	4" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	44.52	23.14
		For 3" WG (Class B), Add	*5.78*	
		For 4" Or 6" WG (Class A), Add	*12.34*	
		For 10" WG (Class A), Add	*17.74*	
		For Work In Restricted Working Space, Add	*11.57*	
23 31 13 13-0835	LF	4" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	53.41	27.77
		For 3" WG (Class B), Add	*6.94*	
		For 4" Or 6" WG (Class A), Add	*14.81*	
		For 10" WG (Class A), Add	*21.28*	
		For Work In Restricted Working Space, Add	*13.88*	
23 31 13 13-0836	LF	4" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	62.32	32.39
		For 3" WG (Class B), Add	*8.10*	
		For 4" Or 6" WG (Class A), Add	*17.28*	
		For 10" WG (Class A), Add	*24.84*	
		For Work In Restricted Working Space, Add	*16.20*	
23 31 13 13-0837	LF	4" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	71.24	37.02
		For 3" WG (Class B), Add	*9.26*	
		For 4" Or 6" WG (Class A), Add	*19.74*	
		For 10" WG (Class A), Add	*28.38*	
		For Work In Restricted Working Space, Add	*18.51*	
23 31 13 13-0838	LF	4" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	80.12	41.65
		For 3" WG (Class B), Add	*10.41*	
		For 4" Or 6" WG (Class A), Add	*22.21*	
		For 10" WG (Class A), Add	*31.92*	
		For Work In Restricted Working Space, Add	*20.82*	
23 31 13 13-0839	LF	4" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	89.03	46.27
		For 3" WG (Class B), Add	*11.57*	
		For 4" Or 6" WG (Class A), Add	*24.68*	
		For 10" WG (Class A), Add	*35.48*	
		For Work In Restricted Working Space, Add	*23.14*	
23 31 13 13-0840	LF	6" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	53.41	27.77
		For 3" WG (Class B), Add	*6.94*	
		For 4" Or 6" WG (Class A), Add	*14.81*	
		For 10" WG (Class A), Add	*21.28*	
		For Work In Restricted Working Space, Add	*13.88*	
23 31 13 13-0841	LF	6" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	62.32	32.39
		For 3" WG (Class B), Add	*8.10*	
		For 4" Or 6" WG (Class A), Add	*17.28*	
		For 10" WG (Class A), Add	*24.84*	
		For Work In Restricted Working Space, Add	*16.20*	
23 31 13 13-0842	LF	6" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	71.24	37.02
		For 3" WG (Class B), Add	*9.26*	
		For 4" Or 6" WG (Class A), Add	*19.74*	
		For 10" WG (Class A), Add	*28.38*	
		For Work In Restricted Working Space, Add	*18.51*	
23 31 13 13-0843	LF	6" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	80.12	41.65
		For 3" WG (Class B), Add	*10.41*	
		For 4" Or 6" WG (Class A), Add	*22.21*	
		For 10" WG (Class A), Add	*31.92*	
		For Work In Restricted Working Space, Add	*20.82*	
23 31 13 13-0844	LF	6" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	89.03	46.27
		For 3" WG (Class B), Add	*11.57*	
		For 4" Or 6" WG (Class A), Add	*24.68*	
		For 10" WG (Class A), Add	*35.48*	
		For Work In Restricted Working Space, Add	*23.14*	
23 31 13 13-0845	LF	6" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	97.94	50.90
		For 3" WG (Class B), Add	*12.73*	
		For 4" Or 6" WG (Class A), Add	*27.15*	
		For 10" WG (Class A), Add	*39.03*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0846	LF	8" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	71.24	37.02
		For 3" WG (Class B), Add	*9.26*	
		For 4" Or 6" WG (Class A), Add	*19.74*	
		For 10" WG (Class A), Add	*28.38*	
		For Work In Restricted Working Space, Add	*18.51*	
23 31 13 13-0847	LF	8" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	80.12	41.65
		For 3" WG (Class B), Add	*10.41*	
		For 4" Or 6" WG (Class A), Add	*22.21*	
		For 10" WG (Class A), Add	*31.92*	
		For Work In Restricted Working Space, Add	*20.82*	
23 31 13 13-0848	LF	8" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	89.03	46.27
		For 3" WG (Class B), Add	*11.57*	
		For 4" Or 6" WG (Class A), Add	*24.68*	
		For 10" WG (Class A), Add	*35.48*	
		For Work In Restricted Working Space, Add	*23.14*	
23 31 13 13-0849	LF	8" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	97.94	50.90
		For 3" WG (Class B), Add	*12.73*	
		For 4" Or 6" WG (Class A), Add	*27.15*	
		For 10" WG (Class A), Add	*39.03*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0850	LF	8" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	106.84	55.53
		For 3" WG (Class B), Add	*13.88*	
		For 4" Or 6" WG (Class A), Add	*29.62*	
		For 10" WG (Class A), Add	*42.57*	
		For Work In Restricted Working Space, Add	*27.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0851	LF	8" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	115.75	60.15
		For 3" WG (Class B), Add	*15.04*	
		For 4" Or 6" WG (Class A), Add	*32.08*	
		For 10" WG (Class A), Add	*46.12*	
		For Work In Restricted Working Space, Add	*30.08*	
23 31 13 13-0852	LF	8" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.65	64.78
		For 3" WG (Class B), Add	*16.20*	
		For 4" Or 6" WG (Class A), Add	*34.55*	
		For 10" WG (Class A), Add	*49.67*	
		For Work In Restricted Working Space, Add	*32.39*	
23 31 13 13-0853	LF	8" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.55	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.02*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0854	LF	8" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.45	74.04
		For 3" WG (Class B), Add	*18.51*	
		For 4" Or 6" WG (Class A), Add	*39.48*	
		For 10" WG (Class A), Add	*56.76*	
		For Work In Restricted Working Space, Add	*37.02*	
23 31 13 13-0855	LF	10" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	89.03	46.27
		For 3" WG (Class B), Add	*11.57*	
		For 4" Or 6" WG (Class A), Add	*24.68*	
		For 10" WG (Class A), Add	*35.48*	
		For Work In Restricted Working Space, Add	*23.14*	
23 31 13 13-0856	LF	10" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	97.94	50.90
		For 3" WG (Class B), Add	*12.73*	
		For 4" Or 6" WG (Class A), Add	*27.15*	
		For 10" WG (Class A), Add	*39.03*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0857	LF	10" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	106.84	55.53
		For 3" WG (Class B), Add	*13.88*	
		For 4" Or 6" WG (Class A), Add	*29.62*	
		For 10" WG (Class A), Add	*42.57*	
		For Work In Restricted Working Space, Add	*27.77*	
23 31 13 13-0858	LF	10" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	115.75	60.15
		For 3" WG (Class B), Add	*15.04*	
		For 4" Or 6" WG (Class A), Add	*32.08*	
		For 10" WG (Class A), Add	*46.12*	
		For Work In Restricted Working Space, Add	*30.08*	
23 31 13 13-0859	LF	10" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.65	64.78
		For 3" WG (Class B), Add	*16.20*	
		For 4" Or 6" WG (Class A), Add	*34.55*	
		For 10" WG (Class A), Add	*49.67*	
		For Work In Restricted Working Space, Add	*32.39*	
23 31 13 13-0860	LF	10" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.55	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.02*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0861	LF	10" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.45	74.04
		For 3" WG (Class B), Add	*18.51*	
		For 4" Or 6" WG (Class A), Add	*39.48*	
		For 10" WG (Class A), Add	*56.76*	
		For Work In Restricted Working Space, Add	*37.02*	
23 31 13 13-0862	LF	10" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.35	78.67
		For 3" WG (Class B), Add	*19.67*	
		For 4" Or 6" WG (Class A), Add	*41.96*	
		For 10" WG (Class A), Add	*60.31*	
		For Work In Restricted Working Space, Add	*39.33*	
23 31 13 13-0863	LF	10" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	160.27	83.29
		For 3" WG (Class B), Add	*20.82*	
		For 4" Or 6" WG (Class A), Add	*44.42*	
		For 10" WG (Class A), Add	*63.86*	
		For Work In Restricted Working Space, Add	*41.65*	
23 31 13 13-0864	LF	10" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	169.18	87.93
		For 3" WG (Class B), Add	*21.98*	
		For 4" Or 6" WG (Class A), Add	*46.89*	
		For 10" WG (Class A), Add	*67.41*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0865	LF	10" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0866	LF	10" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0867	LF	12" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	106.84	55.53
		For 3" WG (Class B), Add	*13.88*	
		For 4" Or 6" WG (Class A), Add	*29.62*	
		For 10" WG (Class A), Add	*42.57*	
		For Work In Restricted Working Space, Add	*27.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0868	LF	12" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	115.75	60.15
		For 3" WG (Class B), Add	*15.04*	
		For 4" Or 6" WG (Class A), Add	*32.08*	
		For 10" WG (Class A), Add	*46.12*	
		For Work In Restricted Working Space, Add	*30.08*	
23 31 13 13-0869	LF	12" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.65	64.78
		For 3" WG (Class B), Add	*16.20*	
		For 4" Or 6" WG (Class A), Add	*34.55*	
		For 10" WG (Class A), Add	*49.67*	
		For Work In Restricted Working Space, Add	*32.39*	
23 31 13 13-0870	LF	12" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.55	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.02*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0871	LF	12" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.45	74.04
		For 3" WG (Class B), Add	*18.51*	
		For 4" Or 6" WG (Class A), Add	*39.48*	
		For 10" WG (Class A), Add	*56.76*	
		For Work In Restricted Working Space, Add	*37.02*	
23 31 13 13-0872	LF	12" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.35	78.67
		For 3" WG (Class B), Add	*19.67*	
		For 4" Or 6" WG (Class A), Add	*41.96*	
		For 10" WG (Class A), Add	*60.31*	
		For Work In Restricted Working Space, Add	*39.33*	
23 31 13 13-0873	LF	12" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	160.27	83.29
		For 3" WG (Class B), Add	*20.82*	
		For 4" Or 6" WG (Class A), Add	*44.42*	
		For 10" WG (Class A), Add	*63.86*	
		For Work In Restricted Working Space, Add	*41.65*	
23 31 13 13-0874	LF	12" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	169.18	87.93
		For 3" WG (Class B), Add	*21.98*	
		For 4" Or 6" WG (Class A), Add	*46.89*	
		For 10" WG (Class A), Add	*67.41*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0875	LF	12" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0876	LF	12" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0877	LF	12" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0878	LF	12" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0879	LF	12" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0880	LF	14" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	124.65	64.78
		For 3" WG (Class B), Add	*16.20*	
		For 4" Or 6" WG (Class A), Add	*34.55*	
		For 10" WG (Class A), Add	*49.67*	
		For Work In Restricted Working Space, Add	*32.39*	
23 31 13 13-0881	LF	14" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	133.55	69.40
		For 3" WG (Class B), Add	*17.35*	
		For 4" Or 6" WG (Class A), Add	*37.02*	
		For 10" WG (Class A), Add	*53.21*	
		For Work In Restricted Working Space, Add	*34.70*	
23 31 13 13-0882	LF	14" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.45	74.04
		For 3" WG (Class B), Add	*18.51*	
		For 4" Or 6" WG (Class A), Add	*39.48*	
		For 10" WG (Class A), Add	*56.76*	
		For Work In Restricted Working Space, Add	*37.02*	
23 31 13 13-0883	LF	14" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.35	78.67
		For 3" WG (Class B), Add	*19.67*	
		For 4" Or 6" WG (Class A), Add	*41.96*	
		For 10" WG (Class A), Add	*60.31*	
		For Work In Restricted Working Space, Add	*39.33*	
23 31 13 13-0884	LF	14" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	160.27	83.29
		For 3" WG (Class B), Add	*20.82*	
		For 4" Or 6" WG (Class A), Add	*44.42*	
		For 10" WG (Class A), Add	*63.86*	
		For Work In Restricted Working Space, Add	*41.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0885	LF	14" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	169.18	87.93
		For 3" WG (Class B), Add	*21.98*	
		For 4" Or 6" WG (Class A), Add	*46.89*	
		For 10" WG (Class A), Add	*67.41*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0886	LF	14" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0887	LF	14" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0888	LF	14" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0889	LF	14" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0890	LF	14" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0891	LF	14" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	
23 31 13 13-0892	LF	16" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.45	74.04
		For 3" WG (Class B), Add	*18.51*	
		For 4" Or 6" WG (Class A), Add	*39.48*	
		For 10" WG (Class A), Add	*56.76*	
		For Work In Restricted Working Space, Add	*37.02*	
23 31 13 13-0893	LF	16" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.35	78.67
		For 3" WG (Class B), Add	*19.67*	
		For 4" Or 6" WG (Class A), Add	*41.96*	
		For 10" WG (Class A), Add	*60.31*	
		For Work In Restricted Working Space, Add	*39.33*	
23 31 13 13-0894	LF	16" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	160.27	83.29
		For 3" WG (Class B), Add	*20.82*	
		For 4" Or 6" WG (Class A), Add	*44.42*	
		For 10" WG (Class A), Add	*63.86*	
		For Work In Restricted Working Space, Add	*41.65*	
23 31 13 13-0895	LF	16" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	169.18	87.93
		For 3" WG (Class B), Add	*21.98*	
		For 4" Or 6" WG (Class A), Add	*46.89*	
		For 10" WG (Class A), Add	*67.41*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0896	LF	16" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0897	LF	16" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0898	LF	16" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0899	LF	16" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0900	LF	16" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0901	LF	16" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0902	LF	16" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0903	LF	16" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0904	LF	16" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0905	LF	16" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0906	LF	16" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0907	LF	18" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	160.27	83.29
		For 3" WG (Class B), Add	*20.82*	
		For 4" Or 6" WG (Class A), Add	*44.42*	
		For 10" WG (Class A), Add	*63.86*	
		For Work In Restricted Working Space, Add	*41.65*	
23 31 13 13-0908	LF	18" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	169.18	87.93
		For 3" WG (Class B), Add	*21.98*	
		For 4" Or 6" WG (Class A), Add	*46.89*	
		For 10" WG (Class A), Add	*67.41*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0909	LF	18" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0910	LF	18" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0911	LF	18" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0912	LF	18" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0913	LF	18" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0914	LF	18" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	
23 31 13 13-0915	LF	18" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0916	LF	18" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0917	LF	18" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0918	LF	18" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0919	LF	18" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0920	LF	18" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0921	LF	18" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0922	LF	20" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	178.08	92.55
		For 3" WG (Class B), Add	*23.14*	
		For 4" Or 6" WG (Class A), Add	*49.36*	
		For 10" WG (Class A), Add	*70.96*	
		For Work In Restricted Working Space, Add	*46.28*	
23 31 13 13-0923	LF	20" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.96	97.17
		For 3" WG (Class B), Add	*24.29*	
		For 4" Or 6" WG (Class A), Add	*51.82*	
		For 10" WG (Class A), Add	*74.50*	
		For Work In Restricted Working Space, Add	*48.59*	
23 31 13 13-0924	LF	20" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0925	LF	20" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0926	LF	20" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0927	LF	20" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	
23 31 13 13-0928	LF	20" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0929	LF	20" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0930	LF	20" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0931	LF	20" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0932	LF	20" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0933	LF	20" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0934	LF	20" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0935	LF	20" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0936	LF	20" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0937	LF	22" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	195.86	101.80
		For 3" WG (Class B), Add	*25.45*	
		For 4" Or 6" WG (Class A), Add	*54.29*	
		For 10" WG (Class A), Add	*78.04*	
		For Work In Restricted Working Space, Add	*50.90*	
23 31 13 13-0938	LF	22" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	204.79	106.43
		For 3" WG (Class B), Add	*26.61*	
		For 4" Or 6" WG (Class A), Add	*56.76*	
		For 10" WG (Class A), Add	*81.59*	
		For Work In Restricted Working Space, Add	*53.21*	
23 31 13 13-0939	LF	22" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0940	LF	22" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	
23 31 13 13-0941	LF	22" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0942	LF	22" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0943	LF	22" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0944	LF	22" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0945	LF	22" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0946	LF	22" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0947	LF	22" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0948	LF	22" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0949	LF	22" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0950	LF	22" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-0951	LF	24" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	213.69	111.05
		For 3" WG (Class B), Add	*27.77*	
		For 4" Or 6" WG (Class A), Add	*59.23*	
		For 10" WG (Class A), Add	*85.15*	
		For Work In Restricted Working Space, Add	*55.53*	
23 31 13 13-0952	LF	24" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	222.59	115.68
		For 3" WG (Class B), Add	*28.92*	
		For 4" Or 6" WG (Class A), Add	*61.70*	
		For 10" WG (Class A), Add	*88.69*	
		For Work In Restricted Working Space, Add	*57.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0953	LF	24" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0954	LF	24" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0955	LF	24" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0956	LF	24" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0957	LF	24" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0958	LF	24" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0959	LF	24" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0960	LF	24" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0961	LF	24" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0962	LF	24" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-0963	LF	24" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0964	LF	26" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	231.48	120.31
		For 3" WG (Class B), Add	*30.08*	
		For 4" Or 6" WG (Class A), Add	*64.16*	
		For 10" WG (Class A), Add	*92.23*	
		For Work In Restricted Working Space, Add	*60.15*	
23 31 13 13-0965	LF	26" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.39	124.93
		For 3" WG (Class B), Add	*31.23*	
		For 4" Or 6" WG (Class A), Add	*66.63*	
		For 10" WG (Class A), Add	*95.79*	
		For Work In Restricted Working Space, Add	*62.47*	
23 31 13 13-0966	LF	26" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0967	LF	26" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0968	LF	26" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0969	LF	26" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0970	LF	26" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0971	LF	26" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0972	LF	26" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0973	LF	26" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-0974	LF	26" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0975	LF	26" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-0976	LF	28" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.30	129.57
		For 3" WG (Class B), Add	*32.39*	
		For 4" Or 6" WG (Class A), Add	*69.10*	
		For 10" WG (Class A), Add	*99.33*	
		For Work In Restricted Working Space, Add	*64.78*	
23 31 13 13-0977	LF	28" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	258.20	134.20
		For 3" WG (Class B), Add	*33.55*	
		For 4" Or 6" WG (Class A), Add	*71.57*	
		For 10" WG (Class A), Add	*102.88*	
		For Work In Restricted Working Space, Add	*67.10*	
23 31 13 13-0978	LF	28" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0979	LF	28" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0980	LF	28" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0981	LF	28" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0982	LF	28" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0983	LF	28" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-0984	LF	28" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0985	LF	28" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-0986	LF	28" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0987	LF	30" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	267.11	138.82
		For 3" WG (Class B), Add	*34.71*	
		For 4" Or 6" WG (Class A), Add	*74.04*	
		For 10" WG (Class A), Add	*106.43*	
		For Work In Restricted Working Space, Add	*69.41*	
23 31 13 13-0988	LF	30" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	276.02	143.45
		For 3" WG (Class B), Add	*35.86*	
		For 4" Or 6" WG (Class A), Add	*76.51*	
		For 10" WG (Class A), Add	*109.98*	
		For Work In Restricted Working Space, Add	*71.73*	
23 31 13 13-0989	LF	30" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0990	LF	30" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0991	LF	30" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-0992	LF	30" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-0993	LF	30" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0994	LF	30" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-0995	LF	30" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0996	LF	30" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	347.23	180.47
		For 3" WG (Class B), Add	*45.12*	
		For 4" Or 6" WG (Class A), Add	*96.25*	
		For 10" WG (Class A), Add	*138.35*	
		For Work In Restricted Working Space, Add	*90.23*	
23 31 13 13-0997	LF	32" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.92	148.07
		For 3" WG (Class B), Add	*37.02*	
		For 4" Or 6" WG (Class A), Add	*78.97*	
		For 10" WG (Class A), Add	*113.52*	
		For Work In Restricted Working Space, Add	*74.04*	
23 31 13 13-0998	LF	32" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	293.82	152.70
		For 3" WG (Class B), Add	*38.18*	
		For 4" Or 6" WG (Class A), Add	*81.44*	
		For 10" WG (Class A), Add	*117.07*	
		For Work In Restricted Working Space, Add	*76.35*	
23 31 13 13-0999	LF	32" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-1000	LF	32" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-1001	LF	32" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-1002	LF	32" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-1003	LF	32" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1004	LF	32" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	347.23	180.47
		For 3" WG (Class B), Add	*45.12*	
		For 4" Or 6" WG (Class A), Add	*96.25*	
		For 10" WG (Class A), Add	*138.35*	
		For Work In Restricted Working Space, Add	*90.23*	
23 31 13 13-1005	LF	32" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	356.14	185.10
		For 3" WG (Class B), Add	*46.27*	
		For 4" Or 6" WG (Class A), Add	*98.72*	
		For 10" WG (Class A), Add	*141.91*	
		For Work In Restricted Working Space, Add	*92.55*	
23 31 13 13-1006	LF	34" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	302.72	157.33
		For 3" WG (Class B), Add	*39.33*	
		For 4" Or 6" WG (Class A), Add	*83.91*	
		For 10" WG (Class A), Add	*120.62*	
		For Work In Restricted Working Space, Add	*78.66*	
23 31 13 13-1007	LF	34" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	311.62	161.95
		For 3" WG (Class B), Add	*40.49*	
		For 4" Or 6" WG (Class A), Add	*86.38*	
		For 10" WG (Class A), Add	*124.17*	
		For Work In Restricted Working Space, Add	*80.98*	
23 31 13 13-1008	LF	34" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-1009	LF	34" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-1010	LF	34" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-1011	LF	34" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	347.23	180.47
		For 3" WG (Class B), Add	*45.12*	
		For 4" Or 6" WG (Class A), Add	*96.25*	
		For 10" WG (Class A), Add	*138.35*	
		For Work In Restricted Working Space, Add	*90.23*	
23 31 13 13-1012	LF	34" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	356.14	185.10
		For 3" WG (Class B), Add	*46.27*	
		For 4" Or 6" WG (Class A), Add	*98.72*	
		For 10" WG (Class A), Add	*141.91*	
		For Work In Restricted Working Space, Add	*92.55*	
23 31 13 13-1013	LF	34" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	365.04	189.72
		For 3" WG (Class B), Add	*47.43*	
		For 4" Or 6" WG (Class A), Add	*101.18*	
		For 10" WG (Class A), Add	*145.45*	
		For Work In Restricted Working Space, Add	*94.86*	
23 31 13 13-1014	LF	36" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	320.52	166.58
		For 3" WG (Class B), Add	*41.65*	
		For 4" Or 6" WG (Class A), Add	*88.84*	
		For 10" WG (Class A), Add	*127.71*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-1015	LF	36" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	329.45	171.21
		For 3" WG (Class B), Add	*42.80*	
		For 4" Or 6" WG (Class A), Add	*91.32*	
		For 10" WG (Class A), Add	*131.27*	
		For Work In Restricted Working Space, Add	*85.61*	
23 31 13 13-1016	LF	36" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-1017	LF	36" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	347.23	180.47
		For 3" WG (Class B), Add	*45.12*	
		For 4" Or 6" WG (Class A), Add	*96.25*	
		For 10" WG (Class A), Add	*138.35*	
		For Work In Restricted Working Space, Add	*90.23*	
23 31 13 13-1018	LF	36" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	356.14	185.10
		For 3" WG (Class B), Add	*46.27*	
		For 4" Or 6" WG (Class A), Add	*98.72*	
		For 10" WG (Class A), Add	*141.91*	
		For Work In Restricted Working Space, Add	*92.55*	
23 31 13 13-1019	LF	36" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	365.04	189.72
		For 3" WG (Class B), Add	*47.43*	
		For 4" Or 6" WG (Class A), Add	*101.18*	
		For 10" WG (Class A), Add	*145.45*	
		For Work In Restricted Working Space, Add	*94.86*	
23 31 13 13-1020	LF	36" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	373.95	194.35
		For 3" WG (Class B), Add	*48.59*	
		For 4" Or 6" WG (Class A), Add	*103.65*	
		For 10" WG (Class A), Add	*149.00*	
		For Work In Restricted Working Space, Add	*97.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1021	LF	38" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.33	175.83
		For 3" WG (Class B), Add	*43.96*	
		For 4" Or 6" WG (Class A), Add	*93.78*	
		For 10" WG (Class A), Add	*134.81*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-1022	LF	38" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	347.23	180.47
		For 3" WG (Class B), Add	*45.12*	
		For 4" Or 6" WG (Class A), Add	*96.25*	
		For 10" WG (Class A), Add	*138.35*	
		For Work In Restricted Working Space, Add	*90.23*	
23 31 13 13-1023	LF	38" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	356.14	185.10
		For 3" WG (Class B), Add	*46.27*	
		For 4" Or 6" WG (Class A), Add	*98.72*	
		For 10" WG (Class A), Add	*141.91*	
		For Work In Restricted Working Space, Add	*92.55*	
23 31 13 13-1024	LF	38" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	365.04	189.72
		For 3" WG (Class B), Add	*47.43*	
		For 4" Or 6" WG (Class A), Add	*101.18*	
		For 10" WG (Class A), Add	*145.45*	
		For Work In Restricted Working Space, Add	*94.86*	
23 31 13 13-1025	LF	38" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	373.95	194.35
		For 3" WG (Class B), Add	*48.59*	
		For 4" Or 6" WG (Class A), Add	*103.65*	
		For 10" WG (Class A), Add	*149.00*	
		For Work In Restricted Working Space, Add	*97.17*	
23 31 13 13-1026	LF	38" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.85	198.98
		For 3" WG (Class B), Add	*49.74*	
		For 4" Or 6" WG (Class A), Add	*106.12*	
		For 10" WG (Class A), Add	*152.55*	
		For Work In Restricted Working Space, Add	*99.49*	
23 31 13 13-1027	LF	38" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	391.76	203.60
		For 3" WG (Class B), Add	*50.90*	
		For 4" Or 6" WG (Class A), Add	*108.59*	
		For 10" WG (Class A), Add	*156.10*	
		For Work In Restricted Working Space, Add	*101.80*	
23 31 13 13-1028	LF	40" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	356.14	185.10
		For 3" WG (Class B), Add	*46.27*	
		For 4" Or 6" WG (Class A), Add	*98.72*	
		For 10" WG (Class A), Add	*141.91*	
		For Work In Restricted Working Space, Add	*92.55*	
23 31 13 13-1029	LF	40" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	365.04	189.72
		For 3" WG (Class B), Add	*47.43*	
		For 4" Or 6" WG (Class A), Add	*101.18*	
		For 10" WG (Class A), Add	*145.45*	
		For Work In Restricted Working Space, Add	*94.86*	
23 31 13 13-1030	LF	40" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	373.95	194.35
		For 3" WG (Class B), Add	*48.59*	
		For 4" Or 6" WG (Class A), Add	*103.65*	
		For 10" WG (Class A), Add	*149.00*	
		For Work In Restricted Working Space, Add	*97.17*	
23 31 13 13-1031	LF	40" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.85	198.98
		For 3" WG (Class B), Add	*49.74*	
		For 4" Or 6" WG (Class A), Add	*106.12*	
		For 10" WG (Class A), Add	*152.55*	
		For Work In Restricted Working Space, Add	*99.49*	
23 31 13 13-1032	LF	40" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	391.76	203.60
		For 3" WG (Class B), Add	*50.90*	
		For 4" Or 6" WG (Class A), Add	*108.59*	
		For 10" WG (Class A), Add	*156.10*	
		For Work In Restricted Working Space, Add	*101.80*	
23 31 13 13-1033	LF	40" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	400.66	208.23
		For 3" WG (Class B), Add	*52.06*	
		For 4" Or 6" WG (Class A), Add	*111.06*	
		For 10" WG (Class A), Add	*159.64*	
		For Work In Restricted Working Space, Add	*104.12*	
23 31 13 13-1034	LF	40" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	409.55	212.86
		For 3" WG (Class B), Add	*53.21*	
		For 4" Or 6" WG (Class A), Add	*113.52*	
		For 10" WG (Class A), Add	*163.19*	
		For Work In Restricted Working Space, Add	*106.43*	
23 31 13 13-1035	LF	40" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	418.47	217.48
		For 3" WG (Class B), Add	*54.37*	
		For 4" Or 6" WG (Class A), Add	*115.99*	
		For 10" WG (Class A), Add	*166.74*	
		For Work In Restricted Working Space, Add	*108.74*	
23 31 13 13-1036	LF	40" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	427.38	222.11
		For 3" WG (Class B), Add	*55.53*	
		For 4" Or 6" WG (Class A), Add	*118.46*	
		For 10" WG (Class A), Add	*170.29*	
		For Work In Restricted Working Space, Add	*111.06*	
23 31 13 13-1037	LF	42" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	373.95	194.35
		For 3" WG (Class B), Add	*48.59*	
		For 4" Or 6" WG (Class A), Add	*103.65*	
		For 10" WG (Class A), Add	*149.00*	
		For Work In Restricted Working Space, Add	*97.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1038	LF	42" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.85	198.98
		For 3" WG (Class B), Add	*49.74*	
		For 4" Or 6" WG (Class A), Add	*106.12*	
		For 10" WG (Class A), Add	*152.55*	
		For Work In Restricted Working Space, Add	*99.49*	
23 31 13 13-1039	LF	42" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	391.76	203.60
		For 3" WG (Class B), Add	*50.90*	
		For 4" Or 6" WG (Class A), Add	*108.59*	
		For 10" WG (Class A), Add	*156.10*	
		For Work In Restricted Working Space, Add	*101.80*	
23 31 13 13-1040	LF	42" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	400.66	208.23
		For 3" WG (Class B), Add	*52.06*	
		For 4" Or 6" WG (Class A), Add	*111.06*	
		For 10" WG (Class A), Add	*159.64*	
		For Work In Restricted Working Space, Add	*104.12*	
23 31 13 13-1041	LF	42" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	409.55	212.86
		For 3" WG (Class B), Add	*53.21*	
		For 4" Or 6" WG (Class A), Add	*113.52*	
		For 10" WG (Class A), Add	*163.19*	
		For Work In Restricted Working Space, Add	*106.43*	
23 31 13 13-1042	LF	42" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	418.47	217.48
		For 3" WG (Class B), Add	*54.37*	
		For 4" Or 6" WG (Class A), Add	*115.99*	
		For 10" WG (Class A), Add	*166.74*	
		For Work In Restricted Working Space, Add	*108.74*	
23 31 13 13-1043	LF	42" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	427.38	222.11
		For 3" WG (Class B), Add	*55.53*	
		For 4" Or 6" WG (Class A), Add	*118.46*	
		For 10" WG (Class A), Add	*170.29*	
		For Work In Restricted Working Space, Add	*111.06*	
23 31 13 13-1044	LF	42" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	436.27	226.74
		For 3" WG (Class B), Add	*56.68*	
		For 4" Or 6" WG (Class A), Add	*120.92*	
		For 10" WG (Class A), Add	*173.83*	
		For Work In Restricted Working Space, Add	*113.37*	
23 31 13 13-1045	LF	44" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	391.76	203.60
		For 3" WG (Class B), Add	*50.90*	
		For 4" Or 6" WG (Class A), Add	*108.59*	
		For 10" WG (Class A), Add	*156.10*	
		For Work In Restricted Working Space, Add	*101.80*	
23 31 13 13-1046	LF	44" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	400.66	208.23
		For 3" WG (Class B), Add	*52.06*	
		For 4" Or 6" WG (Class A), Add	*111.06*	
		For 10" WG (Class A), Add	*159.64*	
		For Work In Restricted Working Space, Add	*104.12*	
23 31 13 13-1047	LF	44" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	409.55	212.86
		For 3" WG (Class B), Add	*53.21*	
		For 4" Or 6" WG (Class A), Add	*113.52*	
		For 10" WG (Class A), Add	*163.19*	
		For Work In Restricted Working Space, Add	*106.43*	
23 31 13 13-1048	LF	44" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	418.47	217.48
		For 3" WG (Class B), Add	*54.37*	
		For 4" Or 6" WG (Class A), Add	*115.99*	
		For 10" WG (Class A), Add	*166.74*	
		For Work In Restricted Working Space, Add	*108.74*	
23 31 13 13-1049	LF	44" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	427.38	222.11
		For 3" WG (Class B), Add	*55.53*	
		For 4" Or 6" WG (Class A), Add	*118.46*	
		For 10" WG (Class A), Add	*170.29*	
		For Work In Restricted Working Space, Add	*111.06*	
23 31 13 13-1050	LF	44" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	436.27	226.74
		For 3" WG (Class B), Add	*56.68*	
		For 4" Or 6" WG (Class A), Add	*120.92*	
		For 10" WG (Class A), Add	*173.83*	
		For Work In Restricted Working Space, Add	*113.37*	
23 31 13 13-1051	LF	44" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	445.17	231.37
		For 3" WG (Class B), Add	*57.84*	
		For 4" Or 6" WG (Class A), Add	*123.40*	
		For 10" WG (Class A), Add	*177.38*	
		For Work In Restricted Working Space, Add	*115.68*	
23 31 13 13-1052	LF	46" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	409.55	212.86
		For 3" WG (Class B), Add	*53.21*	
		For 4" Or 6" WG (Class A), Add	*113.52*	
		For 10" WG (Class A), Add	*163.19*	
		For Work In Restricted Working Space, Add	*106.43*	
23 31 13 13-1053	LF	46" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	418.47	217.48
		For 3" WG (Class B), Add	*54.37*	
		For 4" Or 6" WG (Class A), Add	*115.99*	
		For 10" WG (Class A), Add	*166.74*	
		For Work In Restricted Working Space, Add	*108.74*	
23 31 13 13-1054	LF	46" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	427.38	222.11
		For 3" WG (Class B), Add	*55.53*	
		For 4" Or 6" WG (Class A), Add	*118.46*	
		For 10" WG (Class A), Add	*170.29*	
		For Work In Restricted Working Space, Add	*111.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1055	LF	46" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	436.27	226.74
		For 3" WG (Class B), Add	*56.68*	
		For 4" Or 6" WG (Class A), Add	*120.92*	
		For 10" WG (Class A), Add	*173.83*	
		For Work In Restricted Working Space, Add	*113.37*	
23 31 13 13-1056	LF	46" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	445.17	231.37
		For 3" WG (Class B), Add	*57.84*	
		For 4" Or 6" WG (Class A), Add	*123.40*	
		For 10" WG (Class A), Add	*177.38*	
		For Work In Restricted Working Space, Add	*115.68*	
23 31 13 13-1057	LF	46" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	461.79	240.62
		For 3" WG (Class B), Add	*60.16*	
		For 4" Or 6" WG (Class A), Add	*128.33*	
		For 10" WG (Class A), Add	*184.48*	
		For Work In Restricted Working Space, Add	*120.31*	
23 31 13 13-1058	LF	46" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	470.71	245.25
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.80*	
		For 10" WG (Class A), Add	*188.03*	
		For Work In Restricted Working Space, Add	*122.63*	
23 31 13 13-1059	LF	48" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	427.38	222.11
		For 3" WG (Class B), Add	*55.53*	
		For 4" Or 6" WG (Class A), Add	*118.46*	
		For 10" WG (Class A), Add	*170.29*	
		For Work In Restricted Working Space, Add	*111.06*	
23 31 13 13-1060	LF	48" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	436.27	226.74
		For 3" WG (Class B), Add	*56.68*	
		For 4" Or 6" WG (Class A), Add	*120.92*	
		For 10" WG (Class A), Add	*173.83*	
		For Work In Restricted Working Space, Add	*113.37*	
23 31 13 13-1061	LF	48" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	445.17	231.37
		For 3" WG (Class B), Add	*57.84*	
		For 4" Or 6" WG (Class A), Add	*123.40*	
		For 10" WG (Class A), Add	*177.38*	
		For Work In Restricted Working Space, Add	*115.68*	
23 31 13 13-1062	LF	48" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	454.07	236.00
		For 3" WG (Class B), Add	*59.00*	
		For 4" Or 6" WG (Class A), Add	*125.86*	
		For 10" WG (Class A), Add	*180.93*	
		For Work In Restricted Working Space, Add	*118.00*	
23 31 13 13-1063	LF	48" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	463.00	240.62
		For 3" WG (Class B), Add	*60.16*	
		For 4" Or 6" WG (Class A), Add	*128.33*	
		For 10" WG (Class A), Add	*184.48*	
		For Work In Restricted Working Space, Add	*120.31*	
23 31 13 13-1064	LF	48" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	471.89	245.25
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.80*	
		For 10" WG (Class A), Add	*188.03*	
		For Work In Restricted Working Space, Add	*122.63*	
23 31 13 13-1065	LF	48" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	480.79	249.88
		For 3" WG (Class B), Add	*62.47*	
		For 4" Or 6" WG (Class A), Add	*133.27*	
		For 10" WG (Class A), Add	*191.57*	
		For Work In Restricted Working Space, Add	*124.94*	
23 31 13 13-1066	LF	50" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	445.17	231.37
		For 3" WG (Class B), Add	*57.84*	
		For 4" Or 6" WG (Class A), Add	*123.40*	
		For 10" WG (Class A), Add	*177.38*	
		For Work In Restricted Working Space, Add	*115.68*	
23 31 13 13-1067	LF	50" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	454.07	236.00
		For 3" WG (Class B), Add	*59.00*	
		For 4" Or 6" WG (Class A), Add	*125.86*	
		For 10" WG (Class A), Add	*180.93*	
		For Work In Restricted Working Space, Add	*118.00*	
23 31 13 13-1068	LF	50" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	463.00	240.62
		For 3" WG (Class B), Add	*60.16*	
		For 4" Or 6" WG (Class A), Add	*128.33*	
		For 10" WG (Class A), Add	*184.48*	
		For Work In Restricted Working Space, Add	*120.31*	
23 31 13 13-1069	LF	50" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	471.89	245.25
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.80*	
		For 10" WG (Class A), Add	*188.03*	
		For Work In Restricted Working Space, Add	*122.63*	
23 31 13 13-1070	LF	50" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	480.79	249.88
		For 3" WG (Class B), Add	*62.47*	
		For 4" Or 6" WG (Class A), Add	*133.27*	
		For 10" WG (Class A), Add	*191.57*	
		For Work In Restricted Working Space, Add	*124.94*	
23 31 13 13-1071	LF	50" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	489.68	254.50
		For 3" WG (Class B), Add	*63.62*	
		For 4" Or 6" WG (Class A), Add	*135.73*	
		For 10" WG (Class A), Add	*195.11*	
		For Work In Restricted Working Space, Add	*127.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1072	LF	52" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	463.00	240.62
		For 3" WG (Class B), Add	*60.16*	
		For 4" Or 6" WG (Class A), Add	*128.33*	
		For 10" WG (Class A), Add	*184.48*	
		For Work In Restricted Working Space, Add	*120.31*	
23 31 13 13-1073	LF	52" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	471.89	245.25
		For 3" WG (Class B), Add	*61.31*	
		For 4" Or 6" WG (Class A), Add	*130.80*	
		For 10" WG (Class A), Add	*188.03*	
		For Work In Restricted Working Space, Add	*122.63*	
23 31 13 13-1074	LF	52" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	480.79	249.88
		For 3" WG (Class B), Add	*62.47*	
		For 4" Or 6" WG (Class A), Add	*133.27*	
		For 10" WG (Class A), Add	*191.57*	
		For Work In Restricted Working Space, Add	*124.94*	
23 31 13 13-1075	LF	52" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	489.68	254.50
		For 3" WG (Class B), Add	*63.62*	
		For 4" Or 6" WG (Class A), Add	*135.73*	
		For 10" WG (Class A), Add	*195.11*	
		For Work In Restricted Working Space, Add	*127.25*	
23 31 13 13-1076	LF	52" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	498.60	259.13
		For 3" WG (Class B), Add	*64.78*	
		For 4" Or 6" WG (Class A), Add	*138.20*	
		For 10" WG (Class A), Add	*198.67*	
		For Work In Restricted Working Space, Add	*129.57*	
23 31 13 13-1077	LF	54" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	480.79	249.88
		For 3" WG (Class B), Add	*62.47*	
		For 4" Or 6" WG (Class A), Add	*133.27*	
		For 10" WG (Class A), Add	*191.57*	
		For Work In Restricted Working Space, Add	*124.94*	
23 31 13 13-1078	LF	54" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	489.68	254.50
		For 3" WG (Class B), Add	*63.62*	
		For 4" Or 6" WG (Class A), Add	*135.73*	
		For 10" WG (Class A), Add	*195.11*	
		For Work In Restricted Working Space, Add	*127.25*	
23 31 13 13-1079	LF	54" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	498.60	259.13
		For 3" WG (Class B), Add	*64.78*	
		For 4" Or 6" WG (Class A), Add	*138.20*	
		For 10" WG (Class A), Add	*198.67*	
		For Work In Restricted Working Space, Add	*129.57*	
23 31 13 13-1080	LF	54" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	507.51	263.76
		For 3" WG (Class B), Add	*65.94*	
		For 4" Or 6" WG (Class A), Add	*140.67*	
		For 10" WG (Class A), Add	*202.22*	
		For Work In Restricted Working Space, Add	*131.88*	
23 31 13 13-1081	LF	54" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	516.41	268.38
		For 3" WG (Class B), Add	*67.10*	
		For 4" Or 6" WG (Class A), Add	*143.14*	
		For 10" WG (Class A), Add	*205.76*	
		For Work In Restricted Working Space, Add	*134.19*	
23 31 13 13-1082	LF	54" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	525.31	273.00
		For 3" WG (Class B), Add	*68.25*	
		For 4" Or 6" WG (Class A), Add	*145.61*	
		For 10" WG (Class A), Add	*209.31*	
		For Work In Restricted Working Space, Add	*136.51*	
23 31 13 13-1083	LF	56" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	498.60	259.13
		For 3" WG (Class B), Add	*64.78*	
		For 4" Or 6" WG (Class A), Add	*138.20*	
		For 10" WG (Class A), Add	*198.67*	
		For Work In Restricted Working Space, Add	*129.57*	
23 31 13 13-1084	LF	56" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	507.51	263.76
		For 3" WG (Class B), Add	*65.94*	
		For 4" Or 6" WG (Class A), Add	*140.67*	
		For 10" WG (Class A), Add	*202.22*	
		For Work In Restricted Working Space, Add	*131.88*	
23 31 13 13-1085	LF	56" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	516.41	268.38
		For 3" WG (Class B), Add	*67.10*	
		For 4" Or 6" WG (Class A), Add	*143.14*	
		For 10" WG (Class A), Add	*205.76*	
		For Work In Restricted Working Space, Add	*134.19*	
23 31 13 13-1086	LF	56" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	525.31	273.00
		For 3" WG (Class B), Add	*68.25*	
		For 4" Or 6" WG (Class A), Add	*145.61*	
		For 10" WG (Class A), Add	*209.31*	
		For Work In Restricted Working Space, Add	*136.51*	
23 31 13 13-1087	LF	56" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	534.22	277.64
		For 3" WG (Class B), Add	*69.41*	
		For 4" Or 6" WG (Class A), Add	*148.08*	
		For 10" WG (Class A), Add	*212.86*	
		For Work In Restricted Working Space, Add	*138.82*	
23 31 13 13-1088	LF	58" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	516.41	268.38
		For 3" WG (Class B), Add	*67.10*	
		For 4" Or 6" WG (Class A), Add	*143.14*	
		For 10" WG (Class A), Add	*205.76*	
		For Work In Restricted Working Space, Add	*134.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1089	LF	58" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	525.31	273.00
		For 3" WG (Class B), Add	*68.25*	
		For 4" Or 6" WG (Class A), Add	*145.61*	
		For 10" WG (Class A), Add	*209.31*	
		For Work In Restricted Working Space, Add	*136.51*	
23 31 13 13-1090	LF	58" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	534.22	277.64
		For 3" WG (Class B), Add	*69.41*	
		For 4" Or 6" WG (Class A), Add	*148.08*	
		For 10" WG (Class A), Add	*212.86*	
		For Work In Restricted Working Space, Add	*138.82*	
23 31 13 13-1091	LF	58" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	543.10	282.27
		For 3" WG (Class B), Add	*70.57*	
		For 4" Or 6" WG (Class A), Add	*150.54*	
		For 10" WG (Class A), Add	*216.40*	
		For Work In Restricted Working Space, Add	*141.13*	
23 31 13 13-1092	LF	58" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	552.02	286.89
		For 3" WG (Class B), Add	*71.72*	
		For 4" Or 6" WG (Class A), Add	*153.01*	
		For 10" WG (Class A), Add	*219.95*	
		For Work In Restricted Working Space, Add	*143.45*	
23 31 13 13-1093	LF	60" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	534.22	277.64
		For 3" WG (Class B), Add	*69.41*	
		For 4" Or 6" WG (Class A), Add	*148.08*	
		For 10" WG (Class A), Add	*212.86*	
		For Work In Restricted Working Space, Add	*138.82*	
23 31 13 13-1094	LF	60" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	543.10	282.27
		For 3" WG (Class B), Add	*70.57*	
		For 4" Or 6" WG (Class A), Add	*150.54*	
		For 10" WG (Class A), Add	*216.40*	
		For Work In Restricted Working Space, Add	*141.13*	
23 31 13 13-1095	LF	60" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	552.02	286.89
		For 3" WG (Class B), Add	*71.72*	
		For 4" Or 6" WG (Class A), Add	*153.01*	
		For 10" WG (Class A), Add	*219.95*	
		For Work In Restricted Working Space, Add	*143.45*	
23 31 13 13-1096	LF	60" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	560.93	291.53
		For 3" WG (Class B), Add	*72.88*	
		For 4" Or 6" WG (Class A), Add	*155.48*	
		For 10" WG (Class A), Add	*223.50*	
		For Work In Restricted Working Space, Add	*145.76*	
23 31 13 13-1097	LF	60" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	569.83	296.15
		For 3" WG (Class B), Add	*74.04*	
		For 4" Or 6" WG (Class A), Add	*157.95*	
		For 10" WG (Class A), Add	*227.05*	
		For Work In Restricted Working Space, Add	*148.08*	
23 31 13 13-1098	LF	62" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	552.02	286.89
		For 3" WG (Class B), Add	*71.72*	
		For 4" Or 6" WG (Class A), Add	*153.01*	
		For 10" WG (Class A), Add	*219.95*	
		For Work In Restricted Working Space, Add	*143.45*	
23 31 13 13-1099	LF	62" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	560.93	291.53
		For 3" WG (Class B), Add	*72.88*	
		For 4" Or 6" WG (Class A), Add	*155.48*	
		For 10" WG (Class A), Add	*223.50*	
		For Work In Restricted Working Space, Add	*145.76*	
23 31 13 13-1100	LF	62" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	569.83	296.15
		For 3" WG (Class B), Add	*74.04*	
		For 4" Or 6" WG (Class A), Add	*157.95*	
		For 10" WG (Class A), Add	*227.05*	
		For Work In Restricted Working Space, Add	*148.08*	
23 31 13 13-1101	LF	62" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	578.73	300.77
		For 3" WG (Class B), Add	*75.20*	
		For 4" Or 6" WG (Class A), Add	*160.42*	
		For 10" WG (Class A), Add	*230.60*	
		For Work In Restricted Working Space, Add	*150.39*	
23 31 13 13-1102	LF	62" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	587.62	305.40
		For 3" WG (Class B), Add	*76.35*	
		For 4" Or 6" WG (Class A), Add	*162.88*	
		For 10" WG (Class A), Add	*234.14*	
		For Work In Restricted Working Space, Add	*152.70*	
23 31 13 13-1103	LF	64" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	569.83	296.15
		For 3" WG (Class B), Add	*74.04*	
		For 4" Or 6" WG (Class A), Add	*157.95*	
		For 10" WG (Class A), Add	*227.05*	
		For Work In Restricted Working Space, Add	*148.08*	
23 31 13 13-1104	LF	64" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	578.73	300.77
		For 3" WG (Class B), Add	*75.20*	
		For 4" Or 6" WG (Class A), Add	*160.42*	
		For 10" WG (Class A), Add	*230.60*	
		For Work In Restricted Working Space, Add	*150.39*	
23 31 13 13-1105	LF	64" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	587.62	305.40
		For 3" WG (Class B), Add	*76.35*	
		For 4" Or 6" WG (Class A), Add	*162.88*	
		For 10" WG (Class A), Add	*234.14*	
		For Work In Restricted Working Space, Add	*152.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1106	LF	64" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	596.53	310.03
		For 3" WG (Class B), Add	*77.51*	
		For 4" Or 6" WG (Class A), Add	*165.35*	
		For 10" WG (Class A), Add	*237.69*	
		For Work In Restricted Working Space, Add	*155.01*	
23 31 13 13-1107	LF	66" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	587.62	305.40
		For 3" WG (Class B), Add	*76.35*	
		For 4" Or 6" WG (Class A), Add	*162.88*	
		For 10" WG (Class A), Add	*234.14*	
		For Work In Restricted Working Space, Add	*152.70*	
23 31 13 13-1108	LF	66" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	596.53	310.03
		For 3" WG (Class B), Add	*77.51*	
		For 4" Or 6" WG (Class A), Add	*165.35*	
		For 10" WG (Class A), Add	*237.69*	
		For Work In Restricted Working Space, Add	*155.01*	
23 31 13 13-1109	LF	66" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	605.44	314.66
		For 3" WG (Class B), Add	*78.66*	
		For 4" Or 6" WG (Class A), Add	*167.82*	
		For 10" WG (Class A), Add	*241.24*	
		For Work In Restricted Working Space, Add	*157.33*	
23 31 13 13-1110	LF	66" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	614.34	319.28
		For 3" WG (Class B), Add	*79.82*	
		For 4" Or 6" WG (Class A), Add	*170.28*	
		For 10" WG (Class A), Add	*244.78*	
		For Work In Restricted Working Space, Add	*159.64*	
23 31 13 13-1111	LF	68" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	605.44	314.66
		For 3" WG (Class B), Add	*78.66*	
		For 4" Or 6" WG (Class A), Add	*167.82*	
		For 10" WG (Class A), Add	*241.24*	
		For Work In Restricted Working Space, Add	*157.33*	
23 31 13 13-1112	LF	68" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	614.34	319.28
		For 3" WG (Class B), Add	*79.82*	
		For 4" Or 6" WG (Class A), Add	*170.28*	
		For 10" WG (Class A), Add	*244.78*	
		For Work In Restricted Working Space, Add	*159.64*	
23 31 13 13-1113	LF	68" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	623.25	323.91
		For 3" WG (Class B), Add	*80.98*	
		For 4" Or 6" WG (Class A), Add	*172.76*	
		For 10" WG (Class A), Add	*248.34*	
		For Work In Restricted Working Space, Add	*161.96*	
23 31 13 13-1114	LF	68" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	632.15	328.54
		For 3" WG (Class B), Add	*82.14*	
		For 4" Or 6" WG (Class A), Add	*175.22*	
		For 10" WG (Class A), Add	*251.88*	
		For Work In Restricted Working Space, Add	*164.27*	
23 31 13 13-1115	LF	70" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	623.25	323.91
		For 3" WG (Class B), Add	*80.98*	
		For 4" Or 6" WG (Class A), Add	*172.76*	
		For 10" WG (Class A), Add	*248.34*	
		For Work In Restricted Working Space, Add	*161.96*	
23 31 13 13-1116	LF	70" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	632.15	328.54
		For 3" WG (Class B), Add	*82.14*	
		For 4" Or 6" WG (Class A), Add	*175.22*	
		For 10" WG (Class A), Add	*251.88*	
		For Work In Restricted Working Space, Add	*164.27*	
23 31 13 13-1117	LF	70" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	641.06	333.17
		For 3" WG (Class B), Add	*83.29*	
		For 4" Or 6" WG (Class A), Add	*177.69*	
		For 10" WG (Class A), Add	*255.43*	
		For Work In Restricted Working Space, Add	*166.58*	
23 31 13 13-1118	LF	70" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	649.96	337.80
		For 3" WG (Class B), Add	*84.45*	
		For 4" Or 6" WG (Class A), Add	*180.16*	
		For 10" WG (Class A), Add	*258.98*	
		For Work In Restricted Working Space, Add	*168.90*	
23 31 13 13-1119	LF	70" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	658.86	342.43
		For 3" WG (Class B), Add	*85.61*	
		For 4" Or 6" WG (Class A), Add	*182.62*	
		For 10" WG (Class A), Add	*262.52*	
		For Work In Restricted Working Space, Add	*171.21*	
23 31 13 13-1120	LF	70" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	667.75	347.05
		For 3" WG (Class B), Add	*86.76*	
		For 4" Or 6" WG (Class A), Add	*185.09*	
		For 10" WG (Class A), Add	*266.07*	
		For Work In Restricted Working Space, Add	*173.52*	
23 31 13 13-1121	LF	70" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	676.66	351.67
		For 3" WG (Class B), Add	*87.92*	
		For 4" Or 6" WG (Class A), Add	*187.56*	
		For 10" WG (Class A), Add	*269.62*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1122	LF	70" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	685.59	356.31
		For 3" WG (Class B), Add	*89.08*	
		For 4" Or 6" WG (Class A), Add	*190.03*	
		For 10" WG (Class A), Add	*273.17*	
		For Work In Restricted Working Space, Add	*178.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1123	LF	70" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	694.47	360.93
		For 3" WG (Class B), Add	*90.23*	
		For 4" Or 6" WG (Class A), Add	*192.50*	
		For 10" WG (Class A), Add	*276.71*	
		For Work In Restricted Working Space, Add	*180.47*	
23 31 13 13-1124	LF	72" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	641.06	333.17
		For 3" WG (Class B), Add	*83.29*	
		For 4" Or 6" WG (Class A), Add	*177.69*	
		For 10" WG (Class A), Add	*255.43*	
		For Work In Restricted Working Space, Add	*166.58*	
23 31 13 13-1125	LF	72" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	649.96	337.80
		For 3" WG (Class B), Add	*84.45*	
		For 4" Or 6" WG (Class A), Add	*180.16*	
		For 10" WG (Class A), Add	*258.98*	
		For Work In Restricted Working Space, Add	*168.90*	
23 31 13 13-1126	LF	72" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	658.86	342.43
		For 3" WG (Class B), Add	*85.61*	
		For 4" Or 6" WG (Class A), Add	*182.62*	
		For 10" WG (Class A), Add	*262.52*	
		For Work In Restricted Working Space, Add	*171.21*	
23 31 13 13-1127	LF	72" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	667.75	347.05
		For 3" WG (Class B), Add	*86.76*	
		For 4" Or 6" WG (Class A), Add	*185.09*	
		For 10" WG (Class A), Add	*266.07*	
		For Work In Restricted Working Space, Add	*173.52*	
23 31 13 13-1128	LF	72" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	676.66	351.67
		For 3" WG (Class B), Add	*87.92*	
		For 4" Or 6" WG (Class A), Add	*187.56*	
		For 10" WG (Class A), Add	*269.62*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1129	LF	72" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	685.59	356.31
		For 3" WG (Class B), Add	*89.08*	
		For 4" Or 6" WG (Class A), Add	*190.03*	
		For 10" WG (Class A), Add	*273.17*	
		For Work In Restricted Working Space, Add	*178.16*	
23 31 13 13-1130	LF	72" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	694.47	360.93
		For 3" WG (Class B), Add	*90.23*	
		For 4" Or 6" WG (Class A), Add	*192.50*	
		For 10" WG (Class A), Add	*276.71*	
		For Work In Restricted Working Space, Add	*180.47*	
23 31 13 13-1131	LF	72" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	703.37	365.55
		For 3" WG (Class B), Add	*91.39*	
		For 4" Or 6" WG (Class A), Add	*194.96*	
		For 10" WG (Class A), Add	*280.26*	
		For Work In Restricted Working Space, Add	*182.78*	
23 31 13 13-1132	LF	74" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	658.86	342.43
		For 3" WG (Class B), Add	*85.61*	
		For 4" Or 6" WG (Class A), Add	*182.62*	
		For 10" WG (Class A), Add	*262.52*	
		For Work In Restricted Working Space, Add	*171.21*	
23 31 13 13-1133	LF	74" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	667.75	347.05
		For 3" WG (Class B), Add	*86.76*	
		For 4" Or 6" WG (Class A), Add	*185.09*	
		For 10" WG (Class A), Add	*266.07*	
		For Work In Restricted Working Space, Add	*173.52*	
23 31 13 13-1134	LF	74" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	676.66	351.67
		For 3" WG (Class B), Add	*87.92*	
		For 4" Or 6" WG (Class A), Add	*187.56*	
		For 10" WG (Class A), Add	*269.62*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1135	LF	74" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	685.59	356.31
		For 3" WG (Class B), Add	*89.08*	
		For 4" Or 6" WG (Class A), Add	*190.03*	
		For 10" WG (Class A), Add	*273.17*	
		For Work In Restricted Working Space, Add	*178.16*	
23 31 13 13-1136	LF	74" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	694.47	360.93
		For 3" WG (Class B), Add	*90.23*	
		For 4" Or 6" WG (Class A), Add	*192.50*	
		For 10" WG (Class A), Add	*276.71*	
		For Work In Restricted Working Space, Add	*180.47*	
23 31 13 13-1137	LF	74" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	703.37	365.55
		For 3" WG (Class B), Add	*91.39*	
		For 4" Or 6" WG (Class A), Add	*194.96*	
		For 10" WG (Class A), Add	*280.26*	
		For Work In Restricted Working Space, Add	*182.78*	
23 31 13 13-1138	LF	74" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	712.27	370.19
		For 3" WG (Class B), Add	*92.55*	
		For 4" Or 6" WG (Class A), Add	*197.43*	
		For 10" WG (Class A), Add	*283.81*	
		For Work In Restricted Working Space, Add	*185.09*	
23 31 13 13-1139	LF	76" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	676.66	351.67
		For 3" WG (Class B), Add	*87.92*	
		For 4" Or 6" WG (Class A), Add	*187.56*	
		For 10" WG (Class A), Add	*269.62*	
		For Work In Restricted Working Space, Add	*175.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1140	LF	76" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	685.59	356.31
		For 3" WG (Class B), Add	*89.08*	
		For 4" Or 6" WG (Class A), Add	*190.03*	
		For 10" WG (Class A), Add	*273.17*	
		For Work In Restricted Working Space, Add	*178.16*	
23 31 13 13-1141	LF	76" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	694.47	360.93
		For 3" WG (Class B), Add	*90.23*	
		For 4" Or 6" WG (Class A), Add	*192.50*	
		For 10" WG (Class A), Add	*276.71*	
		For Work In Restricted Working Space, Add	*180.47*	
23 31 13 13-1142	LF	76" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	703.37	365.55
		For 3" WG (Class B), Add	*91.39*	
		For 4" Or 6" WG (Class A), Add	*194.96*	
		For 10" WG (Class A), Add	*280.26*	
		For Work In Restricted Working Space, Add	*182.78*	
23 31 13 13-1143	LF	76" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	712.27	370.19
		For 3" WG (Class B), Add	*92.55*	
		For 4" Or 6" WG (Class A), Add	*197.43*	
		For 10" WG (Class A), Add	*283.81*	
		For Work In Restricted Working Space, Add	*185.09*	
23 31 13 13-1144	LF	76" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	721.18	374.81
		For 3" WG (Class B), Add	*93.70*	
		For 4" Or 6" WG (Class A), Add	*199.90*	
		For 10" WG (Class A), Add	*287.36*	
		For Work In Restricted Working Space, Add	*187.41*	
23 31 13 13-1145	LF	78" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	694.47	360.93
		For 3" WG (Class B), Add	*90.23*	
		For 4" Or 6" WG (Class A), Add	*192.50*	
		For 10" WG (Class A), Add	*276.71*	
		For Work In Restricted Working Space, Add	*180.47*	
23 31 13 13-1146	LF	78" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	703.37	365.55
		For 3" WG (Class B), Add	*91.39*	
		For 4" Or 6" WG (Class A), Add	*194.96*	
		For 10" WG (Class A), Add	*280.26*	
		For Work In Restricted Working Space, Add	*182.78*	
23 31 13 13-1147	LF	78" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	712.27	370.19
		For 3" WG (Class B), Add	*92.55*	
		For 4" Or 6" WG (Class A), Add	*197.43*	
		For 10" WG (Class A), Add	*283.81*	
		For Work In Restricted Working Space, Add	*185.09*	
23 31 13 13-1148	LF	78" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	721.18	374.81
		For 3" WG (Class B), Add	*93.70*	
		For 4" Or 6" WG (Class A), Add	*199.90*	
		For 10" WG (Class A), Add	*287.36*	
		For Work In Restricted Working Space, Add	*187.41*	
23 31 13 13-1149	LF	78" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	730.09	379.43
		For 3" WG (Class B), Add	*94.86*	
		For 4" Or 6" WG (Class A), Add	*202.37*	
		For 10" WG (Class A), Add	*290.90*	
		For Work In Restricted Working Space, Add	*189.72*	
23 31 13 13-1150	LF	80" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	712.27	370.19
		For 3" WG (Class B), Add	*92.55*	
		For 4" Or 6" WG (Class A), Add	*197.43*	
		For 10" WG (Class A), Add	*283.81*	
		For Work In Restricted Working Space, Add	*185.09*	
23 31 13 13-1151	LF	80" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	721.18	374.81
		For 3" WG (Class B), Add	*93.70*	
		For 4" Or 6" WG (Class A), Add	*199.90*	
		For 10" WG (Class A), Add	*287.36*	
		For Work In Restricted Working Space, Add	*187.41*	
23 31 13 13-1152	LF	80" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	730.09	379.43
		For 3" WG (Class B), Add	*94.86*	
		For 4" Or 6" WG (Class A), Add	*202.37*	
		For 10" WG (Class A), Add	*290.90*	
		For Work In Restricted Working Space, Add	*189.72*	
23 31 13 13-1153	LF	80" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	746.70	388.70
		For 3" WG (Class B), Add	*97.17*	
		For 4" Or 6" WG (Class A), Add	*207.30*	
		For 10" WG (Class A), Add	*298.00*	
		For Work In Restricted Working Space, Add	*194.35*	
23 31 13 13-1154	LF	82" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	730.09	379.43
		For 3" WG (Class B), Add	*94.86*	
		For 4" Or 6" WG (Class A), Add	*202.37*	
		For 10" WG (Class A), Add	*290.90*	
		For Work In Restricted Working Space, Add	*189.72*	
23 31 13 13-1155	LF	82" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	738.99	384.07
		For 3" WG (Class B), Add	*96.02*	
		For 4" Or 6" WG (Class A), Add	*204.84*	
		For 10" WG (Class A), Add	*294.45*	
		For Work In Restricted Working Space, Add	*192.03*	
23 31 13 13-1156	LF	82" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	747.89	388.70
		For 3" WG (Class B), Add	*97.17*	
		For 4" Or 6" WG (Class A), Add	*207.30*	
		For 10" WG (Class A), Add	*298.00*	
		For Work In Restricted Working Space, Add	*194.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1157	LF	84" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	747.89	388.70
		For 3" WG (Class B), Add	*97.17*	
		For 4" Or 6" WG (Class A), Add	*207.30*	
		For 10" WG (Class A), Add	*298.00*	
		For Work In Restricted Working Space, Add	*194.35*	
23 31 13 13-1158	LF	84" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	756.80	393.32
		For 3" WG (Class B), Add	*98.33*	
		For 4" Or 6" WG (Class A), Add	*209.77*	
		For 10" WG (Class A), Add	*301.55*	
		For Work In Restricted Working Space, Add	*196.66*	
23 31 13 13-1159	LF	86" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	765.69	397.95
		For 3" WG (Class B), Add	*99.49*	
		For 4" Or 6" WG (Class A), Add	*212.24*	
		For 10" WG (Class A), Add	*305.10*	
		For Work In Restricted Working Space, Add	*198.98*	

23 31 13 13-1160 Rework Sheet Metal Ductwork *(23 31 13 13)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 31 13 13-1161	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	27.38	
23 31 13 13-1162	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	53.38	
23 31 13 13-1163	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	70.54	
23 31 13 13-1164	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	88.33	
23 31 13 13-1165	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	123.19	
23 31 13 13-1166	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	143.72	
23 31 13 13-1167	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	164.26	
23 31 13 13-1168	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	184.79	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

23 31 13 16-0003	LF	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	5.62	2.26
		For 3" WG (Class B), Add	*0.69*	
		For 4" Or 6" WG (Class A), Add	*1.84*	
		For 28 Gauge, Deduct	*-0.14*	
		For 24 Gauge, Add	*0.14*	
		For 22 Gauge, Add	*0.28*	
		For 20 Gauge, Add	*0.42*	
		For 18 Gauge, Add	*0.56*	
		For 16 Gauge, Add	*0.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.75*	
		For Work In Restricted Working Space, Add	*1.38*	
		For Elevated Installation >10' To 15', Add	*0.46*	
		For Elevated Installation >15' To 20', Add	*0.92*	
		For Elevated Installation >20' To 25', Add	*1.15*	
		For Elevated Installation >25' To 30', Add	*1.61*	
		For Elevated Installation >30' To 35', Add	*1.84*	
		For Elevated Installation >35' To 40', Add	*2.31*	
		For Elevated Installation >40', Add	*2.54*	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	6.41	2.56
		For 3" WG (Class B), Add	*0.77*	
		For 4" Or 6" WG (Class A), Add	*2.05*	
		For 28 Gauge, Deduct	*-0.18*	
		For 24 Gauge, Add	*0.18*	
		For 22 Gauge, Add	*0.36*	
		For 20 Gauge, Add	*0.53*	
		For 18 Gauge, Add	*0.71*	
		For 16 Gauge, Add	*0.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.95*	
		For Work In Restricted Working Space, Add	*1.54*	
		For Elevated Installation >10' To 15', Add	*0.51*	
		For Elevated Installation >15' To 20', Add	*1.02*	
		For Elevated Installation >20' To 25', Add	*1.28*	
		For Elevated Installation >25' To 30', Add	*1.79*	
		For Elevated Installation >30' To 35', Add	*2.05*	
		For Elevated Installation >35' To 40', Add	*2.56*	
		For Elevated Installation >40', Add	*2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	7.24	3.07
		For 3" WG (Class B), Add	*0.87*	
		For 4" Or 6" WG (Class A), Add	*2.31*	
		For 28 Gauge, Deduct	*-0.20*	
		For 24 Gauge, Add	*0.20*	
		For 22 Gauge, Add	*0.40*	
		For 20 Gauge, Add	*0.61*	
		For 18 Gauge, Add	*0.81*	
		For 16 Gauge, Add	*0.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.09*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.15*	
		For Elevated Installation >20' To 25', Add	*1.44*	
		For Elevated Installation >25' To 30', Add	*2.02*	
		For Elevated Installation >30' To 35', Add	*2.31*	
		For Elevated Installation >35' To 40', Add	*2.89*	
		For Elevated Installation >40', Add	*3.17*	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	8.32	3.59
		For 3" WG (Class B), Add	*0.99*	
		For 4" Or 6" WG (Class A), Add	*2.63*	
		For 28 Gauge, Deduct	*-0.24*	
		For 24 Gauge, Add	*0.24*	
		For 22 Gauge, Add	*0.48*	
		For 20 Gauge, Add	*0.72*	
		For 18 Gauge, Add	*0.96*	
		For 16 Gauge, Add	*1.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.29*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.32*	
		For Elevated Installation >20' To 25', Add	*1.65*	
		For Elevated Installation >25' To 30', Add	*2.30*	
		For Elevated Installation >30' To 35', Add	*2.63*	
		For Elevated Installation >35' To 40', Add	*3.29*	
		For Elevated Installation >40', Add	*3.62*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	9.61	4.09
		For 3" WG (Class B), Add	*1.15*	
		For 4" Or 6" WG (Class A), Add	*3.07*	
		For 28 Gauge, Deduct	*-0.27*	
		For 24 Gauge, Add	*0.27*	
		For 22 Gauge, Add	*0.53*	
		For 20 Gauge, Add	*0.80*	
		For 18 Gauge, Add	*1.06*	
		For 16 Gauge, Add	*1.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.43*	
		For Work In Restricted Working Space, Add	*2.30*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.54*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.69*	
		For Elevated Installation >30' To 35', Add	*3.07*	
		For Elevated Installation >35' To 40', Add	*3.84*	
		For Elevated Installation >40', Add	*4.22*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	11.60	5.12
		For 3" WG (Class B), Add	*1.38*	
		For 4" Or 6" WG (Class A), Add	*3.69*	
		For 28 Gauge, Deduct	*-0.33*	
		For 24 Gauge, Add	*0.33*	
		For 22 Gauge, Add	*0.66*	
		For 20 Gauge, Add	*0.99*	
		For 18 Gauge, Add	*1.31*	
		For 16 Gauge, Add	*1.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.76*	
		For Work In Restricted Working Space, Add	*2.77*	
		For Elevated Installation >10' To 15', Add	*0.92*	
		For Elevated Installation >15' To 20', Add	*1.84*	
		For Elevated Installation >20' To 25', Add	*2.31*	
		For Elevated Installation >25' To 30', Add	*3.23*	
		For Elevated Installation >30' To 35', Add	*3.69*	
		For Elevated Installation >35' To 40', Add	*4.61*	
		For Elevated Installation >40', Add	*5.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	14.45	6.87
		For 3" WG (Class B), Add	*1.73*	
		For 4" Or 6" WG (Class A), Add	*4.61*	
		For 28 Gauge, Deduct	*-0.41*	
		For 24 Gauge, Add	*0.40*	
		For 22 Gauge, Add	*0.81*	
		For 20 Gauge, Add	*1.21*	
		For 18 Gauge, Add	*1.61*	
		For 16 Gauge, Add	*1.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.17*	
		For Work In Restricted Working Space, Add	*3.46*	
		For Elevated Installation >10' To 15', Add	*1.15*	
		For Elevated Installation >15' To 20', Add	*2.30*	
		For Elevated Installation >20' To 25', Add	*2.88*	
		For Elevated Installation >25' To 30', Add	*4.03*	
		For Elevated Installation >30' To 35', Add	*4.61*	
		For Elevated Installation >35' To 40', Add	*5.76*	
		For Elevated Installation >40', Add	*6.34*	
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	17.82	10.24
		For 3" WG (Class B), Add	*2.16*	
		For 4" Or 6" WG (Class A), Add	*5.76*	
		For 28 Gauge, Deduct	*-0.47*	
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*0.94*	
		For 20 Gauge, Add	*1.41*	
		For 18 Gauge, Add	*1.88*	
		For 16 Gauge, Add	*2.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.52*	
		For Work In Restricted Working Space, Add	*4.32*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.88*	
		For Elevated Installation >20' To 25', Add	*3.60*	
		For Elevated Installation >25' To 30', Add	*5.04*	
		For Elevated Installation >30' To 35', Add	*5.76*	
		For Elevated Installation >35' To 40', Add	*7.21*	
		For Elevated Installation >40', Add	*7.93*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	24.26	13.73
		For 3" WG (Class B), Add	*2.88*	
		For 4" Or 6" WG (Class A), Add	*7.68*	
		For 28 Gauge, Deduct	*-0.70*	
		For 24 Gauge, Add	*0.70*	
		For 22 Gauge, Add	*1.39*	
		For 20 Gauge, Add	*2.09*	
		For 18 Gauge, Add	*2.78*	
		For 16 Gauge, Add	*3.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.74*	
		For Work In Restricted Working Space, Add	*5.76*	
		For Elevated Installation >10' To 15', Add	*1.92*	
		For Elevated Installation >15' To 20', Add	*3.84*	
		For Elevated Installation >20' To 25', Add	*4.80*	
		For Elevated Installation >25' To 30', Add	*6.72*	
		For Elevated Installation >30' To 35', Add	*7.68*	
		For Elevated Installation >35' To 40', Add	*9.61*	
		For Elevated Installation >40', Add	*10.57*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	28.66	16.49
		For 28 Gauge, Deduct	*-0.78*	
		For 24 Gauge, Add	*0.77*	
		For 22 Gauge, Add	*1.55*	
		For 20 Gauge, Add	*2.32*	
		For 18 Gauge, Add	*3.09*	
		For 16 Gauge, Add	*3.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.15*	
		For Work In Restricted Working Space, Add	*6.92*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.61*	
		For Elevated Installation >20' To 25', Add	*5.76*	
		For Elevated Installation >25' To 30', Add	*8.07*	
		For Elevated Installation >30' To 35', Add	*9.22*	
		For Elevated Installation >35' To 40', Add	*11.53*	
		For Elevated Installation >40', Add	*12.68*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	32.89	19.05
		For 28 Gauge, Deduct	*-0.87*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.72*	
		For 20 Gauge, Add	*2.59*	
		For 18 Gauge, Add	*3.44*	
		For 16 Gauge, Add	*4.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.63*	
		For Work In Restricted Working Space, Add	*7.99*	
		For Elevated Installation >10' To 15', Add	*2.66*	
		For Elevated Installation >15' To 20', Add	*5.33*	
		For Elevated Installation >20' To 25', Add	*6.66*	
		For Elevated Installation >25' To 30', Add	*9.32*	
		For Elevated Installation >30' To 35', Add	*10.66*	
		For Elevated Installation >35' To 40', Add	*13.32*	
		For Elevated Installation >40', Add	*14.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0014		2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*		
		Note: Up to 90 degree.		
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	32.10	13.68
		For 3" WG (Class B), Add	*4.10*	
		For 4" Or 6" WG (Class A), Add	*10.94*	
		For 28 Gauge, Deduct	*-0.66*	
		For 24 Gauge, Add	*0.66*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*1.97*	
		For 18 Gauge, Add	*2.61*	
		For 16 Gauge, Add	*3.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.52*	
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >10' To 15', Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Elevated Installation >20' To 25', Add	*6.84*	
		For Elevated Installation >25' To 30', Add	*9.57*	
		For Elevated Installation >30' To 35', Add	*10.94*	
		For Elevated Installation >35' To 40', Add	*13.68*	
		For Elevated Installation >40', Add	*15.04*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	36.73	15.78
		For 3" WG (Class B), Add	*4.73*	
		For 4" Or 6" WG (Class A), Add	*12.62*	
		For 28 Gauge, Deduct	*-0.72*	
		For 24 Gauge, Add	*0.71*	
		For 22 Gauge, Add	*1.42*	
		For 20 Gauge, Add	*2.14*	
		For 18 Gauge, Add	*2.84*	
		For 16 Gauge, Add	*3.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.83*	
		For Work In Restricted Working Space, Add	*9.47*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.31*	
		For Elevated Installation >20' To 25', Add	*7.89*	
		For Elevated Installation >25' To 30', Add	*11.05*	
		For Elevated Installation >30' To 35', Add	*12.62*	
		For Elevated Installation >35' To 40', Add	*15.78*	
		For Elevated Installation >40', Add	*17.36*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	43.11	18.64
		For 3" WG (Class B), Add	*5.59*	
		For 4" Or 6" WG (Class A), Add	*14.92*	
		For 28 Gauge, Deduct	*-0.81*	
		For 24 Gauge, Add	*0.80*	
		For 22 Gauge, Add	*1.60*	
		For 20 Gauge, Add	*2.41*	
		For 18 Gauge, Add	*3.20*	
		For 16 Gauge, Add	*3.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.31*	
		For Work In Restricted Working Space, Add	*11.19*	
		For Elevated Installation >10' To 15', Add	*3.73*	
		For Elevated Installation >15' To 20', Add	*7.46*	
		For Elevated Installation >20' To 25', Add	*9.32*	
		For Elevated Installation >25' To 30', Add	*13.05*	
		For Elevated Installation >30' To 35', Add	*14.92*	
		For Elevated Installation >35' To 40', Add	*18.65*	
		For Elevated Installation >40', Add	*20.51*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	55.10	23.97
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*19.18*	
		For 28 Gauge, Deduct	*-0.99*	
		For 24 Gauge, Add	*0.99*	
		For 22 Gauge, Add	*1.97*	
		For 20 Gauge, Add	*2.96*	
		For 18 Gauge, Add	*3.93*	
		For 16 Gauge, Add	*4.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.29*	
		For Work In Restricted Working Space, Add	*14.39*	
		For Elevated Installation >10' To 15', Add	*4.80*	
		For Elevated Installation >15' To 20', Add	*9.59*	
		For Elevated Installation >20' To 25', Add	*11.99*	
		For Elevated Installation >25' To 30', Add	*16.78*	
		For Elevated Installation >30' To 35', Add	*19.18*	
		For Elevated Installation >35' To 40', Add	*23.98*	
		For Elevated Installation >40', Add	*26.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	66.11	29.20
		For 3" WG (Class B), Add	*8.76*	
		For 4" Or 6" WG (Class A), Add	*23.36*	
		For 28 Gauge, Deduct	*-1.07*	
		For 24 Gauge, Add	*1.07*	
		For 22 Gauge, Add	*2.13*	
		For 20 Gauge, Add	*3.20*	
		For 18 Gauge, Add	*4.25*	
		For 16 Gauge, Add	*5.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.71*	
		For Work In Restricted Working Space, Add	*17.52*	
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.68*	
		For Elevated Installation >20' To 25', Add	*14.60*	
		For Elevated Installation >25' To 30', Add	*20.44*	
		For Elevated Installation >30' To 35', Add	*23.36*	
		For Elevated Installation >35' To 40', Add	*29.20*	
		For Elevated Installation >40', Add	*32.11*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	101.37	45.59
		For 3" WG (Class B), Add	*13.68*	
		For 4" Or 6" WG (Class A), Add	*36.47*	
		For 28 Gauge, Deduct	*-1.41*	
		For 24 Gauge, Add	*1.41*	
		For 22 Gauge, Add	*2.81*	
		For 20 Gauge, Add	*4.22*	
		For 18 Gauge, Add	*5.60*	
		For 16 Gauge, Add	*6.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.54*	
		For Work In Restricted Working Space, Add	*27.35*	
		For Elevated Installation >10' To 15', Add	*9.12*	
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Elevated Installation >20' To 25', Add	*22.80*	
		For Elevated Installation >25' To 30', Add	*31.91*	
		For Elevated Installation >30' To 35', Add	*36.47*	
		For Elevated Installation >35' To 40', Add	*45.59*	
		For Elevated Installation >40', Add	*50.15*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	139.81	63.00
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*50.40*	
		For 28 Gauge, Deduct	*-1.91*	
		For 24 Gauge, Add	*1.90*	
		For 22 Gauge, Add	*3.80*	
		For 20 Gauge, Add	*5.71*	
		For 18 Gauge, Add	*7.59*	
		For 16 Gauge, Add	*9.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.21*	
		For Work In Restricted Working Space, Add	*37.80*	
		For Elevated Installation >10' To 15', Add	*12.60*	
		For Elevated Installation >15' To 20', Add	*25.20*	
		For Elevated Installation >20' To 25', Add	*31.50*	
		For Elevated Installation >25' To 30', Add	*44.10*	
		For Elevated Installation >30' To 35', Add	*50.40*	
		For Elevated Installation >35' To 40', Add	*63.01*	
		For Elevated Installation >40', Add	*69.31*	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	170.22	74.52
		For 3" WG (Class B), Add	*22.36*	
		For 4" Or 6" WG (Class A), Add	*59.62*	
		For 28 Gauge, Deduct	*-2.93*	
		For 24 Gauge, Add	*2.92*	
		For 22 Gauge, Add	*5.83*	
		For 20 Gauge, Add	*8.76*	
		For 18 Gauge, Add	*11.64*	
		For 16 Gauge, Add	*14.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.66*	
		For Work In Restricted Working Space, Add	*44.72*	
		For Elevated Installation >10' To 15', Add	*14.91*	
		For Elevated Installation >15' To 20', Add	*29.81*	
		For Elevated Installation >20' To 25', Add	*37.27*	
		For Elevated Installation >25' To 30', Add	*52.17*	
		For Elevated Installation >30' To 35', Add	*59.62*	
		For Elevated Installation >35' To 40', Add	*74.53*	
		For Elevated Installation >40', Add	*81.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	194.24	81.95
		For 3" WG (Class B), Add	*24.59*	
		For 4" Or 6" WG (Class A), Add	*65.56*	
		For 28 Gauge, Deduct	*-4.20*	
		For 24 Gauge, Add	*4.19*	
		For 22 Gauge, Add	*8.36*	
		For 20 Gauge, Add	*12.56*	
		For 18 Gauge, Add	*16.68*	
		For 16 Gauge, Add	*20.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.44*	
		For Work In Restricted Working Space, Add	*49.17*	
		For Elevated Installation >10' To 15', Add	*16.39*	
		For Elevated Installation >15' To 20', Add	*32.78*	
		For Elevated Installation >20' To 25', Add	*40.98*	
		For Elevated Installation >25' To 30', Add	*57.37*	
		For Elevated Installation >30' To 35', Add	*65.56*	
		For Elevated Installation >35' To 40', Add	*81.96*	
		For Elevated Installation >40', Add	*90.15*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	215.98	85.28
		For 3" WG (Class B), Add	*25.59*	
		For 4" Or 6" WG (Class A), Add	*68.23*	
		For 28 Gauge, Deduct	*-6.29*	
		For 24 Gauge, Add	*6.27*	
		For 22 Gauge, Add	*12.51*	
		For 20 Gauge, Add	*18.80*	
		For 18 Gauge, Add	*24.98*	
		For 16 Gauge, Add	*30.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.60*	
		For Work In Restricted Working Space, Add	*51.17*	
		For Elevated Installation >10' To 15', Add	*17.06*	
		For Elevated Installation >15' To 20', Add	*34.11*	
		For Elevated Installation >20' To 25', Add	*42.64*	
		For Elevated Installation >25' To 30', Add	*59.70*	
		For Elevated Installation >30' To 35', Add	*68.23*	
		For Elevated Installation >35' To 40', Add	*85.29*	
		For Elevated Installation >40', Add	*93.81*	
		For 10" WG (Class A), Add	*78.46*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	236.74	88.10
		For 3" WG (Class B), Add	*26.43*	
		For 4" Or 6" WG (Class A), Add	*70.48*	
		For 28 Gauge, Deduct	*-8.38*	
		For 24 Gauge, Add	*8.35*	
		For 22 Gauge, Add	*16.68*	
		For 20 Gauge, Add	*25.06*	
		For 18 Gauge, Add	*33.30*	
		For 16 Gauge, Add	*40.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*44.80*	
		For Work In Restricted Working Space, Add	*52.86*	
		For Elevated Installation >10' To 15', Add	*17.62*	
		For Elevated Installation >15' To 20', Add	*35.24*	
		For Elevated Installation >20' To 25', Add	*44.05*	
		For Elevated Installation >25' To 30', Add	*61.67*	
		For Elevated Installation >30' To 35', Add	*70.48*	
		For Elevated Installation >35' To 40', Add	*88.10*	
		For Elevated Installation >40', Add	*96.91*	
		For 10" WG (Class A), Add	*81.05*	

23 31 13 16-0026 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0027	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	27.04	9.22
		For 3" WG (Class B), Add	*3.46*	
		For 4" Or 6" WG (Class A), Add	*9.22*	
		For 28 Gauge, Deduct	*-0.55*	
		For 24 Gauge, Add	*0.55*	
		For 22 Gauge, Add	*1.10*	
		For 20 Gauge, Add	*1.65*	
		For 18 Gauge, Add	*2.19*	
		For 16 Gauge, Add	*2.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.95*	
		For Work In Restricted Working Space, Add	*6.92*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.61*	
		For Elevated Installation >20' To 25', Add	*5.76*	
		For Elevated Installation >25' To 30', Add	*8.07*	
		For Elevated Installation >30' To 35', Add	*9.22*	
		For Elevated Installation >35' To 40', Add	*11.53*	
		For Elevated Installation >40', Add	*12.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.	30.89	10.56
		For 3" WG (Class B), Add	*3.95*	
		For 4" Or 6" WG (Class A), Add	*10.54*	
		For 28 Gauge, Deduct	*-0.63*	
		For 24 Gauge, Add	*0.63*	
		For 22 Gauge, Add	*1.25*	
		For 20 Gauge, Add	*1.88*	
		For 18 Gauge, Add	*2.50*	
		For 16 Gauge, Add	*3.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.37*	
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.	35.92	12.29
		For 3" WG (Class B), Add	*4.61*	
		For 4" Or 6" WG (Class A), Add	*12.29*	
		For 28 Gauge, Deduct	*-0.72*	
		For 24 Gauge, Add	*0.72*	
		For 22 Gauge, Add	*1.43*	
		For 20 Gauge, Add	*2.15*	
		For 18 Gauge, Add	*2.85*	
		For 16 Gauge, Add	*3.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.84*	
		For Work In Restricted Working Space, Add	*9.22*	
		For Elevated Installation >10' To 15', Add	*3.07*	
		For Elevated Installation >15' To 20', Add	*6.15*	
		For Elevated Installation >20' To 25', Add	*7.68*	
		For Elevated Installation >25' To 30', Add	*10.76*	
		For Elevated Installation >30' To 35', Add	*12.29*	
		For Elevated Installation >35' To 40', Add	*15.37*	
		For Elevated Installation >40', Add	*16.90*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.	42.37	14.75
		For 3" WG (Class B), Add	*5.53*	
		For 4" Or 6" WG (Class A), Add	*14.75*	
		For 28 Gauge, Deduct	*-0.76*	
		For 24 Gauge, Add	*0.76*	
		For 22 Gauge, Add	*1.51*	
		For 20 Gauge, Add	*2.27*	
		For 18 Gauge, Add	*3.02*	
		For 16 Gauge, Add	*3.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.06*	
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow.	52.48	18.44
		For 3" WG (Class B), Add	*6.92*	
		For 4" Or 6" WG (Class A), Add	*18.44*	
		For 28 Gauge, Deduct	*-0.88*	
		For 24 Gauge, Add	*0.88*	
		For 22 Gauge, Add	*1.76*	
		For 20 Gauge, Add	*2.64*	
		For 18 Gauge, Add	*3.51*	
		For 16 Gauge, Add	*4.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.72*	
		For Work In Restricted Working Space, Add	*13.83*	
		For Elevated Installation >10' To 15', Add	*4.61*	
		For Elevated Installation >15' To 20', Add	*9.22*	
		For Elevated Installation >20' To 25', Add	*11.53*	
		For Elevated Installation >25' To 30', Add	*16.14*	
		For Elevated Installation >30' To 35', Add	*18.44*	
		For Elevated Installation >35' To 40', Add	*23.05*	
		For Elevated Installation >40', Add	*25.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	70.58	24.59
		For 3" WG (Class B), Add	*9.22*	
		For 4" Or 6" WG (Class A), Add	*24.59*	
		For 28 Gauge, Deduct	*-1.26*	
		For 24 Gauge, Add	*1.26*	
		For 22 Gauge, Add	*2.51*	
		For 20 Gauge, Add	*3.77*	
		For 18 Gauge, Add	*5.01*	
		For 16 Gauge, Add	*6.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.74*	
		For Work In Restricted Working Space, Add	*18.44*	
		For Elevated Installation >10' To 15', Add	*6.15*	
		For Elevated Installation >15' To 20', Add	*12.29*	
		For Elevated Installation >20' To 25', Add	*15.37*	
		For Elevated Installation >25' To 30', Add	*21.51*	
		For Elevated Installation >30' To 35', Add	*24.59*	
		For Elevated Installation >35' To 40', Add	*30.74*	
		For Elevated Installation >40', Add	*33.81*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	104.25	36.88
		For 3" WG (Class B), Add	*13.83*	
		For 4" Or 6" WG (Class A), Add	*36.88*	
		For 28 Gauge, Deduct	*-1.67*	
		For 24 Gauge, Add	*1.66*	
		For 22 Gauge, Add	*3.32*	
		For 20 Gauge, Add	*4.99*	
		For 18 Gauge, Add	*6.63*	
		For 16 Gauge, Add	*8.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.92*	
		For Work In Restricted Working Space, Add	*27.66*	
		For Elevated Installation >10' To 15', Add	*9.22*	
		For Elevated Installation >15' To 20', Add	*18.44*	
		For Elevated Installation >20' To 25', Add	*23.05*	
		For Elevated Installation >25' To 30', Add	*32.27*	
		For Elevated Installation >30' To 35', Add	*36.88*	
		For Elevated Installation >35' To 40', Add	*46.10*	
		For Elevated Installation >40', Add	*50.71*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	140.37	47.12
		For 3" WG (Class B), Add	*17.67*	
		For 4" Or 6" WG (Class A), Add	*47.12*	
		For 28 Gauge, Deduct	*-3.12*	
		For 24 Gauge, Add	*3.11*	
		For 22 Gauge, Add	*6.22*	
		For 20 Gauge, Add	*9.34*	
		For 18 Gauge, Add	*12.41*	
		For 16 Gauge, Add	*15.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.69*	
		For Work In Restricted Working Space, Add	*35.34*	
		For Elevated Installation >10' To 15', Add	*11.78*	
		For Elevated Installation >15' To 20', Add	*23.56*	
		For Elevated Installation >20' To 25', Add	*29.45*	
		For Elevated Installation >25' To 30', Add	*41.23*	
		For Elevated Installation >30' To 35', Add	*47.12*	
		For Elevated Installation >35' To 40', Add	*58.91*	
		For Elevated Installation >40', Add	*64.80*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	176.15	59.42
		For 3" WG (Class B), Add	*22.28*	
		For 4" Or 6" WG (Class A), Add	*59.42*	
		For 28 Gauge, Deduct	*-3.82*	
		For 24 Gauge, Add	*3.81*	
		For 22 Gauge, Add	*7.61*	
		For 20 Gauge, Add	*11.43*	
		For 18 Gauge, Add	*15.19*	
		For 16 Gauge, Add	*18.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.43*	
		For Work In Restricted Working Space, Add	*44.56*	
		For Elevated Installation >10' To 15', Add	*14.85*	
		For Elevated Installation >15' To 20', Add	*29.71*	
		For Elevated Installation >20' To 25', Add	*37.14*	
		For Elevated Installation >25' To 30', Add	*51.99*	
		For Elevated Installation >30' To 35', Add	*59.42*	
		For Elevated Installation >35' To 40', Add	*74.27*	
		For Elevated Installation >40', Add	*81.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	197.58	61.98
		For 3" WG (Class B), Add	*23.20*	
		For 4" Or 6" WG (Class A), Add	*61.88*	
		For 28 Gauge, Deduct	*-5.94*	
		For 24 Gauge, Add	*5.92*	
		For 22 Gauge, Add	*11.82*	
		For 20 Gauge, Add	*17.76*	
		For 18 Gauge, Add	*23.59*	
		For 16 Gauge, Add	*28.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.74*	
		For Work In Restricted Working Space, Add	*46.41*	
		For Elevated Installation >10' To 15', Add	*15.47*	
		For Elevated Installation >15' To 20', Add	*30.94*	
		For Elevated Installation >20' To 25', Add	*38.67*	
		For Elevated Installation >25' To 30', Add	*54.14*	
		For Elevated Installation >30' To 35', Add	*61.88*	
		For Elevated Installation >35' To 40', Add	*77.35*	
		For Elevated Installation >40', Add	*85.08*	
		For 10" WG (Class A), Add	*71.16*	
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	215.96	63.51
		For 3" WG (Class B), Add	*23.82*	
		For 4" Or 6" WG (Class A), Add	*63.51*	
		For 28 Gauge, Deduct	*-7.92*	
		For 24 Gauge, Add	*7.89*	
		For 22 Gauge, Add	*15.75*	
		For 20 Gauge, Add	*23.67*	
		For 18 Gauge, Add	*31.45*	
		For 16 Gauge, Add	*38.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.31*	
		For Work In Restricted Working Space, Add	*47.63*	
		For Elevated Installation >10' To 15', Add	*15.88*	
		For Elevated Installation >15' To 20', Add	*31.76*	
		For Elevated Installation >20' To 25', Add	*39.70*	
		For Elevated Installation >25' To 30', Add	*55.57*	
		For Elevated Installation >30' To 35', Add	*63.51*	
		For Elevated Installation >35' To 40', Add	*79.39*	
		For Elevated Installation >40', Add	*87.33*	
		For 10" WG (Class A), Add	*73.04*	

23 31 13 16-0038 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	25.56	9.22
		For 3" WG (Class B), Add	*3.46*	
		For 4" Or 6" WG (Class A), Add	*9.22*	
		For 28 Gauge, Deduct	*-0.35*	
		For 24 Gauge, Add	*0.35*	
		For 22 Gauge, Add	*0.69*	
		For 20 Gauge, Add	*1.04*	
		For 18 Gauge, Add	*1.38*	
		For 16 Gauge, Add	*1.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.86*	
		For Work In Restricted Working Space, Add	*6.92*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.61*	
		For Elevated Installation >20' To 25', Add	*5.76*	
		For Elevated Installation >25' To 30', Add	*8.07*	
		For Elevated Installation >30' To 35', Add	*9.22*	
		For Elevated Installation >35' To 40', Add	*11.53*	
		For Elevated Installation >40', Add	*12.68*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	29.56	10.56
		For 3" WG (Class B), Add	*3.95*	
		For 4" Or 6" WG (Class A), Add	*10.54*	
		For 28 Gauge, Deduct	*-0.45*	
		For 24 Gauge, Add	*0.44*	
		For 22 Gauge, Add	*0.89*	
		For 20 Gauge, Add	*1.33*	
		For 18 Gauge, Add	*1.77*	
		For 16 Gauge, Add	*2.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.38*	
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	34.25	12.29
		For 3" WG (Class B), Add	*4.61*	
		For 4" Or 6" WG (Class A), Add	*12.29*	
		For 28 Gauge, Deduct	*-0.49*	
		For 24 Gauge, Add	*0.49*	
		For 22 Gauge, Add	*0.97*	
		For 20 Gauge, Add	*1.46*	
		For 18 Gauge, Add	*1.94*	
		For 16 Gauge, Add	*2.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.60*	
		For Work In Restricted Working Space, Add	*9.22*	
		For Elevated Installation >10' To 15', Add	*3.07*	
		For Elevated Installation >15' To 20', Add	*6.15*	
		For Elevated Installation >20' To 25', Add	*7.68*	
		For Elevated Installation >25' To 30', Add	*10.76*	
		For Elevated Installation >30' To 35', Add	*12.29*	
		For Elevated Installation >35' To 40', Add	*15.37*	
		For Elevated Installation >40', Add	*16.90*	
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	40.96	14.75
		For 3" WG (Class B), Add	*5.53*	
		For 4" Or 6" WG (Class A), Add	*14.75*	
		For 28 Gauge, Deduct	*-0.57*	
		For 24 Gauge, Add	*0.56*	
		For 22 Gauge, Add	*1.12*	
		For 20 Gauge, Add	*1.69*	
		For 18 Gauge, Add	*2.24*	
		For 16 Gauge, Add	*2.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.02*	
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	50.74	18.44
		For 3" WG (Class B), Add	*6.92*	
		For 4" Or 6" WG (Class A), Add	*18.44*	
		For 28 Gauge, Deduct	*-0.64*	
		For 24 Gauge, Add	*0.64*	
		For 22 Gauge, Add	*1.28*	
		For 20 Gauge, Add	*1.92*	
		For 18 Gauge, Add	*2.55*	
		For 16 Gauge, Add	*3.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.43*	
		For Work In Restricted Working Space, Add	*13.83*	
		For Elevated Installation >10' To 15', Add	*4.61*	
		For Elevated Installation >15' To 20', Add	*9.22*	
		For Elevated Installation >20' To 25', Add	*11.53*	
		For Elevated Installation >25' To 30', Add	*16.14*	
		For Elevated Installation >30' To 35', Add	*18.44*	
		For Elevated Installation >35' To 40', Add	*23.05*	
		For Elevated Installation >40', Add	*25.36*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	68.55	24.59
		For 3" WG (Class B), Add	*9.22*	
		For 4" Or 6" WG (Class A), Add	*24.59*	
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.95*	
		For 20 Gauge, Add	*2.93*	
		For 18 Gauge, Add	*3.89*	
		For 16 Gauge, Add	*4.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.24*	
		For Work In Restricted Working Space, Add	*18.44*	
		For Elevated Installation >10' To 15', Add	*6.15*	
		For Elevated Installation >15' To 20', Add	*12.29*	
		For Elevated Installation >20' To 25', Add	*15.37*	
		For Elevated Installation >25' To 30', Add	*21.51*	
		For Elevated Installation >30' To 35', Add	*24.59*	
		For Elevated Installation >35' To 40', Add	*30.74*	
		For Elevated Installation >40', Add	*33.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	101.31	36.88
		For 3" WG (Class B), Add	*13.83*	
		For 4" Or 6" WG (Class A), Add	*36.88*	
		For 28 Gauge, Deduct	*-1.26*	
		For 24 Gauge, Add	*1.26*	
		For 22 Gauge, Add	*2.51*	
		For 20 Gauge, Add	*3.77*	
		For 18 Gauge, Add	*5.01*	
		For 16 Gauge, Add	*6.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.74*	
		For Work In Restricted Working Space, Add	*27.66*	
		For Elevated Installation >10' To 15', Add	*9.22*	
		For Elevated Installation >15' To 20', Add	*18.44*	
		For Elevated Installation >20' To 25', Add	*23.05*	
		For Elevated Installation >25' To 30', Add	*32.27*	
		For Elevated Installation >30' To 35', Add	*36.88*	
		For Elevated Installation >35' To 40', Add	*46.10*	
		For Elevated Installation >40', Add	*50.71*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	133.58	47.12
		For 3" WG (Class B), Add	*17.67*	
		For 4" Or 6" WG (Class A), Add	*47.12*	
		For 28 Gauge, Deduct	*-2.18*	
		For 24 Gauge, Add	*2.18*	
		For 22 Gauge, Add	*4.34*	
		For 20 Gauge, Add	*6.53*	
		For 18 Gauge, Add	*8.67*	
		For 16 Gauge, Add	*10.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.67*	
		For Work In Restricted Working Space, Add	*35.34*	
		For Elevated Installation >10' To 15', Add	*11.78*	
		For Elevated Installation >15' To 20', Add	*23.56*	
		For Elevated Installation >20' To 25', Add	*29.45*	
		For Elevated Installation >25' To 30', Add	*41.23*	
		For Elevated Installation >30' To 35', Add	*47.12*	
		For Elevated Installation >35' To 40', Add	*58.91*	
		For Elevated Installation >40', Add	*64.80*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	174.40	59.42
		For 3" WG (Class B), Add	*22.28*	
		For 4" Or 6" WG (Class A), Add	*59.42*	
		For 28 Gauge, Deduct	*-3.58*	
		For 24 Gauge, Add	*3.57*	
		For 22 Gauge, Add	*7.12*	
		For 20 Gauge, Add	*10.71*	
		For 18 Gauge, Add	*14.22*	
		For 16 Gauge, Add	*17.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.14*	
		For Work In Restricted Working Space, Add	*44.56*	
		For Elevated Installation >10' To 15', Add	*14.85*	
		For Elevated Installation >15' To 20', Add	*29.71*	
		For Elevated Installation >20' To 25', Add	*37.14*	
		For Elevated Installation >25' To 30', Add	*51.99*	
		For Elevated Installation >30' To 35', Add	*59.42*	
		For Elevated Installation >35' To 40', Add	*74.27*	
		For Elevated Installation >40', Add	*81.70*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	185.94	61.98
		For 3" WG (Class B), Add	*23.20*	
		For 4" Or 6" WG (Class A), Add	*61.88*	
		For 28 Gauge, Deduct	*-4.33*	
		For 24 Gauge, Add	*4.31*	
		For 22 Gauge, Add	*8.61*	
		For 20 Gauge, Add	*12.94*	
		For 18 Gauge, Add	*17.19*	
		For 16 Gauge, Add	*21.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.13*	
		For Work In Restricted Working Space, Add	*46.41*	
		For Elevated Installation >10' To 15', Add	*15.47*	
		For Elevated Installation >15' To 20', Add	*30.94*	
		For Elevated Installation >20' To 25', Add	*38.67*	
		For Elevated Installation >25' To 30', Add	*54.14*	
		For Elevated Installation >30' To 35', Add	*61.88*	
		For Elevated Installation >35' To 40', Add	*77.35*	
		For Elevated Installation >40', Add	*85.08*	
		For 10" WG (Class A), Add	*71.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	198.82	63.51
		For 3" WG (Class B), Add	*23.82*	
		For 4" Or 6" WG (Class A), Add	*63.51*	
		For 28 Gauge, Deduct	*-5.55*	
		For 24 Gauge, Add	*5.53*	
		For 22 Gauge, Add	*11.03*	
		For 20 Gauge, Add	*16.58*	
		For 18 Gauge, Add	*22.02*	
		For 16 Gauge, Add	*27.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.63*	
		For Work In Restricted Working Space, Add	*47.63*	
		For Elevated Installation >10' To 15', Add	*15.88*	
		For Elevated Installation >15' To 20', Add	*31.76*	
		For Elevated Installation >20' To 25', Add	*39.70*	
		For Elevated Installation >25' To 30', Add	*55.57*	
		For Elevated Installation >30' To 35', Add	*63.51*	
		For Elevated Installation >35' To 40', Add	*79.39*	
		For Elevated Installation >40', Add	*87.33*	
		For 10" WG (Class A), Add	*73.04*	
23 31 13 16-0050		2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*		
23 31 13 16-0051	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	40.16	13.83
		For 3" WG (Class B), Add	*5.19*	
		For 4" Or 6" WG (Class A), Add	*13.83*	
		For 28 Gauge, Deduct	*-0.77*	
		For 24 Gauge, Add	*0.77*	
		For 22 Gauge, Add	*1.54*	
		For 20 Gauge, Add	*2.31*	
		For 18 Gauge, Add	*3.07*	
		For 16 Gauge, Add	*3.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.14*	
		For Work In Restricted Working Space, Add	*10.37*	
		For Elevated Installation >10' To 15', Add	*3.46*	
		For Elevated Installation >15' To 20', Add	*6.91*	
		For Elevated Installation >20' To 25', Add	*8.64*	
		For Elevated Installation >25' To 30', Add	*12.10*	
		For Elevated Installation >30' To 35', Add	*13.83*	
		For Elevated Installation >35' To 40', Add	*17.29*	
		For Elevated Installation >40', Add	*19.01*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	46.95	15.78
		For 3" WG (Class B), Add	*5.93*	
		For 4" Or 6" WG (Class A), Add	*15.81*	
		For 28 Gauge, Deduct	*-1.03*	
		For 24 Gauge, Add	*1.03*	
		For 22 Gauge, Add	*2.05*	
		For 20 Gauge, Add	*3.08*	
		For 18 Gauge, Add	*4.09*	
		For 16 Gauge, Add	*5.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.50*	
		For Work In Restricted Working Space, Add	*11.86*	
		For Elevated Installation >10' To 15', Add	*3.95*	
		For Elevated Installation >15' To 20', Add	*7.90*	
		For Elevated Installation >20' To 25', Add	*9.88*	
		For Elevated Installation >25' To 30', Add	*13.83*	
		For Elevated Installation >30' To 35', Add	*15.81*	
		For Elevated Installation >35' To 40', Add	*19.76*	
		For Elevated Installation >40', Add	*21.74*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	54.16	18.44
		For 3" WG (Class B), Add	*6.92*	
		For 4" Or 6" WG (Class A), Add	*18.44*	
		For 28 Gauge, Deduct	*-1.12*	
		For 24 Gauge, Add	*1.11*	
		For 22 Gauge, Add	*2.22*	
		For 20 Gauge, Add	*3.34*	
		For 18 Gauge, Add	*4.43*	
		For 16 Gauge, Add	*5.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.96*	
		For Work In Restricted Working Space, Add	*13.83*	
		For Elevated Installation >10' To 15', Add	*4.61*	
		For Elevated Installation >15' To 20', Add	*9.22*	
		For Elevated Installation >20' To 25', Add	*11.53*	
		For Elevated Installation >25' To 30', Add	*16.14*	
		For Elevated Installation >30' To 35', Add	*18.44*	
		For Elevated Installation >35' To 40', Add	*23.05*	
		For Elevated Installation >40', Add	*25.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	64.60	22.13
		For 3" WG (Class B), Add	*8.30*	
		For 4" Or 6" WG (Class A), Add	*22.13*	
		For 28 Gauge, Deduct	*-1.29*	
		For 24 Gauge, Add	*1.28*	
		For 22 Gauge, Add	*2.56*	
		For 20 Gauge, Add	*3.84*	
		For 18 Gauge, Add	*5.10*	
		For 16 Gauge, Add	*6.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.87*	
		For Work In Restricted Working Space, Add	*16.60*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.06*	
		For Elevated Installation >20' To 25', Add	*13.83*	
		For Elevated Installation >25' To 30', Add	*19.36*	
		For Elevated Installation >30' To 35', Add	*22.13*	
		For Elevated Installation >35' To 40', Add	*27.66*	
		For Elevated Installation >40', Add	*30.43*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	84.16	27.66
		For 3" WG (Class B), Add	*10.37*	
		For 4" Or 6" WG (Class A), Add	*27.66*	
		For 28 Gauge, Deduct	*-2.08*	
		For 24 Gauge, Add	*2.07*	
		For 22 Gauge, Add	*4.13*	
		For 20 Gauge, Add	*6.21*	
		For 18 Gauge, Add	*8.25*	
		For 16 Gauge, Add	*10.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.10*	
		For Work In Restricted Working Space, Add	*20.75*	
		For Elevated Installation >10' To 15', Add	*6.92*	
		For Elevated Installation >15' To 20', Add	*13.83*	
		For Elevated Installation >20' To 25', Add	*17.29*	
		For Elevated Installation >25' To 30', Add	*24.21*	
		For Elevated Installation >30' To 35', Add	*27.66*	
		For Elevated Installation >35' To 40', Add	*34.58*	
		For Elevated Installation >40', Add	*38.04*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	111.33	36.88
		For 3" WG (Class B), Add	*13.83*	
		For 4" Or 6" WG (Class A), Add	*36.88*	
		For 28 Gauge, Deduct	*-2.65*	
		For 24 Gauge, Add	*2.64*	
		For 22 Gauge, Add	*5.27*	
		For 20 Gauge, Add	*7.92*	
		For 18 Gauge, Add	*10.52*	
		For 16 Gauge, Add	*12.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.16*	
		For Work In Restricted Working Space, Add	*27.66*	
		For Elevated Installation >10' To 15', Add	*9.22*	
		For Elevated Installation >15' To 20', Add	*18.44*	
		For Elevated Installation >20' To 25', Add	*23.05*	
		For Elevated Installation >25' To 30', Add	*32.27*	
		For Elevated Installation >30' To 35', Add	*36.88*	
		For Elevated Installation >35' To 40', Add	*46.10*	
		For Elevated Installation >40', Add	*50.71*	
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	157.40	55.32
		For 3" WG (Class B), Add	*20.74*	
		For 4" Or 6" WG (Class A), Add	*55.31*	
		For 28 Gauge, Deduct	*-2.65*	
		For 24 Gauge, Add	*2.64*	
		For 22 Gauge, Add	*5.27*	
		For 20 Gauge, Add	*7.92*	
		For 18 Gauge, Add	*10.52*	
		For 16 Gauge, Add	*12.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.16*	
		For Work In Restricted Working Space, Add	*41.48*	
		For Elevated Installation >10' To 15', Add	*13.83*	
		For Elevated Installation >15' To 20', Add	*27.65*	
		For Elevated Installation >20' To 25', Add	*34.57*	
		For Elevated Installation >25' To 30', Add	*48.39*	
		For Elevated Installation >30' To 35', Add	*55.31*	
		For Elevated Installation >35' To 40', Add	*69.14*	
		For Elevated Installation >40', Add	*76.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	213.07	70.48
		For 3" WG (Class B), Add	*26.49*	
		For 4" Or 6" WG (Class A), Add	*70.65*	
		For 28 Gauge, Deduct	*-5.05*	
		For 24 Gauge, Add	*5.03*	
		For 22 Gauge, Add	*10.04*	
		For 20 Gauge, Add	*15.09*	
		For 18 Gauge, Add	*20.04*	
		For 16 Gauge, Add	*24.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.97*	
		For Work In Restricted Working Space, Add	*52.99*	
		For Elevated Installation >10' To 15', Add	*17.66*	
		For Elevated Installation >15' To 20', Add	*35.33*	
		For Elevated Installation >20' To 25', Add	*44.16*	
		For Elevated Installation >25' To 30', Add	*61.82*	
		For Elevated Installation >30' To 35', Add	*70.65*	
		For Elevated Installation >35' To 40', Add	*88.32*	
		For Elevated Installation >40', Add	*97.15*	
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	273.85	89.33
		For 3" WG (Class B), Add	*33.41*	
		For 4" Or 6" WG (Class A), Add	*89.08*	
		For 28 Gauge, Deduct	*-7.08*	
		For 24 Gauge, Add	*7.06*	
		For 22 Gauge, Add	*14.09*	
		For 20 Gauge, Add	*21.18*	
		For 18 Gauge, Add	*28.13*	
		For 16 Gauge, Add	*34.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.85*	
		For Work In Restricted Working Space, Add	*66.81*	
		For Elevated Installation >10' To 15', Add	*22.27*	
		For Elevated Installation >15' To 20', Add	*44.54*	
		For Elevated Installation >20' To 25', Add	*55.68*	
		For Elevated Installation >25' To 30', Add	*77.95*	
		For Elevated Installation >30' To 35', Add	*89.08*	
		For Elevated Installation >35' To 40', Add	*111.35*	
		For Elevated Installation >40', Add	*122.49*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	314.10	99.37
		For 3" WG (Class B), Add	*37.34*	
		For 4" Or 6" WG (Class A), Add	*99.57*	
		For 28 Gauge, Deduct	*-9.03*	
		For 24 Gauge, Add	*8.99*	
		For 22 Gauge, Add	*17.95*	
		For 20 Gauge, Add	*26.98*	
		For 18 Gauge, Add	*35.84*	
		For 16 Gauge, Add	*43.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*48.23*	
		For Work In Restricted Working Space, Add	*74.68*	
		For Elevated Installation >10' To 15', Add	*24.89*	
		For Elevated Installation >15' To 20', Add	*49.79*	
		For Elevated Installation >20' To 25', Add	*62.23*	
		For Elevated Installation >25' To 30', Add	*87.13*	
		For Elevated Installation >30' To 35', Add	*99.57*	
		For Elevated Installation >35' To 40', Add	*124.47*	
		For Elevated Installation >40', Add	*136.91*	
		For 10" WG (Class A), Add	*114.51*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	329.45	102.95
		For 3" WG (Class B), Add	*38.57*	
		For 4" Or 6" WG (Class A), Add	*102.85*	
		For 28 Gauge, Deduct	*-10.02*	
		For 24 Gauge, Add	*9.98*	
		For 22 Gauge, Add	*19.92*	
		For 20 Gauge, Add	*29.94*	
		For 18 Gauge, Add	*39.78*	
		For 16 Gauge, Add	*48.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*53.52*	
		For Work In Restricted Working Space, Add	*77.14*	
		For Elevated Installation >10' To 15', Add	*25.71*	
		For Elevated Installation >15' To 20', Add	*51.43*	
		For Elevated Installation >20' To 25', Add	*64.28*	
		For Elevated Installation >25' To 30', Add	*90.00*	
		For Elevated Installation >30' To 35', Add	*102.85*	
		For Elevated Installation >35' To 40', Add	*128.57*	
		For Elevated Installation >40', Add	*141.42*	
		For 10" WG (Class A), Add	*118.28*	

23 31 13 16-0062 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0063	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	18.27	
		For 3" WG (Class B), Add	*2.46*	
		For 4" Or 6" WG (Class A), Add	*6.56*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.20*	
		For Elevated Installation >40', Add	*9.01*	
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	19.25	
		For 3" WG (Class B), Add	*2.58*	
		For 4" Or 6" WG (Class A), Add	*6.89*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	20.61	
		For 3" WG (Class B), Add	*2.77*	
		For 4" Or 6" WG (Class A), Add	*7.38*	
		For Work In Restricted Working Space, Add	*5.53*	
		For Elevated Installation >10' To 15', Add	*1.84*	
		For Elevated Installation >15' To 20', Add	*3.69*	
		For Elevated Installation >20' To 25', Add	*4.61*	
		For Elevated Installation >25' To 30', Add	*6.45*	
		For Elevated Installation >30' To 35', Add	*7.38*	
		For Elevated Installation >35' To 40', Add	*9.22*	
		For Elevated Installation >40', Add	*10.14*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	21.95	
		For 3" WG (Class B), Add	*2.92*	
		For 4" Or 6" WG (Class A), Add	*7.79*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Elevated Installation >10' To 15', Add	*1.95*	
		For Elevated Installation >15' To 20', Add	*3.89*	
		For Elevated Installation >20' To 25', Add	*4.87*	
		For Elevated Installation >25' To 30', Add	*6.81*	
		For Elevated Installation >30' To 35', Add	*7.79*	
		For Elevated Installation >35' To 40', Add	*9.74*	
		For Elevated Installation >40', Add	*10.71*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	23.80	
		For 3" WG (Class B), Add	*3.15*	
		For 4" Or 6" WG (Class A), Add	*8.40*	
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	27.87	
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*9.38*	
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.87*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	38.12	
		For 3" WG (Class B), Add	*4.92*	
		For 4" Or 6" WG (Class A), Add	*13.12*	
		For Work In Restricted Working Space, Add	*9.84*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.20*	
		For Elevated Installation >25' To 30', Add	*11.48*	
		For Elevated Installation >30' To 35', Add	*13.12*	
		For Elevated Installation >35' To 40', Add	*16.40*	
		For Elevated Installation >40', Add	*18.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	43.49	
		For 3" WG (Class B), Add	*5.60*	
		For 4" Or 6" WG (Class A), Add	*14.92*	
		For Work In Restricted Working Space, Add	*11.19*	
		For Elevated Installation >10' To 15', Add	*3.73*	
		For Elevated Installation >15' To 20', Add	*7.46*	
		For Elevated Installation >20' To 25', Add	*9.33*	
		For Elevated Installation >25' To 30', Add	*13.06*	
		For Elevated Installation >30' To 35', Add	*14.92*	
		For Elevated Installation >35' To 40', Add	*18.65*	
		For Elevated Installation >40', Add	*20.52*	
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	47.82	
		For 3" WG (Class B), Add	*6.13*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For Work In Restricted Working Space, Add	*12.26*	
		For Elevated Installation >10' To 15', Add	*4.09*	
		For Elevated Installation >15' To 20', Add	*8.18*	
		For Elevated Installation >20' To 25', Add	*10.22*	
		For Elevated Installation >25' To 30', Add	*14.31*	
		For Elevated Installation >30' To 35', Add	*16.35*	
		For Elevated Installation >35' To 40', Add	*20.44*	
		For Elevated Installation >40', Add	*22.48*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	52.01	
		For 3" WG (Class B), Add	*6.64*	
		For 4" Or 6" WG (Class A), Add	*17.70*	
		For Work In Restricted Working Space, Add	*13.28*	
		For Elevated Installation >10' To 15', Add	*4.43*	
		For Elevated Installation >15' To 20', Add	*8.85*	
		For Elevated Installation >20' To 25', Add	*11.07*	
		For Elevated Installation >25' To 30', Add	*15.49*	
		For Elevated Installation >30' To 35', Add	*17.70*	
		For Elevated Installation >35' To 40', Add	*22.13*	
		For Elevated Installation >40', Add	*24.34*	
		For 10" WG (Class A), Add	*20.36*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	56.66	
		For 3" WG (Class B), Add	*7.24*	
		For 4" Or 6" WG (Class A), Add	*19.30*	
		For Work In Restricted Working Space, Add	*14.48*	
		For Elevated Installation >10' To 15', Add	*4.83*	
		For Elevated Installation >15' To 20', Add	*9.65*	
		For Elevated Installation >20' To 25', Add	*12.06*	
		For Elevated Installation >25' To 30', Add	*16.89*	
		For Elevated Installation >30' To 35', Add	*19.30*	
		For Elevated Installation >35' To 40', Add	*24.13*	
		For Elevated Installation >40', Add	*26.54*	
		For 10" WG (Class A), Add	*22.20*	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)*

23 31 13 16-0076	LF	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	8.75	0.95
		For 3" WG (Class B), Add	*0.76*	
		For 4" Or 6" WG (Class A), Add	*2.03*	
		For 24 Gauge, Add	*0.74*	
		For 22 Gauge, Add	*1.69*	
		For 20 Gauge, Add	*2.76*	
		For 18 Gauge, Add	*4.23*	
		For 16 Gauge, Add	*5.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.72*	
		For Work In Restricted Working Space, Add	*1.52*	
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	11.41	1.90
		For 3" WG (Class B), Add	*0.91*	
		For 4" Or 6" WG (Class A), Add	*2.43*	
		For 24 Gauge, Add	*1.07*	
		For 22 Gauge, Add	*2.45*	
		For 20 Gauge, Add	*4.00*	
		For 18 Gauge, Add	*6.13*	
		For 16 Gauge, Add	*7.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.94*	
		For Work In Restricted Working Space, Add	*1.82*	
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	14.56	1.90
		For 3" WG (Class B), Add	*1.13*	
		For 4" Or 6" WG (Class A), Add	*3.02*	
		For 24 Gauge, Add	*1.40*	
		For 22 Gauge, Add	*3.23*	
		For 20 Gauge, Add	*5.27*	
		For 18 Gauge, Add	*8.07*	
		For 16 Gauge, Add	*9.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.19*	
		For Work In Restricted Working Space, Add	*2.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	17.73	1.90
		For 3" WG (Class B), Add	*1.36*	
		For 4" Or 6" WG (Class A), Add	*3.62*	
		For 24 Gauge, Add	*1.73*	
		For 22 Gauge, Add	*3.99*	
		For 20 Gauge, Add	*6.50*	
		For 18 Gauge, Add	*9.97*	
		For 16 Gauge, Add	*12.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.42*	
		For Work In Restricted Working Space, Add	*2.72*	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	22.01	2.83
		For 3" WG (Class B), Add	*1.70*	
		For 4" Or 6" WG (Class A), Add	*4.54*	
		For 24 Gauge, Add	*2.13*	
		For 22 Gauge, Add	*4.90*	
		For 20 Gauge, Add	*8.00*	
		For 18 Gauge, Add	*12.26*	
		For 16 Gauge, Add	*14.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.89*	
		For Work In Restricted Working Space, Add	*3.41*	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	26.54	2.83
		For 3" WG (Class B), Add	*2.13*	
		For 4" Or 6" WG (Class A), Add	*5.68*	
		For 24 Gauge, Add	*2.47*	
		For 22 Gauge, Add	*5.68*	
		For 20 Gauge, Add	*9.26*	
		For 18 Gauge, Add	*14.20*	
		For 16 Gauge, Add	*17.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.14*	
		For Work In Restricted Working Space, Add	*4.26*	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	36.84	2.83
		For 3" WG (Class B), Add	*2.83*	
		For 4" Or 6" WG (Class A), Add	*7.56*	
		For 24 Gauge, Add	*3.59*	
		For 22 Gauge, Add	*8.26*	
		For 20 Gauge, Add	*13.46*	
		For 18 Gauge, Add	*20.64*	
		For 16 Gauge, Add	*25.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.28*	
		For Work In Restricted Working Space, Add	*5.67*	
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	41.92	3.78
		For 3" WG (Class B), Add	*3.30*	
		For 4" Or 6" WG (Class A), Add	*8.81*	
		For 24 Gauge, Add	*3.98*	
		For 22 Gauge, Add	*9.15*	
		For 20 Gauge, Add	*14.93*	
		For 18 Gauge, Add	*22.89*	
		For 16 Gauge, Add	*27.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.73*	
		For Work In Restricted Working Space, Add	*6.61*	
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	47.21	3.78
		For 3" WG (Class B), Add	*3.75*	
		For 4" Or 6" WG (Class A), Add	*10.00*	
		For 24 Gauge, Add	*4.44*	
		For 22 Gauge, Add	*10.21*	
		For 20 Gauge, Add	*16.65*	
		For 18 Gauge, Add	*25.53*	
		For 16 Gauge, Add	*31.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.43*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	52.71	4.73
		For 3" WG (Class B), Add	*4.23*	
		For 4" Or 6" WG (Class A), Add	*11.27*	
		For 24 Gauge, Add	*4.91*	
		For 22 Gauge, Add	*11.29*	
		For 20 Gauge, Add	*18.41*	
		For 18 Gauge, Add	*28.22*	
		For 16 Gauge, Add	*34.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.16*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	58.18	5.68
		For 3" WG (Class B), Add	*4.73*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 24 Gauge, Add	*5.33*	
		For 22 Gauge, Add	*12.26*	
		For 20 Gauge, Add	*20.00*	
		For 18 Gauge, Add	*30.66*	
		For 16 Gauge, Add	*37.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.73*	
		For Work In Restricted Working Space, Add	*9.46*	

23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0074)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0088	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	61.36	13.24
		For 3" WG (Class B), Add	*7.67*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 24 Gauge, Add	*2.05*	
		For 22 Gauge, Add	*4.71*	
		For 20 Gauge, Add	*7.68*	
		For 18 Gauge, Add	*11.78*	
		For 16 Gauge, Add	*14.34*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.58*	
		For Work In Restricted Working Space, Add	*15.34*	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	90.19	18.92
		For 3" WG (Class B), Add	*11.35*	
		For 4" Or 6" WG (Class A), Add	*30.26*	
		For 24 Gauge, Add	*2.91*	
		For 22 Gauge, Add	*6.68*	
		For 20 Gauge, Add	*10.90*	
		For 18 Gauge, Add	*16.71*	
		For 16 Gauge, Add	*20.34*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.75*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	127.29	24.59
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*5.54*	
		For 22 Gauge, Add	*12.75*	
		For 20 Gauge, Add	*20.79*	
		For 18 Gauge, Add	*31.88*	
		For 16 Gauge, Add	*38.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.51*	
		For Work In Restricted Working Space, Add	*29.87*	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	158.75	31.22
		For 3" WG (Class B), Add	*18.92*	
		For 4" Or 6" WG (Class A), Add	*50.44*	
		For 24 Gauge, Add	*6.53*	
		For 22 Gauge, Add	*15.01*	
		For 20 Gauge, Add	*24.48*	
		For 18 Gauge, Add	*37.54*	
		For 16 Gauge, Add	*45.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.15*	
		For Work In Restricted Working Space, Add	*37.83*	
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	195.96	39.73
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*7.66*	
		For 22 Gauge, Add	*17.63*	
		For 20 Gauge, Add	*28.74*	
		For 18 Gauge, Add	*44.07*	
		For 16 Gauge, Add	*53.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.36*	
		For Work In Restricted Working Space, Add	*47.29*	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	214.63	43.51
		For 3" WG (Class B), Add	*25.80*	
		For 4" Or 6" WG (Class A), Add	*68.79*	
		For 24 Gauge, Add	*8.53*	
		For 22 Gauge, Add	*19.62*	
		For 20 Gauge, Add	*32.00*	
		For 18 Gauge, Add	*49.06*	
		For 16 Gauge, Add	*59.72*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.57*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	253.34	51.07
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*9.99*	
		For 22 Gauge, Add	*22.97*	
		For 20 Gauge, Add	*37.45*	
		For 18 Gauge, Add	*57.42*	
		For 16 Gauge, Add	*69.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.95*	
		For Work In Restricted Working Space, Add	*61.02*	
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	309.67	63.37
		For 3" WG (Class B), Add	*37.83*	
		For 4" Or 6" WG (Class A), Add	*100.89*	
		For 24 Gauge, Add	*11.49*	
		For 22 Gauge, Add	*26.43*	
		For 20 Gauge, Add	*43.09*	
		For 18 Gauge, Add	*66.07*	
		For 16 Gauge, Add	*80.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.51*	
		For Work In Restricted Working Space, Add	*75.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	372.92	76.61
		For 3" WG (Class B), Add	*45.77*	
		For 4" Or 6" WG (Class A), Add	*122.04*	
		For 24 Gauge, Add	*13.56*	
		For 22 Gauge, Add	*31.20*	
		For 20 Gauge, Add	*50.87*	
		For 18 Gauge, Add	*77.99*	
		For 16 Gauge, Add	*94.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*50.19*	
		For Work In Restricted Working Space, Add	*91.53*	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	433.88	88.91
		For 3" WG (Class B), Add	*53.54*	
		For 4" Or 6" WG (Class A), Add	*142.76*	
		For 24 Gauge, Add	*15.39*	
		For 22 Gauge, Add	*35.41*	
		For 20 Gauge, Add	*57.73*	
		For 18 Gauge, Add	*88.52*	
		For 16 Gauge, Add	*107.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*56.96*	
		For Work In Restricted Working Space, Add	*107.07*	
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	497.47	101.20
		For 3" WG (Class B), Add	*60.37*	
		For 4" Or 6" WG (Class A), Add	*160.99*	
		For 24 Gauge, Add	*19.00*	
		For 22 Gauge, Add	*43.70*	
		For 20 Gauge, Add	*71.24*	
		For 18 Gauge, Add	*109.24*	
		For 16 Gauge, Add	*132.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*70.29*	
		For Work In Restricted Working Space, Add	*120.74*	
23 31 13 16-0099		Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*		
23 31 13 16-0100	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	61.84	13.24
		For 3" WG (Class B), Add	*7.67*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 24 Gauge, Add	*2.14*	
		For 22 Gauge, Add	*4.93*	
		For 20 Gauge, Add	*8.04*	
		For 18 Gauge, Add	*12.33*	
		For 16 Gauge, Add	*15.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.93*	
		For Work In Restricted Working Space, Add	*15.34*	
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	87.70	18.92
		For 3" WG (Class B), Add	*11.35*	
		For 4" Or 6" WG (Class A), Add	*30.26*	
		For 24 Gauge, Add	*2.41*	
		For 22 Gauge, Add	*5.54*	
		For 20 Gauge, Add	*9.03*	
		For 18 Gauge, Add	*13.85*	
		For 16 Gauge, Add	*16.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.91*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	115.72	24.59
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*3.23*	
		For 22 Gauge, Add	*7.43*	
		For 20 Gauge, Add	*12.11*	
		For 18 Gauge, Add	*18.57*	
		For 16 Gauge, Add	*22.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.95*	
		For Work In Restricted Working Space, Add	*29.87*	
23 31 13 16-0103	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	146.30	31.22
		For 3" WG (Class B), Add	*18.92*	
		For 4" Or 6" WG (Class A), Add	*50.44*	
		For 24 Gauge, Add	*4.04*	
		For 22 Gauge, Add	*9.29*	
		For 20 Gauge, Add	*15.14*	
		For 18 Gauge, Add	*23.22*	
		For 16 Gauge, Add	*28.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.94*	
		For Work In Restricted Working Space, Add	*37.83*	
23 31 13 16-0104	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	181.10	39.73
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*4.69*	
		For 22 Gauge, Add	*10.79*	
		For 20 Gauge, Add	*17.60*	
		For 18 Gauge, Add	*26.98*	
		For 16 Gauge, Add	*32.84*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.36*	
		For Work In Restricted Working Space, Add	*47.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0105	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	198.05	43.51
		For 3" WG (Class B), Add	*25.80*	
		For 4" Or 6" WG (Class A), Add	*68.79*	
		For 24 Gauge, Add	*5.22*	
		For 22 Gauge, Add	*12.00*	
		For 20 Gauge, Add	*19.56*	
		For 18 Gauge, Add	*29.99*	
		For 16 Gauge, Add	*36.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.30*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 16-0106	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	246.16	51.07
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*8.55*	
		For 22 Gauge, Add	*19.67*	
		For 20 Gauge, Add	*32.06*	
		For 18 Gauge, Add	*49.16*	
		For 16 Gauge, Add	*59.85*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.64*	
		For Work In Restricted Working Space, Add	*61.02*	
23 31 13 16-0107	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	304.59	63.37
		For 3" WG (Class B), Add	*37.83*	
		For 4" Or 6" WG (Class A), Add	*100.89*	
		For 24 Gauge, Add	*10.47*	
		For 22 Gauge, Add	*24.09*	
		For 20 Gauge, Add	*39.28*	
		For 18 Gauge, Add	*60.23*	
		For 16 Gauge, Add	*73.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.75*	
		For Work In Restricted Working Space, Add	*75.67*	
23 31 13 16-0108	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	371.36	76.61
		For 3" WG (Class B), Add	*45.77*	
		For 4" Or 6" WG (Class A), Add	*122.04*	
		For 24 Gauge, Add	*13.25*	
		For 22 Gauge, Add	*30.48*	
		For 20 Gauge, Add	*49.70*	
		For 18 Gauge, Add	*76.20*	
		For 16 Gauge, Add	*92.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.03*	
		For Work In Restricted Working Space, Add	*91.53*	
23 31 13 16-0109	EA	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	416.22	88.91
		For 3" WG (Class B), Add	*53.54*	
		For 4" Or 6" WG (Class A), Add	*142.76*	
		For 24 Gauge, Add	*11.86*	
		For 22 Gauge, Add	*27.28*	
		For 20 Gauge, Add	*44.48*	
		For 18 Gauge, Add	*68.21*	
		For 16 Gauge, Add	*83.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.89*	
		For Work In Restricted Working Space, Add	*107.07*	
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	491.18	101.20
		For 3" WG (Class B), Add	*60.37*	
		For 4" Or 6" WG (Class A), Add	*160.99*	
		For 24 Gauge, Add	*17.74*	
		For 22 Gauge, Add	*40.80*	
		For 20 Gauge, Add	*66.53*	
		For 18 Gauge, Add	*102.01*	
		For 16 Gauge, Add	*124.18*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*65.64*	
		For Work In Restricted Working Space, Add	*120.74*	

23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*

23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	122.61	24.59
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*4.61*	
		For 22 Gauge, Add	*10.60*	
		For 20 Gauge, Add	*17.28*	
		For 18 Gauge, Add	*26.50*	
		For 16 Gauge, Add	*32.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.05*	
		For Work In Restricted Working Space, Add	*29.87*	
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	181.79	39.73
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*4.83*	
		For 22 Gauge, Add	*11.11*	
		For 20 Gauge, Add	*18.11*	
		For 18 Gauge, Add	*27.77*	
		For 16 Gauge, Add	*33.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.87*	
		For Work In Restricted Working Space, Add	*47.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	229.93	51.07
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*5.30*	
		For 22 Gauge, Add	*12.20*	
		For 20 Gauge, Add	*19.89*	
		For 18 Gauge, Add	*30.50*	
		For 16 Gauge, Add	*37.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.62*	
		For Work In Restricted Working Space, Add	*61.02*	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	279.92	63.37
		For 3" WG (Class B), Add	*37.83*	
		For 4" Or 6" WG (Class A), Add	*100.89*	
		For 24 Gauge, Add	*5.54*	
		For 22 Gauge, Add	*12.74*	
		For 20 Gauge, Add	*20.78*	
		For 18 Gauge, Add	*31.86*	
		For 16 Gauge, Add	*38.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.50*	
		For Work In Restricted Working Space, Add	*75.67*	
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	333.71	76.61
		For 3" WG (Class B), Add	*45.77*	
		For 4" Or 6" WG (Class A), Add	*122.04*	
		For 24 Gauge, Add	*5.72*	
		For 22 Gauge, Add	*13.16*	
		For 20 Gauge, Add	*21.46*	
		For 18 Gauge, Add	*32.90*	
		For 16 Gauge, Add	*40.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.17*	
		For Work In Restricted Working Space, Add	*91.53*	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	388.02	88.91
		For 3" WG (Class B), Add	*53.54*	
		For 4" Or 6" WG (Class A), Add	*142.76*	
		For 24 Gauge, Add	*6.22*	
		For 22 Gauge, Add	*14.31*	
		For 20 Gauge, Add	*23.33*	
		For 18 Gauge, Add	*35.78*	
		For 16 Gauge, Add	*43.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.02*	
		For Work In Restricted Working Space, Add	*107.07*	
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	434.85	101.20
		For 3" WG (Class B), Add	*60.37*	
		For 4" Or 6" WG (Class A), Add	*160.99*	
		For 24 Gauge, Add	*6.47*	
		For 22 Gauge, Add	*14.89*	
		For 20 Gauge, Add	*24.28*	
		For 18 Gauge, Add	*37.23*	
		For 16 Gauge, Add	*45.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.95*	
		For Work In Restricted Working Space, Add	*120.74*	
23 31 13 16-0119	EA	20" x 20" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	494.93	115.39
		For 3" WG (Class B), Add	*69.21*	
		For 4" Or 6" WG (Class A), Add	*184.55*	
		For 24 Gauge, Add	*6.71*	
		For 22 Gauge, Add	*15.43*	
		For 20 Gauge, Add	*25.16*	
		For 18 Gauge, Add	*38.58*	
		For 16 Gauge, Add	*46.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.83*	
		For Work In Restricted Working Space, Add	*138.41*	
23 31 13 16-0120	EA	22" x 22" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	551.62	127.69
		For 3" WG (Class B), Add	*76.69*	
		For 4" Or 6" WG (Class A), Add	*204.50*	
		For 24 Gauge, Add	*8.07*	
		For 22 Gauge, Add	*18.57*	
		For 20 Gauge, Add	*30.28*	
		For 18 Gauge, Add	*46.43*	
		For 16 Gauge, Add	*56.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.87*	
		For Work In Restricted Working Space, Add	*153.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	598.06	139.04
		For 3" WG (Class B), Add	*83.46*	
		For 4" Or 6" WG (Class A), Add	*222.55*	
		For 24 Gauge, Add	*8.34*	
		For 22 Gauge, Add	*19.18*	
		For 20 Gauge, Add	*31.27*	
		For 18 Gauge, Add	*47.94*	
		For 16 Gauge, Add	*58.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.85*	
		For Work In Restricted Working Space, Add	*166.91*	
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	191.76	42.84
		For 3" WG (Class B), Add	*25.72*	
		For 4" Or 6" WG (Class A), Add	*68.59*	
		For 24 Gauge, Add	*4.06*	
		For 22 Gauge, Add	*9.33*	
		For 20 Gauge, Add	*15.22*	
		For 18 Gauge, Add	*23.33*	
		For 16 Gauge, Add	*28.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.01*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	231.77	51.55
		For 3" WG (Class B), Add	*30.92*	
		For 4" Or 6" WG (Class A), Add	*82.46*	
		For 24 Gauge, Add	*5.12*	
		For 22 Gauge, Add	*11.79*	
		For 20 Gauge, Add	*19.22*	
		For 18 Gauge, Add	*29.46*	
		For 16 Gauge, Add	*35.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.96*	
		For Work In Restricted Working Space, Add	*61.85*	
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	281.59	62.61
		For 3" WG (Class B), Add	*37.57*	
		For 4" Or 6" WG (Class A), Add	*100.20*	
		For 24 Gauge, Add	*6.22*	
		For 22 Gauge, Add	*14.31*	
		For 20 Gauge, Add	*23.33*	
		For 18 Gauge, Add	*35.77*	
		For 16 Gauge, Add	*43.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.01*	
		For Work In Restricted Working Space, Add	*75.15*	
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	335.22	74.43
		For 3" WG (Class B), Add	*44.73*	
		For 4" Or 6" WG (Class A), Add	*119.27*	
		For 24 Gauge, Add	*7.41*	
		For 22 Gauge, Add	*17.04*	
		For 20 Gauge, Add	*27.78*	
		For 18 Gauge, Add	*42.60*	
		For 16 Gauge, Add	*51.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.41*	
		For Work In Restricted Working Space, Add	*89.45*	
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	425.55	95.71
		For 3" WG (Class B), Add	*57.39*	
		For 4" Or 6" WG (Class A), Add	*153.05*	
		For 24 Gauge, Add	*8.59*	
		For 22 Gauge, Add	*19.75*	
		For 20 Gauge, Add	*32.20*	
		For 18 Gauge, Add	*49.37*	
		For 16 Gauge, Add	*60.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.77*	
		For Work In Restricted Working Space, Add	*114.79*	
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	472.63	106.21
		For 3" WG (Class B), Add	*63.68*	
		For 4" Or 6" WG (Class A), Add	*169.81*	
		For 24 Gauge, Add	*9.62*	
		For 22 Gauge, Add	*22.13*	
		For 20 Gauge, Add	*36.08*	
		For 18 Gauge, Add	*55.33*	
		For 16 Gauge, Add	*67.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.60*	
		For Work In Restricted Working Space, Add	*127.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	537.33	120.88
		For 3" WG (Class B), Add	*72.39*	
		For 4" Or 6" WG (Class A), Add	*193.03*	
		For 24 Gauge, Add	*10.95*	
		For 22 Gauge, Add	*25.19*	
		For 20 Gauge, Add	*41.07*	
		For 18 Gauge, Add	*62.97*	
		For 16 Gauge, Add	*76.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.62*	
		For Work In Restricted Working Space, Add	*144.77*	
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	576.19	128.92
		For 3" WG (Class B), Add	*77.27*	
		For 4" Or 6" WG (Class A), Add	*206.06*	
		For 24 Gauge, Add	*12.21*	
		For 22 Gauge, Add	*28.07*	
		For 20 Gauge, Add	*45.77*	
		For 18 Gauge, Add	*70.18*	
		For 16 Gauge, Add	*85.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.16*	
		For Work In Restricted Working Space, Add	*154.55*	
23 31 13 16-0130	EA	24" x 24" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	625.14	139.80
		For 3" WG (Class B), Add	*83.85*	
		For 4" Or 6" WG (Class A), Add	*223.60*	
		For 24 Gauge, Add	*13.23*	
		For 22 Gauge, Add	*30.42*	
		For 20 Gauge, Add	*49.61*	
		For 18 Gauge, Add	*76.06*	
		For 16 Gauge, Add	*92.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*48.94*	
		For Work In Restricted Working Space, Add	*167.70*	
23 31 13 16-0131	EA	10" x 10" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	253.69	56.75
		For 3" WG (Class B), Add	*34.01*	
		For 4" Or 6" WG (Class A), Add	*90.68*	
		For 24 Gauge, Add	*5.40*	
		For 22 Gauge, Add	*12.41*	
		For 20 Gauge, Add	*20.24*	
		For 18 Gauge, Add	*31.03*	
		For 16 Gauge, Add	*37.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.97*	
		For Work In Restricted Working Space, Add	*68.01*	
23 31 13 16-0132	EA	12" x 12" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	308.32	69.05
		For 3" WG (Class B), Add	*41.34*	
		For 4" Or 6" WG (Class A), Add	*110.24*	
		For 24 Gauge, Add	*6.55*	
		For 22 Gauge, Add	*15.06*	
		For 20 Gauge, Add	*24.55*	
		For 18 Gauge, Add	*37.64*	
		For 16 Gauge, Add	*45.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.22*	
		For Work In Restricted Working Space, Add	*82.68*	
23 31 13 16-0133	EA	14" x 14" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	366.96	81.82
		For 3" WG (Class B), Add	*49.19*	
		For 4" Or 6" WG (Class A), Add	*131.18*	
		For 24 Gauge, Add	*7.80*	
		For 22 Gauge, Add	*17.94*	
		For 20 Gauge, Add	*29.25*	
		For 18 Gauge, Add	*44.85*	
		For 16 Gauge, Add	*54.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.86*	
		For Work In Restricted Working Space, Add	*98.39*	
23 31 13 16-0134	EA	16" x 16" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	425.97	95.34
		For 3" WG (Class B), Add	*57.12*	
		For 4" Or 6" WG (Class A), Add	*152.31*	
		For 24 Gauge, Add	*9.04*	
		For 22 Gauge, Add	*20.79*	
		For 20 Gauge, Add	*33.90*	
		For 18 Gauge, Add	*51.98*	
		For 16 Gauge, Add	*63.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.45*	
		For Work In Restricted Working Space, Add	*114.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0135	EA	18" x 18" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	476.69	106.60
		For 3" WG (Class B), Add	*63.91*	
		For 4" Or 6" WG (Class A), Add	*170.42*	
		For 24 Gauge, Add	*10.13*	
		For 22 Gauge, Add	*23.29*	
		For 20 Gauge, Add	*37.98*	
		For 18 Gauge, Add	*58.24*	
		For 16 Gauge, Add	*70.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.47*	
		For Work In Restricted Working Space, Add	*127.82*	
23 31 13 16-0136	EA	20" x 20" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	542.18	121.25
		For 3" WG (Class B), Add	*72.68*	
		For 4" Or 6" WG (Class A), Add	*193.82*	
		For 24 Gauge, Add	*11.53*	
		For 22 Gauge, Add	*26.51*	
		For 20 Gauge, Add	*43.22*	
		For 18 Gauge, Add	*66.27*	
		For 16 Gauge, Add	*80.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.65*	
		For Work In Restricted Working Space, Add	*145.37*	
23 31 13 16-0137	EA	22" x 22" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	605.34	135.25
		For 3" WG (Class B), Add	*81.16*	
		For 4" Or 6" WG (Class A), Add	*216.44*	
		For 24 Gauge, Add	*12.85*	
		For 22 Gauge, Add	*29.56*	
		For 20 Gauge, Add	*48.19*	
		For 18 Gauge, Add	*73.89*	
		For 16 Gauge, Add	*89.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*47.55*	
		For Work In Restricted Working Space, Add	*162.33*	
23 31 13 16-0138	EA	24" x 24" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	656.36	146.80
		For 3" WG (Class B), Add	*88.01*	
		For 4" Or 6" WG (Class A), Add	*234.70*	
		For 24 Gauge, Add	*13.92*	
		For 22 Gauge, Add	*32.02*	
		For 20 Gauge, Add	*52.21*	
		For 18 Gauge, Add	*80.05*	
		For 16 Gauge, Add	*97.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*51.51*	
		For Work In Restricted Working Space, Add	*176.03*	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*

23 31 13 16-0140	EA	6" x 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	83.94	18.92
		For 3" WG (Class B), Add	*11.35*	
		For 4" Or 6" WG (Class A), Add	*30.26*	
		For 24 Gauge, Add	*1.66*	
		For 22 Gauge, Add	*3.81*	
		For 20 Gauge, Add	*6.21*	
		For 18 Gauge, Add	*9.52*	
		For 16 Gauge, Add	*11.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.13*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 16-0141	EA	8" x 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	108.69	24.59
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*1.82*	
		For 22 Gauge, Add	*4.20*	
		For 20 Gauge, Add	*6.84*	
		For 18 Gauge, Add	*10.49*	
		For 16 Gauge, Add	*12.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.75*	
		For Work In Restricted Working Space, Add	*29.87*	
23 31 13 16-0142	EA	10" x 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	136.20	31.22
		For 3" WG (Class B), Add	*18.92*	
		For 4" Or 6" WG (Class A), Add	*50.44*	
		For 24 Gauge, Add	*2.02*	
		For 22 Gauge, Add	*4.64*	
		For 20 Gauge, Add	*7.57*	
		For 18 Gauge, Add	*11.60*	
		For 16 Gauge, Add	*14.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.47*	
		For Work In Restricted Working Space, Add	*37.83*	
23 31 13 16-0143	EA	12" x 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	168.71	39.73
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*2.21*	
		For 22 Gauge, Add	*5.09*	
		For 20 Gauge, Add	*8.30*	
		For 18 Gauge, Add	*12.73*	
		For 16 Gauge, Add	*15.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.19*	
		For Work In Restricted Working Space, Add	*47.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0144	EA	14" x 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	184.29	43.51
		For 3" WG (Class B), Add	*25.80*	
		For 4" Or 6" WG (Class A), Add	*68.79*	
		For 24 Gauge, Add	*2.46*	
		For 22 Gauge, Add	*5.67*	
		For 20 Gauge, Add	*9.24*	
		For 18 Gauge, Add	*14.17*	
		For 16 Gauge, Add	*17.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.12*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 16-0145	EA	16" x 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	224.71	51.07
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*4.26*	
		For 22 Gauge, Add	*9.80*	
		For 20 Gauge, Add	*15.98*	
		For 18 Gauge, Add	*24.50*	
		For 16 Gauge, Add	*29.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.76*	
		For Work In Restricted Working Space, Add	*61.02*	
23 31 13 16-0146	EA	18" x 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	274.98	63.37
		For 3" WG (Class B), Add	*37.83*	
		For 4" Or 6" WG (Class A), Add	*100.89*	
		For 24 Gauge, Add	*4.55*	
		For 22 Gauge, Add	*10.47*	
		For 20 Gauge, Add	*17.07*	
		For 18 Gauge, Add	*26.17*	
		For 16 Gauge, Add	*31.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.84*	
		For Work In Restricted Working Space, Add	*75.67*	
23 31 13 16-0147	EA	20" x 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	329.39	76.61
		For 3" WG (Class B), Add	*45.77*	
		For 4" Or 6" WG (Class A), Add	*122.04*	
		For 24 Gauge, Add	*4.86*	
		For 22 Gauge, Add	*11.17*	
		For 20 Gauge, Add	*18.22*	
		For 18 Gauge, Add	*27.93*	
		For 16 Gauge, Add	*34.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.97*	
		For Work In Restricted Working Space, Add	*91.53*	
23 31 13 16-0148	EA	22" x 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	382.73	88.91
		For 3" WG (Class B), Add	*53.54*	
		For 4" Or 6" WG (Class A), Add	*142.76*	
		For 24 Gauge, Add	*5.16*	
		For 22 Gauge, Add	*11.88*	
		For 20 Gauge, Add	*19.37*	
		For 18 Gauge, Add	*29.69*	
		For 16 Gauge, Add	*36.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.11*	
		For Work In Restricted Working Space, Add	*107.07*	
23 31 13 16-0149	EA	24" x 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	429.70	101.20
		For 3" WG (Class B), Add	*60.37*	
		For 4" Or 6" WG (Class A), Add	*160.99*	
		For 24 Gauge, Add	*5.44*	
		For 22 Gauge, Add	*12.52*	
		For 20 Gauge, Add	*20.42*	
		For 18 Gauge, Add	*31.30*	
		For 16 Gauge, Add	*38.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.14*	
		For Work In Restricted Working Space, Add	*120.74*	

23 31 13 16-0150 Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*

23 31 13 16-0151	EA	4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	55.04	13.24
		For 3" WG (Class B), Add	*7.67*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 24 Gauge, Add	*0.78*	
		For 22 Gauge, Add	*1.80*	
		For 20 Gauge, Add	*2.94*	
		For 18 Gauge, Add	*4.51*	
		For 16 Gauge, Add	*5.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.90*	
		For Work In Restricted Working Space, Add	*15.34*	
23 31 13 16-0152	EA	6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	80.12	18.92
		For 3" WG (Class B), Add	*11.35*	
		For 4" Or 6" WG (Class A), Add	*30.26*	
		For 24 Gauge, Add	*0.89*	
		For 22 Gauge, Add	*2.05*	
		For 20 Gauge, Add	*3.35*	
		For 18 Gauge, Add	*5.13*	
		For 16 Gauge, Add	*6.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.30*	
		For Work In Restricted Working Space, Add	*22.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0153	EA	8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	104.37	24.59
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*0.96*	
		For 22 Gauge, Add	*2.21*	
		For 20 Gauge, Add	*3.60*	
		For 18 Gauge, Add	*5.52*	
		For 16 Gauge, Add	*6.72*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.55*	
		For Work In Restricted Working Space, Add	*29.87*	
23 31 13 16-0154	EA	10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	131.26	31.22
		For 3" WG (Class B), Add	*18.92*	
		For 4" Or 6" WG (Class A), Add	*50.44*	
		For 24 Gauge, Add	*1.03*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.86*	
		For 18 Gauge, Add	*5.92*	
		For 16 Gauge, Add	*7.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.81*	
		For Work In Restricted Working Space, Add	*37.83*	
23 31 13 16-0155	EA	12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	163.14	39.73
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.53*	
		For 20 Gauge, Add	*4.13*	
		For 18 Gauge, Add	*6.33*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.07*	
		For Work In Restricted Working Space, Add	*47.29*	
23 31 13 16-0156	EA	14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	177.82	43.51
		For 3" WG (Class B), Add	*25.80*	
		For 4" Or 6" WG (Class A), Add	*68.79*	
		For 24 Gauge, Add	*1.17*	
		For 22 Gauge, Add	*2.69*	
		For 20 Gauge, Add	*4.39*	
		For 18 Gauge, Add	*6.73*	
		For 16 Gauge, Add	*8.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.33*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 16-0157	EA	16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	209.88	51.07
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*1.29*	
		For 22 Gauge, Add	*2.98*	
		For 20 Gauge, Add	*4.85*	
		For 18 Gauge, Add	*7.44*	
		For 16 Gauge, Add	*9.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.79*	
		For Work In Restricted Working Space, Add	*61.02*	
23 31 13 16-0158	EA	18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	259.04	63.37
		For 3" WG (Class B), Add	*37.83*	
		For 4" Or 6" WG (Class A), Add	*100.89*	
		For 24 Gauge, Add	*1.36*	
		For 22 Gauge, Add	*3.14*	
		For 20 Gauge, Add	*5.12*	
		For 18 Gauge, Add	*7.84*	
		For 16 Gauge, Add	*9.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.05*	
		For Work In Restricted Working Space, Add	*75.67*	
23 31 13 16-0159	EA	20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	312.34	76.61
		For 3" WG (Class B), Add	*45.77*	
		For 4" Or 6" WG (Class A), Add	*122.04*	
		For 24 Gauge, Add	*1.45*	
		For 22 Gauge, Add	*3.33*	
		For 20 Gauge, Add	*5.43*	
		For 18 Gauge, Add	*8.33*	
		For 16 Gauge, Add	*10.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.36*	
		For Work In Restricted Working Space, Add	*91.53*	
23 31 13 16-0160	EA	22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	364.43	178.76
		For 3" WG (Class B), Add	*53.54*	
		For 4" Or 6" WG (Class A), Add	*142.76*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*3.46*	
		For 20 Gauge, Add	*5.64*	
		For 18 Gauge, Add	*8.65*	
		For 16 Gauge, Add	*10.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.56*	
		For Work In Restricted Working Space, Add	*107.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0161	EA	24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	410.42	201.46
		For 3" WG (Class B), Add	*60.37*	
		For 4" Or 6" WG (Class A), Add	*160.99*	
		For 24 Gauge, Add	*1.59*	
		For 22 Gauge, Add	*3.65*	
		For 20 Gauge, Add	*5.96*	
		For 18 Gauge, Add	*9.13*	
		For 16 Gauge, Add	*11.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.88*	
		For Work In Restricted Working Space, Add	*120.74*	
23 31 13 16-0162		Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*		
23 31 13 16-0163	EA	4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	30.16	13.24
		For 3" WG (Class B), Add	*3.84*	
		For 4" Or 6" WG (Class A), Add	*10.23*	
		For 24 Gauge, Add	*0.92*	
		For 22 Gauge, Add	*2.11*	
		For 20 Gauge, Add	*3.44*	
		For 18 Gauge, Add	*5.28*	
		For 16 Gauge, Add	*6.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.40*	
		For Work In Restricted Working Space, Add	*7.67*	
23 31 13 16-0164	EA	6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	42.98	18.92
		For 3" WG (Class B), Add	*5.67*	
		For 4" Or 6" WG (Class A), Add	*15.13*	
		For 24 Gauge, Add	*1.03*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.86*	
		For 18 Gauge, Add	*5.92*	
		For 16 Gauge, Add	*7.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.81*	
		For Work In Restricted Working Space, Add	*11.35*	
23 31 13 16-0165	EA	8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	55.42	25.54
		For 3" WG (Class B), Add	*7.47*	
		For 4" Or 6" WG (Class A), Add	*19.91*	
		For 24 Gauge, Add	*1.13*	
		For 22 Gauge, Add	*2.59*	
		For 20 Gauge, Add	*4.23*	
		For 18 Gauge, Add	*6.49*	
		For 16 Gauge, Add	*7.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.17*	
		For Work In Restricted Working Space, Add	*14.93*	
23 31 13 16-0166	EA	10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	69.32	32.15
		For 3" WG (Class B), Add	*9.46*	
		For 4" Or 6" WG (Class A), Add	*25.22*	
		For 24 Gauge, Add	*1.25*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.70*	
		For 18 Gauge, Add	*7.20*	
		For 16 Gauge, Add	*8.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.63*	
		For Work In Restricted Working Space, Add	*18.92*	
23 31 13 16-0167	EA	12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	85.78	39.73
		For 3" WG (Class B), Add	*11.82*	
		For 4" Or 6" WG (Class A), Add	*31.53*	
		For 24 Gauge, Add	*1.39*	
		For 22 Gauge, Add	*3.20*	
		For 20 Gauge, Add	*5.22*	
		For 18 Gauge, Add	*8.00*	
		For 16 Gauge, Add	*9.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.15*	
		For Work In Restricted Working Space, Add	*23.65*	
23 31 13 16-0168	EA	14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	93.64	43.51
		For 3" WG (Class B), Add	*12.90*	
		For 4" Or 6" WG (Class A), Add	*34.39*	
		For 24 Gauge, Add	*1.53*	
		For 22 Gauge, Add	*3.52*	
		For 20 Gauge, Add	*5.75*	
		For 18 Gauge, Add	*8.81*	
		For 16 Gauge, Add	*10.72*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.67*	
		For Work In Restricted Working Space, Add	*25.79*	
23 31 13 16-0169	EA	16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	108.41	50.13
		For 3" WG (Class B), Add	*14.94*	
		For 4" Or 6" WG (Class A), Add	*39.83*	
		For 24 Gauge, Add	*1.77*	
		For 22 Gauge, Add	*4.07*	
		For 20 Gauge, Add	*6.63*	
		For 18 Gauge, Add	*10.17*	
		For 16 Gauge, Add	*12.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.54*	
		For Work In Restricted Working Space, Add	*29.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0170	EA	18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	155.90	63.37
		For 3" WG (Class B), Add	*18.92*	
		For 4" Or 6" WG (Class A), Add	*50.44*	
		For 24 Gauge, Add	*5.96*	
		For 22 Gauge, Add	*13.70*	
		For 20 Gauge, Add	*22.34*	
		For 18 Gauge, Add	*34.26*	
		For 16 Gauge, Add	*41.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.04*	
		For Work In Restricted Working Space, Add	*37.83*	
23 31 13 16-0171	EA	20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	189.94	78.51
		For 3" WG (Class B), Add	*23.65*	
		For 4" Or 6" WG (Class A), Add	*63.06*	
		For 24 Gauge, Add	*6.46*	
		For 22 Gauge, Add	*14.86*	
		For 20 Gauge, Add	*24.23*	
		For 18 Gauge, Add	*37.15*	
		For 16 Gauge, Add	*45.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.90*	
		For Work In Restricted Working Space, Add	*47.29*	
23 31 13 16-0172	EA	22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	206.77	86.07
		For 3" WG (Class B), Add	*25.80*	
		For 4" Or 6" WG (Class A), Add	*68.79*	
		For 24 Gauge, Add	*6.96*	
		For 22 Gauge, Add	*16.01*	
		For 20 Gauge, Add	*26.10*	
		For 18 Gauge, Add	*40.02*	
		For 16 Gauge, Add	*48.72*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.75*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 16-0173	EA	24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	238.62	100.26
		For 3" WG (Class B), Add	*30.19*	
		For 4" Or 6" WG (Class A), Add	*80.50*	
		For 24 Gauge, Add	*7.48*	
		For 22 Gauge, Add	*17.19*	
		For 20 Gauge, Add	*28.04*	
		For 18 Gauge, Add	*42.99*	
		For 16 Gauge, Add	*52.33*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.66*	
		For Work In Restricted Working Space, Add	*60.37*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	36.27	29.20
		For Work In Restricted Working Space, Add	*10.67*	
		For Elevated Installation >10' To 15', Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*7.12*	
		For Elevated Installation >20' To 25', Add	*8.90*	
		For Elevated Installation >25' To 30', Add	*12.45*	
		For Elevated Installation >30' To 35', Add	*14.23*	
		For Elevated Installation >35' To 40', Add	*17.79*	
		For Elevated Installation >40', Add	*19.57*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	32.23	12.80
		For Stainless Steel, Add	*8.61*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	32.23	12.80
		For Stainless Steel, Add	*8.61*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	34.43	13.83
		For Stainless Steel, Add	*8.80*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	34.43	13.83
		For Stainless Steel, Add	*8.80*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	36.06	13.83
		For Stainless Steel, Add	*10.92*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	37.29	14.85
		For Stainless Steel, Add	*9.85*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	37.29	14.85
		For Stainless Steel, Add	*9.85*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	38.30	14.85
		For Stainless Steel, Add	*11.17*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	37.72	15.88
		For Stainless Steel, Add	*7.75*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	39.94	16.91
		For Stainless Steel, Add	*7.98*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	44.10	16.91
		For Stainless Steel, Add	*13.39*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	42.36	17.92
		For Stainless Steel, Add	*8.45*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	46.44	17.92
		For Stainless Steel, Add	*13.75*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	33.44	13.83
		For Stainless Steel, Add	*7.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	33.44	13.83
		For Stainless Steel, Add	*7.51*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	36.16	14.85
		For Stainless Steel, Add	*8.39*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	37.13	14.85
		For Stainless Steel, Add	*9.65*	
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	37.85	15.88
		For Stainless Steel, Add	*7.92*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	40.05	16.91
		For Stainless Steel, Add	*8.13*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	34.11	13.83
		For Stainless Steel, Add	*8.39*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	36.55	14.85
		For Stainless Steel, Add	*8.89*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	32.23	12.80
		For Stainless Steel, Add	*8.61*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	34.43	13.83
		For Stainless Steel, Add	*8.80*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	37.29	14.85
		For Stainless Steel, Add	*9.85*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	37.29	14.85
		For Stainless Steel, Add	*9.85*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	37.72	15.88
		For Stainless Steel, Add	*7.75*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	39.94	16.91
		For Stainless Steel, Add	*7.98*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	44.10	16.91
		For Stainless Steel, Add	*13.39*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	46.16	17.92
		For Stainless Steel, Add	*13.39*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	20.56	8.85
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.08*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	18.88	9.13
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.47*	
		For Work In Restricted Working Space, Add	*5.48*	
		For Elevated Installation >10' To 15', Add	*1.83*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Elevated Installation >20' To 25', Add	*4.56*	
		For Elevated Installation >25' To 30', Add	*6.39*	
		For Elevated Installation >30' To 35', Add	*7.30*	
		For Elevated Installation >35' To 40', Add	*9.13*	
		For Elevated Installation >40', Add	*10.04*	

23 31 16 Nonmetal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	9.43	1.83
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	11.22	2.01
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	13.08	2.21

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Fiber Reinforced Round Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	15.74	5.13
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	19.69	6.00
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	26.74	8.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	35.42	11.13
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	44.88	13.93
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	54.10	16.75
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	60.93	19.55
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	69.50	21.38
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	75.11	22.74
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	93.30	25.55
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	98.15	27.38
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	120.92	29.23
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	138.51	33.86
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	159.95	40.83
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	213.61	45.48
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	239.31	51.09
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	265.90	58.54
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	301.83	68.31
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	324.10	83.60
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	395.51	102.18
23 31 16 16-0023		**Fiber Reinforced Plastic Bell** *(23 31 16 16-0001)*		
23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	64.93	20.81
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	78.50	24.68
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	90.13	29.03
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	118.22	38.70
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	143.40	48.38
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	165.68	58.06
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	205.39	72.09
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	219.93	77.41
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	238.34	82.74
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	256.76	89.02
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	280.99	96.76
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	329.49	106.44
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	386.73	116.12
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	439.10	130.63
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	491.45	145.15
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	543.80	159.66
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	678.58	193.53
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	804.50	241.91
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	965.35	290.29
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,107.03	328.99
23 31 16 16-0044		**Fiber Reinforced Plastic Flange** *(23 31 16 16-0001)*		
23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	111.58	20.81
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	128.06	24.68
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	145.52	29.03
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	188.19	38.70
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	227.95	48.38
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	267.71	58.06
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	313.26	72.09
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	351.12	77.41
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	384.11	82.74
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	408.36	89.02
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	426.75	96.76
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	504.41	106.44
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	555.82	116.12
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	692.73	130.63
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	771.32	145.15
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	879.05	159.66
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	1,028.41	193.53
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,221.39	241.91
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,414.30	290.29
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,620.12	328.99
23 31 16 16-0065		**Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	179.80	50.12
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	210.64	59.89
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	244.39	69.67
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	315.16	92.89
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	385.94	116.12
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	456.72	139.34
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	559.90	173.31
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	641.05	183.46
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	734.42	199.24
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	886.69	213.65
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	1,028.48	232.23
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,198.37	255.46
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,645.19	278.68
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	2,126.00	313.52
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,825.44	348.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	3,364.58	383.28
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,980.92	464.47
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	4,815.80	580.58
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	5,650.32	696.51
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	6,446.33	789.31
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	147.73	50.12
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	172.74	59.89
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	200.63	69.67
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	251.02	92.89
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	301.40	116.12
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	357.67	139.34
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	440.44	173.31
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	480.64	183.46
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	582.64	199.14
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	677.05	213.84
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	789.36	232.23
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	915.14	255.26
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,178.38	278.49
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,453.02	313.80
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,872.57	348.64
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	2,213.04	383.28
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,634.06	464.47
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	3,148.26	580.58
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,694.86	695.15
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	4,173.84	790.07
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	226.67	74.80
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	266.78	90.09
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	305.36	104.50
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	392.58	139.34
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	478.27	173.31
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	568.53	209.97
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	686.56	254.49
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	750.56	275.39
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	877.57	299.19
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	1,000.58	320.48
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,163.73	348.45
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,338.46	383.28
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,614.86	417.92
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,950.25	470.46
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,620.29	522.72
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	3,144.90	575.07
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,785.66	697.18
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	4,513.08	871.26
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	5,239.95	1,044.95
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,910.40	1,184.88
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	182.93	74.80
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	214.28	90.09
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	244.17	104.50
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	308.11	139.34
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	370.48	173.31
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	443.22	209.97
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	529.35	254.68
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	575.21	275.20
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	632.88	299.29
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	686.20	320.77
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	750.19	348.64
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	831.20	383.28
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	920.63	417.73
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	1,040.18	470.17
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,163.28	523.01
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,278.74	574.88
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,522.98	695.15
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,848.22	872.81
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,238.47	1,045.72
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,499.52	1,184.88
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	159.43	50.23
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	187.37	59.99
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	221.12	69.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	283.09	92.89
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	339.29	116.12
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	408.09	139.92
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	481.26	173.31
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	515.62	183.46
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	570.98	199.14
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	630.41	213.84
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	707.73	232.23
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	811.09	255.74
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	914.16	279.16
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	1,036.14	313.80
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,158.33	348.64
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,309.30	383.28
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,546.66	464.47
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,833.47	580.58
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	2,033.15	695.15
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,278.91	790.07
23 31 16 16-0170		Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*		
23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	194.41	50.23
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	210.69	59.99
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	244.44	69.67
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	315.16	92.89
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	385.94	116.12
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	457.65	139.92
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	545.39	173.31
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	597.25	183.46
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	652.61	199.14
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	741.19	213.84
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	952.61	232.23
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,169.67	255.74
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,252.34	279.16
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,426.79	313.80
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,543.14	348.64
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,688.29	383.28
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,852.76	464.47
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	2,122.08	580.58
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,353.83	695.15
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,570.44	790.07
23 31 16 16-0191		Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*		
23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	360.54	50.12
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	405.96	59.89
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	451.38	69.67
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	533.81	92.89
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	630.82	116.12
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	713.26	139.34
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	813.53	173.31
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	903.42	183.46
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,002.62	199.24
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,099.51	213.65
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,174.25	232.23
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,329.56	255.46
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,543.15	278.68
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,776.17	313.52
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,038.31	348.45
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	2,271.35	383.28
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	2,669.04	464.47
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	3,124.94	580.58
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	3,551.32	696.51
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	4,084.96	789.31

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001		Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*		
23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	100.28	8.20
		For Stainless Steel, Add	*89.02*	
		For Parallel Blade Damper, Add	*27.39*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	106.35	9.22
		For Stainless Steel, Add	*90.31*	
		For Parallel Blade Damper, Add	*27.79*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	113.09	10.24
		For Stainless Steel, Add	*91.26*	
		For Parallel Blade Damper, Add	*28.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	121.87	12.29
		For Stainless Steel, Add	*96.97*	
		For Parallel Blade Damper, Add	*29.84*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	131.67	13.32
		For Stainless Steel, Add	*102.67*	
		For Parallel Blade Damper, Add	*31.59*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	158.55	14.35
		For Stainless Steel, Add	*131.20*	
		For Parallel Blade Damper, Add	*40.37*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	173.28	15.36
		For Stainless Steel, Add	*142.61*	
		For Parallel Blade Damper, Add	*43.88*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	182.36	17.41
		For Stainless Steel, Add	*148.29*	
		For Parallel Blade Damper, Add	*45.63*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	201.00	18.44
		For Stainless Steel, Add	*165.41*	
		For Parallel Blade Damper, Add	*50.90*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	238.13	20.49
		For Stainless Steel, Add	*205.35*	
		For Parallel Blade Damper, Add	*63.18*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	263.69	20.49
		For Stainless Steel, Add	*233.83*	
		For Parallel Blade Damper, Add	*71.95*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	302.79	23.56
		For Stainless Steel, Add	*273.77*	
		For Parallel Blade Damper, Add	*84.24*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	326.52	24.59
		For Stainless Steel, Add	*298.31*	
		For Parallel Blade Damper, Add	*91.79*	

23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	103.86	11.40
		For Stainless Steel, Add	*90.57*	
		For Parallel Blade Damper, Add	*27.87*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	110.34	11.91
		For Stainless Steel, Add	*96.99*	
		For Parallel Blade Damper, Add	*29.84*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.54	12.01
		For Stainless Steel, Add	*103.48*	
		For Parallel Blade Damper, Add	*31.84*	
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.54	12.01
		For Stainless Steel, Add	*103.48*	
		For Parallel Blade Damper, Add	*31.84*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.55	12.33
		For Stainless Steel, Add	*109.95*	
		For Parallel Blade Damper, Add	*33.83*	
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.58	13.66
		For Stainless Steel, Add	*122.86*	
		For Parallel Blade Damper, Add	*37.80*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.55	12.33
		For Stainless Steel, Add	*109.95*	
		For Parallel Blade Damper, Add	*33.83*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	133.53	13.04
		For Stainless Steel, Add	*122.86*	
		For Parallel Blade Damper, Add	*37.80*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.59	13.66
		For Stainless Steel, Add	*129.38*	
		For Parallel Blade Damper, Add	*39.81*	
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	150.71	15.40
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	131.07	13.04
		For Stainless Steel, Add	*119.67*	
		For Parallel Blade Damper, Add	*36.82*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.59	13.66
		For Stainless Steel, Add	*129.38*	
		For Parallel Blade Damper, Add	*39.81*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.62	14.37
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	155.69	15.40
		For Stainless Steel, Add	*142.32*	
		For Parallel Blade Damper, Add	*43.79*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	173.24	17.14
		For Stainless Steel, Add	*158.47*	
		For Parallel Blade Damper, Add	*48.76*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.59	13.66
		For Stainless Steel, Add	*129.38*	
		For Parallel Blade Damper, Add	*39.81*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.65	14.68
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	157.73	16.12
		For Stainless Steel, Add	*142.32*	
		For Parallel Blade Damper, Add	*43.79*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.77	17.14
		For Stainless Steel, Add	*148.76*	
		For Parallel Blade Damper, Add	*45.77*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.40	18.78
		For Stainless Steel, Add	*165.00*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	200.95	20.54
		For Stainless Steel, Add	*181.14*	
		For Parallel Blade Damper, Add	*55.74*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.62	14.37
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.15	15.40
		For Stainless Steel, Add	*145.52*	
		For Parallel Blade Damper, Add	*44.78*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.79	17.14
		For Stainless Steel, Add	*155.29*	
		For Parallel Blade Damper, Add	*47.78*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.38	18.78
		For Stainless Steel, Add	*171.47*	
		For Parallel Blade Damper, Add	*52.76*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.44	20.54
		For Stainless Steel, Add	*184.38*	
		For Parallel Blade Damper, Add	*56.73*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	220.98	22.18
		For Stainless Steel, Add	*200.53*	
		For Parallel Blade Damper, Add	*61.70*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	233.59	23.92
		For Stainless Steel, Add	*210.24*	
		For Parallel Blade Damper, Add	*64.69*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	155.69	15.40
		For Stainless Steel, Add	*142.32*	
		For Parallel Blade Damper, Add	*43.79*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.75	17.14
		For Stainless Steel, Add	*155.23*	
		For Parallel Blade Damper, Add	*47.76*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	185.85	18.78
		For Stainless Steel, Add	*168.18*	
		For Parallel Blade Damper, Add	*51.75*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.91	20.54
		For Stainless Steel, Add	*194.09*	
		For Parallel Blade Damper, Add	*59.72*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.50	22.18
		For Stainless Steel, Add	*203.80*	
		For Parallel Blade Damper, Add	*62.71*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	236.11	23.92
		For Stainless Steel, Add	*213.51*	
		For Parallel Blade Damper, Add	*65.70*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	251.17	25.67
		For Stainless Steel, Add	*226.42*	
		For Parallel Blade Damper, Add	*69.67*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	266.24	27.31
		For Stainless Steel, Add	*239.33*	
		For Parallel Blade Damper, Add	*73.64*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	175.73	17.14
		For Stainless Steel, Add	*161.71*	
		For Parallel Blade Damper, Add	*49.76*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	195.82	18.78
		For Stainless Steel, Add	*181.14*	
		For Parallel Blade Damper, Add	*55.74*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.91	20.54
		For Stainless Steel, Add	*194.09*	
		For Parallel Blade Damper, Add	*59.72*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.97	22.18
		For Stainless Steel, Add	*213.51*	
		For Parallel Blade Damper, Add	*65.70*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	243.55	23.92
		For Stainless Steel, Add	*223.18*	
		For Parallel Blade Damper, Add	*68.67*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.15	25.67
		For Stainless Steel, Add	*232.90*	
		For Parallel Blade Damper, Add	*71.66*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.20	27.31
		For Stainless Steel, Add	*252.28*	
		For Parallel Blade Damper, Add	*77.62*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	301.37	30.80
		For Stainless Steel, Add	*271.66*	
		For Parallel Blade Damper, Add	*83.59*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	331.60	34.19
		For Stainless Steel, Add	*297.61*	
		For Parallel Blade Damper, Add	*91.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	195.82	18.78
		For Stainless Steel, Add	*181.14*	
		For Parallel Blade Damper, Add	*55.74*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.91	20.54
		For Stainless Steel, Add	*194.09*	
		For Parallel Blade Damper, Add	*59.72*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.97	22.18
		For Stainless Steel, Add	*213.51*	
		For Parallel Blade Damper, Add	*65.70*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.04	23.92
		For Stainless Steel, Add	*226.42*	
		For Parallel Blade Damper, Add	*69.67*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.59	25.67
		For Stainless Steel, Add	*242.57*	
		For Parallel Blade Damper, Add	*74.64*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.15	27.31
		For Stainless Steel, Add	*258.71*	
		For Parallel Blade Damper, Add	*79.60*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	306.35	30.80
		For Stainless Steel, Add	*278.14*	
		For Parallel Blade Damper, Add	*85.58*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	331.60	34.19
		For Stainless Steel, Add	*297.61*	
		For Parallel Blade Damper, Add	*91.57*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	366.56	35.94
		For Stainless Steel, Add	*336.38*	
		For Parallel Blade Damper, Add	*103.50*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	401.69	39.32
		For Stainless Steel, Add	*368.71*	
		For Parallel Blade Damper, Add	*113.45*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	225.85	20.54
		For Stainless Steel, Add	*213.51*	
		For Parallel Blade Damper, Add	*65.70*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	235.92	22.18
		For Stainless Steel, Add	*219.95*	
		For Parallel Blade Damper, Add	*67.68*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.04	23.92
		For Stainless Steel, Add	*226.42*	
		For Parallel Blade Damper, Add	*69.67*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	261.10	25.67
		For Stainless Steel, Add	*239.33*	
		For Parallel Blade Damper, Add	*73.64*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	282.12	27.31
		For Stainless Steel, Add	*259.97*	
		For Parallel Blade Damper, Add	*79.99*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	306.35	30.80
		For Stainless Steel, Add	*278.14*	
		For Parallel Blade Damper, Add	*85.58*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.58	34.19
		For Stainless Steel, Add	*304.08*	
		For Parallel Blade Damper, Add	*93.56*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	366.74	37.58
		For Stainless Steel, Add	*329.94*	
		For Parallel Blade Damper, Add	*101.52*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	401.69	39.32
		For Stainless Steel, Add	*368.71*	
		For Parallel Blade Damper, Add	*113.45*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	444.77	42.09
		For Stainless Steel, Add	*414.04*	
		For Parallel Blade Damper, Add	*127.40*	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	491.78	44.45
		For Stainless Steel, Add	*465.79*	
		For Parallel Blade Damper, Add	*143.32*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	245.88	22.18
		For Stainless Steel, Add	*232.90*	
		For Parallel Blade Damper, Add	*71.66*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	260.95	23.92
		For Stainless Steel, Add	*245.80*	
		For Parallel Blade Damper, Add	*75.63*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.01	25.67
		For Stainless Steel, Add	*258.71*	
		For Parallel Blade Damper, Add	*79.60*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	296.09	27.31
		For Stainless Steel, Add	*278.14*	
		For Parallel Blade Damper, Add	*85.58*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.86	30.80
		For Stainless Steel, Add	*287.90*	
		For Parallel Blade Damper, Add	*88.58*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.47	32.44
		For Stainless Steel, Add	*297.61*	
		For Parallel Blade Damper, Add	*91.57*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	366.74	37.58
		For Stainless Steel, Add	*329.94*	
		For Parallel Blade Damper, Add	*101.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	401.85	41.07
		For Stainless Steel, Add	*362.23*	
		For Parallel Blade Damper, Add	*111.46*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	435.84	42.41
		For Stainless Steel, Add	*401.09*	
		For Parallel Blade Damper, Add	*123.41*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	484.86	45.48
		For Stainless Steel, Add	*452.80*	
		For Parallel Blade Damper, Add	*139.32*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	526.88	47.85
		For Stainless Steel, Add	*498.08*	
		For Parallel Blade Damper, Add	*153.26*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	571.84	49.59
		For Stainless Steel, Add	*549.85*	
		For Parallel Blade Damper, Add	*169.18*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	255.97	25.67
		For Stainless Steel, Add	*239.33*	
		For Parallel Blade Damper, Add	*73.64*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	280.99	27.31
		For Stainless Steel, Add	*265.19*	
		For Parallel Blade Damper, Add	*81.60*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	291.11	29.05
		For Stainless Steel, Add	*271.66*	
		For Parallel Blade Damper, Add	*83.59*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	301.22	30.80
		For Stainless Steel, Add	*278.14*	
		For Parallel Blade Damper, Add	*85.58*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	328.93	32.44
		For Stainless Steel, Add	*300.81*	
		For Parallel Blade Damper, Add	*92.56*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.49	34.19
		For Stainless Steel, Add	*323.47*	
		For Parallel Blade Damper, Add	*99.53*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	386.78	39.32
		For Stainless Steel, Add	*349.32*	
		For Parallel Blade Damper, Add	*107.48*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	416.98	42.71
		For Stainless Steel, Add	*375.23*	
		For Parallel Blade Damper, Add	*115.46*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.04	45.48
		For Stainless Steel, Add	*414.04*	
		For Parallel Blade Damper, Add	*127.40*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	516.95	47.85
		For Stainless Steel, Add	*485.17*	
		For Parallel Blade Damper, Add	*149.28*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	554.99	50.62
		For Stainless Steel, Add	*523.94*	
		For Parallel Blade Damper, Add	*161.21*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	613.85	51.95
		For Stainless Steel, Add	*595.13*	
		For Parallel Blade Damper, Add	*183.12*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	671.85	54.72
		For Stainless Steel, Add	*659.84*	
		For Parallel Blade Damper, Add	*203.03*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.06	25.67
		For Stainless Steel, Add	*252.28*	
		For Parallel Blade Damper, Add	*77.62*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	296.09	27.31
		For Stainless Steel, Add	*278.14*	
		For Parallel Blade Damper, Add	*85.58*	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	316.20	29.05
		For Stainless Steel, Add	*297.61*	
		For Parallel Blade Damper, Add	*91.57*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.31	30.80
		For Stainless Steel, Add	*304.08*	
		For Parallel Blade Damper, Add	*93.56*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.34	32.44
		For Stainless Steel, Add	*329.94*	
		For Parallel Blade Damper, Add	*101.52*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	376.36	34.19
		For Stainless Steel, Add	*355.80*	
		For Parallel Blade Damper, Add	*109.48*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	421.81	41.07
		For Stainless Steel, Add	*388.18*	
		For Parallel Blade Damper, Add	*119.44*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	456.92	44.45
		For Stainless Steel, Add	*420.47*	
		For Parallel Blade Damper, Add	*129.38*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	516.95	47.85
		For Stainless Steel, Add	*485.17*	
		For Parallel Blade Damper, Add	*149.28*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	572.02	51.34
		For Stainless Steel, Add	*543.41*	
		For Parallel Blade Damper, Add	*167.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	632.00	54.72
		For Stainless Steel, Add	*608.04*	
		For Parallel Blade Damper, Add	*187.09*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	681.93	56.36
		For Stainless Steel, Add	*666.28*	
		For Parallel Blade Damper, Add	*205.01*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	731.86	58.12
		For Stainless Steel, Add	*724.50*	
		For Parallel Blade Damper, Add	*222.92*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	781.79	59.86
		For Stainless Steel, Add	*782.74*	
		For Parallel Blade Damper, Add	*240.84*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	291.11	27.31
		For Stainless Steel, Add	*271.66*	
		For Parallel Blade Damper, Add	*83.59*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	316.20	29.05
		For Stainless Steel, Add	*297.61*	
		For Parallel Blade Damper, Add	*91.57*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.31	30.80
		For Stainless Steel, Add	*304.08*	
		For Parallel Blade Damper, Add	*93.56*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.49	34.19
		For Stainless Steel, Add	*323.47*	
		For Parallel Blade Damper, Add	*99.53*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.65	37.58
		For Stainless Steel, Add	*349.32*	
		For Parallel Blade Damper, Add	*107.48*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.85	41.07
		For Stainless Steel, Add	*375.23*	
		For Parallel Blade Damper, Add	*115.46*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	451.97	44.45
		For Stainless Steel, Add	*414.04*	
		For Parallel Blade Damper, Add	*127.40*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.05	47.85
		For Stainless Steel, Add	*452.80*	
		For Parallel Blade Damper, Add	*139.32*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	547.11	51.34
		For Stainless Steel, Add	*511.03*	
		For Parallel Blade Damper, Add	*157.24*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	612.11	54.72
		For Stainless Steel, Add	*582.18*	
		For Parallel Blade Damper, Add	*179.13*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	662.07	56.36
		For Stainless Steel, Add	*640.46*	
		For Parallel Blade Damper, Add	*197.06*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	726.88	58.12
		For Stainless Steel, Add	*718.03*	
		For Parallel Blade Damper, Add	*220.93*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	781.95	61.50
		For Stainless Steel, Add	*776.27*	
		For Parallel Blade Damper, Add	*238.85*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	846.78	63.25
		For Stainless Steel, Add	*853.88*	
		For Parallel Blade Damper, Add	*262.73*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	901.99	68.38
		For Stainless Steel, Add	*905.65*	
		For Parallel Blade Damper, Add	*278.66*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	311.22	29.05
		For Stainless Steel, Add	*291.14*	
		For Parallel Blade Damper, Add	*89.58*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.24	30.80
		For Stainless Steel, Add	*316.99*	
		For Parallel Blade Damper, Add	*97.54*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	366.40	34.19
		For Stainless Steel, Add	*342.85*	
		For Parallel Blade Damper, Add	*105.49*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.65	37.58
		For Stainless Steel, Add	*349.32*	
		For Parallel Blade Damper, Add	*107.48*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	414.34	41.07
		For Stainless Steel, Add	*378.47*	
		For Parallel Blade Damper, Add	*116.45*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.99	44.45
		For Stainless Steel, Add	*407.56*	
		For Parallel Blade Damper, Add	*125.40*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	487.10	47.85
		For Stainless Steel, Add	*446.37*	
		For Parallel Blade Damper, Add	*137.34*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	527.22	51.34
		For Stainless Steel, Add	*485.17*	
		For Parallel Blade Damper, Add	*149.28*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	582.29	54.72
		For Stainless Steel, Add	*543.41*	
		For Parallel Blade Damper, Add	*167.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	652.23	58.12
		For Stainless Steel, Add	*620.98*	
		For Parallel Blade Damper, Add	*191.07*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	707.10	59.86
		For Stainless Steel, Add	*685.65*	
		For Parallel Blade Damper, Add	*210.97*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	776.97	61.50
		For Stainless Steel, Add	*769.80*	
		For Parallel Blade Damper, Add	*236.86*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	846.91	64.99
		For Stainless Steel, Add	*847.37*	
		For Parallel Blade Damper, Add	*260.73*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	901.99	68.38
		For Stainless Steel, Add	*905.65*	
		For Parallel Blade Damper, Add	*278.66*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	977.10	73.52
		For Stainless Steel, Add	*983.26*	
		For Parallel Blade Damper, Add	*302.54*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,037.14	76.90
		For Stainless Steel, Add	*1,047.97*	
		For Parallel Blade Damper, Add	*322.45*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.31	30.80
		For Stainless Steel, Add	*304.08*	
		For Parallel Blade Damper, Add	*93.56*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.42	34.19
		For Stainless Steel, Add	*336.38*	
		For Parallel Blade Damper, Add	*103.50*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	386.63	37.58
		For Stainless Steel, Add	*355.80*	
		For Parallel Blade Damper, Add	*109.48*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	401.85	41.07
		For Stainless Steel, Add	*362.23*	
		For Parallel Blade Damper, Add	*111.46*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	439.52	44.45
		For Stainless Steel, Add	*397.85*	
		For Parallel Blade Damper, Add	*122.42*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	477.14	47.85
		For Stainless Steel, Add	*433.42*	
		For Parallel Blade Damper, Add	*133.36*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	514.77	51.34
		For Stainless Steel, Add	*468.99*	
		For Parallel Blade Damper, Add	*144.30*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	552.40	54.72
		For Stainless Steel, Add	*504.56*	
		For Parallel Blade Damper, Add	*155.25*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	622.38	58.12
		For Stainless Steel, Add	*582.18*	
		For Parallel Blade Damper, Add	*179.13*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	687.25	59.86
		For Stainless Steel, Add	*659.84*	
		For Parallel Blade Damper, Add	*203.03*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	747.11	61.50
		For Stainless Steel, Add	*730.98*	
		For Parallel Blade Damper, Add	*224.92*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	827.05	64.99
		For Stainless Steel, Add	*821.55*	
		For Parallel Blade Damper, Add	*252.78*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	897.01	68.38
		For Stainless Steel, Add	*899.17*	
		For Parallel Blade Damper, Add	*276.67*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	971.96	71.77
		For Stainless Steel, Add	*983.26*	
		For Parallel Blade Damper, Add	*302.54*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,032.01	75.26
		For Stainless Steel, Add	*1,047.97*	
		For Parallel Blade Damper, Add	*322.45*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,106.97	78.65
		For Stainless Steel, Add	*1,132.07*	
		For Parallel Blade Damper, Add	*348.33*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,181.93	82.03
		For Stainless Steel, Add	*1,216.16*	
		For Parallel Blade Damper, Add	*374.20*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.49	34.19
		For Stainless Steel, Add	*323.47*	
		For Parallel Blade Damper, Add	*99.53*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	386.63	37.58
		For Stainless Steel, Add	*355.80*	
		For Parallel Blade Damper, Add	*109.48*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	406.83	41.07
		For Stainless Steel, Add	*368.71*	
		For Parallel Blade Damper, Add	*113.45*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	422.12	44.45
		For Stainless Steel, Add	*375.23*	
		For Parallel Blade Damper, Add	*115.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	462.23	47.85
		For Stainless Steel, Add	*414.04*	
		For Parallel Blade Damper, Add	*127.40*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	502.32	51.34
		For Stainless Steel, Add	*452.80*	
		For Parallel Blade Damper, Add	*139.32*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	544.93	54.72
		For Stainless Steel, Add	*494.85*	
		For Parallel Blade Damper, Add	*152.26*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	587.54	58.12
		For Stainless Steel, Add	*536.89*	
		For Parallel Blade Damper, Add	*165.20*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	657.36	59.86
		For Stainless Steel, Add	*620.98*	
		For Parallel Blade Damper, Add	*191.07*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	722.21	61.50
		For Stainless Steel, Add	*699.61*	
		For Parallel Blade Damper, Add	*214.96*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	797.20	64.99
		For Stainless Steel, Add	*782.74*	
		For Parallel Blade Damper, Add	*240.84*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	872.14	68.38
		For Stainless Steel, Add	*866.84*	
		For Parallel Blade Damper, Add	*266.72*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	932.15	71.77
		For Stainless Steel, Add	*931.50*	
		For Parallel Blade Damper, Add	*286.62*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,022.01	75.26
		For Stainless Steel, Add	*1,034.97*	
		For Parallel Blade Damper, Add	*318.45*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,101.95	78.65
		For Stainless Steel, Add	*1,125.54*	
		For Parallel Blade Damper, Add	*346.32*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,181.93	82.03
		For Stainless Steel, Add	*1,216.16*	
		For Parallel Blade Damper, Add	*374.20*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,251.82	85.53
		For Stainless Steel, Add	*1,293.68*	
		For Parallel Blade Damper, Add	*398.06*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,321.87	88.92
		For Stainless Steel, Add	*1,371.40*	
		For Parallel Blade Damper, Add	*421.97*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	119.27	11.09
		For Smoke Damper, Add	*73.02*	
		For Spring Activated Horizontal Mount Operation, Add	*19.33*	
		For Dynamic Damper, Add	*46.39*	
		For 3 Hour Rated, Add	*25.77*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	166.13	11.09
		For Smoke Damper, Add	*112.85*	
		For Spring Activated Horizontal Mount Operation, Add	*29.87*	
		For Dynamic Damper, Add	*71.69*	
		For 3 Hour Rated, Add	*39.83*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.79	11.40
		For Spring Activated Horizontal Mount Operation, Add	*5.54*	
		For Dynamic Damper, Add	*13.28*	
		For 3 Hour Rated, Add	*7.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*6.15*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	62.07	11.91
		For Spring Activated Horizontal Mount Operation, Add	*5.93*	
		For Dynamic Damper, Add	*14.22*	
		For 3 Hour Rated, Add	*7.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*6.59*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.04	12.01
		For Spring Activated Horizontal Mount Operation, Add	*6.32*	
		For Dynamic Damper, Add	*15.17*	
		For 3 Hour Rated, Add	*8.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.04	12.01
		For Spring Activated Horizontal Mount Operation, Add	*6.32*	
		For Dynamic Damper, Add	*15.17*	
		For 3 Hour Rated, Add	*8.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	66.83	12.33
		For Spring Activated Horizontal Mount Operation, Add	*6.72*	
		For Dynamic Damper, Add	*16.12*	
		For 3 Hour Rated, Add	*8.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.47*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.44	13.66
		For Spring Activated Horizontal Mount Operation, Add	*7.51*	
		For Dynamic Damper, Add	*18.02*	
		For 3 Hour Rated, Add	*10.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.34*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	66.83	12.33
		For Spring Activated Horizontal Mount Operation, Add	*6.72*	
		For Dynamic Damper, Add	*16.12*	
		For 3 Hour Rated, Add	*8.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.47*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.39	13.04
		For Spring Activated Horizontal Mount Operation, Add	*7.51*	
		For Dynamic Damper, Add	*18.02*	
		For 3 Hour Rated, Add	*10.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.34*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.20	13.66
		For Spring Activated Horizontal Mount Operation, Add	*7.90*	
		For Dynamic Damper, Add	*18.97*	
		For 3 Hour Rated, Add	*10.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.10	15.40
		For Spring Activated Horizontal Mount Operation, Add	*8.30*	
		For Dynamic Damper, Add	*19.92*	
		For 3 Hour Rated, Add	*11.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.22*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	71.51	13.04
		For Spring Activated Horizontal Mount Operation, Add	*7.31*	
		For Dynamic Damper, Add	*17.54*	
		For 3 Hour Rated, Add	*9.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.12*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.20	13.66
		For Spring Activated Horizontal Mount Operation, Add	*7.90*	
		For Dynamic Damper, Add	*18.97*	
		For 3 Hour Rated, Add	*10.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.01	14.37
		For Spring Activated Horizontal Mount Operation, Add	*8.30*	
		For Dynamic Damper, Add	*19.92*	
		For 3 Hour Rated, Add	*11.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.22*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.86	15.40
		For Spring Activated Horizontal Mount Operation, Add	*8.70*	
		For Dynamic Damper, Add	*20.87*	
		For 3 Hour Rated, Add	*11.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.66*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.38	17.14
		For Spring Activated Horizontal Mount Operation, Add	*9.68*	
		For Dynamic Damper, Add	*23.24*	
		For 3 Hour Rated, Add	*12.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.76*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.20	13.66
		For Spring Activated Horizontal Mount Operation, Add	*7.90*	
		For Dynamic Damper, Add	*18.97*	
		For 3 Hour Rated, Add	*10.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	81.04	14.68
		For Spring Activated Horizontal Mount Operation, Add	*8.30*	
		For Dynamic Damper, Add	*19.92*	
		For 3 Hour Rated, Add	*11.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.22*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.90	16.12
		For Spring Activated Horizontal Mount Operation, Add	*8.70*	
		For Dynamic Damper, Add	*20.87*	
		For 3 Hour Rated, Add	*11.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.66*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.73	17.14
		For Spring Activated Horizontal Mount Operation, Add	*9.09*	
		For Dynamic Damper, Add	*21.81*	
		For 3 Hour Rated, Add	*12.12*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.10*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.28	18.78
		For Spring Activated Horizontal Mount Operation, Add	*10.08*	
		For Dynamic Damper, Add	*24.19*	
		For 3 Hour Rated, Add	*13.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.20*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.80	20.54
		For Spring Activated Horizontal Mount Operation, Add	*11.07*	
		For Dynamic Damper, Add	*26.56*	
		For 3 Hour Rated, Add	*14.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.01	14.37
		For Spring Activated Horizontal Mount Operation, Add	*8.30*	
		For Dynamic Damper, Add	*19.92*	
		For 3 Hour Rated, Add	*11.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.22*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.73	15.40
		For Spring Activated Horizontal Mount Operation, Add	*8.89*	
		For Dynamic Damper, Add	*21.34*	
		For 3 Hour Rated, Add	*11.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.88*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.51	17.14
		For Spring Activated Horizontal Mount Operation, Add	*9.49*	
		For Dynamic Damper, Add	*22.77*	
		For 3 Hour Rated, Add	*12.65*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.54*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.04	18.78
		For Spring Activated Horizontal Mount Operation, Add	*10.48*	
		For Dynamic Damper, Add	*25.14*	
		For 3 Hour Rated, Add	*13.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.64*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.67	20.54
		For Spring Activated Horizontal Mount Operation, Add	*11.26*	
		For Dynamic Damper, Add	*27.03*	
		For 3 Hour Rated, Add	*15.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.52*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.19	22.18
		For Spring Activated Horizontal Mount Operation, Add	*12.25*	
		For Dynamic Damper, Add	*29.41*	
		For 3 Hour Rated, Add	*16.34*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.62*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.96	23.92
		For Spring Activated Horizontal Mount Operation, Add	*12.85*	
		For Dynamic Damper, Add	*30.83*	
		For 3 Hour Rated, Add	*17.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.27*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.86	15.40
		For Spring Activated Horizontal Mount Operation, Add	*8.70*	
		For Dynamic Damper, Add	*20.87*	
		For 3 Hour Rated, Add	*11.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.66*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.49	17.14
		For Spring Activated Horizontal Mount Operation, Add	*9.48*	
		For Dynamic Damper, Add	*22.76*	
		For 3 Hour Rated, Add	*12.65*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.54*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.15	18.78
		For Spring Activated Horizontal Mount Operation, Add	*10.28*	
		For Dynamic Damper, Add	*24.66*	
		For 3 Hour Rated, Add	*13.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.42*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.32	20.54
		For Spring Activated Horizontal Mount Operation, Add	*11.86*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*15.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.07	22.18
		For Spring Activated Horizontal Mount Operation, Add	*12.45*	
		For Dynamic Damper, Add	*29.88*	
		For 3 Hour Rated, Add	*16.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.84*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.85	23.92
		For Spring Activated Horizontal Mount Operation, Add	*13.05*	
		For Dynamic Damper, Add	*31.31*	
		For 3 Hour Rated, Add	*17.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.50*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.48	25.67
		For Spring Activated Horizontal Mount Operation, Add	*13.83*	
		For Dynamic Damper, Add	*33.20*	
		For 3 Hour Rated, Add	*18.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.37*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.13	27.31
		For Spring Activated Horizontal Mount Operation, Add	*14.62*	
		For Dynamic Damper, Add	*35.09*	
		For 3 Hour Rated, Add	*19.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.25*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.25	17.14
		For Spring Activated Horizontal Mount Operation, Add	*9.88*	
		For Dynamic Damper, Add	*23.71*	
		For 3 Hour Rated, Add	*13.17*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.98*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.67	18.78
		For Spring Activated Horizontal Mount Operation, Add	*11.07*	
		For Dynamic Damper, Add	*26.56*	
		For 3 Hour Rated, Add	*14.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.32	20.54
		For Spring Activated Horizontal Mount Operation, Add	*11.86*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*15.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.71	22.18
		For Spring Activated Horizontal Mount Operation, Add	*13.05*	
		For Dynamic Damper, Add	*31.31*	
		For 3 Hour Rated, Add	*17.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.50*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.48	23.92
		For Spring Activated Horizontal Mount Operation, Add	*13.64*	
		For Dynamic Damper, Add	*32.73*	
		For 3 Hour Rated, Add	*18.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.15*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.24	25.67
		For Spring Activated Horizontal Mount Operation, Add	*14.23*	
		For Dynamic Damper, Add	*34.15*	
		For 3 Hour Rated, Add	*18.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.81*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.65	27.31
		For Spring Activated Horizontal Mount Operation, Add	*15.41*	
		For Dynamic Damper, Add	*37.00*	
		For 3 Hour Rated, Add	*20.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.13*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.17	30.80
		For Spring Activated Horizontal Mount Operation, Add	*16.60*	
		For Dynamic Damper, Add	*39.84*	
		For 3 Hour Rated, Add	*22.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.44*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.48	34.19
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.64*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.67	18.78
		For Spring Activated Horizontal Mount Operation, Add	*11.07*	
		For Dynamic Damper, Add	*26.56*	
		For 3 Hour Rated, Add	*14.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.32	20.54
		For Spring Activated Horizontal Mount Operation, Add	*11.86*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*15.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.71	22.18
		For Spring Activated Horizontal Mount Operation, Add	*13.05*	
		For Dynamic Damper, Add	*31.31*	
		For 3 Hour Rated, Add	*17.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.50*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.35	23.92
		For Spring Activated Horizontal Mount Operation, Add	*13.83*	
		For Dynamic Damper, Add	*33.20*	
		For 3 Hour Rated, Add	*18.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.37*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.88	25.67
		For Spring Activated Horizontal Mount Operation, Add	*14.82*	
		For Dynamic Damper, Add	*35.58*	
		For 3 Hour Rated, Add	*19.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.47*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.39	27.31
		For Spring Activated Horizontal Mount Operation, Add	*15.81*	
		For Dynamic Damper, Add	*37.94*	
		For 3 Hour Rated, Add	*21.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.56*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.93	30.80
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.79*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.48	34.19
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.64*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.15	35.94
		For Spring Activated Horizontal Mount Operation, Add	*20.55*	
		For Dynamic Damper, Add	*49.32*	
		For 3 Hour Rated, Add	*27.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.84*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.20	39.32
		For Spring Activated Horizontal Mount Operation, Add	*22.53*	
		For Dynamic Damper, Add	*54.07*	
		For 3 Hour Rated, Add	*30.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.59	20.54
		For Spring Activated Horizontal Mount Operation, Add	*13.05*	
		For Dynamic Damper, Add	*31.31*	
		For 3 Hour Rated, Add	*17.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.50*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.45	22.18
		For Spring Activated Horizontal Mount Operation, Add	*13.44*	
		For Dynamic Damper, Add	*32.25*	
		For 3 Hour Rated, Add	*17.92*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.93*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.35	23.92
		For Spring Activated Horizontal Mount Operation, Add	*13.83*	
		For Dynamic Damper, Add	*33.20*	
		For 3 Hour Rated, Add	*18.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.37*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.99	25.67
		For Spring Activated Horizontal Mount Operation, Add	*14.62*	
		For Dynamic Damper, Add	*35.09*	
		For 3 Hour Rated, Add	*19.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.25*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.73	27.31
		For Spring Activated Horizontal Mount Operation, Add	*15.88*	
		For Dynamic Damper, Add	*38.12*	
		For 3 Hour Rated, Add	*21.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.65*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.93	30.80
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.79*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.24	34.19
		For Spring Activated Horizontal Mount Operation, Add	*18.58*	
		For Dynamic Damper, Add	*44.59*	
		For 3 Hour Rated, Add	*24.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.64*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.54	37.58
		For Spring Activated Horizontal Mount Operation, Add	*20.16*	
		For Dynamic Damper, Add	*48.38*	
		For 3 Hour Rated, Add	*26.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.40*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.20	39.32
		For Spring Activated Horizontal Mount Operation, Add	*22.53*	
		For Dynamic Damper, Add	*54.07*	
		For 3 Hour Rated, Add	*30.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.03*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.71	42.09
		For Spring Activated Horizontal Mount Operation, Add	*25.30*	
		For Dynamic Damper, Add	*60.71*	
		For 3 Hour Rated, Add	*33.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.11*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.97	44.45
		For Spring Activated Horizontal Mount Operation, Add	*28.46*	
		For Dynamic Damper, Add	*68.30*	
		For 3 Hour Rated, Add	*37.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.97	22.18
		For Spring Activated Horizontal Mount Operation, Add	*14.23*	
		For Dynamic Damper, Add	*34.15*	
		For 3 Hour Rated, Add	*18.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.81*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.62	23.92
		For Spring Activated Horizontal Mount Operation, Add	*15.02*	
		For Dynamic Damper, Add	*36.05*	
		For 3 Hour Rated, Add	*20.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.69*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.25	25.67
		For Spring Activated Horizontal Mount Operation, Add	*15.81*	
		For Dynamic Damper, Add	*37.94*	
		For 3 Hour Rated, Add	*21.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.56*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.67	27.31
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.79*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.58	30.80
		For Spring Activated Horizontal Mount Operation, Add	*17.59*	
		For Dynamic Damper, Add	*42.22*	
		For 3 Hour Rated, Add	*23.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.55*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.35	32.44
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.64*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.54	37.58
		For Spring Activated Horizontal Mount Operation, Add	*20.16*	
		For Dynamic Damper, Add	*48.38*	
		For 3 Hour Rated, Add	*26.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.40*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.58	41.07
		For Spring Activated Horizontal Mount Operation, Add	*22.13*	
		For Dynamic Damper, Add	*53.12*	
		For 3 Hour Rated, Add	*29.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.59*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.55	42.41
		For Spring Activated Horizontal Mount Operation, Add	*14.00*	
		For Dynamic Damper, Add	*33.61*	
		For 3 Hour Rated, Add	*18.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.56*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.52	45.48
		For Spring Activated Horizontal Mount Operation, Add	*27.67*	
		For Dynamic Damper, Add	*66.40*	
		For 3 Hour Rated, Add	*36.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.74*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.00	47.85
		For Spring Activated Horizontal Mount Operation, Add	*30.43*	
		For Dynamic Damper, Add	*73.04*	
		For 3 Hour Rated, Add	*40.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.82*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.19	49.59
		For Spring Activated Horizontal Mount Operation, Add	*33.59*	
		For Dynamic Damper, Add	*80.63*	
		For 3 Hour Rated, Add	*44.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.33*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.86	25.67
		For Spring Activated Horizontal Mount Operation, Add	*14.62*	
		For Dynamic Damper, Add	*35.09*	
		For 3 Hour Rated, Add	*19.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.25*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.01	27.31
		For Spring Activated Horizontal Mount Operation, Add	*16.20*	
		For Dynamic Damper, Add	*38.89*	
		For 3 Hour Rated, Add	*21.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.00*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.91	29.05
		For Spring Activated Horizontal Mount Operation, Add	*16.60*	
		For Dynamic Damper, Add	*39.84*	
		For 3 Hour Rated, Add	*22.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.44*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.80	30.80
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.79*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.23	32.44
		For Spring Activated Horizontal Mount Operation, Add	*18.38*	
		For Dynamic Damper, Add	*44.11*	
		For 3 Hour Rated, Add	*24.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.42*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.51	34.19
		For Spring Activated Horizontal Mount Operation, Add	*19.76*	
		For Dynamic Damper, Add	*47.43*	
		For 3 Hour Rated, Add	*26.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.96*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.93	39.32
		For Spring Activated Horizontal Mount Operation, Add	*21.34*	
		For Dynamic Damper, Add	*51.22*	
		For 3 Hour Rated, Add	*28.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.72*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.23	42.71
		For Spring Activated Horizontal Mount Operation, Add	*22.93*	
		For Dynamic Damper, Add	*55.02*	
		For 3 Hour Rated, Add	*30.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.47*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.98	45.48
		For Spring Activated Horizontal Mount Operation, Add	*25.30*	
		For Dynamic Damper, Add	*60.71*	
		For 3 Hour Rated, Add	*33.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.11*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.49	47.85
		For Spring Activated Horizontal Mount Operation, Add	*29.64*	
		For Dynamic Damper, Add	*71.15*	
		For 3 Hour Rated, Add	*39.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.94*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.24	50.62
		For Spring Activated Horizontal Mount Operation, Add	*32.01*	
		For Dynamic Damper, Add	*76.83*	
		For 3 Hour Rated, Add	*42.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.67	51.95
		For Spring Activated Horizontal Mount Operation, Add	*36.36*	
		For Dynamic Damper, Add	*87.27*	
		For 3 Hour Rated, Add	*48.48*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.40*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.46	54.72
		For Spring Activated Horizontal Mount Operation, Add	*40.32*	
		For Dynamic Damper, Add	*96.76*	
		For 3 Hour Rated, Add	*53.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.80*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.51	25.67
		For Spring Activated Horizontal Mount Operation, Add	*15.41*	
		For Dynamic Damper, Add	*37.00*	
		For 3 Hour Rated, Add	*20.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.13*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.67	27.31
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.79*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.08	29.05
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.64*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.97	30.80
		For Spring Activated Horizontal Mount Operation, Add	*18.58*	
		For Dynamic Damper, Add	*44.59*	
		For 3 Hour Rated, Add	*24.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.64*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.14	32.44
		For Spring Activated Horizontal Mount Operation, Add	*20.16*	
		For Dynamic Damper, Add	*48.38*	
		For 3 Hour Rated, Add	*26.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.40*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.29	34.19
		For Spring Activated Horizontal Mount Operation, Add	*21.74*	
		For Dynamic Damper, Add	*52.17*	
		For 3 Hour Rated, Add	*28.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.16*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.62	41.07
		For Spring Activated Horizontal Mount Operation, Add	*23.72*	
		For Dynamic Damper, Add	*56.92*	
		For 3 Hour Rated, Add	*31.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.35*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.66	44.45
		For Spring Activated Horizontal Mount Operation, Add	*25.69*	
		For Dynamic Damper, Add	*61.66*	
		For 3 Hour Rated, Add	*34.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.55*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.49	47.85
		For Spring Activated Horizontal Mount Operation, Add	*29.64*	
		For Dynamic Damper, Add	*71.15*	
		For 3 Hour Rated, Add	*39.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.94*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.57	51.34
		For Spring Activated Horizontal Mount Operation, Add	*33.20*	
		For Dynamic Damper, Add	*79.68*	
		For 3 Hour Rated, Add	*44.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.89*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.40	54.72
		For Spring Activated Horizontal Mount Operation, Add	*37.15*	
		For Dynamic Damper, Add	*89.16*	
		For 3 Hour Rated, Add	*49.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.28*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.34	56.36
		For Spring Activated Horizontal Mount Operation, Add	*40.71*	
		For Dynamic Damper, Add	*97.70*	
		For 3 Hour Rated, Add	*54.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.23*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.29	58.12
		For Spring Activated Horizontal Mount Operation, Add	*44.27*	
		For Dynamic Damper, Add	*106.24*	
		For 3 Hour Rated, Add	*59.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	392.24	59.86
		For Spring Activated Horizontal Mount Operation, Add	*47.83*	
		For Dynamic Damper, Add	*114.78*	
		For 3 Hour Rated, Add	*63.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.14*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.91	27.31
		For Spring Activated Horizontal Mount Operation, Add	*16.60*	
		For Dynamic Damper, Add	*39.84*	
		For 3 Hour Rated, Add	*22.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.08	29.05
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.64*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.97	30.80
		For Spring Activated Horizontal Mount Operation, Add	*18.58*	
		For Dynamic Damper, Add	*44.59*	
		For 3 Hour Rated, Add	*24.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.64*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.51	34.19
		For Spring Activated Horizontal Mount Operation, Add	*19.76*	
		For Dynamic Damper, Add	*47.43*	
		For 3 Hour Rated, Add	*26.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.96*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.80	37.58
		For Spring Activated Horizontal Mount Operation, Add	*21.34*	
		For Dynamic Damper, Add	*51.22*	
		For 3 Hour Rated, Add	*28.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.72*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.10	41.07
		For Spring Activated Horizontal Mount Operation, Add	*22.93*	
		For Dynamic Damper, Add	*55.02*	
		For 3 Hour Rated, Add	*30.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.47*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.91	44.45
		For Spring Activated Horizontal Mount Operation, Add	*25.30*	
		For Dynamic Damper, Add	*60.71*	
		For 3 Hour Rated, Add	*33.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.11*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.71	47.85
		For Spring Activated Horizontal Mount Operation, Add	*27.67*	
		For Dynamic Damper, Add	*66.40*	
		For 3 Hour Rated, Add	*36.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.74*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.79	51.34
		For Spring Activated Horizontal Mount Operation, Add	*31.23*	
		For Dynamic Damper, Add	*74.94*	
		For 3 Hour Rated, Add	*41.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.70*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.37	54.72
		For Spring Activated Horizontal Mount Operation, Add	*35.57*	
		For Dynamic Damper, Add	*85.37*	
		For 3 Hour Rated, Add	*47.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.52*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.33	56.36
		For Spring Activated Horizontal Mount Operation, Add	*39.13*	
		For Dynamic Damper, Add	*93.92*	
		For 3 Hour Rated, Add	*52.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.48*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.53	58.12
		For Spring Activated Horizontal Mount Operation, Add	*43.87*	
		For Dynamic Damper, Add	*105.29*	
		For 3 Hour Rated, Add	*58.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.75*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.62	61.50
		For Spring Activated Horizontal Mount Operation, Add	*47.43*	
		For Dynamic Damper, Add	*113.83*	
		For 3 Hour Rated, Add	*63.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.70*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.83	63.25
		For Spring Activated Horizontal Mount Operation, Add	*52.17*	
		For Dynamic Damper, Add	*125.22*	
		For 3 Hour Rated, Add	*69.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.97*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.27	68.38
		For Spring Activated Horizontal Mount Operation, Add	*55.33*	
		For Dynamic Damper, Add	*132.80*	
		For 3 Hour Rated, Add	*73.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.48*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.32	29.05
		For Spring Activated Horizontal Mount Operation, Add	*17.79*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*23.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.76*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.48	30.80
		For Spring Activated Horizontal Mount Operation, Add	*19.37*	
		For Dynamic Damper, Add	*46.48*	
		For 3 Hour Rated, Add	*25.82*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.52*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.77	34.19
		For Spring Activated Horizontal Mount Operation, Add	*20.95*	
		For Dynamic Damper, Add	*50.27*	
		For 3 Hour Rated, Add	*27.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.80	37.58
		For Spring Activated Horizontal Mount Operation, Add	*21.34*	
		For Dynamic Damper, Add	*51.22*	
		For 3 Hour Rated, Add	*28.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.72*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.99	41.07
		For Spring Activated Horizontal Mount Operation, Add	*23.13*	
		For Dynamic Damper, Add	*55.50*	
		For 3 Hour Rated, Add	*30.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.70*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.15	44.45
		For Spring Activated Horizontal Mount Operation, Add	*24.90*	
		For Dynamic Damper, Add	*59.76*	
		For 3 Hour Rated, Add	*33.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.67*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.96	47.85
		For Spring Activated Horizontal Mount Operation, Add	*27.27*	
		For Dynamic Damper, Add	*65.46*	
		For 3 Hour Rated, Add	*36.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.31*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.76	51.34
		For Spring Activated Horizontal Mount Operation, Add	*29.64*	
		For Dynamic Damper, Add	*71.15*	
		For 3 Hour Rated, Add	*39.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.94*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.84	54.72
		For Spring Activated Horizontal Mount Operation, Add	*33.20*	
		For Dynamic Damper, Add	*79.68*	
		For 3 Hour Rated, Add	*44.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.89*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.19	58.12
		For Spring Activated Horizontal Mount Operation, Add	*37.94*	
		For Dynamic Damper, Add	*91.07*	
		For 3 Hour Rated, Add	*50.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.16*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.87	59.86
		For Spring Activated Horizontal Mount Operation, Add	*41.89*	
		For Dynamic Damper, Add	*100.54*	
		For 3 Hour Rated, Add	*55.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.55*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.86	61.50
		For Spring Activated Horizontal Mount Operation, Add	*47.03*	
		For Dynamic Damper, Add	*112.88*	
		For 3 Hour Rated, Add	*62.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.26*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.20	64.99
		For Spring Activated Horizontal Mount Operation, Add	*51.77*	
		For Dynamic Damper, Add	*124.26*	
		For 3 Hour Rated, Add	*69.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.53*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.27	68.38
		For Spring Activated Horizontal Mount Operation, Add	*55.33*	
		For Dynamic Damper, Add	*132.80*	
		For 3 Hour Rated, Add	*73.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.48*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.76	73.52
		For Spring Activated Horizontal Mount Operation, Add	*60.08*	
		For Dynamic Damper, Add	*144.19*	
		For 3 Hour Rated, Add	*80.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.75*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	515.59	76.90
		For Spring Activated Horizontal Mount Operation, Add	*64.03*	
		For Dynamic Damper, Add	*153.67*	
		For 3 Hour Rated, Add	*85.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*71.15*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.97	30.80
		For Spring Activated Horizontal Mount Operation, Add	*18.58*	
		For Dynamic Damper, Add	*44.59*	
		For 3 Hour Rated, Add	*24.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.64*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.01	34.19
		For Spring Activated Horizontal Mount Operation, Add	*20.55*	
		For Dynamic Damper, Add	*49.32*	
		For 3 Hour Rated, Add	*27.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.84*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.56	37.58
		For Spring Activated Horizontal Mount Operation, Add	*21.74*	
		For Dynamic Damper, Add	*52.17*	
		For 3 Hour Rated, Add	*28.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.16*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.58	41.07
		For Spring Activated Horizontal Mount Operation, Add	*22.13*	
		For Dynamic Damper, Add	*53.12*	
		For 3 Hour Rated, Add	*29.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.52	44.45
		For Spring Activated Horizontal Mount Operation, Add	*24.31*	
		For Dynamic Damper, Add	*58.34*	
		For 3 Hour Rated, Add	*32.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.01*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.44	47.85
		For Spring Activated Horizontal Mount Operation, Add	*26.48*	
		For Dynamic Damper, Add	*63.56*	
		For 3 Hour Rated, Add	*35.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.43*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.37	51.34
		For Spring Activated Horizontal Mount Operation, Add	*28.66*	
		For Dynamic Damper, Add	*68.77*	
		For 3 Hour Rated, Add	*38.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.84*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.30	54.72
		For Spring Activated Horizontal Mount Operation, Add	*30.83*	
		For Dynamic Damper, Add	*73.99*	
		For 3 Hour Rated, Add	*41.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.26*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.64	58.12
		For Spring Activated Horizontal Mount Operation, Add	*35.57*	
		For Dynamic Damper, Add	*85.37*	
		For 3 Hour Rated, Add	*47.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.52*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	358.86	59.86
		For Spring Activated Horizontal Mount Operation, Add	*40.32*	
		For Dynamic Damper, Add	*96.76*	
		For 3 Hour Rated, Add	*53.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.80*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.32	61.50
		For Spring Activated Horizontal Mount Operation, Add	*44.66*	
		For Dynamic Damper, Add	*107.19*	
		For 3 Hour Rated, Add	*59.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.63*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.19	64.99
		For Spring Activated Horizontal Mount Operation, Add	*50.20*	
		For Dynamic Damper, Add	*120.47*	
		For 3 Hour Rated, Add	*66.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*55.78*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.51	68.38
		For Spring Activated Horizontal Mount Operation, Add	*54.94*	
		For Dynamic Damper, Add	*131.85*	
		For 3 Hour Rated, Add	*73.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.04*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.62	71.77
		For Spring Activated Horizontal Mount Operation, Add	*60.08*	
		For Dynamic Damper, Add	*144.19*	
		For 3 Hour Rated, Add	*80.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.75*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.46	75.26
		For Spring Activated Horizontal Mount Operation, Add	*64.03*	
		For Dynamic Damper, Add	*153.67*	
		For 3 Hour Rated, Add	*85.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*71.15*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.56	78.65
		For Spring Activated Horizontal Mount Operation, Add	*69.17*	
		For Dynamic Damper, Add	*166.00*	
		For 3 Hour Rated, Add	*92.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*76.85*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.67	82.03
		For Spring Activated Horizontal Mount Operation, Add	*74.31*	
		For Dynamic Damper, Add	*178.34*	
		For 3 Hour Rated, Add	*99.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*82.56*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.51	34.19
		For Spring Activated Horizontal Mount Operation, Add	*19.76*	
		For Dynamic Damper, Add	*47.43*	
		For 3 Hour Rated, Add	*26.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.96*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.56	37.58
		For Spring Activated Horizontal Mount Operation, Add	*21.74*	
		For Dynamic Damper, Add	*52.17*	
		For 3 Hour Rated, Add	*28.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.16*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.34	41.07
		For Spring Activated Horizontal Mount Operation, Add	*22.53*	
		For Dynamic Damper, Add	*54.07*	
		For 3 Hour Rated, Add	*30.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.03*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.37	44.45
		For Spring Activated Horizontal Mount Operation, Add	*22.93*	
		For Dynamic Damper, Add	*55.02*	
		For 3 Hour Rated, Add	*30.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.17	47.85
		For Spring Activated Horizontal Mount Operation, Add	*25.30*	
		For Dynamic Damper, Add	*60.71*	
		For 3 Hour Rated, Add	*33.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.11*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.98	51.34
		For Spring Activated Horizontal Mount Operation, Add	*27.67*	
		For Dynamic Damper, Add	*66.40*	
		For 3 Hour Rated, Add	*36.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.74*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.66	54.72
		For Spring Activated Horizontal Mount Operation, Add	*30.24*	
		For Dynamic Damper, Add	*72.57*	
		For 3 Hour Rated, Add	*40.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.60*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.35	58.12
		For Spring Activated Horizontal Mount Operation, Add	*32.81*	
		For Dynamic Damper, Add	*78.73*	
		For 3 Hour Rated, Add	*43.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.45*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.32	59.86
		For Spring Activated Horizontal Mount Operation, Add	*37.94*	
		For Dynamic Damper, Add	*91.07*	
		For 3 Hour Rated, Add	*50.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.16*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.53	61.50
		For Spring Activated Horizontal Mount Operation, Add	*42.68*	
		For Dynamic Damper, Add	*102.44*	
		For 3 Hour Rated, Add	*56.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.43*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.65	64.99
		For Spring Activated Horizontal Mount Operation, Add	*47.83*	
		For Dynamic Damper, Add	*114.78*	
		For 3 Hour Rated, Add	*63.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.14*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.74	68.38
		For Spring Activated Horizontal Mount Operation, Add	*52.97*	
		For Dynamic Damper, Add	*127.12*	
		For 3 Hour Rated, Add	*70.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.85*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	468.57	71.77
		For Spring Activated Horizontal Mount Operation, Add	*56.92*	
		For Dynamic Damper, Add	*136.60*	
		For 3 Hour Rated, Add	*75.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*63.24*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.94	75.26
		For Spring Activated Horizontal Mount Operation, Add	*63.24*	
		For Dynamic Damper, Add	*151.77*	
		For 3 Hour Rated, Add	*84.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*70.27*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.80	78.65
		For Spring Activated Horizontal Mount Operation, Add	*68.77*	
		For Dynamic Damper, Add	*165.05*	
		For 3 Hour Rated, Add	*91.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*76.41*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.67	82.03
		For Spring Activated Horizontal Mount Operation, Add	*74.31*	
		For Dynamic Damper, Add	*178.34*	
		For 3 Hour Rated, Add	*99.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*82.56*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.99	85.53
		For Spring Activated Horizontal Mount Operation, Add	*79.04*	
		For Dynamic Damper, Add	*189.71*	
		For 3 Hour Rated, Add	*105.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*87.83*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	639.37	88.92
		For Spring Activated Horizontal Mount Operation, Add	*83.79*	
		For Dynamic Damper, Add	*201.11*	
		For 3 Hour Rated, Add	*111.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*93.11*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.09	11.40
		For Spring Activated Horizontal Mount Operation, Add	*11.45*	
		For Dynamic Damper, Add	*27.49*	
		For 3 Hour Rated, Add	*15.27*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.80	11.91
		For Spring Activated Horizontal Mount Operation, Add	*11.94*	
		For Dynamic Damper, Add	*28.66*	
		For 3 Hour Rated, Add	*15.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.22	12.01
		For Spring Activated Horizontal Mount Operation, Add	*12.44*	
		For Dynamic Damper, Add	*29.85*	
		For 3 Hour Rated, Add	*16.58*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.22	12.01
		For Spring Activated Horizontal Mount Operation, Add	*12.44*	
		For Dynamic Damper, Add	*29.85*	
		For 3 Hour Rated, Add	*16.58*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.45	12.33
		For Spring Activated Horizontal Mount Operation, Add	*12.93*	
		For Dynamic Damper, Add	*31.04*	
		For 3 Hour Rated, Add	*17.24*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.93	13.66
		For Spring Activated Horizontal Mount Operation, Add	*13.92*	
		For Dynamic Damper, Add	*33.40*	
		For 3 Hour Rated, Add	*18.56*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.45	12.33
		For Spring Activated Horizontal Mount Operation, Add	*12.93*	
		For Dynamic Damper, Add	*31.04*	
		For 3 Hour Rated, Add	*17.24*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.88	13.04
		For Spring Activated Horizontal Mount Operation, Add	*13.92*	
		For Dynamic Damper, Add	*33.40*	
		For 3 Hour Rated, Add	*18.56*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.13	13.66
		For Spring Activated Horizontal Mount Operation, Add	*14.41*	
		For Dynamic Damper, Add	*34.59*	
		For 3 Hour Rated, Add	*19.22*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.47	15.40
		For Spring Activated Horizontal Mount Operation, Add	*14.91*	
		For Dynamic Damper, Add	*35.78*	
		For 3 Hour Rated, Add	*19.88*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.79	13.04
		For Spring Activated Horizontal Mount Operation, Add	*13.67*	
		For Dynamic Damper, Add	*32.82*	
		For 3 Hour Rated, Add	*18.23*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.13	13.66
		For Spring Activated Horizontal Mount Operation, Add	*14.41*	
		For Dynamic Damper, Add	*34.59*	
		For 3 Hour Rated, Add	*19.22*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.38	14.37
		For Spring Activated Horizontal Mount Operation, Add	*14.91*	
		For Dynamic Damper, Add	*35.78*	
		For 3 Hour Rated, Add	*19.88*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.66	15.40
		For Spring Activated Horizontal Mount Operation, Add	*15.40*	
		For Dynamic Damper, Add	*36.96*	
		For 3 Hour Rated, Add	*20.54*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.29	17.14
		For Spring Activated Horizontal Mount Operation, Add	*16.64*	
		For Dynamic Damper, Add	*39.93*	
		For 3 Hour Rated, Add	*22.19*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.55	13.66
		For Spring Activated Horizontal Mount Operation, Add	*20.13*	
		For Dynamic Damper, Add	*48.32*	
		For 3 Hour Rated, Add	*26.84*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.09	14.68
		For Spring Activated Horizontal Mount Operation, Add	*20.69*	
		For Dynamic Damper, Add	*49.65*	
		For 3 Hour Rated, Add	*27.58*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.66	16.12
		For Spring Activated Horizontal Mount Operation, Add	*21.24*	
		For Dynamic Damper, Add	*50.98*	
		For 3 Hour Rated, Add	*28.32*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.19	17.14
		For Spring Activated Horizontal Mount Operation, Add	*21.79*	
		For Dynamic Damper, Add	*52.30*	
		For 3 Hour Rated, Add	*29.06*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.50	18.78
		For Spring Activated Horizontal Mount Operation, Add	*23.18*	
		For Dynamic Damper, Add	*55.63*	
		For 3 Hour Rated, Add	*30.91*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.78	20.54
		For Spring Activated Horizontal Mount Operation, Add	*24.56*	
		For Dynamic Damper, Add	*58.95*	
		For 3 Hour Rated, Add	*32.75*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.06	14.37
		For Spring Activated Horizontal Mount Operation, Add	*20.69*	
		For Dynamic Damper, Add	*49.65*	
		For 3 Hour Rated, Add	*27.58*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.84	15.40
		For Spring Activated Horizontal Mount Operation, Add	*21.52*	
		For Dynamic Damper, Add	*51.64*	
		For 3 Hour Rated, Add	*28.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.68	17.14
		For Spring Activated Horizontal Mount Operation, Add	*22.35*	
		For Dynamic Damper, Add	*53.64*	
		For 3 Hour Rated, Add	*29.80*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.96	18.78
		For Spring Activated Horizontal Mount Operation, Add	*23.73*	
		For Dynamic Damper, Add	*56.96*	
		For 3 Hour Rated, Add	*31.64*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.00	20.54
		For Spring Activated Horizontal Mount Operation, Add	*24.84*	
		For Dynamic Damper, Add	*59.61*	
		For 3 Hour Rated, Add	*33.12*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.27	22.18
		For Spring Activated Horizontal Mount Operation, Add	*26.22*	
		For Dynamic Damper, Add	*62.93*	
		For 3 Hour Rated, Add	*34.96*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.10	23.92
		For Spring Activated Horizontal Mount Operation, Add	*27.05*	
		For Dynamic Damper, Add	*64.92*	
		For 3 Hour Rated, Add	*36.07*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.62	15.40
		For Spring Activated Horizontal Mount Operation, Add	*21.24*	
		For Dynamic Damper, Add	*50.98*	
		For 3 Hour Rated, Add	*28.32*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.65	17.14
		For Spring Activated Horizontal Mount Operation, Add	*22.34*	
		For Dynamic Damper, Add	*53.63*	
		For 3 Hour Rated, Add	*29.79*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.72	18.78
		For Spring Activated Horizontal Mount Operation, Add	*23.45*	
		For Dynamic Damper, Add	*56.29*	
		For 3 Hour Rated, Add	*31.27*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.71	20.54
		For Spring Activated Horizontal Mount Operation, Add	*25.67*	
		For Dynamic Damper, Add	*61.61*	
		For 3 Hour Rated, Add	*34.23*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.51	22.18
		For Spring Activated Horizontal Mount Operation, Add	*26.50*	
		For Dynamic Damper, Add	*63.60*	
		For 3 Hour Rated, Add	*35.33*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.33	23.92
		For Spring Activated Horizontal Mount Operation, Add	*27.33*	
		For Dynamic Damper, Add	*65.59*	
		For 3 Hour Rated, Add	*36.44*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.38	25.67
		For Spring Activated Horizontal Mount Operation, Add	*28.44*	
		For Dynamic Damper, Add	*68.25*	
		For 3 Hour Rated, Add	*37.91*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.42	27.31
		For Spring Activated Horizontal Mount Operation, Add	*29.54*	
		For Dynamic Damper, Add	*70.89*	
		For 3 Hour Rated, Add	*39.38*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.27	17.14
		For Spring Activated Horizontal Mount Operation, Add	*27.43*	
		For Dynamic Damper, Add	*65.84*	
		For 3 Hour Rated, Add	*36.58*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.80	18.78
		For Spring Activated Horizontal Mount Operation, Add	*29.10*	
		For Dynamic Damper, Add	*69.83*	
		For 3 Hour Rated, Add	*38.80*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.86	20.54
		For Spring Activated Horizontal Mount Operation, Add	*30.21*	
		For Dynamic Damper, Add	*72.50*	
		For 3 Hour Rated, Add	*40.28*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.34	22.18
		For Spring Activated Horizontal Mount Operation, Add	*31.86*	
		For Dynamic Damper, Add	*76.47*	
		For 3 Hour Rated, Add	*42.48*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.17	23.92
		For Spring Activated Horizontal Mount Operation, Add	*32.69*	
		For Dynamic Damper, Add	*78.46*	
		For 3 Hour Rated, Add	*43.59*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.99	25.67
		For Spring Activated Horizontal Mount Operation, Add	*33.52*	
		For Dynamic Damper, Add	*80.45*	
		For 3 Hour Rated, Add	*44.70*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.50	27.31
		For Spring Activated Horizontal Mount Operation, Add	*35.18*	
		For Dynamic Damper, Add	*84.43*	
		For 3 Hour Rated, Add	*46.91*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.13	30.80
		For Spring Activated Horizontal Mount Operation, Add	*36.84*	
		For Dynamic Damper, Add	*88.41*	
		For 3 Hour Rated, Add	*49.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.25	34.19
		For Spring Activated Horizontal Mount Operation, Add	*39.06*	
		For Dynamic Damper, Add	*93.73*	
		For 3 Hour Rated, Add	*52.07*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.80	18.78
		For Spring Activated Horizontal Mount Operation, Add	*29.10*	
		For Dynamic Damper, Add	*69.83*	
		For 3 Hour Rated, Add	*38.80*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.86	20.54
		For Spring Activated Horizontal Mount Operation, Add	*30.21*	
		For Dynamic Damper, Add	*72.50*	
		For 3 Hour Rated, Add	*40.28*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.34	22.18
		For Spring Activated Horizontal Mount Operation, Add	*31.86*	
		For Dynamic Damper, Add	*76.47*	
		For 3 Hour Rated, Add	*42.48*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.40	23.92
		For Spring Activated Horizontal Mount Operation, Add	*32.97*	
		For Dynamic Damper, Add	*79.13*	
		For 3 Hour Rated, Add	*43.96*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.68	25.67
		For Spring Activated Horizontal Mount Operation, Add	*34.35*	
		For Dynamic Damper, Add	*82.45*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.94	27.31
		For Spring Activated Horizontal Mount Operation, Add	*35.73*	
		For Dynamic Damper, Add	*85.75*	
		For 3 Hour Rated, Add	*47.64*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.59	30.80
		For Spring Activated Horizontal Mount Operation, Add	*37.39*	
		For Dynamic Damper, Add	*89.74*	
		For 3 Hour Rated, Add	*49.86*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.25	34.19
		For Spring Activated Horizontal Mount Operation, Add	*39.06*	
		For Dynamic Damper, Add	*93.73*	
		For 3 Hour Rated, Add	*52.07*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.14	35.94
		For Spring Activated Horizontal Mount Operation, Add	*42.37*	
		For Dynamic Damper, Add	*101.70*	
		For 3 Hour Rated, Add	*56.50*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.71	39.32
		For Spring Activated Horizontal Mount Operation, Add	*45.14*	
		For Dynamic Damper, Add	*108.35*	
		For 3 Hour Rated, Add	*60.19*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.22	20.54
		For Spring Activated Horizontal Mount Operation, Add	*31.86*	
		For Dynamic Damper, Add	*76.47*	
		For 3 Hour Rated, Add	*42.48*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.79	22.18
		For Spring Activated Horizontal Mount Operation, Add	*32.41*	
		For Dynamic Damper, Add	*77.79*	
		For 3 Hour Rated, Add	*43.22*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.40	23.92
		For Spring Activated Horizontal Mount Operation, Add	*32.97*	
		For Dynamic Damper, Add	*79.13*	
		For 3 Hour Rated, Add	*43.96*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.43	25.67
		For Spring Activated Horizontal Mount Operation, Add	*34.07*	
		For Dynamic Damper, Add	*81.77*	
		For 3 Hour Rated, Add	*45.43*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.42	27.31
		For Spring Activated Horizontal Mount Operation, Add	*35.84*	
		For Dynamic Damper, Add	*86.01*	
		For 3 Hour Rated, Add	*47.78*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.59	30.80
		For Spring Activated Horizontal Mount Operation, Add	*37.39*	
		For Dynamic Damper, Add	*89.74*	
		For 3 Hour Rated, Add	*49.86*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	278.72	34.19
		For Spring Activated Horizontal Mount Operation, Add	*39.61*	
		For Dynamic Damper, Add	*95.07*	
		For 3 Hour Rated, Add	*52.82*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.83	37.58
		For Spring Activated Horizontal Mount Operation, Add	*41.83*	
		For Dynamic Damper, Add	*100.38*	
		For 3 Hour Rated, Add	*55.77*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.71	39.32
		For Spring Activated Horizontal Mount Operation, Add	*45.14*	
		For Dynamic Damper, Add	*108.35*	
		For 3 Hour Rated, Add	*60.19*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.14	42.09
		For Spring Activated Horizontal Mount Operation, Add	*49.02*	
		For Dynamic Damper, Add	*117.64*	
		For 3 Hour Rated, Add	*65.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.00	44.45
		For Spring Activated Horizontal Mount Operation, Add	*53.44*	
		For Dynamic Damper, Add	*128.26*	
		For 3 Hour Rated, Add	*71.26*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.37	22.18
		For Spring Activated Horizontal Mount Operation, Add	*36.37*	
		For Dynamic Damper, Add	*87.29*	
		For 3 Hour Rated, Add	*48.49*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.11	23.92
		For Spring Activated Horizontal Mount Operation, Add	*37.63*	
		For Dynamic Damper, Add	*90.31*	
		For 3 Hour Rated, Add	*50.17*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.86	25.67
		For Spring Activated Horizontal Mount Operation, Add	*38.89*	
		For Dynamic Damper, Add	*93.34*	
		For 3 Hour Rated, Add	*51.86*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.45	27.31
		For Spring Activated Horizontal Mount Operation, Add	*40.79*	
		For Dynamic Damper, Add	*97.91*	
		For 3 Hour Rated, Add	*54.39*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.94	30.80
		For Spring Activated Horizontal Mount Operation, Add	*41.75*	
		For Dynamic Damper, Add	*100.19*	
		For 3 Hour Rated, Add	*55.66*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.29	32.44
		For Spring Activated Horizontal Mount Operation, Add	*42.69*	
		For Dynamic Damper, Add	*102.47*	
		For 3 Hour Rated, Add	*56.93*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	316.75	37.58
		For Spring Activated Horizontal Mount Operation, Add	*45.86*	
		For Dynamic Damper, Add	*110.06*	
		For 3 Hour Rated, Add	*61.14*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.05	41.07
		For Spring Activated Horizontal Mount Operation, Add	*49.01*	
		For Dynamic Damper, Add	*117.63*	
		For 3 Hour Rated, Add	*65.35*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.02	42.41
		For Spring Activated Horizontal Mount Operation, Add	*52.81*	
		For Dynamic Damper, Add	*126.74*	
		For 3 Hour Rated, Add	*70.41*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.74	45.48
		For Spring Activated Horizontal Mount Operation, Add	*57.87*	
		For Dynamic Damper, Add	*138.88*	
		For 3 Hour Rated, Add	*77.16*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.59	47.85
		For Spring Activated Horizontal Mount Operation, Add	*62.29*	
		For Dynamic Damper, Add	*149.50*	
		For 3 Hour Rated, Add	*83.06*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.22	49.59
		For Spring Activated Horizontal Mount Operation, Add	*67.35*	
		For Dynamic Damper, Add	*161.64*	
		For 3 Hour Rated, Add	*89.80*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.45	25.67
		For Spring Activated Horizontal Mount Operation, Add	*41.53*	
		For Dynamic Damper, Add	*99.67*	
		For 3 Hour Rated, Add	*55.37*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.83	27.31
		For Spring Activated Horizontal Mount Operation, Add	*44.06*	
		For Dynamic Damper, Add	*105.75*	
		For 3 Hour Rated, Add	*58.75*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.77	29.05
		For Spring Activated Horizontal Mount Operation, Add	*44.69*	
		For Dynamic Damper, Add	*107.26*	
		For 3 Hour Rated, Add	*59.59*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.72	30.80
		For Spring Activated Horizontal Mount Operation, Add	*45.33*	
		For Dynamic Damper, Add	*108.78*	
		For 3 Hour Rated, Add	*60.44*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.84	32.44
		For Spring Activated Horizontal Mount Operation, Add	*47.54*	
		For Dynamic Damper, Add	*114.10*	
		For 3 Hour Rated, Add	*63.39*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.80	34.19
		For Spring Activated Horizontal Mount Operation, Add	*49.75*	
		For Dynamic Damper, Add	*119.41*	
		For 3 Hour Rated, Add	*66.34*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.45	39.32
		For Spring Activated Horizontal Mount Operation, Add	*52.29*	
		For Dynamic Damper, Add	*125.49*	
		For 3 Hour Rated, Add	*69.71*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.96	42.71
		For Spring Activated Horizontal Mount Operation, Add	*54.81*	
		For Dynamic Damper, Add	*131.55*	
		For 3 Hour Rated, Add	*73.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.04	45.48
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.15*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.14	47.85
		For Spring Activated Horizontal Mount Operation, Add	*65.57*	
		For Dynamic Damper, Add	*157.36*	
		For 3 Hour Rated, Add	*87.42*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.21	50.62
		For Spring Activated Horizontal Mount Operation, Add	*69.36*	
		For Dynamic Damper, Add	*166.46*	
		For 3 Hour Rated, Add	*92.48*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	495.24	51.95
		For Spring Activated Horizontal Mount Operation, Add	*76.32*	
		For Dynamic Damper, Add	*183.16*	
		For 3 Hour Rated, Add	*101.75*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.57	54.72
		For Spring Activated Horizontal Mount Operation, Add	*82.64*	
		For Dynamic Damper, Add	*198.34*	
		For 3 Hour Rated, Add	*110.19*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.21	25.67
		For Spring Activated Horizontal Mount Operation, Add	*42.80*	
		For Dynamic Damper, Add	*102.71*	
		For 3 Hour Rated, Add	*57.06*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.59	27.31
		For Spring Activated Horizontal Mount Operation, Add	*45.33*	
		For Dynamic Damper, Add	*108.78*	
		For 3 Hour Rated, Add	*60.44*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.17	29.05
		For Spring Activated Horizontal Mount Operation, Add	*47.23*	
		For Dynamic Damper, Add	*113.35*	
		For 3 Hour Rated, Add	*62.97*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.11	30.80
		For Spring Activated Horizontal Mount Operation, Add	*47.86*	
		For Dynamic Damper, Add	*114.86*	
		For 3 Hour Rated, Add	*63.81*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.50	32.44
		For Spring Activated Horizontal Mount Operation, Add	*50.39*	
		For Dynamic Damper, Add	*120.94*	
		For 3 Hour Rated, Add	*67.19*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.87	34.19
		For Spring Activated Horizontal Mount Operation, Add	*52.92*	
		For Dynamic Damper, Add	*127.01*	
		For 3 Hour Rated, Add	*70.56*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.46	41.07
		For Spring Activated Horizontal Mount Operation, Add	*56.08*	
		For Dynamic Damper, Add	*134.60*	
		For 3 Hour Rated, Add	*74.78*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.77	44.45
		For Spring Activated Horizontal Mount Operation, Add	*59.24*	
		For Dynamic Damper, Add	*142.18*	
		For 3 Hour Rated, Add	*78.99*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.14	47.85
		For Spring Activated Horizontal Mount Operation, Add	*65.57*	
		For Dynamic Damper, Add	*157.36*	
		For 3 Hour Rated, Add	*87.42*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.71	51.34
		For Spring Activated Horizontal Mount Operation, Add	*71.26*	
		For Dynamic Damper, Add	*171.02*	
		For 3 Hour Rated, Add	*95.01*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.06	54.72
		For Spring Activated Horizontal Mount Operation, Add	*77.58*	
		For Dynamic Damper, Add	*186.18*	
		For 3 Hour Rated, Add	*103.43*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	539.49	56.36
		For Spring Activated Horizontal Mount Operation, Add	*83.27*	
		For Dynamic Damper, Add	*199.84*	
		For 3 Hour Rated, Add	*111.02*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.94	58.12
		For Spring Activated Horizontal Mount Operation, Add	*88.96*	
		For Dynamic Damper, Add	*213.51*	
		For 3 Hour Rated, Add	*118.62*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	600.37	59.86
		For Spring Activated Horizontal Mount Operation, Add	*94.66*	
		For Dynamic Damper, Add	*227.17*	
		For 3 Hour Rated, Add	*126.21*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.77	27.31
		For Spring Activated Horizontal Mount Operation, Add	*44.69*	
		For Dynamic Damper, Add	*107.26*	
		For 3 Hour Rated, Add	*59.59*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.17	29.05
		For Spring Activated Horizontal Mount Operation, Add	*47.23*	
		For Dynamic Damper, Add	*113.35*	
		For 3 Hour Rated, Add	*62.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.11	30.80
		For Spring Activated Horizontal Mount Operation, Add	*47.86*	
		For Dynamic Damper, Add	*114.86*	
		For 3 Hour Rated, Add	*63.81*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.80	34.19
		For Spring Activated Horizontal Mount Operation, Add	*49.75*	
		For Dynamic Damper, Add	*119.41*	
		For 3 Hour Rated, Add	*66.34*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.32	37.58
		For Spring Activated Horizontal Mount Operation, Add	*52.29*	
		For Dynamic Damper, Add	*125.49*	
		For 3 Hour Rated, Add	*69.71*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.83	41.07
		For Spring Activated Horizontal Mount Operation, Add	*54.81*	
		For Dynamic Damper, Add	*131.55*	
		For 3 Hour Rated, Add	*73.09*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.97	44.45
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.15*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.08	47.85
		For Spring Activated Horizontal Mount Operation, Add	*62.40*	
		For Dynamic Damper, Add	*149.76*	
		For 3 Hour Rated, Add	*83.20*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.66	51.34
		For Spring Activated Horizontal Mount Operation, Add	*68.10*	
		For Dynamic Damper, Add	*163.43*	
		For 3 Hour Rated, Add	*90.80*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.82	54.72
		For Spring Activated Horizontal Mount Operation, Add	*75.05*	
		For Dynamic Damper, Add	*180.11*	
		For 3 Hour Rated, Add	*100.06*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	528.27	56.36
		For Spring Activated Horizontal Mount Operation, Add	*80.74*	
		For Dynamic Damper, Add	*193.78*	
		For 3 Hour Rated, Add	*107.66*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	567.12	58.12
		For Spring Activated Horizontal Mount Operation, Add	*88.33*	
		For Dynamic Damper, Add	*211.99*	
		For 3 Hour Rated, Add	*117.77*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	602.71	61.50
		For Spring Activated Horizontal Mount Operation, Add	*94.03*	
		For Dynamic Damper, Add	*225.66*	
		For 3 Hour Rated, Add	*125.37*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	641.55	63.25
		For Spring Activated Horizontal Mount Operation, Add	*101.61*	
		For Dynamic Damper, Add	*243.86*	
		For 3 Hour Rated, Add	*135.48*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.43	68.38
		For Spring Activated Horizontal Mount Operation, Add	*106.67*	
		For Dynamic Damper, Add	*256.01*	
		For 3 Hour Rated, Add	*142.23*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.35	29.05
		For Spring Activated Horizontal Mount Operation, Add	*46.59*	
		For Dynamic Damper, Add	*111.82*	
		For 3 Hour Rated, Add	*62.12*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.73	30.80
		For Spring Activated Horizontal Mount Operation, Add	*49.12*	
		For Dynamic Damper, Add	*117.90*	
		For 3 Hour Rated, Add	*65.50*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.24	34.19
		For Spring Activated Horizontal Mount Operation, Add	*51.65*	
		For Dynamic Damper, Add	*123.97*	
		For 3 Hour Rated, Add	*68.87*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.32	37.58
		For Spring Activated Horizontal Mount Operation, Add	*52.29*	
		For Dynamic Damper, Add	*125.49*	
		For 3 Hour Rated, Add	*69.71*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	368.25	41.07
		For Spring Activated Horizontal Mount Operation, Add	*55.13*	
		For Dynamic Damper, Add	*132.32*	
		For 3 Hour Rated, Add	*73.51*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.15	44.45
		For Spring Activated Horizontal Mount Operation, Add	*57.98*	
		For Dynamic Damper, Add	*139.14*	
		For 3 Hour Rated, Add	*77.30*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.28	47.85
		For Spring Activated Horizontal Mount Operation, Add	*61.77*	
		For Dynamic Damper, Add	*148.25*	
		For 3 Hour Rated, Add	*82.36*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.41	51.34
		For Spring Activated Horizontal Mount Operation, Add	*65.57*	
		For Dynamic Damper, Add	*157.36*	
		For 3 Hour Rated, Add	*87.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.98	54.72
		For Spring Activated Horizontal Mount Operation, Add	*71.26*	
		For Dynamic Damper, Add	*171.02*	
		For 3 Hour Rated, Add	*95.01*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.96	58.12
		For Spring Activated Horizontal Mount Operation, Add	*78.84*	
		For Dynamic Damper, Add	*189.22*	
		For 3 Hour Rated, Add	*105.12*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	558.20	59.86
		For Spring Activated Horizontal Mount Operation, Add	*85.17*	
		For Dynamic Damper, Add	*204.40*	
		For 3 Hour Rated, Add	*113.56*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.89	61.50
		For Spring Activated Horizontal Mount Operation, Add	*93.39*	
		For Dynamic Damper, Add	*224.14*	
		For 3 Hour Rated, Add	*124.52*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	643.86	64.99
		For Spring Activated Horizontal Mount Operation, Add	*100.97*	
		For Dynamic Damper, Add	*242.34*	
		For 3 Hour Rated, Add	*134.63*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.43	68.38
		For Spring Activated Horizontal Mount Operation, Add	*106.67*	
		For Dynamic Damper, Add	*256.01*	
		For 3 Hour Rated, Add	*142.23*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	728.56	73.52
		For Spring Activated Horizontal Mount Operation, Add	*114.26*	
		For Dynamic Damper, Add	*274.22*	
		For 3 Hour Rated, Add	*152.34*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.93	76.90
		For Spring Activated Horizontal Mount Operation, Add	*120.58*	
		For Dynamic Damper, Add	*289.40*	
		For 3 Hour Rated, Add	*160.78*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.11	30.80
		For Spring Activated Horizontal Mount Operation, Add	*47.86*	
		For Dynamic Damper, Add	*114.86*	
		For 3 Hour Rated, Add	*63.81*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.42	34.19
		For Spring Activated Horizontal Mount Operation, Add	*51.02*	
		For Dynamic Damper, Add	*122.45*	
		For 3 Hour Rated, Add	*68.03*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.14	37.58
		For Spring Activated Horizontal Mount Operation, Add	*52.92*	
		For Dynamic Damper, Add	*127.01*	
		For 3 Hour Rated, Add	*70.56*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.20	41.07
		For Spring Activated Horizontal Mount Operation, Add	*53.55*	
		For Dynamic Damper, Add	*128.51*	
		For 3 Hour Rated, Add	*71.40*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.95	44.45
		For Spring Activated Horizontal Mount Operation, Add	*57.03*	
		For Dynamic Damper, Add	*136.87*	
		For 3 Hour Rated, Add	*76.04*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.66	47.85
		For Spring Activated Horizontal Mount Operation, Add	*60.51*	
		For Dynamic Damper, Add	*145.22*	
		For 3 Hour Rated, Add	*80.68*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.39	51.34
		For Spring Activated Horizontal Mount Operation, Add	*63.99*	
		For Dynamic Damper, Add	*153.57*	
		For 3 Hour Rated, Add	*85.31*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.10	54.72
		For Spring Activated Horizontal Mount Operation, Add	*67.46*	
		For Dynamic Damper, Add	*161.90*	
		For 3 Hour Rated, Add	*89.95*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.09	58.12
		For Spring Activated Horizontal Mount Operation, Add	*75.05*	
		For Dynamic Damper, Add	*180.11*	
		For 3 Hour Rated, Add	*100.06*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.97	59.86
		For Spring Activated Horizontal Mount Operation, Add	*82.64*	
		For Dynamic Damper, Add	*198.34*	
		For 3 Hour Rated, Add	*110.19*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.01	61.50
		For Spring Activated Horizontal Mount Operation, Add	*89.59*	
		For Dynamic Damper, Add	*215.02*	
		For 3 Hour Rated, Add	*119.46*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	632.64	64.99
		For Spring Activated Horizontal Mount Operation, Add	*98.45*	
		For Dynamic Damper, Add	*236.28*	
		For 3 Hour Rated, Add	*131.27*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	676.61	68.38
		For Spring Activated Horizontal Mount Operation, Add	*106.04*	
		For Dynamic Damper, Add	*254.49*	
		For 3 Hour Rated, Add	*141.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	723.42	71.77
		For Spring Activated Horizontal Mount Operation, Add	*114.26*	
		For Dynamic Damper, Add	*274.22*	
		For 3 Hour Rated, Add	*152.34*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	761.80	75.26
		For Spring Activated Horizontal Mount Operation, Add	*120.58*	
		For Dynamic Damper, Add	*289.40*	
		For 3 Hour Rated, Add	*160.78*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.61	78.65
		For Spring Activated Horizontal Mount Operation, Add	*128.80*	
		For Dynamic Damper, Add	*309.13*	
		For 3 Hour Rated, Add	*171.74*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	855.42	82.03
		For Spring Activated Horizontal Mount Operation, Add	*137.03*	
		For Dynamic Damper, Add	*328.86*	
		For 3 Hour Rated, Add	*182.70*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.80	34.19
		For Spring Activated Horizontal Mount Operation, Add	*49.75*	
		For Dynamic Damper, Add	*119.41*	
		For 3 Hour Rated, Add	*66.34*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.14	37.58
		For Spring Activated Horizontal Mount Operation, Add	*52.92*	
		For Dynamic Damper, Add	*127.01*	
		For 3 Hour Rated, Add	*70.56*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.01	41.07
		For Spring Activated Horizontal Mount Operation, Add	*54.18*	
		For Dynamic Damper, Add	*130.03*	
		For 3 Hour Rated, Add	*72.24*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.10	44.45
		For Spring Activated Horizontal Mount Operation, Add	*54.81*	
		For Dynamic Damper, Add	*131.55*	
		For 3 Hour Rated, Add	*73.09*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.23	47.85
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.15*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	431.35	51.34
		For Spring Activated Horizontal Mount Operation, Add	*62.40*	
		For Dynamic Damper, Add	*149.76*	
		For 3 Hour Rated, Add	*83.20*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.89	54.72
		For Spring Activated Horizontal Mount Operation, Add	*66.51*	
		For Dynamic Damper, Add	*159.63*	
		For 3 Hour Rated, Add	*88.68*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.43	58.12
		For Spring Activated Horizontal Mount Operation, Add	*70.62*	
		For Dynamic Damper, Add	*169.50*	
		For 3 Hour Rated, Add	*94.16*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.09	59.86
		For Spring Activated Horizontal Mount Operation, Add	*78.84*	
		For Dynamic Damper, Add	*189.22*	
		For 3 Hour Rated, Add	*105.12*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.96	61.50
		For Spring Activated Horizontal Mount Operation, Add	*86.43*	
		For Dynamic Damper, Add	*207.44*	
		For 3 Hour Rated, Add	*115.24*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.78	64.99
		For Spring Activated Horizontal Mount Operation, Add	*94.66*	
		For Dynamic Damper, Add	*227.17*	
		For 3 Hour Rated, Add	*126.21*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	662.57	68.38
		For Spring Activated Horizontal Mount Operation, Add	*102.88*	
		For Dynamic Damper, Add	*246.90*	
		For 3 Hour Rated, Add	*137.17*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.94	71.77
		For Spring Activated Horizontal Mount Operation, Add	*109.20*	
		For Dynamic Damper, Add	*262.08*	
		For 3 Hour Rated, Add	*145.60*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	756.17	75.26
		For Spring Activated Horizontal Mount Operation, Add	*119.32*	
		For Dynamic Damper, Add	*286.36*	
		For 3 Hour Rated, Add	*159.09*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	805.79	78.65
		For Spring Activated Horizontal Mount Operation, Add	*128.17*	
		For Dynamic Damper, Add	*307.61*	
		For 3 Hour Rated, Add	*170.89*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	855.42	82.03
		For Spring Activated Horizontal Mount Operation, Add	*137.03*	
		For Dynamic Damper, Add	*328.86*	
		For 3 Hour Rated, Add	*182.70*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	899.38	85.53
		For Spring Activated Horizontal Mount Operation, Add	*144.61*	
		For Dynamic Damper, Add	*347.06*	
		For 3 Hour Rated, Add	*192.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	943.41	88.92
		For Spring Activated Horizontal Mount Operation, Add	*152.20*	
		For Dynamic Damper, Add	*365.29*	
		For 3 Hour Rated, Add	*202.94*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	70.85	20.54
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	72.98	20.54
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	84.98	23.31
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	87.29	23.31
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	102.40	25.67
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	108.78	25.67
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	120.88	28.54
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	135.84	32.14
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	154.59	36.65

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	80.02	23.31
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	85.83	23.31
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	96.39	25.67
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	103.89	25.67
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	117.10	28.54
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	121.67	28.54
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	135.98	32.14
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	151.68	36.65
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	176.96	42.81

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.88	17.09
		For Dynamic Damper, Add	*245.48*	
		For 3 Hour Rated, Add	*136.38*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	519.27	17.87
		For Dynamic Damper, Add	*251.47*	
		For 3 Hour Rated, Add	*139.70*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.83	18.02
		For Dynamic Damper, Add	*257.54*	
		For 3 Hour Rated, Add	*143.08*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.91	18.02
		For Dynamic Damper, Add	*294.84*	
		For 3 Hour Rated, Add	*163.80*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	614.23	18.48
		For Dynamic Damper, Add	*301.74*	
		For 3 Hour Rated, Add	*167.63*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.05	20.49
		For Dynamic Damper, Add	*315.60*	
		For 3 Hour Rated, Add	*175.33*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	614.23	18.48
		For Dynamic Damper, Add	*301.74*	
		For 3 Hour Rated, Add	*167.63*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	642.96	19.56
		For Dynamic Damper, Add	*315.60*	
		For 3 Hour Rated, Add	*175.33*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.83	20.49
		For Dynamic Damper, Add	*322.50*	
		For 3 Hour Rated, Add	*179.17*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.39	23.10
		For Dynamic Damper, Add	*329.45*	
		For 3 Hour Rated, Add	*183.03*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.56	19.56
		For Dynamic Damper, Add	*312.14*	
		For 3 Hour Rated, Add	*173.41*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.83	20.49
		For Dynamic Damper, Add	*322.50*	
		For 3 Hour Rated, Add	*179.17*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	674.78	21.57
		For Dynamic Damper, Add	*329.45*	
		For 3 Hour Rated, Add	*183.03*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	692.26	23.10
		For Dynamic Damper, Add	*336.40*	
		For 3 Hour Rated, Add	*186.89*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.01	25.72
		For Dynamic Damper, Add	*353.71*	
		For 3 Hour Rated, Add	*196.50*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	642.22	20.49
		For Dynamic Damper, Add	*313.53*	
		For 3 Hour Rated, Add	*174.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.84	22.02
		For Dynamic Damper, Add	*317.31*	
		For 3 Hour Rated, Add	*176.29*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	667.02	24.18
		For Dynamic Damper, Add	*321.10*	
		For 3 Hour Rated, Add	*178.39*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	678.55	25.72
		For Dynamic Damper, Add	*324.84*	
		For 3 Hour Rated, Add	*180.47*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.75	28.19
		For Dynamic Damper, Add	*334.29*	
		For 3 Hour Rated, Add	*185.72*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	728.91	30.80
		For Dynamic Damper, Add	*343.72*	
		For 3 Hour Rated, Add	*190.95*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	652.31	21.57
		For Dynamic Damper, Add	*317.31*	
		For 3 Hour Rated, Add	*176.29*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	667.37	23.10
		For Dynamic Damper, Add	*322.96*	
		For 3 Hour Rated, Add	*179.42*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.61	25.72
		For Dynamic Damper, Add	*328.65*	
		For 3 Hour Rated, Add	*182.58*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	710.76	28.19
		For Dynamic Damper, Add	*338.07*	
		For 3 Hour Rated, Add	*187.82*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.39	30.80
		For Dynamic Damper, Add	*345.59*	
		For 3 Hour Rated, Add	*192.00*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	757.54	33.27
		For Dynamic Damper, Add	*355.02*	
		For 3 Hour Rated, Add	*197.23*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	775.74	35.89
		For Dynamic Damper, Add	*360.68*	
		For 3 Hour Rated, Add	*200.38*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.93	23.10
		For Dynamic Damper, Add	*321.10*	
		For 3 Hour Rated, Add	*178.39*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.56	25.72
		For Dynamic Damper, Add	*328.62*	
		For 3 Hour Rated, Add	*182.57*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.23	28.19
		For Dynamic Damper, Add	*336.17*	
		For 3 Hour Rated, Add	*186.76*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	742.93	30.80
		For Dynamic Damper, Add	*351.29*	
		For 3 Hour Rated, Add	*195.16*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	761.07	33.27
		For Dynamic Damper, Add	*356.92*	
		For 3 Hour Rated, Add	*198.29*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	779.23	35.89
		For Dynamic Damper, Add	*362.57*	
		For 3 Hour Rated, Add	*201.43*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.90	38.51
		For Dynamic Damper, Add	*370.11*	
		For 3 Hour Rated, Add	*205.62*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	822.53	40.97
		For Dynamic Damper, Add	*377.63*	
		For 3 Hour Rated, Add	*209.80*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.11	25.72
		For Dynamic Damper, Add	*325.14*	
		For 3 Hour Rated, Add	*180.63*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.94	28.19
		For Dynamic Damper, Add	*332.77*	
		For 3 Hour Rated, Add	*184.87*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	718.09	30.80
		For Dynamic Damper, Add	*337.87*	
		For 3 Hour Rated, Add	*187.71*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.86	33.27
		For Dynamic Damper, Add	*345.47*	
		For 3 Hour Rated, Add	*191.93*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	754.63	35.89
		For Dynamic Damper, Add	*349.28*	
		For 3 Hour Rated, Add	*194.05*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	769.37	38.51
		For Dynamic Damper, Add	*353.08*	
		For 3 Hour Rated, Add	*196.16*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	791.17	40.97
		For Dynamic Damper, Add	*360.70*	
		For 3 Hour Rated, Add	*200.39*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	820.67	46.21
		For Dynamic Damper, Add	*368.31*	
		For 3 Hour Rated, Add	*204.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.89	51.29
		For Dynamic Damper, Add	*378.48*	
		For 3 Hour Rated, Add	*210.26*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.94	28.19
		For Dynamic Damper, Add	*332.77*	
		For 3 Hour Rated, Add	*184.87*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	718.09	30.80
		For Dynamic Damper, Add	*337.87*	
		For 3 Hour Rated, Add	*187.71*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.86	33.27
		For Dynamic Damper, Add	*345.47*	
		For 3 Hour Rated, Add	*191.93*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	756.98	35.89
		For Dynamic Damper, Add	*350.55*	
		For 3 Hour Rated, Add	*194.75*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	776.43	38.51
		For Dynamic Damper, Add	*356.90*	
		For 3 Hour Rated, Add	*198.28*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	795.85	40.97
		For Dynamic Damper, Add	*363.23*	
		For 3 Hour Rated, Add	*201.79*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	825.35	46.21
		For Dynamic Damper, Add	*370.84*	
		For 3 Hour Rated, Add	*206.02*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.89	51.29
		For Dynamic Damper, Add	*378.48*	
		For 3 Hour Rated, Add	*210.26*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	890.79	53.91
		For Dynamic Damper, Add	*393.70*	
		For 3 Hour Rated, Add	*218.72*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	929.71	58.99
		For Dynamic Damper, Add	*406.40*	
		For 3 Hour Rated, Add	*225.78*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.16	30.80
		For Dynamic Damper, Add	*345.47*	
		For 3 Hour Rated, Add	*191.93*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	744.54	33.27
		For Dynamic Damper, Add	*348.00*	
		For 3 Hour Rated, Add	*193.33*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	756.98	35.89
		For Dynamic Damper, Add	*350.55*	
		For 3 Hour Rated, Add	*194.75*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.05	38.51
		For Dynamic Damper, Add	*355.61*	
		For 3 Hour Rated, Add	*197.56*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	796.73	40.97
		For Dynamic Damper, Add	*363.70*	
		For 3 Hour Rated, Add	*202.06*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	825.35	46.21
		For Dynamic Damper, Add	*370.84*	
		For 3 Hour Rated, Add	*206.02*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	859.61	51.29
		For Dynamic Damper, Add	*381.02*	
		For 3 Hour Rated, Add	*211.68*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	893.83	56.36
		For Dynamic Damper, Add	*391.19*	
		For 3 Hour Rated, Add	*217.33*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	929.71	58.99
		For Dynamic Damper, Add	*406.40*	
		For 3 Hour Rated, Add	*225.78*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	974.97	63.15
		For Dynamic Damper, Add	*424.19*	
		For 3 Hour Rated, Add	*235.66*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,023.33	66.68
		For Dynamic Damper, Add	*444.48*	
		For 3 Hour Rated, Add	*246.94*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	768.68	33.27
		For Dynamic Damper, Add	*361.03*	
		For 3 Hour Rated, Add	*200.57*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	786.58	35.89
		For Dynamic Damper, Add	*366.54*	
		For 3 Hour Rated, Add	*203.63*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	804.51	38.51
		For Dynamic Damper, Add	*372.06*	
		For 3 Hour Rated, Add	*206.70*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	827.56	40.97
		For Dynamic Damper, Add	*380.35*	
		For 3 Hour Rated, Add	*211.31*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	850.65	46.21
		For Dynamic Damper, Add	*384.50*	
		For 3 Hour Rated, Add	*213.61*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	866.01	48.67
		For Dynamic Damper, Add	*388.64*	
		For 3 Hour Rated, Add	*215.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	914.68	56.36
		For Dynamic Damper, Add	*402.45*	
		For 3 Hour Rated, Add	*223.58*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	955.60	61.61
		For Dynamic Damper, Add	*416.22*	
		For 3 Hour Rated, Add	*231.23*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	992.42	63.61
		For Dynamic Damper, Add	*432.78*	
		For 3 Hour Rated, Add	*240.44*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,047.18	68.23
		For Dynamic Damper, Add	*454.87*	
		For 3 Hour Rated, Add	*252.71*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,093.69	71.77
		For Dynamic Damper, Add	*474.16*	
		For 3 Hour Rated, Add	*263.42*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,142.28	74.38
		For Dynamic Damper, Add	*496.24*	
		For 3 Hour Rated, Add	*275.69*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,242.91	38.51
		For Dynamic Damper, Add	*612.95*	
		For 3 Hour Rated, Add	*340.53*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,278.01	40.97
		For Dynamic Damper, Add	*627.75*	
		For 3 Hour Rated, Add	*348.75*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,292.59	43.59
		For Dynamic Damper, Add	*631.47*	
		For 3 Hour Rated, Add	*350.81*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,307.17	46.21
		For Dynamic Damper, Add	*635.18*	
		For 3 Hour Rated, Add	*352.88*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,346.58	48.67
		For Dynamic Damper, Add	*648.15*	
		For 3 Hour Rated, Add	*360.08*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,378.33	51.29
		For Dynamic Damper, Add	*661.13*	
		For 3 Hour Rated, Add	*367.30*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,428.88	58.99
		For Dynamic Damper, Add	*675.95*	
		For 3 Hour Rated, Add	*375.53*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,471.69	64.06
		For Dynamic Damper, Add	*690.75*	
		For 3 Hour Rated, Add	*383.75*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,525.21	68.23
		For Dynamic Damper, Add	*713.01*	
		For 3 Hour Rated, Add	*396.11*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,611.40	71.77
		For Dynamic Damper, Add	*753.73*	
		For 3 Hour Rated, Add	*418.74*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,664.86	75.93
		For Dynamic Damper, Add	*775.94*	
		For 3 Hour Rated, Add	*431.08*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,746.51	77.93
		For Dynamic Damper, Add	*816.70*	
		For 3 Hour Rated, Add	*453.72*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,827.45	82.08
		For Dynamic Damper, Add	*853.76*	
		For 3 Hour Rated, Add	*474.31*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,264.33	38.51
		For Dynamic Damper, Add	*620.36*	
		For 3 Hour Rated, Add	*344.65*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,299.47	40.97
		For Dynamic Damper, Add	*635.18*	
		For 3 Hour Rated, Add	*352.88*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,327.78	43.59
		For Dynamic Damper, Add	*646.31*	
		For 3 Hour Rated, Add	*359.06*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,342.36	46.21
		For Dynamic Damper, Add	*650.03*	
		For 3 Hour Rated, Add	*361.13*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,377.51	48.67
		For Dynamic Damper, Add	*664.85*	
		For 3 Hour Rated, Add	*369.36*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,412.61	51.29
		For Dynamic Damper, Add	*679.64*	
		For 3 Hour Rated, Add	*377.58*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,477.75	61.61
		For Dynamic Damper, Add	*698.18*	
		For 3 Hour Rated, Add	*387.88*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,527.38	66.68
		For Dynamic Damper, Add	*716.67*	
		For 3 Hour Rated, Add	*398.15*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,611.40	71.77
		For Dynamic Damper, Add	*753.73*	
		For 3 Hour Rated, Add	*418.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,688.53	77.00
		For Dynamic Damper, Add	*787.06*	
		For 3 Hour Rated, Add	*437.26*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,772.51	82.08
		For Dynamic Damper, Add	*824.09*	
		For 3 Hour Rated, Add	*457.83*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,841.95	84.55
		For Dynamic Damper, Add	*857.43*	
		For 3 Hour Rated, Add	*476.35*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,911.42	87.17
		For Dynamic Damper, Add	*890.78*	
		For 3 Hour Rated, Add	*494.88*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,980.89	89.79
		For Dynamic Damper, Add	*924.14*	
		For 3 Hour Rated, Add	*513.41*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,292.59	40.97
		For Dynamic Damper, Add	*631.47*	
		For 3 Hour Rated, Add	*350.81*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,327.78	43.59
		For Dynamic Damper, Add	*646.31*	
		For 3 Hour Rated, Add	*359.06*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,342.36	46.21
		For Dynamic Damper, Add	*650.03*	
		For 3 Hour Rated, Add	*361.13*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,378.33	51.29
		For Dynamic Damper, Add	*661.13*	
		For 3 Hour Rated, Add	*367.30*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,421.17	56.36
		For Dynamic Damper, Add	*675.95*	
		For 3 Hour Rated, Add	*375.53*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,463.99	61.61
		For Dynamic Damper, Add	*690.75*	
		For 3 Hour Rated, Add	*383.75*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,520.59	66.68
		For Dynamic Damper, Add	*713.01*	
		For 3 Hour Rated, Add	*396.11*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,577.11	71.77
		For Dynamic Damper, Add	*735.21*	
		For 3 Hour Rated, Add	*408.45*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,654.24	77.00
		For Dynamic Damper, Add	*768.54*	
		For 3 Hour Rated, Add	*426.97*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,745.07	82.08
		For Dynamic Damper, Add	*809.27*	
		For 3 Hour Rated, Add	*449.60*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,814.58	84.55
		For Dynamic Damper, Add	*842.65*	
		For 3 Hour Rated, Add	*468.14*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,904.54	87.17
		For Dynamic Damper, Add	*887.07*	
		For 3 Hour Rated, Add	*492.82*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,981.71	92.25
		For Dynamic Damper, Add	*920.42*	
		For 3 Hour Rated, Add	*511.35*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,071.75	94.87
		For Dynamic Damper, Add	*964.89*	
		For 3 Hour Rated, Add	*536.05*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,149.71	102.57
		For Dynamic Damper, Add	*994.51*	
		For 3 Hour Rated, Add	*552.50*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,320.90	43.59
		For Dynamic Damper, Add	*642.59*	
		For 3 Hour Rated, Add	*357.00*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,356.04	46.21
		For Dynamic Damper, Add	*657.41*	
		For 3 Hour Rated, Add	*365.23*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,398.89	51.29
		For Dynamic Damper, Add	*672.24*	
		For 3 Hour Rated, Add	*373.46*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,421.17	56.36
		For Dynamic Damper, Add	*675.95*	
		For 3 Hour Rated, Add	*375.53*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,467.47	61.61
		For Dynamic Damper, Add	*692.63*	
		For 3 Hour Rated, Add	*384.80*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,513.70	66.68
		For Dynamic Damper, Add	*709.28*	
		For 3 Hour Rated, Add	*394.05*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,570.27	71.77
		For Dynamic Damper, Add	*731.52*	
		For 3 Hour Rated, Add	*406.40*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,626.80	77.00
		For Dynamic Damper, Add	*753.73*	
		For 3 Hour Rated, Add	*418.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,703.94	82.08
		For Dynamic Damper, Add	*787.06*	
		For 3 Hour Rated, Add	*437.26*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,801.68	87.17
		For Dynamic Damper, Add	*831.52*	
		For 3 Hour Rated, Add	*461.96*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,877.91	89.79
		For Dynamic Damper, Add	*868.53*	
		For 3 Hour Rated, Add	*482.52*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,974.87	92.25
		For Dynamic Damper, Add	*916.73*	
		For 3 Hour Rated, Add	*509.30*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,072.52	97.49
		For Dynamic Damper, Add	*961.15*	
		For 3 Hour Rated, Add	*533.97*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,149.71	102.57
		For Dynamic Damper, Add	*994.51*	
		For 3 Hour Rated, Add	*552.50*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,255.09	110.27
		For Dynamic Damper, Add	*1,038.94*	
		For 3 Hour Rated, Add	*577.19*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,339.11	115.35
		For Dynamic Damper, Add	*1,076.00*	
		For 3 Hour Rated, Add	*597.78*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,342.36	46.21
		For Dynamic Damper, Add	*650.03*	
		For 3 Hour Rated, Add	*361.13*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,392.01	51.29
		For Dynamic Damper, Add	*668.52*	
		For 3 Hour Rated, Add	*371.40*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,428.01	56.36
		For Dynamic Damper, Add	*679.64*	
		For 3 Hour Rated, Add	*377.58*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,450.26	61.61
		For Dynamic Damper, Add	*683.34*	
		For 3 Hour Rated, Add	*379.63*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,503.42	66.68
		For Dynamic Damper, Add	*703.73*	
		For 3 Hour Rated, Add	*390.96*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,556.55	71.77
		For Dynamic Damper, Add	*724.11*	
		For 3 Hour Rated, Add	*402.28*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,609.64	77.00
		For Dynamic Damper, Add	*744.46*	
		For 3 Hour Rated, Add	*413.59*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,662.77	82.08
		For Dynamic Damper, Add	*764.83*	
		For 3 Hour Rated, Add	*424.91*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,760.47	87.17
		For Dynamic Damper, Add	*809.27*	
		For 3 Hour Rated, Add	*449.60*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,850.55	89.79
		For Dynamic Damper, Add	*853.76*	
		For 3 Hour Rated, Add	*474.31*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,933.66	92.25
		For Dynamic Damper, Add	*894.48*	
		For 3 Hour Rated, Add	*496.93*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,045.12	97.49
		For Dynamic Damper, Add	*946.35*	
		For 3 Hour Rated, Add	*525.75*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,142.83	102.57
		For Dynamic Damper, Add	*990.79*	
		For 3 Hour Rated, Add	*550.44*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,247.40	107.65
		For Dynamic Damper, Add	*1,038.94*	
		For 3 Hour Rated, Add	*577.19*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,331.41	112.89
		For Dynamic Damper, Add	*1,076.00*	
		For 3 Hour Rated, Add	*597.78*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,435.99	117.97
		For Dynamic Damper, Add	*1,124.16*	
		For 3 Hour Rated, Add	*624.53*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,540.56	123.06
		For Dynamic Damper, Add	*1,172.31*	
		For 3 Hour Rated, Add	*651.28*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,378.33	51.29
		For Dynamic Damper, Add	*661.13*	
		For 3 Hour Rated, Add	*367.30*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,428.01	56.36
		For Dynamic Damper, Add	*679.64*	
		For 3 Hour Rated, Add	*377.58*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,457.15	61.61
		For Dynamic Damper, Add	*687.06*	
		For 3 Hour Rated, Add	*381.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,479.38	66.68
		For Dynamic Damper, Add	*690.75*	
		For 3 Hour Rated, Add	*383.75*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,535.99	71.77
		For Dynamic Damper, Add	*713.01*	
		For 3 Hour Rated, Add	*396.11*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,592.51	77.00
		For Dynamic Damper, Add	*735.21*	
		For 3 Hour Rated, Add	*408.45*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,652.49	82.08
		For Dynamic Damper, Add	*759.28*	
		For 3 Hour Rated, Add	*421.82*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,712.50	87.17
		For Dynamic Damper, Add	*783.37*	
		For 3 Hour Rated, Add	*435.20*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,809.38	89.79
		For Dynamic Damper, Add	*831.52*	
		For 3 Hour Rated, Add	*461.96*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,899.37	92.25
		For Dynamic Damper, Add	*875.96*	
		For 3 Hour Rated, Add	*486.65*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,003.99	97.49
		For Dynamic Damper, Add	*924.14*	
		For 3 Hour Rated, Add	*513.41*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,108.58	102.57
		For Dynamic Damper, Add	*972.30*	
		For 3 Hour Rated, Add	*540.17*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,192.55	107.65
		For Dynamic Damper, Add	*1,009.32*	
		For 3 Hour Rated, Add	*560.74*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,317.68	112.89
		For Dynamic Damper, Add	*1,068.58*	
		For 3 Hour Rated, Add	*593.66*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,429.14	117.97
		For Dynamic Damper, Add	*1,120.46*	
		For 3 Hour Rated, Add	*622.48*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,540.56	123.06
		For Dynamic Damper, Add	*1,172.31*	
		For 3 Hour Rated, Add	*651.28*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,638.23	128.29
		For Dynamic Damper, Add	*1,216.73*	
		For 3 Hour Rated, Add	*675.96*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,736.05	133.37
		For Dynamic Damper, Add	*1,261.23*	
		For 3 Hour Rated, Add	*700.69*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.04	11.40
		For Dynamic Damper, Add	*39.34*	
		For 3 Hour Rated, Add	*21.86*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.40	11.91
		For Dynamic Damper, Add	*40.32*	
		For 3 Hour Rated, Add	*22.40*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.47	12.01
		For Dynamic Damper, Add	*41.33*	
		For 3 Hour Rated, Add	*22.96*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.47	12.01
		For Dynamic Damper, Add	*41.33*	
		For 3 Hour Rated, Add	*22.96*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.34	12.33
		For Dynamic Damper, Add	*42.32*	
		For 3 Hour Rated, Add	*23.51*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.12	13.66
		For Dynamic Damper, Add	*44.31*	
		For 3 Hour Rated, Add	*24.62*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.34	12.33
		For Dynamic Damper, Add	*42.32*	
		For 3 Hour Rated, Add	*23.51*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.07	13.04
		For Dynamic Damper, Add	*44.31*	
		For 3 Hour Rated, Add	*24.62*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.97	13.66
		For Dynamic Damper, Add	*45.31*	
		For 3 Hour Rated, Add	*25.17*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.95	15.40
		For Dynamic Damper, Add	*46.30*	
		For 3 Hour Rated, Add	*25.72*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.16	13.04
		For Dynamic Damper, Add	*43.82*	
		For 3 Hour Rated, Add	*24.34*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.97	13.66
		For Dynamic Damper, Add	*45.31*	
		For 3 Hour Rated, Add	*25.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.86	14.37
		For Dynamic Damper, Add	*46.30*	
		For 3 Hour Rated, Add	*25.72*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.81	15.40
		For Dynamic Damper, Add	*47.30*	
		For 3 Hour Rated, Add	*26.28*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.54	17.14
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*27.66*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.14	13.66
		For Dynamic Damper, Add	*81.58*	
		For 3 Hour Rated, Add	*45.32*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.06	14.68
		For Dynamic Damper, Add	*82.57*	
		For 3 Hour Rated, Add	*45.87*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.01	16.12
		For Dynamic Damper, Add	*83.57*	
		For 3 Hour Rated, Add	*46.43*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.93	17.14
		For Dynamic Damper, Add	*84.56*	
		For 3 Hour Rated, Add	*46.98*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.70	18.78
		For Dynamic Damper, Add	*87.06*	
		For 3 Hour Rated, Add	*48.37*	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.44	20.54
		For Dynamic Damper, Add	*89.55*	
		For 3 Hour Rated, Add	*49.75*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.03	14.37
		For Dynamic Damper, Add	*82.57*	
		For 3 Hour Rated, Add	*45.87*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	201.89	15.40
		For Dynamic Damper, Add	*84.07*	
		For 3 Hour Rated, Add	*46.70*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.80	17.14
		For Dynamic Damper, Add	*85.57*	
		For 3 Hour Rated, Add	*47.54*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.54	18.78
		For Dynamic Damper, Add	*88.05*	
		For 3 Hour Rated, Add	*48.92*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.35	20.54
		For Dynamic Damper, Add	*90.04*	
		For 3 Hour Rated, Add	*50.02*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.09	22.18
		For Dynamic Damper, Add	*92.53*	
		For 3 Hour Rated, Add	*51.41*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.00	23.92
		For Dynamic Damper, Add	*94.03*	
		For 3 Hour Rated, Add	*52.24*	
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.97	15.40
		For Dynamic Damper, Add	*83.57*	
		For 3 Hour Rated, Add	*46.43*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.78	17.14
		For Dynamic Damper, Add	*85.56*	
		For 3 Hour Rated, Add	*47.53*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.62	18.78
		For Dynamic Damper, Add	*87.56*	
		For 3 Hour Rated, Add	*48.64*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.13	20.54
		For Dynamic Damper, Add	*91.54*	
		For 3 Hour Rated, Add	*50.86*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.02	22.18
		For Dynamic Damper, Add	*93.04*	
		For 3 Hour Rated, Add	*51.69*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.93	23.92
		For Dynamic Damper, Add	*94.53*	
		For 3 Hour Rated, Add	*52.52*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.74	25.67
		For Dynamic Damper, Add	*96.52*	
		For 3 Hour Rated, Add	*53.62*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.56	27.31
		For Dynamic Damper, Add	*98.51*	
		For 3 Hour Rated, Add	*54.73*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.35	17.14
		For Dynamic Damper, Add	*115.57*	
		For 3 Hour Rated, Add	*64.20*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.04	18.78
		For Dynamic Damper, Add	*118.56*	
		For 3 Hour Rated, Add	*65.87*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.87	20.54
		For Dynamic Damper, Add	*120.56*	
		For 3 Hour Rated, Add	*66.98*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.52	22.18
		For Dynamic Damper, Add	*123.55*	
		For 3 Hour Rated, Add	*68.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.43	23.92
		For Dynamic Damper, Add	*125.04*	
		For 3 Hour Rated, Add	*69.47*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.31	25.67
		For Dynamic Damper, Add	*126.53*	
		For 3 Hour Rated, Add	*70.29*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.99	27.31
		For Dynamic Damper, Add	*129.52*	
		For 3 Hour Rated, Add	*71.96*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.78	30.80
		For Dynamic Damper, Add	*132.51*	
		For 3 Hour Rated, Add	*73.61*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.44	34.19
		For Dynamic Damper, Add	*136.50*	
		For 3 Hour Rated, Add	*75.83*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.04	18.78
		For Dynamic Damper, Add	*118.56*	
		For 3 Hour Rated, Add	*65.87*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.87	20.54
		For Dynamic Damper, Add	*120.56*	
		For 3 Hour Rated, Add	*66.98*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.52	22.18
		For Dynamic Damper, Add	*123.55*	
		For 3 Hour Rated, Add	*68.64*	
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.34	23.92
		For Dynamic Damper, Add	*125.53*	
		For 3 Hour Rated, Add	*69.74*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.08	25.67
		For Dynamic Damper, Add	*128.02*	
		For 3 Hour Rated, Add	*71.12*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.83	27.31
		For Dynamic Damper, Add	*130.51*	
		For 3 Hour Rated, Add	*72.51*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.62	30.80
		For Dynamic Damper, Add	*133.50*	
		For 3 Hour Rated, Add	*74.17*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.44	34.19
		For Dynamic Damper, Add	*136.50*	
		For 3 Hour Rated, Add	*75.83*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.63	35.94
		For Dynamic Damper, Add	*142.46*	
		For 3 Hour Rated, Add	*79.15*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.12	39.32
		For Dynamic Damper, Add	*147.45*	
		For 3 Hour Rated, Add	*81.92*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.40	20.54
		For Dynamic Damper, Add	*123.55*	
		For 3 Hour Rated, Add	*68.64*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.35	22.18
		For Dynamic Damper, Add	*124.53*	
		For 3 Hour Rated, Add	*69.19*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.34	23.92
		For Dynamic Damper, Add	*125.53*	
		For 3 Hour Rated, Add	*69.74*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.15	25.67
		For Dynamic Damper, Add	*127.52*	
		For 3 Hour Rated, Add	*70.85*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.18	27.31
		For Dynamic Damper, Add	*130.70*	
		For 3 Hour Rated, Add	*72.61*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.62	30.80
		For Dynamic Damper, Add	*133.50*	
		For 3 Hour Rated, Add	*74.17*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.28	34.19
		For Dynamic Damper, Add	*137.49*	
		For 3 Hour Rated, Add	*76.38*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.94	37.58
		For Dynamic Damper, Add	*141.48*	
		For 3 Hour Rated, Add	*78.60*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.12	39.32
		For Dynamic Damper, Add	*147.45*	
		For 3 Hour Rated, Add	*81.92*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.26	42.09
		For Dynamic Damper, Add	*154.43*	
		For 3 Hour Rated, Add	*85.79*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.20	44.45
		For Dynamic Damper, Add	*162.39*	
		For 3 Hour Rated, Add	*90.22*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.21	22.18
		For Dynamic Damper, Add	*128.24*	
		For 3 Hour Rated, Add	*71.24*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.21	23.92
		For Dynamic Damper, Add	*130.32*	
		For 3 Hour Rated, Add	*72.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.19	25.67
		For Dynamic Damper, Add	*132.40*	
		For 3 Hour Rated, Add	*73.56*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.14	27.31
		For Dynamic Damper, Add	*135.54*	
		For 3 Hour Rated, Add	*75.30*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.31	30.80
		For Dynamic Damper, Add	*137.11*	
		For 3 Hour Rated, Add	*76.17*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	354.35	32.44
		For Dynamic Damper, Add	*138.68*	
		For 3 Hour Rated, Add	*77.04*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	379.41	37.58
		For Dynamic Damper, Add	*143.89*	
		For 3 Hour Rated, Add	*79.94*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.33	41.07
		For Dynamic Damper, Add	*149.10*	
		For 3 Hour Rated, Add	*82.84*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.03	42.41
		For Dynamic Damper, Add	*155.37*	
		For 3 Hour Rated, Add	*86.32*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.72	45.48
		For Dynamic Damper, Add	*163.71*	
		For 3 Hour Rated, Add	*90.95*	
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.44	47.85
		For Dynamic Damper, Add	*171.02*	
		For 3 Hour Rated, Add	*95.01*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.04	49.59
		For Dynamic Damper, Add	*179.37*	
		For 3 Hour Rated, Add	*99.65*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.57	25.67
		For Dynamic Damper, Add	*151.04*	
		For 3 Hour Rated, Add	*83.91*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.43	27.31
		For Dynamic Damper, Add	*155.21*	
		For 3 Hour Rated, Add	*86.23*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.50	29.05
		For Dynamic Damper, Add	*156.25*	
		For 3 Hour Rated, Add	*86.81*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.56	30.80
		For Dynamic Damper, Add	*157.30*	
		For 3 Hour Rated, Add	*87.39*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.60	32.44
		For Dynamic Damper, Add	*160.95*	
		For 3 Hour Rated, Add	*89.42*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.51	34.19
		For Dynamic Damper, Add	*164.61*	
		For 3 Hour Rated, Add	*91.45*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	430.63	39.32
		For Dynamic Damper, Add	*168.78*	
		For 3 Hour Rated, Add	*93.77*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.64	42.71
		For Dynamic Damper, Add	*172.96*	
		For 3 Hour Rated, Add	*96.09*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	468.44	45.48
		For Dynamic Damper, Add	*179.22*	
		For 3 Hour Rated, Add	*99.57*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.88	47.85
		For Dynamic Damper, Add	*190.70*	
		For 3 Hour Rated, Add	*105.94*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.68	50.62
		For Dynamic Damper, Add	*196.95*	
		For 3 Hour Rated, Add	*109.42*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	542.04	51.95
		For Dynamic Damper, Add	*208.43*	
		For 3 Hour Rated, Add	*115.79*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.59	54.72
		For Dynamic Damper, Add	*218.87*	
		For 3 Hour Rated, Add	*121.59*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.57	25.67
		For Dynamic Damper, Add	*153.13*	
		For 3 Hour Rated, Add	*85.07*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.43	27.31
		For Dynamic Damper, Add	*157.30*	
		For 3 Hour Rated, Add	*87.39*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.38	29.05
		For Dynamic Damper, Add	*160.44*	
		For 3 Hour Rated, Add	*89.13*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.45	30.80
		For Dynamic Damper, Add	*161.49*	
		For 3 Hour Rated, Add	*89.72*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.31	32.44
		For Dynamic Damper, Add	*165.66*	
		For 3 Hour Rated, Add	*92.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.16	34.19
		For Dynamic Damper, Add	*169.82*	
		For 3 Hour Rated, Add	*94.35*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.38	41.07
		For Dynamic Damper, Add	*175.05*	
		For 3 Hour Rated, Add	*97.25*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.29	44.45
		For Dynamic Damper, Add	*180.26*	
		For 3 Hour Rated, Add	*100.14*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.88	47.85
		For Dynamic Damper, Add	*190.70*	
		For 3 Hour Rated, Add	*105.94*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.55	51.34
		For Dynamic Damper, Add	*200.09*	
		For 3 Hour Rated, Add	*111.16*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	554.12	54.72
		For Dynamic Damper, Add	*210.51*	
		For 3 Hour Rated, Add	*116.95*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.64	56.36
		For Dynamic Damper, Add	*219.90*	
		For 3 Hour Rated, Add	*122.17*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.18	58.12
		For Dynamic Damper, Add	*229.30*	
		For 3 Hour Rated, Add	*127.39*	
23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	621.71	59.86
		For Dynamic Damper, Add	*238.70*	
		For 3 Hour Rated, Add	*132.61*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.50	27.31
		For Dynamic Damper, Add	*156.25*	
		For 3 Hour Rated, Add	*86.81*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.38	29.05
		For Dynamic Damper, Add	*160.44*	
		For 3 Hour Rated, Add	*89.13*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.45	30.80
		For Dynamic Damper, Add	*161.49*	
		For 3 Hour Rated, Add	*89.72*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.51	34.19
		For Dynamic Damper, Add	*164.61*	
		For 3 Hour Rated, Add	*91.45*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.50	37.58
		For Dynamic Damper, Add	*168.78*	
		For 3 Hour Rated, Add	*93.77*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.51	41.07
		For Dynamic Damper, Add	*172.96*	
		For 3 Hour Rated, Add	*96.09*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.37	44.45
		For Dynamic Damper, Add	*179.22*	
		For 3 Hour Rated, Add	*99.57*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.21	47.85
		For Dynamic Damper, Add	*185.47*	
		For 3 Hour Rated, Add	*103.04*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.87	51.34
		For Dynamic Damper, Add	*194.86*	
		For 3 Hour Rated, Add	*108.26*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.40	54.72
		For Dynamic Damper, Add	*206.34*	
		For 3 Hour Rated, Add	*114.64*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.93	56.36
		For Dynamic Damper, Add	*215.74*	
		For 3 Hour Rated, Add	*119.86*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.25	58.12
		For Dynamic Damper, Add	*228.26*	
		For 3 Hour Rated, Add	*126.81*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	624.91	61.50
		For Dynamic Damper, Add	*237.65*	
		For 3 Hour Rated, Add	*132.03*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.23	63.25
		For Dynamic Damper, Add	*250.17*	
		For 3 Hour Rated, Add	*138.98*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.08	68.38
		For Dynamic Damper, Add	*258.52*	
		For 3 Hour Rated, Add	*143.62*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.45	29.05
		For Dynamic Damper, Add	*159.40*	
		For 3 Hour Rated, Add	*88.55*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.30	30.80
		For Dynamic Damper, Add	*163.57*	
		For 3 Hour Rated, Add	*90.87*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.29	34.19
		For Dynamic Damper, Add	*167.73*	
		For 3 Hour Rated, Add	*93.19*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.50	37.58
		For Dynamic Damper, Add	*168.78*	
		For 3 Hour Rated, Add	*93.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.47	41.07
		For Dynamic Damper, Add	*173.48*	
		For 3 Hour Rated, Add	*96.38*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.43	44.45
		For Dynamic Damper, Add	*178.17*	
		For 3 Hour Rated, Add	*98.99*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.29	47.85
		For Dynamic Damper, Add	*184.44*	
		For 3 Hour Rated, Add	*102.47*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.15	51.34
		For Dynamic Damper, Add	*190.70*	
		For 3 Hour Rated, Add	*105.94*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.82	54.72
		For Dynamic Damper, Add	*200.09*	
		For 3 Hour Rated, Add	*111.16*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.26	58.12
		For Dynamic Damper, Add	*212.60*	
		For 3 Hour Rated, Add	*118.11*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	592.70	59.86
		For Dynamic Damper, Add	*223.03*	
		For 3 Hour Rated, Add	*123.91*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	622.98	61.50
		For Dynamic Damper, Add	*236.61*	
		For 3 Hour Rated, Add	*131.45*	
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	656.42	64.99
		For Dynamic Damper, Add	*249.12*	
		For 3 Hour Rated, Add	*138.40*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.08	68.38
		For Dynamic Damper, Add	*258.52*	
		For 3 Hour Rated, Add	*143.62*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	722.67	73.52
		For Dynamic Damper, Add	*271.04*	
		For 3 Hour Rated, Add	*150.58*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	752.26	76.90
		For Dynamic Damper, Add	*281.48*	
		For 3 Hour Rated, Add	*156.38*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.45	30.80
		For Dynamic Damper, Add	*161.49*	
		For 3 Hour Rated, Add	*89.72*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.36	34.19
		For Dynamic Damper, Add	*166.69*	
		For 3 Hour Rated, Add	*92.61*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.43	37.58
		For Dynamic Damper, Add	*169.82*	
		For 3 Hour Rated, Add	*94.35*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.62	41.07
		For Dynamic Damper, Add	*170.86*	
		For 3 Hour Rated, Add	*94.92*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.53	44.45
		For Dynamic Damper, Add	*176.61*	
		For 3 Hour Rated, Add	*98.12*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.42	47.85
		For Dynamic Damper, Add	*182.35*	
		For 3 Hour Rated, Add	*101.30*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	502.31	51.34
		For Dynamic Damper, Add	*188.08*	
		For 3 Hour Rated, Add	*104.49*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.21	54.72
		For Dynamic Damper, Add	*193.82*	
		For 3 Hour Rated, Add	*107.68*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.67	58.12
		For Dynamic Damper, Add	*206.34*	
		For 3 Hour Rated, Add	*114.64*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	584.99	59.86
		For Dynamic Damper, Add	*218.87*	
		For 3 Hour Rated, Add	*121.59*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	611.38	61.50
		For Dynamic Damper, Add	*230.34*	
		For 3 Hour Rated, Add	*127.97*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	648.71	64.99
		For Dynamic Damper, Add	*244.95*	
		For 3 Hour Rated, Add	*136.09*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	682.14	68.38
		For Dynamic Damper, Add	*257.47*	
		For 3 Hour Rated, Add	*143.04*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.53	71.77
		For Dynamic Damper, Add	*271.04*	
		For 3 Hour Rated, Add	*150.58*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	747.13	75.26
		For Dynamic Damper, Add	*281.48*	
		For 3 Hour Rated, Add	*156.38*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	782.52	78.65
		For Dynamic Damper, Add	*295.04*	
		For 3 Hour Rated, Add	*163.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	817.91	82.03
		For Dynamic Damper, Add	*308.60*	
		For 3 Hour Rated, Add	*171.45*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.51	34.19
		For Dynamic Damper, Add	*164.61*	
		For 3 Hour Rated, Add	*91.45*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.43	37.58
		For Dynamic Damper, Add	*169.82*	
		For 3 Hour Rated, Add	*94.35*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.56	41.07
		For Dynamic Damper, Add	*171.91*	
		For 3 Hour Rated, Add	*95.51*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.78	44.45
		For Dynamic Damper, Add	*172.96*	
		For 3 Hour Rated, Add	*96.09*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.63	47.85
		For Dynamic Damper, Add	*179.22*	
		For 3 Hour Rated, Add	*99.57*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.48	51.34
		For Dynamic Damper, Add	*185.47*	
		For 3 Hour Rated, Add	*103.04*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	520.31	54.72
		For Dynamic Damper, Add	*192.26*	
		For 3 Hour Rated, Add	*106.81*	
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.14	58.12
		For Dynamic Damper, Add	*199.04*	
		For 3 Hour Rated, Add	*110.58*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.39	59.86
		For Dynamic Damper, Add	*212.60*	
		For 3 Hour Rated, Add	*118.11*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.71	61.50
		For Dynamic Damper, Add	*225.12*	
		For 3 Hour Rated, Add	*125.07*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	637.12	64.99
		For Dynamic Damper, Add	*238.70*	
		For 3 Hour Rated, Add	*132.61*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.49	68.38
		For Dynamic Damper, Add	*252.26*	
		For 3 Hour Rated, Add	*140.15*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	702.07	71.77
		For Dynamic Damper, Add	*262.69*	
		For 3 Hour Rated, Add	*145.94*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	743.25	75.26
		For Dynamic Damper, Add	*279.38*	
		For 3 Hour Rated, Add	*155.21*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	780.58	78.65
		For Dynamic Damper, Add	*293.99*	
		For 3 Hour Rated, Add	*163.33*	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	817.91	82.03
		For Dynamic Damper, Add	*308.60*	
		For 3 Hour Rated, Add	*171.45*	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	851.33	85.53
		For Dynamic Damper, Add	*321.11*	
		For 3 Hour Rated, Add	*178.40*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.81	88.92
		For Dynamic Damper, Add	*333.64*	
		For 3 Hour Rated, Add	*185.36*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	78.19	11.40
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	94.39	11.91
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	114.15	12.01
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	109.27	12.01
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	104.48	12.33
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	125.45	13.66
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	97.73	12.33
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	122.08	13.66
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	116.86	14.37
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	134.71	15.40
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	109.90	13.04
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	111.94	14.37
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	132.26	15.40
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	117.53	17.14
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	133.70	18.78
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	122.08	13.66
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	124.87	15.40
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	114.38	17.14
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	126.98	17.14
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	144.73	18.78
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	162.46	20.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	109.49	14.37
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	102.93	15.40
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	122.24	17.14
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	141.56	18.78
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	160.87	20.54
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	183.82	22.18
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	208.72	25.67
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	170.91	27.31
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	198.91	30.80
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	119.95	15.40
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	114.38	17.14
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	135.26	18.78
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	156.16	20.54
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	180.56	22.18
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	201.96	23.92
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	170.91	27.31
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	180.76	27.31
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	210.74	30.80
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	240.73	34.19
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	225.64	37.58
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	249.99	41.07
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	108.06	17.14
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	132.12	18.78
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	156.16	20.54
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	183.82	22.18
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	159.84	25.67
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	176.81	27.31
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	198.91	30.80
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	210.74	30.80
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	244.68	34.19
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	231.26	37.58
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	258.45	41.07
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	285.62	44.45
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	278.98	47.85
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	302.77	51.34
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	316.29	51.34
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	117.53	17.14
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	144.73	18.78
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	180.56	22.18
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	159.84	25.67
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	178.79	27.31
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	202.86	30.80
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	226.94	34.19
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	240.73	34.19
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	231.26	37.58
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	261.27	41.07
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	291.25	44.45
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	296.00	51.34
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	311.78	51.34
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	337.82	54.72
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	363.88	58.12
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	379.66	58.12
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	378.10	61.50
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	391.89	61.50
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	132.12	18.78
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	170.81	22.18
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	201.96	23.92
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	176.81	27.31
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	202.86	30.80
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	228.89	34.19
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	204.09	34.19
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	225.64	37.58
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	258.45	41.07
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	291.25	44.45
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	298.26	51.34
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	316.29	51.34
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	344.59	54.72
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	372.89	58.12
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	374.15	61.50
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	389.93	61.50
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	415.97	64.99
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	431.75	64.99
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	421.71	68.38
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	435.23	68.38
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	459.02	71.77
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	141.56	18.78
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	188.96	23.92
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	170.91	27.31
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	198.91	30.80
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	226.94	34.19
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	204.09	34.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	227.04	37.58
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	249.99	41.07
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	285.62	44.45
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	296.00	51.34
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	316.29	51.34
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	346.83	54.72
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	377.40	58.12
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	380.05	61.50
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	408.08	64.99
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	425.82	64.99
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	418.33	68.38
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	433.54	68.38
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	459.02	71.77
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	474.23	71.77
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	489.46	71.77
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	156.16	20.54
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	207.09	25.67
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	180.76	27.31
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	210.74	30.80
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	240.73	34.19
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	225.64	37.58
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	249.99	41.07
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	274.34	44.45
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	278.98	47.85
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	311.78	51.34
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	344.59	54.72
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	377.40	58.12
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	382.03	61.50
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	412.01	64.99
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	431.75	64.99
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	416.65	68.38
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	174.06	22.18
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	168.93	27.31
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	200.88	30.80
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	232.85	34.19
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	221.40	37.58
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	247.17	41.07
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	262.67	41.07
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	288.43	44.45
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	302.77	51.34
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	337.82	54.72
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	372.89	58.12
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	380.05	61.50
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	412.01	64.99
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	433.71	64.99
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	428.48	68.38
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	437.76	68.38
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	188.96	23.92
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	176.81	27.31
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	210.74	30.80
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	204.09	34.19
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	231.26	37.58
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	258.45	41.07
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	285.62	44.45
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	278.98	47.85
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	316.29	51.34
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	363.88	58.12
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	374.15	61.50
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	408.08	64.99
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	431.75	64.99
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	428.48	68.38
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	459.02	71.77
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	469.17	71.77
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	193.83	23.92
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	191.02	30.80
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	225.95	34.19
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	218.58	37.58
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	246.47	41.07
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	274.34	44.45
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	302.21	47.85
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	294.87	51.34
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	333.31	54.72
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	371.76	58.12
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	382.03	61.50
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	416.95	64.99
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	416.65	68.38
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	437.76	68.38
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	469.17	71.77
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	479.73	71.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0183		Vertically Mounted Backdraft Damper *(23 33 13 23)*		
		Note: Galvanized steel frame, aluminum blades. Excludes motor pack.		
23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	84.86	11.40
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	103.30	11.91
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	106.33	12.01
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	111.02	12.01
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	121.43	12.33
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	134.92	13.66
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	135.51	12.33
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	153.69	13.66
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	155.74	14.37
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	163.52	15.40
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	131.63	13.04
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	139.17	14.37
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	149.12	15.40
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	154.25	17.14
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	166.24	18.78
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	161.12	13.66
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	169.70	15.40
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	149.64	17.14
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	149.64	17.14
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	165.68	18.78
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	170.81	20.54
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	157.78	14.37
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	160.87	15.40
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	174.19	17.14
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	187.52	18.78
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	192.65	20.54
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	197.77	22.18
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	210.78	25.67
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	209.17	27.31
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	229.59	30.80
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	183.40	15.40
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	193.62	17.14
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	198.76	18.78
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	214.03	20.54
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	219.15	22.18
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	224.29	23.92
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	242.20	27.31
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	244.73	27.31
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	254.99	30.80
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	270.34	34.19
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	290.78	37.58
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	301.05	41.07
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	234.26	17.14
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	239.40	18.78
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	244.53	20.54
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	249.65	22.18
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	267.54	25.67
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	285.38	27.31
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	295.64	30.80
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	295.64	30.80
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	265.26	34.19
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	252.95	37.58
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	263.22	41.07
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	280.16	44.45
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	293.76	47.85
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	304.03	51.34
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	304.03	51.34
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	211.36	17.14
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	216.50	18.78
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	226.75	22.18
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	240.35	25.67
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	248.83	27.31
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	259.09	30.80
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	269.36	34.19
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	282.69	34.19
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	292.96	37.58
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	303.23	41.07
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	316.84	44.45
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	340.70	51.34
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	340.70	51.34
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	365.97	54.72
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	345.54	58.12
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	345.54	58.12
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	355.81	61.50
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	362.93	61.50
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	236.01	18.78
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	246.26	22.18
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	254.26	23.92
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	270.21	27.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	291.87	30.80
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	302.14	34.19
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	302.14	34.19
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	318.11	37.58
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	328.38	41.07
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	338.65	44.45
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	359.18	51.34
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	367.74	51.34
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	383.72	54.72
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	402.53	58.12
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	412.80	61.50
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	412.80	61.50
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	425.91	64.99
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	435.89	64.99
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	425.50	68.38
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	425.50	68.38
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	444.94	71.77
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	287.11	18.78
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	307.75	23.92
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	318.02	27.31
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	328.28	30.80
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	354.27	34.19
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	354.27	34.19
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	364.54	37.58
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	380.06	41.07
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	392.95	44.45
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	416.09	51.34
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	416.09	51.34
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	447.33	54.72
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	457.60	58.12
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	467.87	61.50
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	483.39	64.99
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	488.64	64.99
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	498.89	68.38
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	500.18	68.38
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	530.11	71.77
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	530.11	71.77
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	530.11	71.77
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	389.22	20.54
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	407.22	25.67
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	412.36	27.31
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	427.87	30.80
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	411.22	34.19
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	421.49	37.58
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	450.45	41.07
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	460.72	44.45
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	480.34	47.85
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	490.61	51.34
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	500.88	54.72
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	511.15	58.12
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	535.44	61.50
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	555.05	64.99
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	555.05	64.99
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	579.34	68.38
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	440.73	22.18
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	460.81	27.31
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	485.09	30.80
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	495.36	34.19
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	521.99	37.58
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	534.60	41.07
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	534.60	41.07
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	555.39	44.45
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	532.68	51.34
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	547.15	54.72
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	578.45	58.12
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	588.72	61.50
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	607.41	64.99
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	611.63	64.99
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	621.88	68.38
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	626.08	68.38
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	492.61	23.92
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	519.71	27.31
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	534.17	30.80
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	557.08	34.19
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	567.35	37.58
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	586.04	41.07
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	596.31	44.45
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	614.96	47.85
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	574.75	51.34
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	612.12	58.12
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	633.61	61.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	643.88	64.99
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	643.88	64.99
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	657.88	68.38
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	683.11	71.77
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	683.11	71.77
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	543.09	23.92
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	571.12	30.80
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	596.35	34.19
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	606.62	37.58
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	628.10	41.07
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	642.12	44.45
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	593.70	47.85
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	603.97	51.34
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	635.50	54.72
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	645.77	58.12
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	656.04	61.50
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	685.95	64.99
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	696.20	68.38
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	706.02	68.38
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	726.93	71.77
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	745.74	71.77
23 33 13 23-0365		Backdraft Damper Accessories *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	208.00	28.89
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	345.89	28.89
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	36.74	7.17
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		Blower Check Valves With Silicone Seals *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	213.75	26.49
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	238.77	30.18
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	306.90	40.04
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	422.48	46.21
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	474.01	55.45
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	704.38	70.23
23 33 13 43-0008		Blower Check Valves With Viton Seats *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	293.83	26.49
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	333.95	30.18
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	373.17	40.04
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	521.70	46.21
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	583.53	55.45
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	898.12	70.23
23 33 19		**Duct Silencers** *(23 33)*		
23 33 19 00-0001		36" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	333.66	42.00
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	402.37	48.15
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	527.06	55.32
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	644.62	62.50
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	593.33	62.50
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	767.53	65.56
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	849.90	69.66
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	934.33	73.76
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,234.81	84.00
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	759.35	69.66
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,032.57	84.00
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,853.41	112.69
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,054.55	118.83
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,296.21	128.06
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,581.24	139.33
23 33 19 00-0017		60" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	373.06	92.20
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	451.10	106.54
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	592.32	122.93
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	724.59	138.30
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	666.28	138.30
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	865.55	146.49
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	955.65	153.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,047.29	161.86
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,391.00	184.40
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	852.75	153.66
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,161.17	184.40
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,080.30	242.79
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,324.29	263.28
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,586.04	279.67
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,912.91	307.34

23 33 19 00-0033 84" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	321.74	76.83
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	556.36	114.74
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	774.34	168.01
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	438.24	92.20
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	547.14	106.54
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	750.11	122.93
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	891.16	132.15
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	973.16	142.40
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,233.50	153.66
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,463.81	168.01
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	829.10	142.40
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,199.56	148.54
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,312.40	153.66
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,431.47	161.86
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,805.76	174.16
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,960.41	184.40

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	11.28	2.56
		For Stainless Steel, Add	*7.76*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	11.12	1.03
		For Stainless Steel, Add	*11.69*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	46.09	3.84
		For Stainless Steel, Add	*53.68*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	57.35	4.09
		For Stainless Steel, Add	*67.90*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	78.54	4.30
		For Stainless Steel, Add	*95.06*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	99.79	4.61
		For Stainless Steel, Add	*122.23*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	110.60	4.92
		For Stainless Steel, Add	*135.79*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	141.57	4.61
		For Stainless Steel, Add	*176.55*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	173.97	5.43
		For Stainless Steel, Add	*217.28*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	186.81	5.68
		For Stainless Steel, Add	*233.64*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	208.67	5.90
		For Stainless Steel, Add	*261.68*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	78.43	14.35
		For Stainless Steel, Add	*41.60*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	82.80	14.35
		For Stainless Steel, Add	*50.34*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	84.93	14.35
		For Stainless Steel, Add	*54.60*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	109.42	17.41
		For Stainless Steel, Add	*77.00*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	110.28	17.41
		For Stainless Steel, Add	*78.72*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	137.50	23.56
		For Stainless Steel, Add	*90.60*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	164.03	28.68
		For Stainless Steel, Add	*97.56*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	213.56	38.92
		For Stainless Steel, Add	*119.80*	

23 33 43 Flexible Connectors *(23 33)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	13.20	3.07
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	13.59	2.76

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	5.81	1.03
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	6.48	2.05
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	7.42	2.05
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	8.68	2.05
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	10.43	3.07
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	13.41	3.07
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	18.33	4.09
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	22.85	4.09
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	30.17	5.12

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0012	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	45.56	6.15
		For Stainless Steel, Add	*29.26*	
23 33 46 00-0013	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	49.15	7.17
		For Stainless Steel, Add	*29.65*	
23 33 46 00-0014	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	55.88	7.17
		For Stainless Steel, Add	*32.70*	
23 33 46 00-0015	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	62.83	9.22
		For Stainless Steel, Add	*33.74*	
23 33 46 00-0016	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	75.42	11.27
		For Stainless Steel, Add	*38.12*	
23 33 46 00-0017	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	88.83	13.32
		For Stainless Steel, Add	*46.98*	
23 33 46 00-0018	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	100.42	15.36
		For Stainless Steel, Add	*50.64*	
23 33 46 00-0019	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	119.44	17.41
		For Stainless Steel, Add	*63.39*	
23 33 46 00-0020	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	130.18	19.47
		For Stainless Steel, Add	*69.36*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.52	2.82
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.56	2.82
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.01	3.76
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	17.22	3.76
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	20.77	4.24
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.06	3.07
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.06	3.07
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.50	4.09
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	16.50	4.09
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	19.98	4.61

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	2.90	2.46
23 33 53 00-0014	SF	1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	3.31	2.76
23 33 53 00-0015	SF	1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	4.37	2.76
23 33 53 00-0016	SF	1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	5.78	2.76
23 33 53 00-0017	SF	1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	4.72	3.07
23 33 53 00-0018	SF	2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	5.01	3.38
23 33 53 00-0019	SF	2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	8.05	3.38

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	49.12	16.91
		For Stainless Steel, Add	*19.92*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	52.20	18.44
		For Stainless Steel, Add	*19.92*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	60.12	19.47
		For Stainless Steel, Add	*27.56*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	67.87	20.49
		For Stainless Steel, Add	*34.96*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	89.47	22.54
		For Stainless Steel, Add	*57.72*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	64.75	20.49
		For Stainless Steel, Add	*30.90*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	85.62	25.61
		For Stainless Steel, Add	*44.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	92.16	29.20
		For Stainless Steel, Add	*43.90*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	112.42	34.31
		For Stainless Steel, Add	*56.91*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	128.86	40.98
		For Stainless Steel, Add	*60.98*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	161.24	51.22
		For Stainless Steel, Add	*76.43*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,139.22	30.73
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	935.81	25.61
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	925.72	28.17

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,704.31	314.96
		For 1/4" Static Pressure, Add	*85.90*	
		For 3/8" Static Pressure, Add	*171.80*	
		For 1/2" Static Pressure, Add	*236.23*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,781.00	315.90
		For 1/4" Static Pressure, Add	*92.04*	
		For 3/8" Static Pressure, Add	*184.07*	
		For 1/2" Static Pressure, Add	*253.10*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	1,934.40	314.96
		For 1/4" Static Pressure, Add	*104.31*	
		For 3/8" Static Pressure, Add	*208.62*	
		For 1/2" Static Pressure, Add	*286.85*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,087.79	315.90
		For 1/4" Static Pressure, Add	*116.58*	
		For 3/8" Static Pressure, Add	*233.16*	
		For 1/2" Static Pressure, Add	*320.59*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,443.99	378.34
		For 1/4" Static Pressure, Add	*134.99*	
		For 3/8" Static Pressure, Add	*269.97*	
		For 1/2" Static Pressure, Add	*371.21*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	2,816.58	411.44
		For 1/4" Static Pressure, Add	*159.53*	
		For 3/8" Static Pressure, Add	*319.06*	
		For 1/2" Static Pressure, Add	*438.71*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	2,971.62	450.22
		For 1/4" Static Pressure, Add	*165.67*	
		For 3/8" Static Pressure, Add	*331.33*	
		For 1/2" Static Pressure, Add	*455.58*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,400.13	472.92
		For 1/4" Static Pressure, Add	*196.34*	
		For 3/8" Static Pressure, Add	*392.69*	
		For 1/2" Static Pressure, Add	*539.95*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,096.77	591.14
		For 1/4" Static Pressure, Add	*233.16*	
		For 3/8" Static Pressure, Add	*466.32*	
		For 1/2" Static Pressure, Add	*641.19*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	4,635.77	630.87
		For 1/4" Static Pressure, Add	*269.97*	
		For 3/8" Static Pressure, Add	*539.95*	
		For 1/2" Static Pressure, Add	*742.43*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	5,443.37	727.34
		For 1/4" Static Pressure, Add	*319.06*	
		For 3/8" Static Pressure, Add	*638.12*	
		For 1/2" Static Pressure, Add	*877.41*	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,614.76	305.51
		For 1/4" Static Pressure, Add	*80.36*	
		For 3/8" Static Pressure, Add	*160.73*	
		For 1/2" Static Pressure, Add	*221.00*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	1,714.39	315.90
		For 1/4" Static Pressure, Add	*86.71*	
		For 3/8" Static Pressure, Add	*173.41*	
		For 1/2" Static Pressure, Add	*238.44*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	1,771.38	326.31
		For 1/4" Static Pressure, Add	*89.53*	
		For 3/8" Static Pressure, Add	*179.05*	
		For 1/2" Static Pressure, Add	*246.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	1,876.92	337.66
		For 1/4" Static Pressure, Add	*96.11*	
		For 3/8" Static Pressure, Add	*192.21*	
		For 1/2" Static Pressure, Add	*264.29*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,125.18	350.90
		For 1/4" Static Pressure, Add	*113.97*	
		For 3/8" Static Pressure, Add	*227.93*	
		For 1/2" Static Pressure, Add	*313.41*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,243.18	364.14
		For 1/4" Static Pressure, Add	*121.25*	
		For 3/8" Static Pressure, Add	*242.50*	
		For 1/2" Static Pressure, Add	*333.44*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	2,519.01	378.34
		For 1/4" Static Pressure, Add	*140.99*	
		For 3/8" Static Pressure, Add	*281.98*	
		For 1/2" Static Pressure, Add	*387.72*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	2,855.24	378.34
		For 1/4" Static Pressure, Add	*167.98*	
		For 3/8" Static Pressure, Add	*335.96*	
		For 1/2" Static Pressure, Add	*461.95*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,317.70	411.44
		For 1/4" Static Pressure, Add	*199.73*	
		For 3/8" Static Pressure, Add	*399.47*	
		For 1/2" Static Pressure, Add	*549.27*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	3,930.77	498.46
		For 1/4" Static Pressure, Add	*234.98*	
		For 3/8" Static Pressure, Add	*469.96*	
		For 1/2" Static Pressure, Add	*646.20*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	4,497.35	498.46
		For 1/4" Static Pressure, Add	*279.97*	
		For 3/8" Static Pressure, Add	*559.94*	
		For 1/2" Static Pressure, Add	*769.92*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	4,958.52	525.88
		For 1/4" Static Pressure, Add	*312.61*	
		For 3/8" Static Pressure, Add	*625.22*	
		For 1/2" Static Pressure, Add	*859.67*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	5,421.97	556.15
		For 1/4" Static Pressure, Add	*344.95*	
		For 3/8" Static Pressure, Add	*689.89*	
		For 1/2" Static Pressure, Add	*948.60*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,150.26	727.34
		For 1/4" Static Pressure, Add	*375.97*	
		For 3/8" Static Pressure, Add	*751.94*	
		For 1/2" Static Pressure, Add	*1,033.91*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	7,050.08	728.29
		For 1/4" Static Pressure, Add	*447.95*	
		For 3/8" Static Pressure, Add	*895.91*	
		For 1/2" Static Pressure, Add	*1,231.87*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	7,952.36	859.57
		For 1/4" Static Pressure, Add	*499.11*	
		For 3/8" Static Pressure, Add	*998.22*	
		For 1/2" Static Pressure, Add	*1,372.56*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*
Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*
Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*
Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,120.33	207.80
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,615.54	215.65
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,661.81	171.86
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,735.61	235.51
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,777.28	249.70
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,833.89	260.10
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,890.20	277.13

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,864.85	227.00
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,898.10	235.51
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,960.08	249.70
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,996.12	260.10
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,062.96	277.13
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,129.82	290.37

23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

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23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,877.82	235.51
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,919.53	249.70
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,975.84	260.10
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,022.39	277.13
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,082.51	290.37
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,166.19	312.12
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,231.62	328.20
23 34 16 00-0027		16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,152.73	249.70
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,230.11	260.10
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,315.20	277.13
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,359.56	290.37
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,417.38	312.12
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,467.08	328.20
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,740.72	356.58
23 34 16 00-0035		18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,224.26	260.10
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,275.87	277.13
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,346.13	290.37
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,399.41	312.12
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,474.97	328.20
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,588.63	356.58
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,661.95	378.34
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,770.54	416.17
23 34 16 00-0044		20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,245.46	277.13
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,315.70	290.37
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,399.41	312.12
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,474.97	328.20
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,619.04	356.58
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,822.72	378.34
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,962.62	416.17
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,109.06	445.49
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,704.38	290.37
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,752.90	312.12
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,821.40	328.20
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,906.33	356.58
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,021.03	378.34
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,055.55	416.17
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,129.33	445.49
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,261.09	499.39
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,257.88	312.12
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,359.22	356.58
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,462.96	378.34
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,570.98	416.17
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,666.72	445.49
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,747.79	499.39
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,864.28	542.90
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,139.74	624.25
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,612.28	328.20
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,716.45	378.34
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,824.46	416.17
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,920.21	445.49
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,051.96	499.39
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,168.16	542.90
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,465.16	624.25
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,498.32	693.29
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,066.55	416.17
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,158.30	445.49
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,299.12	499.39
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,425.44	542.90
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,609.96	624.25
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,775.88	693.29
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,046.92	832.33
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,297.30	960.02
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,948.10	445.49
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,130.55	499.39
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,297.75	542.90
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,522.52	624.25
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,729.01	693.29
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,040.58	832.33
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,392.01	960.02
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,873.93	1,248.50
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,345.53	499.39
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,518.79	542.90
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,078.15	624.25
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,452.96	693.29
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,906.73	832.33
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,251.78	960.02
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,973.17	1,248.50
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,567.22	1,560.62
23 34 16 00-0108		Kitchen System Fans *(23 34 16 00-0001)*		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP, Direct Drive, Kitchen Upblast Exhaust Fan	1,117.35	122.95
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*49.37*	
		For Backdraft Damper, Add	*122.11*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,313.49	122.95
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*49.37*	
		For Backdraft Damper, Add	*122.11*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,933.10	122.95
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*49.37*	
		For Wall Mounted Fan, Add	*77.32*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*143.41*	
		For Backdraft Damper, Add	*122.11*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,018.22	122.95
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*49.37*	
		For Wall Mounted Fan, Add	*80.73*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*150.65*	
		For Backdraft Damper, Add	*122.11*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,727.47	141.88
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*56.18*	
		For Wall Mounted Fan, Add	*69.10*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*122.72*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,850.05	141.88
		For Bird Screen, Add	*56.18*	
		For Wall Mounted Fan, Add	*74.00*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*133.14*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,353.61	165.52
		For Bird Screen, Add	*56.18*	
		For Wall Mounted Fan, Add	*94.14*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*171.92*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,484.70	165.52
		For Bird Screen, Add	*56.18*	
		For Wall Mounted Fan, Add	*99.39*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*183.06*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,707.54	177.35
		For Bird Screen, Add	*93.64*	
		For Wall Mounted Fan, Add	*108.30*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*199.99*	
		For Backdraft Damper, Add	*172.74*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,911.84	177.35
		For Bird Screen, Add	*93.64*	
		For Wall Mounted Fan, Add	*116.47*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*217.36*	
		For Backdraft Damper, Add	*172.74*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,959.33	189.17
		For Bird Screen, Add	*93.64*	
		For Wall Mounted Fan, Add	*118.37*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*219.38*	
		For Backdraft Damper, Add	*172.74*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,247.05	189.17
		For Bird Screen, Add	*93.64*	
		For Wall Mounted Fan, Add	*129.88*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*243.84*	
		For Backdraft Damper, Add	*172.74*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,740.40	212.81
		For Bird Screen, Add	*110.66*	
		For Wall Mounted Fan, Add	*149.62*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*281.76*	
		For Backdraft Damper, Add	*187.27*	
		For Damper Motor, Add	*197.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,004.29	212.81
		For Bird Screen, Add	*110.66*	
		For Wall Mounted Fan, Add	*160.17*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*304.19*	
		For Backdraft Damper, Add	*187.27*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	4,747.90	236.46
		For Bird Screen, Add	*119.18*	
		For Wall Mounted Fan, Add	*189.92*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*363.37*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	4,834.72	236.46
		For Bird Screen, Add	*119.18*	
		For Wall Mounted Fan, Add	*193.39*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*370.75*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,275.67	236.46
		For Bird Screen, Add	*119.18*	
		For Wall Mounted Fan, Add	*211.03*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*408.23*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,488.48	236.46
		For Bird Screen, Add	*119.18*	
		For Wall Mounted Fan, Add	*219.54*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*426.32*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,043.38	260.10
		For Bird Screen, Add	*136.20*	
		For Wall Mounted Fan, Add	*241.74*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*469.47*	
		For Damper Motor, Add	*197.53*	
		For Backdraft Damper, Add	*244.03*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,288.11	260.10
		For Bird Screen, Add	*136.20*	
		For Wall Mounted Fan, Add	*251.52*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*490.27*	
		For Damper Motor, Add	*197.53*	
		For Backdraft Damper, Add	*244.03*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	6,342.26	283.75
		For Bird Screen, Add	*136.20*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*490.86*	
		For Damper Motor, Add	*197.53*	
		For Backdraft Damper, Add	*283.13*	
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	6,879.57	283.75
		For Bird Screen, Add	*136.20*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*536.53*	
		For Damper Motor, Add	*197.53*	
		For Backdraft Damper, Add	*283.13*	

23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)*
Note: Roof mounted with downblast discharge, weatherhood and filter.

23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,298.41	122.95
		For Extended Weatherhood, Add	*219.33*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,365.05	122.95
		For Extended Weatherhood, Add	*229.32*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,446.82	122.95
		For Extended Weatherhood, Add	*241.59*	
23 34 16 00-0139		**Belt Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,478.54	122.95
		For Extended Weatherhood, Add	*246.35*	
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,654.52	165.52
		For Extended Weatherhood, Add	*281.28*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,995.72	189.17
		For Extended Weatherhood, Add	*337.19*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,311.62	236.46
		For Extended Weatherhood, Add	*394.04*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,797.73	283.75
		For Extended Weatherhood, Add	*476.40*	
23 34 16 00-0145		**Replacement Parts** *(23 34 16 00-0001)*		
23 34 16 00-0146		**Replace Belts And Accessories** *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	780.28	345.55
23 34 16 00-0148	EA	Fan Belt, Replacement	129.44	46.86
23 34 16 00-0149		**Corrosive Fume Resistant Plastic** *(23 34 16 00-0001)*		
23 34 16 00-0150		**Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure** *(23 34 16 00-0149)*		
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	5,806.34	170.57
		For Explosion Proof Motor, Add	*819.78*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,300.84	204.89
		For Explosion Proof Motor, Add	*883.66*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,467.94	256.11
		For Explosion Proof Motor, Add	*1,043.36*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,993.98	341.65
		For Explosion Proof Motor, Add	*1,096.59*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,115.78	512.22
		For Explosion Proof Motor, Add	*1,213.70*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	15,676.41	1,024.43
		For Explosion Proof Motor, Add	*2,044.13*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	22,873.28	1,464.43
		For Explosion Proof Motor, Add	*2,991.67*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,806.34	170.57
		For Explosion Proof Motor, Add	*819.78*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,945.96	204.89
		For Explosion Proof Motor, Add	*830.43*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,048.41	256.11
		For Explosion Proof Motor, Add	*830.43*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,219.56	341.65
		For Explosion Proof Motor, Add	*830.43*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	8,547.97	512.22
		For Explosion Proof Motor, Add	*1,128.53*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	8,804.09	640.27
		For Explosion Proof Motor, Add	*1,128.53*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	8,988.88	732.67
		For Explosion Proof Motor, Add	*1,128.53*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,202.15	768.32
		For Explosion Proof Motor, Add	*1,149.82*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,443.87	853.66
		For Explosion Proof Motor, Add	*1,160.47*	
23 34 16 00-0168		**In-Line Duct Fans** *(23 34 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0169		Direct Drive In-Line Duct Fans *(23 34 16 00-0168)* Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,320.34	122.95
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,689.23	132.42
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,852.60	141.88
23 34 16 00-0173		Belt Drive In-Line Duct Fans *(23 34 16 00-0168)* Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,936.17	141.88
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,225.11	165.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,503.99	165.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,741.09	165.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,667.57	189.17
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,069.09	189.17
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,905.85	236.46
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	4,127.50	236.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	4,283.75	236.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	4,953.45	283.75
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,139.94	283.75
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,369.13	283.75
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0186		In-Line Cabinet Fans *(23 34 16 00-0001)*		
23 34 16 00-0187	EA	950 CFM, 80 Watt, Direct Drive In-Line Cabinet Fan	403.01	82.76
23 34 16 00-0188	EA	1,050 CFM, 129 Watt, Direct Drive In-Line Cabinet Fan	428.01	82.76
23 34 16 00-0189	EA	1,100 CFM, 173 Watt, Direct Drive In-Line Cabinet Fan	461.93	82.76
23 34 16 00-0190	EA	950 CFM, 48.7 Watt, Direct Drive In-Line Cabinet Fan	460.15	82.76
23 34 16 00-0191	EA	1,100 CFM, 52.5 Watt, Direct Drive In-Line Cabinet Fan	460.15	82.76
23 34 16 00-0192	EA	1,400 CFM, 100 Watt, Direct Drive In-Line Cabinet Fan	513.72	82.76
23 34 16 00-0193	EA	900 CFM, 48.2 Watt, Direct Drive In-Line Cabinet Fan	619.60	87.49
23 34 16 00-0194	EA	1,000 CFM, 82.7 Watt, Direct Drive In-Line Cabinet Fan	524.96	87.49
23 34 16 00-0195	EA	1,050 CFM, 80.7 Watt, Direct Drive In-Line Cabinet Fan	560.68	87.49
23 34 16 00-0196	EA	1,350 CFM, 140 Watt, Direct Drive In-Line Cabinet Fan	583.89	87.49
23 34 16 00-0197	EA	1,000 CFM, 135 Watt, Direct Drive In-Line Cabinet Fan	610.67	87.49
23 34 16 00-0198	EA	1,070 CFM, 217 Watt, Direct Drive In-Line Cabinet Fan	610.67	87.49
23 34 16 00-0199	EA	1,100 CFM, 350 Watt, Direct Drive In-Line Cabinet Fan	1,007.62	92.21
23 34 16 00-0200	EA	1,080 CFM, 325 Watt, Direct Drive In-Line Cabinet Fan	845.12	92.21
23 34 16 00-0201	EA	1,600 CFM, 405 Watt, Direct Drive In-Line Cabinet Fan	845.12	92.21
23 34 16 00-0202	EA	950 CFM, 328 Watt, Direct Drive In-Line Cabinet Fan	1,150.47	92.21
23 34 16 00-0203	EA	1,095 CFM, 455 Watt, Direct Drive In-Line Cabinet Fan	1,150.47	92.21
23 34 16 00-0204	EA	1,450 CFM, 822 Watt, Direct Drive In-Line Cabinet Fan	1,150.47	92.21
23 34 16 00-0205	EA	1,640 CFM, 830 Watt, Direct Drive In-Line Cabinet Fan	1,470.41	92.21
23 34 16 00-0206		Propeller And Ceiling Fans *(23 34 16)*		
23 34 16 00-0207		Direct Drive, Sidewall Propeller Exhaust Fan *(23 34 16 00-0206)* Note: Greenheck SE1.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0208	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	591.33	101.20
		For Backdraft Damper, Add	*140.10*	
		For Wall Mount Collar, Add	*231.34*	
23 34 16 00-0209	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	625.95	112.56
		For Backdraft Damper, Add	*150.71*	
		For Wall Mount Collar, Add	*231.34*	
23 34 16 00-0210	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	693.10	124.85
		For Backdraft Damper, Add	*165.24*	
		For Wall Mount Collar, Add	*237.40*	
23 34 16 00-0211	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,016.78	138.09
		For Backdraft Damper, Add	*197.41*	
		For Wall Mount Collar, Add	*241.76*	
		For Motor Side Guard, Add	*200.14*	
23 34 16 00-0212	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	991.15	153.22
		For Backdraft Damper, Add	*197.41*	
		For Wall Mount Collar, Add	*247.81*	
		For Motor Side Guard, Add	*213.01*	
23 34 16 00-0213	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,114.06	170.25
		For Backdraft Damper, Add	*239.38*	
		For Wall Mount Collar, Add	*253.86*	
		For Motor Side Guard, Add	*225.87*	
23 34 16 00-0214	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,271.38	189.17
		For Backdraft Damper, Add	*239.38*	
		For Wall Mount Collar, Add	*258.21*	
		For Motor Side Guard, Add	*243.83*	

23 34 16 00-0215 Belt Drive Propeller Exhaust Fans *(23 34 16 00-0206)*

Note: Wall shutter 1/8" static pressure, with birdscreen.

23 34 16 00-0216	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,247.40	270.51
23 34 16 00-0217	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	2,572.08	314.96
23 34 16 00-0218	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	2,911.06	378.34
23 34 16 00-0219	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,070.66	472.92
23 34 16 00-0220	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	4,834.79	630.87
23 34 16 00-0221	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	6,692.87	945.83
23 34 16 00-0222	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	8,008.47	1,212.55

23 34 16 00-0223 Propeller Exhaust Fan Accessories *(23 34 16 00-0206)*

23 34 16 00-0224	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	114.68	
23 34 16 00-0225	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	265.63	

23 34 16 00-0226 Reversible Ceiling Fans *(23 34 16 00-0206)*

23 34 16 00-0227 4 Blade Ceiling Fans *(23 34 16 00-0226)*

23 34 16 00-0228	EA	42" 4-Blade Ceiling Fan, Three Speed	543.44	57.19
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.95*	

23 34 16 00-0229 5 Blade Ceiling Fans *(23 34 16 00-0226)*

23 34 16 00-0230	EA	42" 5-Blade Ceiling Fan, Three Speed	594.88	141.53
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.01*	
23 34 16 00-0231	EA	52" 5-Blade Ceiling Fan, Three Speed	679.36	141.53
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.13*	

23 34 16 00-0232 3 Blade Weatherproof Ceiling Fans *(23 34 16 00-0226)*

23 34 16 00-0233	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	537.50	46.82

23 34 16 00-0234 Ceiling Fan Down Rod *(23 34 16 00-0226)*

23 34 16 00-0235	EA	1' Ceiling Fan Down Rod	21.75	
23 34 16 00-0236	EA	1-1/2' Ceiling Fan Down Rod	28.66	
23 34 16 00-0237	EA	2' Ceiling Fan Down Rod	32.12	
23 34 16 00-0238	EA	3' Ceiling Fan Down Rod	43.23	
23 34 16 00-0239	EA	4' Ceiling Fan Down Rod	50.54	
23 34 16 00-0240	EA	5' Ceiling Fan Down Rod	62.17	
23 34 16 00-0241	EA	6' Ceiling Fan Down Rod	77.84	

23 34 16 00-0242 Exhaust Fans *(23 34 16)*

23 34 16 00-0243 Exhaust Fans *(23 34 16 00-0242)*

Note: Excludes ducting.

23 34 16 00-0244 Light Duty Exhaust Fans *(23 34 16 00-0243)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0245		**Light Duty Exhaust Fans** *(23 34 16 00-0244)*		
23 34 16 00-0246	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	141.95	46.22
23 34 16 00-0247	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	150.22	46.22
23 34 16 00-0248	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	249.50	46.22
23 34 16 00-0249	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	315.89	46.22
23 34 16 00-0250	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	282.19	46.22
23 34 16 00-0251	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	376.46	46.22
23 34 16 00-0252		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0244)*		
23 34 16 00-0253	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	186.18	46.22
23 34 16 00-0254	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	206.90	46.22
23 34 16 00-0255	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	389.12	46.22
23 34 16 00-0256		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0244)*		
23 34 16 00-0257	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	190.67	46.22
23 34 16 00-0258	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	304.28	46.22
23 34 16 00-0259		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0244)*		
23 34 16 00-0260	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	323.98	46.22
23 34 16 00-0261	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	493.08	46.22
23 34 16 00-0262		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0243)*		
23 34 16 00-0263		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0262)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	221.96	46.22
23 34 16 00-0265	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	245.70	46.22
23 34 16 00-0266	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	451.23	46.22
23 34 16 00-0267	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	462.23	46.22
23 34 16 00-0268	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	496.48	46.22
23 34 16 00-0269	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	518.37	46.22
23 34 16 00-0270	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	526.85	46.22
23 34 16 00-0271	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	603.31	46.22
23 34 16 00-0272	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	687.64	46.22
23 34 16 00-0273	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	735.67	46.22
23 34 16 00-0274	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	876.00	46.22
23 34 16 00-0275	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,125.96	46.22
23 34 16 00-0276		**Heavy Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0262)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0277	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	468.64	46.22
23 34 16 00-0278	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	681.33	46.22
23 34 16 00-0279	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	720.72	46.22
23 34 16 00-0280		**Heavy Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0262)*		
23 34 16 00-0281	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	241.40	46.22
23 34 16 00-0282	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	263.70	46.22
23 34 16 00-0283		**Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0262)*		
23 34 16 00-0284	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	251.19	46.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0285	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	265.96	46.22
23 34 16 00-0286	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	273.08	46.22
23 34 16 00-0287		Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0288	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,210.08	46.22
23 34 16 00-0289	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,210.08	46.22
23 34 16 00-0290	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,210.08	46.22
23 34 16 00-0291	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,328.15	46.22
23 34 16 00-0292		Room-To-Room Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0293	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	180.60	46.22
23 34 16 00-0294	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	301.19	46.22
23 34 16 00-0295	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	345.13	46.22
23 34 16 00-0296		Through-Wall Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0297	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	322.16	46.22
23 34 16 00-0298	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	382.72	46.22
23 34 16 00-0299	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	280.52	46.22
23 34 16 00-0300	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	376.46	46.22
23 34 16 00-0301	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	660.49	46.22
23 34 16 00-0302		Exhaust Fan Accessories *(23 34 16 00-0243)*		
23 34 16 00-0303		Exhaust Fan Controls *(23 34 16 00-0302)*		
23 34 16 00-0304	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	176.80	28.89
23 34 16 00-0305	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	123.23	28.89
23 34 16 00-0306	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	124.51	28.89
23 34 16 00-0307		Roof And Wall Caps For Exhaust Fans *(23 34 16 00-0302)*		
23 34 16 00-0308		Wall Caps For Exhaust Fans *(23 34 16 00-0307)*		
23 34 16 00-0309	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	268.14	51.34
23 34 16 00-0310	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	272.36	51.34
23 34 16 00-0311		Roof Caps For Exhaust Fans *(23 34 16 00-0307)*		
		Note: Includes flashing and built in bird screen.		
23 34 16 00-0312	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	224.61	51.34
23 34 16 00-0313	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	334.13	51.34
23 34 16 00-0314	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	140.43	51.34
23 34 16 00-0315	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	173.28	51.34
23 34 16 00-0316		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0243)*		
		Note: Includes storage and cleaning.		
23 34 16 00-0317	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	70.93	
23 34 23		**HVAC Power Ventilators** *(23 34)*		
23 34 23 00-0001		Power Roof Ventilators *(23 34 23)*		
23 34 23 00-0002		Direct Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*		
		Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	599.69	135.25
		Note: Three speed motor.		
		For 12" Roof Curb, Add	*179.70*	
		For Backdraft Damper, Add	*113.46*	
		For Solid State Speed Control, Add	*94.01*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	657.47	153.22
		Note: Three speed motor.		
		For 12" Roof Curb, Add	*179.70*	
		For Backdraft Damper, Add	*113.46*	
		For Solid State Speed Control, Add	*94.01*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	954.34	178.76
		For 12" Roof Curb, Add	*184.81*	
		For Backdraft Damper, Add	*122.11*	
		For Solid State Speed Control, Add	*94.01*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	980.91	201.46
		For 12" Roof Curb, Add	*184.81*	
		For Backdraft Damper, Add	*122.11*	
		For Solid State Speed Control, Add	*94.01*	
		For Damper Motor, Add	*197.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,266.76	222.27
		For Solid State Speed Control, Add	*94.01*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,436.33	236.46
		For 12" Roof Curb, Add	*193.32*	
		For Backdraft Damper, Add	*138.60*	
		For Solid State Speed Control, Add	*146.79*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0009		Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*		
		Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,374.62	201.46
		For 12" Roof Curb, Add	*184.81*	
		For Backdraft Damper, Add	*122.11*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,502.32	256.32
		For 12" Roof Curb, Add	*193.32*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,053.18	305.51
		For 12" Roof Curb, Add	*193.32*	
		For Backdraft Damper, Add	*138.60*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,623.92	378.34
		For 12" Roof Curb, Add	*234.18*	
		For Backdraft Damper, Add	*172.74*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,473.30	472.92
		For 12" Roof Curb, Add	*252.91*	
		For Backdraft Damper, Add	*187.27*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	4,793.29	591.14
		For 12" Roof Curb, Add	*281.86*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	4,834.15	591.14
		For 12" Roof Curb, Add	*281.86*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,275.10	591.14
		For 12" Roof Curb, Add	*281.86*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,056.21	591.14
		For 12" Roof Curb, Add	*281.86*	
		For Backdraft Damper, Add	*207.68*	
		For Damper Motor, Add	*197.53*	
23 34 23 00-0019		Propeller Exhaust Fans, Roof Mounted Upblast *(23 34 23 00-0001)*		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	7,697.21	727.34
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	12,719.87	945.55
23 34 23 00-0022		Belt Drive Supply Fans *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,002.54	377.67
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,074.15	472.82
23 34 23 00-0025		Fan Thermostat *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	136.72	
23 34 23 00-0027		Power Wall Ventilators *(23 34 23)*		
23 34 23 00-0028		Centrifugal Sidewall Exhausters *(23 34 23 00-0027)*		
23 34 23 00-0029		Direct Drive, Aluminum, Centrifugal Sidewall Exhauster *(23 34 23 00-0028)*		
		Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	775.36	152.27
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*154.97*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*111.61*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	888.44	178.76
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*171.46*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*132.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,353.73	201.46
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*193.83*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*154.36*	

23 34 23 00-0033 Belt Drive, Aluminum, Centrifugal Sidewall Exhausters *(23 34 23 00-0028)*
Note: Greenheck CWB.

23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,091.67	113.71
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*180.11*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*235.32*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,208.88	128.06
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*180.11*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*235.32*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,713.95	146.49
		For Solid State Speed Control, Add	*146.79*	
		For Backdraft Damper, Add	*225.48*	
		For Damper Motor, Add	*335.42*	
		For Interior Wall Grill, Add	*273.72*	

23 34 33 Air Curtains *(23 34)*

23 34 33 00-0001 Unheated Air Curtains For Entrances *(23 34 33)*

23 34 33 00-0002 Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*

23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,091.16	693.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,121.75	693.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,154.90	693.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,703.06	693.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	3,061.13	832.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	3,252.35	832.33
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	3,599.34	960.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	4,362.95	960.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	4,459.83	960.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	4,717.34	960.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*509.63*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*378.59*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*582.44*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	2,598.53	693.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	2,638.05	693.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	2,654.62	693.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	2,686.49	693.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	4,223.75	832.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	4,420.06	832.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	4,694.40	960.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	5,373.87	960.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	5,445.25	960.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	5,723.16	960.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*297.16*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0024		Service Window Unheated Air Curtains *(23 34 33 00-0001)* Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls.	1,931.08	546.69
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0026		Heated Air Curtains For Entrances *(23 34 33)* Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	3,603.51	610.53
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	3,921.13	610.53
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	4,323.61	732.55
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,704.75	732.55
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	5,764.01	976.57
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	6,272.20	976.57
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	7,024.03	1,189.85
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	7,643.38	1,189.85
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	8,825.60	1,494.88
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	10,366.05	1,494.88
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	10,087.02	1,708.64
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	11,847.15	1,708.64
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	11,524.79	1,952.66
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	13,536.38	1,952.66
		For Door Limit Switch, Combination Roller And Plunger, Add	*187.21*	
		For Flat Side Extension Plates, Add	*148.58*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*297.16*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*356.59*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*376.40*	

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23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,008.22	819.55
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,479.22	973.21
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,392.85	1,126.88
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,138.79	1,331.77
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	13,316.96	1,537.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	16,172.72	1,793.38
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	18,526.33	2,049.57
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	20,820.13	2,357.00
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	23,224.56	2,664.44
23 35 13 13-0011		Vacuum Tubing And Accessories *(23 35 13 13)*		
23 35 13 13-0012		Vacuum Tubing *(23 35 13 13-0011)*		
23 35 13 13-0013		Flexible Hose *(23 35 13 13-0012)*		
23 35 13 13-0014	LF	2" Flexible Hose	11.49	1.70
23 35 13 13-0015	LF	3" Flexible Hose	13.80	1.90
23 35 13 13-0016	LF	4" Flexible Hose	14.97	2.08
23 35 13 13-0017		Galvanized Vacuum Tubing *(23 35 13 13-0012)*		
23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	9.29	1.70
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	10.40	1.80
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	12.42	1.90
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	16.21	1.99
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	16.67	2.08
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	27.71	2.36
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	31.23	2.74
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	42.23	3.78
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	49.43	4.73
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	123.80	6.24
23 35 13 13-0028		Vacuum Fittings, Galvanized *(23 35 13 13-0011)*		
23 35 13 13-0029		90 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	46.38	10.87
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	57.54	11.63
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	71.92	12.68
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	84.95	13.72
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	101.32	15.13
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	168.22	16.83
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	223.59	18.92
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	402.08	25.25
23 35 13 13-0038		45 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	43.39	10.87
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	55.07	11.63
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	63.63	12.68
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	75.61	13.72
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	92.68	15.13
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	138.26	16.83
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	179.53	18.92
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	328.06	25.25
23 35 13 13-0047		Wye *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	84.28	17.97
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	101.38	19.38
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	123.86	20.81
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	150.69	23.18
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	201.15	25.06
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	340.84	27.90
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	451.99	31.69
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	894.88	34.52
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,239.99	37.83
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,566.82	42.37
23 35 13 13-0058		Reducer *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	47.76	12.68
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	53.13	13.72
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	67.28	15.13
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	72.54	16.83
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	84.93	18.92
23 35 13 13-0064		Air Gate Valve, Galvanized *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	335.24	25.25
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	351.13	26.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	403.50	29.04
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	459.95	31.02
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	518.61	32.92
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	612.51	37.55
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	705.61	42.09

23 35 16 Engine Exhaust Systems *(23 35)*

23 35 16 16 Mechanical Engine Exhaust Systems *(23 35 16)*

23 35 16 16-0001 Overhead Tailpipe Exhaust System *(23 35 16 16)*

23 35 16 16-0002 Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0001)*

23 35 16 16-0003 Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*

23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,415.87	201.46
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,889.88	411.44
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	5,440.50	498.46

23 35 16 16-0007 Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*

23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	3,778.00	411.44
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,003.41	498.46
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,723.78	788.82
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,762.44	1,017.71
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	7,308.11	1,212.55

23 35 16 16-0013 Spiral Exhaust Duct Accessories *(23 35 16 16-0001)*

23 35 16 16-0014 Flex Hose x Length *(23 35 16 16-0013)*

Note: Includes duct coupler, damper and tailpipe adapter.

23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	143.44	50.13
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	123.41	50.13
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	220.27	79.45
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	186.80	79.45
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	314.13	125.80
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	302.15	125.80
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	480.83	199.57
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	455.63	199.57

23 35 16 16-0023 Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*

23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	159.41	50.13
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	231.93	79.45
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	136.34	50.13
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	197.70	79.45
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,217.73	67.53
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,071.97	123.90
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,180.45	123.90
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	57.04	9.65
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	63.71	9.65

23 35 16 16-0033 Flexible Hose *(23 35 16 16-0013)*

23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	33.79	2.36
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	43.03	2.65
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	51.16	2.74
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	60.40	2.93
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	20.96	2.36
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	24.65	2.65
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	28.34	2.74
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	31.65	2.93

23 35 16 16-0042 Accessories *(23 35 16 16-0001)*

23 35 16 16-0043	EA	3" Tail Pipe Adapter	47.30	7.09
23 35 16 16-0044	EA	4" Tail Pipe Adapter	48.62	7.09
23 35 16 16-0045	EA	5" Tail Pipe Adapter	51.84	8.04
23 35 16 16-0046	EA	3" Bullnose (Guide)	26.38	4.73
23 35 16 16-0047	EA	4" Bullnose (Guide)	28.07	5.20
23 35 16 16-0048	EA	5" Bullnose (Guide)	29.97	5.68
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	196.37	53.63
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.11	

23 35 19 Fume Exhaust Systems *(23 35)*

23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,327.43	378.05
23 35 19 00-0002	EA	Hose Extension Kit 5'	359.31	83.99

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 Air Terminal Units *(23 30)*				
23 36 13 Constant-Air-Volume Units *(23 36)*				
23 36 13 00-0001		Vertical Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,419.55	136.65
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,705.16	147.16
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,818.48	152.42
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	1,942.33	162.93
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,188.71	168.18
23 36 13 00-0007		Horizontal Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,208.00	136.65
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,440.58	147.16
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	1,715.85	155.05
23 36 13 00-0011		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0012		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,272.77	38.92
		For Boxes With Motor, Add	*223.82*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,409.06	42.00
		For Boxes With Motor, Add	*248.28*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,462.51	46.10
		For Boxes With Motor, Add	*255.62*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,488.53	48.15
		For Boxes With Motor, Add	*259.29*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,508.40	53.27
		For Boxes With Motor, Add	*259.29*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,725.51	59.42
		For Boxes With Motor, Add	*297.21*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	1,808.31	66.59
		For Boxes With Motor, Add	*308.21*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	1,914.58	79.91
		For Boxes With Motor, Add	*319.33*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,019.93	92.20
		For Boxes With Motor, Add	*330.23*	
23 36 13 00-0022		Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,799.24	38.92
		For Boxes With Motor, Add	*329.12*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	1,924.31	42.00
		For Boxes With Motor, Add	*351.33*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,007.03	46.10
		For Boxes With Motor, Add	*364.53*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,091.09	48.15
		For Boxes With Motor, Add	*379.80*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,110.96	53.27
		For Boxes With Motor, Add	*379.80*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,426.64	60.44
		For Boxes With Motor, Add	*437.43*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	2,652.14	66.59
		For Boxes With Motor, Add	*477.01*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	2,852.26	79.91
		For Boxes With Motor, Add	*506.87*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	2,972.55	92.20
		For Boxes With Motor, Add	*520.75*	
23 36 16 Variable-Air-Volume Units *(23 36)*				
23 36 16 00-0001		Variable Volume Terminal Unit *(23 36 16)* Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002		Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)* Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	537.03	47.12
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	600.43	53.27
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	667.91	59.42
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	711.19	66.59
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	983.01	143.32
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,173.92	170.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0009		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With pneumatic controls.		
23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,152.10	47.12
		For Fan Powered Variable Air Volume Box, Add	*1,240.25*	
		For Hot Water Coils, Add	*391.68*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,244.37	53.27
		For Fan Powered Variable Air Volume Box, Add	*1,328.04*	
		For Hot Water Coils, Add	*418.69*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,300.75	59.42
		For Fan Powered Variable Air Volume Box, Add	*1,368.98*	
		For Hot Water Coils, Add	*430.39*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,355.12	66.59
		For Fan Powered Variable Air Volume Box, Add	*1,407.18*	
		For Hot Water Coils, Add	*441.20*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,566.99	143.32
		For Fan Powered Variable Air Volume Box, Add	*1,578.06*	
		For Hot Water Coils, Add	*491.62*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	1,806.76	170.06
		For Fan Powered Variable Air Volume Box, Add	*1,708.58*	
		For Hot Water Coils, Add	*524.94*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0016		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With analog electronic controls.		
23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	1,918.16	47.12
		For Hot Water Coils, Add	*702.31*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	1,992.67	53.27
		For Hot Water Coils, Add	*722.12*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,060.15	59.42
		For Hot Water Coils, Add	*738.33*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,156.72	66.59
		For Hot Water Coils, Add	*766.24*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,370.80	143.32
		For Hot Water Coils, Add	*817.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,415.21	143.32
		For Hot Water Coils, Add	*835.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0023		**Dual Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,307.63	93.12
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,428.83	106.03
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,527.95	119.76
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	1,675.01	133.59
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	1,882.13	153.66
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,062.88	184.40
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		**Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)** *(23 36 16 00-0001)*		
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	539.50	64.03
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	584.95	70.43
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	631.79	76.83
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	680.10	83.23
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	730.02	89.63
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	781.64	96.04
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	839.74	102.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	895.45	108.85
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	953.27	115.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,013.33	121.65
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,075.83	128.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,140.88	134.46
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,208.70	140.86
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,273.09	147.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,346.58	153.66
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	107.80	13.32
		For Steel Construction, Deduct	*-8.27*	
		For Surface Mount, Deduct	*-6.61*	
		For Diffuser Without Damper, Deduct	*-11.02*	
		For Stainless Steel, Add	*137.78*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	120.05	13.32
		For Steel Construction, Deduct	*-10.10*	
		For Surface Mount, Deduct	*-8.08*	
		For Diffuser Without Damper, Deduct	*-13.47*	
		For Stainless Steel, Add	*168.40*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	120.05	13.32
		For Steel Construction, Deduct	*-10.10*	
		For Surface Mount, Deduct	*-8.08*	
		For Diffuser Without Damper, Deduct	*-13.47*	
		For Stainless Steel, Add	*168.40*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	144.21	16.39
		For Steel Construction, Deduct	*-12.09*	
		For Surface Mount, Deduct	*-9.68*	
		For Diffuser Without Damper, Deduct	*-16.13*	
		For Stainless Steel, Add	*201.58*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	144.21	15.36
		For Steel Construction, Deduct	*-12.09*	
		For Surface Mount, Deduct	*-9.68*	
		For Diffuser Without Damper, Deduct	*-16.13*	
		For Stainless Steel, Add	*201.58*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	166.66	15.36
		For Steel Construction, Deduct	*-15.46*	
		For Surface Mount, Deduct	*-12.37*	
		For Diffuser Without Damper, Deduct	*-20.62*	
		For Stainless Steel, Add	*257.70*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	190.67	20.49
		For Steel Construction, Deduct	*-16.63*	
		For Surface Mount, Deduct	*-13.30*	
		For Diffuser Without Damper, Deduct	*-22.17*	
		For Stainless Steel, Add	*277.10*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	222.22	21.51
		For Steel Construction, Deduct	*-20.76*	
		For Surface Mount, Deduct	*-16.61*	
		For Diffuser Without Damper, Deduct	*-27.68*	
		For Stainless Steel, Add	*346.00*	
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	251.48	24.59
		For Steel Construction, Deduct	*-23.09*	
		For Surface Mount, Deduct	*-18.47*	
		For Lay-In Mount, Deduct	*-18.47*	
		For Diffuser Without Damper, Deduct	*-30.78*	
		For Stainless Steel, Add	*384.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0012		Ceiling Diffusers With Louver Face *(23 37 13 13-0001)*		
		Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	111.89	13.32
		For Steel Construction, Deduct	*-8.88*	
		For Flush Mount, Add	*8.88*	
		For Stainless Steel, Add	*148.00*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	127.81	13.32
		For Steel Construction, Deduct	*-11.27*	
		For Flush Mount, Add	*11.27*	
		For Stainless Steel, Add	*187.80*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	127.81	13.32
		For Steel Construction, Deduct	*-11.27*	
		For Flush Mount, Add	*11.27*	
		For Stainless Steel, Add	*187.80*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	153.40	15.36
		For Steel Construction, Deduct	*-13.47*	
		For Flush Mount, Add	*13.47*	
		For Stainless Steel, Add	*224.55*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	153.40	16.39
		For Steel Construction, Deduct	*-13.47*	
		For Flush Mount, Add	*13.47*	
		For Stainless Steel, Add	*224.55*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	197.75	20.49
		For Steel Construction, Deduct	*-17.64*	
		For Flush Mount, Add	*17.64*	
		For Stainless Steel, Add	*293.95*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	176.11	20.49
		For Steel Construction, Deduct	*-14.39*	
		For Flush Mount, Add	*14.39*	
		For Stainless Steel, Add	*239.85*	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	220.14	24.59
		For Steel Construction, Deduct	*-18.46*	
		For Flush Mount, Add	*18.46*	
		For Stainless Steel, Add	*307.73*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	255.42	27.66
		For Steel Construction, Deduct	*-22.96*	
		For Flush Mount, Add	*22.96*	
		For Stainless Steel, Add	*382.73*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	279.32	54.19
		For Steel Construction, Deduct	*-25.63*	
		For Flush Mount, Add	*25.63*	
		For Lay-In Mount, Add	*34.17*	
		For Stainless Steel, Add	*427.13*	
23 37 13 13-0023		Round Ceiling Diffusers With Fixed Pattern *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	185.19	13.32
		For Steel Construction, Deduct	*-39.75*	
		For Stainless Steel, Add	*331.25*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	191.99	13.32
		For Steel Construction, Deduct	*-41.79*	
		For Stainless Steel, Add	*348.25*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	216.46	16.39
		For Steel Construction, Deduct	*-45.86*	
		For Stainless Steel, Add	*382.20*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	233.45	15.36
		For Steel Construction, Deduct	*-50.96*	
		For Stainless Steel, Add	*424.68*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	335.36	18.44
		For Steel Construction, Deduct	*-78.48*	
		For Stainless Steel, Add	*654.00*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	353.72	19.47
		For Steel Construction, Deduct	*-83.07*	
		For Stainless Steel, Add	*692.23*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	372.35	20.49
		For Steel Construction, Deduct	*-87.65*	
		For Stainless Steel, Add	*730.45*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	431.11	20.49
		For Steel Construction, Deduct	*-104.19*	
		For Stainless Steel, Add	*868.23*	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	514.99	23.56
		For Steel Construction, Deduct	*-126.84*	
		For Stainless Steel, Add	*1,056.98*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	580.24	24.59
		For Steel Construction, Deduct	*-144.96*	
		For Stainless Steel, Add	*1,207.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	693.58	27.66
		For Steel Construction, Deduct	*-175.53*	
		For Stainless Steel, Add	*1,462.78*	
23 37 13 13-0035		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	195.38	13.32
		For Steel Construction, Deduct	*-14.27*	
		For Flush Mount, Deduct	*-7.13*	
		For Stainless Steel, Add	*356.73*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	212.94	13.32
		For Steel Construction, Deduct	*-16.03*	
		For Flush Mount, Deduct	*-8.01*	
		For Stainless Steel, Add	*400.63*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	241.00	16.39
		For Steel Construction, Deduct	*-17.74*	
		For Flush Mount, Deduct	*-8.87*	
		For Stainless Steel, Add	*443.55*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	260.63	16.39
		For Steel Construction, Deduct	*-19.71*	
		For Flush Mount, Deduct	*-9.35*	
		For Stainless Steel, Add	*492.63*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	379.53	18.44
		For Steel Construction, Deduct	*-30.58*	
		For Flush Mount, Deduct	*-15.29*	
		For Stainless Steel, Add	*764.43*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	334.40	19.47
		For Steel Construction, Deduct	*-32.67*	
		For Flush Mount, Deduct	*-16.34*	
		For Stainless Steel, Add	*816.80*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	427.84	20.49
		For Steel Construction, Deduct	*-34.77*	
		For Flush Mount, Deduct	*-17.38*	
		For Stainless Steel, Add	*869.18*	
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	497.17	21.51
		For Steel Construction, Deduct	*-41.34*	
		For Flush Mount, Deduct	*-20.67*	
		For Stainless Steel, Add	*1,033.38*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	561.80	23.56
		For Steel Construction, Deduct	*-46.96*	
		For Flush Mount, Deduct	*-23.48*	
		For Stainless Steel, Add	*1,174.00*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	682.16	24.59
		For Steel Construction, Deduct	*-58.51*	
		For Flush Mount, Deduct	*-29.26*	
		For Stainless Steel, Add	*1,462.78*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	822.31	27.66
		For Steel Construction, Deduct	*-71.38*	
		For Flush Mount, Deduct	*-35.69*	
		For Stainless Steel, Add	*1,784.60*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	911.39	57.68
		For Stainless Steel, Add	*1,990.35*	
23 37 13 13-0048		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 13-0001)*		
23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	147.21	15.36
		For Stainless Steel, Add	*214.35*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	158.86	15.36
		For Stainless Steel, Add	*243.48*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	173.21	15.36
		For Stainless Steel, Add	*279.35*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	187.18	15.36
		For Stainless Steel, Add	*314.28*	
23 37 13 13-0053		**Wall And Floor Diffusers** *(23 37 13 13)*		
23 37 13 13-0054		**Slot Type Linear Diffusers** *(23 37 13 13-0053)*		
		Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	49.82	5.12
		For 3/4" Border, Add	*7.08*	
		For Floor Mounted Diffusers, Add	*8.49*	
		For Stainless Steel, Add	*36.80*	
23 37 13 13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	61.30	6.15
		For 3/4" Border, Add	*9.44*	
		For Floor Mounted Diffusers, Add	*11.33*	
		For Stainless Steel, Add	*49.08*	
23 37 13 13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	86.11	7.17
		For 3/4" Border, Add	*14.87*	
		For Floor Mounted Diffusers, Add	*17.84*	
		For Stainless Steel, Add	*77.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	114.63	7.17
		For 3/4" Border, Add	*21.24*	
		For Floor Mounted Diffusers, Add	*25.48*	
		For Stainless Steel, Add	*110.42*	
23 37 13 13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	144.25	8.20
		For 3/4" Border, Add	*27.61*	
		For Floor Mounted Diffusers, Add	*33.13*	
		For Stainless Steel, Add	*143.55*	
23 37 13 13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	169.13	10.24
		For 3/4" Border, Add	*32.56*	
		For Floor Mounted Diffusers, Add	*39.07*	
		For Stainless Steel, Add	*169.30*	
23 37 13 13-0061		Linear Bar Grilles And Registers *(23 37 13 13-0053)*		
		Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13 13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	160.39	6.15
		For Floor Mount, Add	*13.68*	
		For Opposed Blade Damper, Add	*27.37*	
		For Stainless Steel, Add	*177.89*	
23 37 13 13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	191.80	7.17
		For Floor Mount, Add	*16.52*	
		For Opposed Blade Damper, Add	*33.03*	
		For Stainless Steel, Add	*214.70*	
23 37 13 13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	209.00	7.17
		For Floor Mount, Add	*17.93*	
		For Opposed Blade Damper, Add	*35.86*	
		For Stainless Steel, Add	*233.10*	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	255.96	10.24
		For Floor Mount, Add	*21.71*	
		For Opposed Blade Damper, Add	*43.41*	
		For Stainless Steel, Add	*282.18*	
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	354.23	13.32
		For Floor Mount, Add	*30.20*	
		For Opposed Blade Damper, Add	*60.40*	
		For Stainless Steel, Add	*392.59*	
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	408.04	15.36
		For Floor Mount, Add	*34.45*	
		For Opposed Blade Damper, Add	*68.89*	
		For Stainless Steel, Add	*447.80*	
23 37 13 13-0068		Return/Exhaust Registers And Grilles *(23 37 13 13)*		
23 37 13 13-0069		Return/Exhaust Registers With Frame *(23 37 13 13-0068)*		
		Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	107.77	8.20
		For Steel Construction, Deduct	*-15.19*	
		For Grilles (No Damper), Deduct	*-30.39*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*7.60*	
		For Cube Core Lay In, Add	*15.19*	
		For Stainless Steel, Add	*189.93*	
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	124.29	8.20
		For Steel Construction, Deduct	*-18.50*	
		For Grilles (No Damper), Deduct	*-37.00*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.25*	
		For Cube Core Lay In, Add	*18.50*	
		For Stainless Steel, Add	*231.23*	
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	139.27	9.22
		For Steel Construction, Deduct	*-20.48*	
		For Grilles (No Damper), Deduct	*-40.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.24*	
		For Cube Core Lay In, Add	*20.48*	
		For Stainless Steel, Add	*255.98*	
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	145.28	10.24
		For Steel Construction, Deduct	*-20.48*	
		For Grilles (No Damper), Deduct	*-40.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.24*	
		For Cube Core Lay In, Add	*20.48*	
		For Stainless Steel, Add	*255.98*	
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	138.68	10.24
		For Steel Construction, Deduct	*-19.16*	
		For Grilles (No Damper), Deduct	*-38.32*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.58*	
		For Cube Core Lay In, Add	*19.16*	
		For Stainless Steel, Add	*239.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	178.21	13.32
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.21*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*313.80*	
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	213.44	15.36
		For Steel Construction, Deduct	*-29.97*	
		For Grilles (No Damper), Deduct	*-59.94*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*14.99*	
		For Cube Core Lay In, Add	*29.97*	
		For Stainless Steel, Add	*374.65*	
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	262.03	18.44
		For Steel Construction, Deduct	*-37.65*	
		For Grilles (No Damper), Deduct	*-75.31*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*18.83*	
		For Cube Core Lay In, Add	*37.65*	
		For Stainless Steel, Add	*470.68*	
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	308.16	20.49
		For Steel Construction, Deduct	*-45.60*	
		For Grilles (No Damper), Deduct	*-91.20*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*22.80*	
		For Cube Core Lay In, Add	*45.60*	
		For Stainless Steel, Add	*569.98*	
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	274.52	20.49
		For Steel Construction, Deduct	*-38.14*	
		For Grilles (No Damper), Deduct	*-76.28*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*19.07*	
		For Cube Core Lay In, Add	*38.14*	
		For Stainless Steel, Add	*476.75*	
23 37 13 13-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	315.03	20.49
		For Steel Construction, Deduct	*-46.24*	
		For Grilles (No Damper), Deduct	*-92.48*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.12*	
		For Cube Core Lay In, Add	*46.24*	
		For Stainless Steel, Add	*578.03*	
23 37 13 13-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	331.84	23.56
		For Steel Construction, Deduct	*-47.93*	
		For Grilles (No Damper), Deduct	*-95.86*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.96*	
		For Cube Core Lay In, Add	*47.93*	
		For Stainless Steel, Add	*599.10*	
23 37 13 13-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	351.73	24.59
		For Steel Construction, Deduct	*-50.94*	
		For Grilles (No Damper), Deduct	*-101.87*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*25.47*	
		For Cube Core Lay In, Add	*50.94*	
		For Stainless Steel, Add	*636.70*	
23 37 13 13-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	405.73	27.66
		For Steel Construction, Deduct	*-59.45*	
		For Grilles (No Damper), Deduct	*-118.90*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.73*	
		For Cube Core Lay In, Add	*59.45*	
		For Stainless Steel, Add	*743.15*	
23 37 13 13-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	453.42	32.79
		For Steel Construction, Deduct	*-64.34*	
		For Grilles (No Damper), Deduct	*-128.68*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*32.17*	
		For Cube Core Lay In, Add	*64.34*	
		For Stainless Steel, Add	*804.25*	
23 37 13 13-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	593.28	32.79
		For Steel Construction, Deduct	*-92.31*	
		For Grilles (No Damper), Deduct	*-184.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*46.16*	
		For Cube Core Lay In, Add	*92.31*	
		For Stainless Steel, Add	*1,153.90*	
23 37 13 13-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	489.37	35.86
		For Steel Construction, Deduct	*-69.50*	
		For Grilles (No Damper), Deduct	*-139.01*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*34.75*	
		For Cube Core Lay In, Add	*69.50*	
		For Stainless Steel, Add	*868.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	476.09	34.83
		For Steel Construction, Deduct	*-66.85*	
		For Grilles (No Damper), Deduct	*-133.70*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*33.42*	
		For Cube Core Lay In, Add	*66.85*	
		For Stainless Steel, Add	*835.60*	
23 37 13 13-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	542.91	38.92
		For Steel Construction, Deduct	*-77.85*	
		For Grilles (No Damper), Deduct	*-155.70*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*38.93*	
		For Cube Core Lay In, Add	*77.85*	
		For Stainless Steel, Add	*973.13*	
23 37 13 13-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	740.52	42.00
		For Steel Construction, Deduct	*-114.58*	
		For Grilles (No Damper), Deduct	*-229.15*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*57.29*	
		For Cube Core Lay In, Add	*114.58*	
		For Stainless Steel, Add	*1,432.20*	
23 37 13 13-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	326.32	23.66
		For Steel Construction, Deduct	*-46.36*	
		For Grilles (No Damper), Deduct	*-92.71*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.18*	
		For Cube Core Lay In, Add	*46.36*	
		For Stainless Steel, Add	*579.45*	
23 37 13 13-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	591.04	41.90
		For Steel Construction, Deduct	*-84.68*	
		For Grilles (No Damper), Deduct	*-169.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*42.34*	
		For Cube Core Lay In, Add	*84.68*	
		For Stainless Steel, Add	*1,058.50*	
23 37 13 13-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	639.51	40.98
		For Steel Construction, Deduct	*-97.17*	
		For Grilles (No Damper), Deduct	*-194.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*48.59*	
		For Cube Core Lay In, Add	*97.17*	
		For Stainless Steel, Add	*1,214.63*	
23 37 13 13-0093		**Return/Exhaust Registers Removable-Reversible** *(23 37 13 13-0068)*		
		Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	99.18	8.20
		For Steel Construction, Deduct	*-6.74*	
		For Flat Frame, Deduct	*-0.67*	
		For Grilles (No Damper), Deduct	*-13.48*	
		For Stainless Steel, Add	*168.45*	
23 37 13 13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	99.18	8.20
		For Steel Construction, Deduct	*-6.74*	
		For Flat Frame, Deduct	*-0.67*	
		For Grilles (No Damper), Deduct	*-13.48*	
		For Stainless Steel, Add	*168.45*	
23 37 13 13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	122.10	9.22
		For Steel Construction, Deduct	*-8.52*	
		For Flat Frame, Deduct	*-0.85*	
		For Grilles (No Damper), Deduct	*-17.04*	
		For Stainless Steel, Add	*213.05*	
23 37 13 13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	140.00	11.27
		For Steel Construction, Deduct	*-9.71*	
		For Flat Frame, Deduct	*-0.97*	
		For Grilles (No Damper), Deduct	*-19.42*	
		For Stainless Steel, Add	*242.78*	
23 37 13 13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	138.02	10.24
		For Steel Construction, Deduct	*-9.51*	
		For Flat Frame, Deduct	*-0.95*	
		For Grilles (No Damper), Deduct	*-19.03*	
		For Stainless Steel, Add	*237.83*	
23 37 13 13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	179.53	13.32
		For Steel Construction, Deduct	*-12.68*	
		For Flat Frame, Deduct	*-1.27*	
		For Grilles (No Damper), Deduct	*-25.37*	
		For Stainless Steel, Add	*317.10*	
23 37 13 13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	292.81	16.39
		For Steel Construction, Deduct	*-22.92*	
		For Flat Frame, Deduct	*-2.29*	
		For Grilles (No Damper), Deduct	*-45.85*	
		For Stainless Steel, Add	*573.08*	
23 37 13 13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	353.20	18.44
		For Steel Construction, Deduct	*-27.94*	
		For Flat Frame, Deduct	*-2.79*	
		For Grilles (No Damper), Deduct	*-55.89*	
		For Stainless Steel, Add	*698.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	399.25	20.49
		For Steel Construction, Deduct	*-31.91*	
		For Flat Frame, Deduct	*-3.19*	
		For Grilles (No Damper), Deduct	*-63.82*	
		For Stainless Steel, Add	*797.70*	
23 37 13 13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	329.57	20.49
		For Steel Construction, Deduct	*-24.58*	
		For Flat Frame, Deduct	*-2.46*	
		For Grilles (No Damper), Deduct	*-49.15*	
		For Stainless Steel, Add	*614.38*	
23 37 13 13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	448.48	21.51
		For Steel Construction, Deduct	*-36.47*	
		For Flat Frame, Deduct	*-3.65*	
		For Grilles (No Damper), Deduct	*-72.93*	
		For Stainless Steel, Add	*911.65*	
23 37 13 13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	524.24	23.56
		For Steel Construction, Deduct	*-43.20*	
		For Flat Frame, Deduct	*-4.32*	
		For Grilles (No Damper), Deduct	*-86.41*	
		For Stainless Steel, Add	*1,080.10*	
23 37 13 13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	398.29	24.59
		For Steel Construction, Deduct	*-30.12*	
		For Flat Frame, Deduct	*-3.01*	
		For Grilles (No Damper), Deduct	*-60.25*	
		For Stainless Steel, Add	*753.10*	
23 37 13 13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	552.40	27.66
		For Steel Construction, Deduct	*-44.39*	
		For Flat Frame, Deduct	*-4.44*	
		For Grilles (No Damper), Deduct	*-88.79*	
		For Stainless Steel, Add	*1,109.83*	
23 37 13 13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	664.83	32.79
		For Steel Construction, Deduct	*-53.31*	
		For Flat Frame, Deduct	*-5.33*	
		For Grilles (No Damper), Deduct	*-106.62*	
		For Stainless Steel, Add	*1,332.78*	
23 37 13 13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	764.92	32.79
		For Steel Construction, Deduct	*-63.32*	
		For Flat Frame, Deduct	*-6.33*	
		For Grilles (No Damper), Deduct	*-126.64*	
		For Stainless Steel, Add	*1,583.00*	
23 37 13 13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	512.45	34.83
		For Steel Construction, Deduct	*-37.06*	
		For Flat Frame, Deduct	*-3.71*	
		For Grilles (No Damper), Deduct	*-74.12*	
		For Stainless Steel, Add	*926.50*	
23 37 13 13-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	702.71	34.83
		For Steel Construction, Deduct	*-56.09*	
		For Flat Frame, Deduct	*-5.61*	
		For Grilles (No Damper), Deduct	*-112.17*	
		For Stainless Steel, Add	*1,402.15*	
23 37 13 13-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	815.59	38.92
		For Steel Construction, Deduct	*-66.19*	
		For Flat Frame, Deduct	*-6.62*	
		For Grilles (No Damper), Deduct	*-132.39*	
		For Stainless Steel, Add	*1,654.83*	
23 37 13 13-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	955.42	42.00
		For Steel Construction, Deduct	*-78.78*	
		For Flat Frame, Deduct	*-7.88*	
		For Grilles (No Damper), Deduct	*-157.56*	
		For Stainless Steel, Add	*1,969.45*	
23 37 13 13-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,010.91	42.00
		For Steel Construction, Deduct	*-84.33*	
		For Flat Frame, Deduct	*-8.43*	
		For Grilles (No Damper), Deduct	*-168.65*	
		For Stainless Steel, Add	*2,108.18*	

23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0068)*

23 37 13 13-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	51.77	10.03
23 37 13 13-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	51.77	10.03
23 37 13 13-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	56.65	10.03
23 37 13 13-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	58.61	10.03
23 37 13 13-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	56.65	10.03
23 37 13 13-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	58.61	10.03
23 37 13 13-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.02	13.15
23 37 13 13-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	71.98	13.15
23 37 13 13-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	68.07	13.15
23 37 13 13-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	71.98	13.15
23 37 13 13-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	73.93	13.15
23 37 13 13-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	75.89	13.15
23 37 13 13-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	72.95	13.15
23 37 13 13-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	76.86	13.15
23 37 13 13-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	78.82	13.15
23 37 13 13-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.61	13.15
23 37 13 13-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	76.86	13.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	83.70	13.15
23 37 13 13-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.61	13.15
23 37 13 13-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	111.41	19.38
23 37 13 13-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	113.36	19.38
23 37 13 13-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	109.45	19.38
23 37 13 13-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	134.55	22.51
23 37 13 13-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	107.50	19.38
23 37 13 13-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	144.32	22.51
23 37 13 13-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	74.91	13.15
23 37 13 13-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	109.45	19.38
23 37 13 13-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	161.60	25.63
23 37 13 13-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	107.50	19.38
23 37 13 13-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	111.41	19.38
23 37 13 13-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	128.69	22.51
		For Lay-In Installation, Deduct	*-47.56*	
23 37 13 13-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	134.55	22.51
23 37 13 13-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	149.87	25.63
23 37 13 13-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	155.74	25.63
23 37 13 13-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	162.58	25.63
23 37 13 13-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	175.28	25.63
		For Lay-In Installation, Deduct	*-54.44*	
23 37 13 13-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	131.62	22.51
23 37 13 13-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	217.04	28.09
23 37 13 13-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	377.66	34.33
		For Lay-In Installation, Deduct	*-78.34*	

23 37 13 13-0155 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0156 Adjustable Curved Blade Register *(23 37 13 13-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	89.50	8.20
		For Steel Construction, Deduct	*-8.66*	
		For Lay In Frame, Deduct	*-14.44*	
		For Three Way Pattern, Deduct	*-5.78*	
		For Two Way Pattern, Deduct	*-4.62*	
		For One Way Pattern, Deduct	*-4.62*	
		For Grille (No Damper), Deduct	*-8.66*	
		For Stainless Steel, Add	*144.40*	
23 37 13 13-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	92.89	8.20
		For Steel Construction, Deduct	*-9.17*	
		For Lay In Frame, Deduct	*-15.29*	
		For Three Way Pattern, Deduct	*-6.12*	
		For Two Way Pattern, Deduct	*-4.89*	
		For One Way Pattern, Deduct	*-4.89*	
		For Grille (No Damper), Deduct	*-9.17*	
		For Stainless Steel, Add	*152.88*	
23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	100.75	11.27
		For Steel Construction, Deduct	*-8.66*	
		For Lay In Frame, Deduct	*-14.44*	
		For Three Way Pattern, Deduct	*-5.78*	
		For Two Way Pattern, Deduct	*-4.62*	
		For One Way Pattern, Deduct	*-4.62*	
		For Grille (No Damper), Deduct	*-8.66*	
		For Stainless Steel, Add	*144.40*	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	113.20	10.24
		For Steel Construction, Deduct	*-10.53*	
		For Lay In Frame, Deduct	*-17.55*	
		For Three Way Pattern, Deduct	*-7.02*	
		For Two Way Pattern, Deduct	*-5.62*	
		For One Way Pattern, Deduct	*-5.62*	
		For Grille (No Damper), Deduct	*-10.53*	
		For Stainless Steel, Add	*175.53*	
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	136.04	13.32
		For Steel Construction, Deduct	*-12.57*	
		For Lay In Frame, Deduct	*-20.95*	
		For Three Way Pattern, Deduct	*-8.38*	
		For Two Way Pattern, Deduct	*-6.70*	
		For One Way Pattern, Deduct	*-6.70*	
		For Grille (No Damper), Deduct	*-12.57*	
		For Stainless Steel, Add	*209.50*	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	167.77	15.36
		For Steel Construction, Deduct	*-15.63*	
		For Lay In Frame, Deduct	*-26.05*	
		For Three Way Pattern, Deduct	*-10.42*	
		For Two Way Pattern, Deduct	*-8.34*	
		For One Way Pattern, Deduct	*-8.34*	
		For Grille (No Damper), Deduct	*-15.63*	
		For Stainless Steel, Add	*260.48*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	167.77	15.36
		For Steel Construction, Deduct	*-15.63*	
		For Lay In Frame, Deduct	*-26.05*	
		For Three Way Pattern, Deduct	*-10.42*	
		For Two Way Pattern, Deduct	*-8.34*	
		For One Way Pattern, Deduct	*-8.34*	
		For Grille (No Damper), Deduct	*-15.63*	
		For Stainless Steel, Add	*260.48*	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	206.67	20.49
		For Steel Construction, Deduct	*-19.03*	
		For Lay In Frame, Deduct	*-31.71*	
		For Three Way Pattern, Deduct	*-12.68*	
		For Two Way Pattern, Deduct	*-10.15*	
		For One Way Pattern, Deduct	*-10.15*	
		For Grille (No Damper), Deduct	*-19.03*	
		For Stainless Steel, Add	*317.10*	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	275.21	21.51
		For Steel Construction, Deduct	*-28.71*	
		For Lay In Frame, Deduct	*-47.85*	
		For Three Way Pattern, Deduct	*-19.14*	
		For Two Way Pattern, Deduct	*-15.31*	
		For One Way Pattern, Deduct	*-15.31*	
		For Grille (No Damper), Deduct	*-28.71*	
		For Stainless Steel, Add	*478.48*	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	454.37	43.43
		For Steel Construction, Deduct	*-55.12*	
		For Lay In Frame, Deduct	*-91.87*	
		For Three Way Pattern, Deduct	*-36.75*	
		For Two Way Pattern, Deduct	*-29.40*	
		For One Way Pattern, Deduct	*-29.40*	
		For Grille (No Damper), Deduct	*-55.12*	
		For Stainless Steel, Add	*918.73*	
23 37 13 13-0167		Removable-Reversible Core Registers *(23 37 13 13-0155)*		
		Note: Double deflection radiused frame aluminum construction.		
23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	104.22	8.20
		For Steel Construction, Deduct	*-7.25*	
		For Flat Frame, Deduct	*-7.25*	
		For Grille (No Damper), Deduct	*-21.74*	
		For Stainless Steel, Add	*181.20*	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	133.66	8.20
		For Steel Construction, Deduct	*-10.19*	
		For Flat Frame, Deduct	*-10.19*	
		For Grille (No Damper), Deduct	*-30.58*	
		For Stainless Steel, Add	*254.80*	
23 37 13 13-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	169.83	11.27
		For Steel Construction, Deduct	*-12.68*	
		For Flat Frame, Deduct	*-12.68*	
		For Grille (No Damper), Deduct	*-38.05*	
		For Stainless Steel, Add	*317.10*	
23 37 13 13-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	172.09	11.27
		For Steel Construction, Deduct	*-12.91*	
		For Flat Frame, Deduct	*-12.91*	
		For Grille (No Damper), Deduct	*-38.73*	
		For Stainless Steel, Add	*322.75*	
23 37 13 13-0172	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	219.85	13.32
		For Steel Construction, Deduct	*-16.76*	
		For Flat Frame, Deduct	*-16.76*	
		For Grille (No Damper), Deduct	*-50.28*	
		For Stainless Steel, Add	*419.03*	
23 37 13 13-0173	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	314.99	16.39
		For Steel Construction, Deduct	*-25.14*	
		For Flat Frame, Deduct	*-25.14*	
		For Grille (No Damper), Deduct	*-75.42*	
		For Stainless Steel, Add	*628.53*	
23 37 13 13-0174	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	355.76	15.36
		For Steel Construction, Deduct	*-29.22*	
		For Flat Frame, Deduct	*-29.22*	
		For Grille (No Damper), Deduct	*-87.65*	
		For Stainless Steel, Add	*730.45*	
23 37 13 13-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	428.63	20.49
		For Steel Construction, Deduct	*-34.88*	
		For Flat Frame, Deduct	*-34.88*	
		For Grille (No Damper), Deduct	*-104.64*	
		For Stainless Steel, Add	*872.00*	
23 37 13 13-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	543.61	20.49
		For Steel Construction, Deduct	*-45.98*	
		For Flat Frame, Deduct	*-45.98*	
		For Grille (No Damper), Deduct	*-137.94*	
		For Stainless Steel, Add	*1,149.48*	
23 37 13 13-0177		Supply Grille, Aluminum Drum With Aluminum Border *(23 37 13 13-0155)*		
		Note: Titus DL.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0178	EA	9" x 6" Supply Grille, Aluminum Drum	80.13	15.88
		For Stainless Steel, Add	*120.98*	
23 37 13 13-0179	EA	12" x 6" Supply Grille, Aluminum Drum	112.38	21.51
		For Stainless Steel, Add	*173.50*	
23 37 13 13-0180	EA	18" x 6" Supply Grille, Aluminum Drum	124.17	21.51
		For Stainless Steel, Add	*202.98*	
23 37 13 13-0181	EA	24" x 6" Supply Grille, Aluminum Drum	137.57	26.12
		For Stainless Steel, Add	*213.35*	
23 37 13 13-0182	EA	30" x 6" Supply Grille, Aluminum Drum	175.78	31.86
		For Stainless Steel, Add	*280.50*	
23 37 13 13-0183	EA	36" x 6" Supply Grille, Aluminum Drum	214.36	31.86
		For Stainless Steel, Add	*376.95*	
23 37 13 13-0184	EA	48" x 6" Supply Grille, Aluminum Drum	255.91	39.95
		For Stainless Steel, Add	*440.23*	
23 37 13 13-0185	EA	20" x 10" Supply Grille, Aluminum Drum	143.25	26.12
		For Stainless Steel, Add	*227.55*	
23 37 13 13-0186	EA	25" x 10" Supply Grille, Aluminum Drum	154.51	31.76
		For Stainless Steel, Add	*227.55*	
23 37 13 13-0187	EA	30" x 10" Supply Grille, Aluminum Drum	218.61	39.95
		For Stainless Steel, Add	*346.80*	
23 37 13 13-0188	EA	35" x 10" Supply Grille, Aluminum Drum	252.97	43.03
		For Stainless Steel, Add	*417.35*	
23 37 13 13-0189	EA	40" x 10" Supply Grille, Aluminum Drum	284.82	45.07
		For Stainless Steel, Add	*486.73*	
23 37 13 13-0190	EA	20" x 12" Supply Grille, Aluminum Drum	163.54	28.17
		For Stainless Steel, Add	*268.03*	
23 37 13 13-0191	EA	30" x 12" Supply Grille, Aluminum Drum	240.21	40.98
		For Stainless Steel, Add	*395.70*	
23 37 13 13-0192	EA	40" x 12" Supply Grille, Aluminum Drum	311.89	46.10
		For Stainless Steel, Add	*549.28*	
23 37 13 13-0193	EA	15" x 15" Supply Grille, Aluminum Drum	171.98	31.76
		For Stainless Steel, Add	*271.23*	
23 37 13 13-0194	EA	20" x 15" Supply Grille, Aluminum Drum	193.84	33.80
		For Stainless Steel, Add	*315.60*	
23 37 13 13-0195	EA	25" x 15" Supply Grille, Aluminum Drum	227.78	39.44
		For Stainless Steel, Add	*372.30*	
23 37 13 13-0196	EA	30" x 15" Supply Grille, Aluminum Drum	258.53	42.00
		For Stainless Steel, Add	*436.38*	
23 37 13 13-0197	EA	40" x 15" Supply Grille, Aluminum Drum	314.74	47.12
		For Stainless Steel, Add	*551.30*	

23 37 13 13-0198 Adjustable Shutter Blade Registers *(23 37 13 13-0155)*

Note: Double deflection flat frame aluminum construction.

23 37 13 13-0199	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	163.86	8.20
		For Steel Construction, Deduct	*-13.21*	
		For Single Deflection, Deduct	*-26.42*	
		For Grille (No Damper), Deduct	*-19.82*	
		For Stainless Steel, Add	*330.30*	
23 37 13 13-0200	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	190.29	8.20
		For Steel Construction, Deduct	*-15.86*	
		For Single Deflection, Deduct	*-31.71*	
		For Grille (No Damper), Deduct	*-23.78*	
		For Stainless Steel, Add	*396.38*	
23 37 13 13-0201	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	201.54	11.27
		For Steel Construction, Deduct	*-15.86*	
		For Single Deflection, Deduct	*-31.71*	
		For Grille (No Damper), Deduct	*-23.78*	
		For Stainless Steel, Add	*396.38*	
23 37 13 13-0202	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	209.09	10.24
		For Steel Construction, Deduct	*-16.61*	
		For Single Deflection, Deduct	*-33.22*	
		For Grille (No Damper), Deduct	*-24.92*	
		For Stainless Steel, Add	*415.25*	
23 37 13 13-0203	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	256.09	13.32
		For Steel Construction, Deduct	*-20.39*	
		For Single Deflection, Deduct	*-40.77*	
		For Grille (No Damper), Deduct	*-30.58*	
		For Stainless Steel, Add	*509.63*	
23 37 13 13-0204	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	342.92	15.36
		For Steel Construction, Deduct	*-27.93*	
		For Single Deflection, Deduct	*-55.87*	
		For Grille (No Damper), Deduct	*-41.90*	
		For Stainless Steel, Add	*698.35*	
23 37 13 13-0205	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	407.10	16.39
		For Steel Construction, Deduct	*-34.35*	
		For Single Deflection, Deduct	*-68.70*	
		For Grille (No Damper), Deduct	*-51.53*	
		For Stainless Steel, Add	*858.80*	
23 37 13 13-0206	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	502.62	20.49
		For Steel Construction, Deduct	*-42.28*	
		For Single Deflection, Deduct	*-84.56*	
		For Grille (No Damper), Deduct	*-63.42*	
		For Stainless Steel, Add	*1,056.98*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0207	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	699.13	21.51
		For Steel Construction, Deduct	*-61.53*	
		For Single Deflection, Deduct	*-123.06*	
		For Grille (No Damper), Deduct	*-92.30*	
		For Stainless Steel, Add	*1,538.28*	

23 37 13 13-0208 Air Conditioning And Ventilation *(23 37 13 13-0155)*

23 37 13 13-0209	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	74.32	21.51
		For Stainless Steel, Add	*78.33*	
23 37 13 13-0210	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	126.70	32.01
		For Stainless Steel, Add	*156.68*	
23 37 13 13-0211	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	194.08	44.82
		For Stainless Steel, Add	*261.13*	
23 37 13 13-0212	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	467.61	61.47
		For Stainless Steel, Add	*861.70*	

23 37 13 13-0213 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design aluminum construction.

23 37 13 13-0214	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	70.17	25.67
23 37 13 13-0215	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	75.97	25.67
23 37 13 13-0216	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	113.21	38.51
23 37 13 13-0217	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	142.19	38.51
23 37 13 13-0218	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	233.04	51.34
23 37 13 13-0219	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	407.96	51.22

23 37 13 13-0220 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0155)*

Note: Aluminum construction.

23 37 13 13-0221	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	230.86	18.48
23 37 13 13-0222	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	264.83	18.48
23 37 13 13-0223	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	319.96	20.54
23 37 13 13-0224	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	380.33	20.54
23 37 13 13-0225	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	485.58	64.18
23 37 13 13-0226	EA	6" x 6" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	91.64	30.80
23 37 13 13-0227	EA	8" x 8" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	96.77	33.37
23 37 13 13-0228	EA	10" x 10" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	112.63	35.94
23 37 13 13-0229	EA	12" x 12" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	120.99	38.51
23 37 13 13-0230	EA	14" x 14" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	134.71	41.07

23 37 13 13-0231 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design, plastic construction.

23 37 13 13-0232	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	43.29	12.29
23 37 13 13-0233	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	63.21	12.40

23 37 13 13-0234 Door Grilles Sight Proof Inverted Vee Cross Section *(23 37 13 13-0155)*

Note: Painted steel louvers and frame.

23 37 13 13-0235	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	128.33	18.48
23 37 13 13-0236	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	159.13	18.48
23 37 13 13-0237	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	200.66	19.51
23 37 13 13-0238	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	279.93	23.31
23 37 13 13-0239	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	310.11	42.81

23 37 13 13-0240 Stainless Steel Devices *(23 37 13 13-0155)*

23 37 13 13-0241 304 Stainless Steel, Louvered Partition/Door Grilles *(23 37 13 13-0240)*

23 37 13 13-0242	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	175.81	16.01
		For 316 Stainless Steel, Add	*29.82*	
23 37 13 13-0243	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	148.60	16.01
		For 316 Stainless Steel, Add	*24.38*	

23 37 13 13-0244 304 Stainless Steel, Single Deflection Supply Grilles *(23 37 13 13-0240)*

23 37 13 13-0245	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	133.53	16.01
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0246	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	113.74	16.01
		For 316 Stainless Steel, Add	*17.41*	

23 37 13 13-0247 304 Stainless Steel, Double Deflection Supply Grilles *(23 37 13 13-0240)*

23 37 13 13-0248	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	194.73	16.01
		For 316 Stainless Steel, Add	*33.61*	
23 37 13 13-0249	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	166.17	16.01
		For 316 Stainless Steel, Add	*27.89*	

23 37 13 13-0250 304 Stainless Steel Return Grilles *(23 37 13 13-0240)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0251	SF	Up To 4 SF, 304 Stainless Steel Return Grille	133.53	16.01
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0252	SF	>4 SF, 304 Stainless Steel Return Grille	113.74	16.01
		For 316 Stainless Steel, Add	*17.41*	
23 37 13 13-0253		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0254	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	133.53	16.01
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0255	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	113.74	16.01
		For 316 Stainless Steel, Add	*17.41*	
23 37 13 13-0256		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0257	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	133.53	16.01
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0258	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	108.30	16.01
		For 316 Stainless Steel, Add	*16.32*	
23 37 13 13-0259		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0260	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	161.35	16.01
		For 316 Stainless Steel, Add	*26.93*	
23 37 13 13-0261	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	111.20	16.01
		For 316 Stainless Steel, Add	*16.90*	
23 37 13 13-0262		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0263	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	240.35	16.01
		For 316 Stainless Steel, Add	*42.73*	
23 37 13 13-0264	SF	>4 SF, 304 Stainless Steel, Door Grille	200.79	16.01
		For 316 Stainless Steel, Add	*34.82*	
23 37 13 13-0265		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0266	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	306.75	16.01
		For 316 Stainless Steel, Add	*56.01*	
23 37 13 13-0267	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	262.85	16.01
		For 316 Stainless Steel, Add	*47.23*	
23 37 13 13-0268		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0269	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	225.89	16.01
		For 316 Stainless Steel, Add	*39.84*	
23 37 13 13-0270	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	156.65	16.01
		For 316 Stainless Steel, Add	*25.99*	
23 37 13 13-0271		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0272	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	122.40	16.01
		For 316 Stainless Steel, Add	*19.14*	
23 37 13 13-0273	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	93.60	16.01
		For 316 Stainless Steel, Add	*13.38*	
23 37 13 13-0274		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0240)*		
		Note: For frequent replacement.		
23 37 13 13-0275	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	95.69	16.01
		For 316 Stainless Steel, Add	*13.80*	
23 37 13 13-0276	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	51.55	16.01
		For 316 Stainless Steel, Add	*4.97*	
23 37 13 13-0277		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0240)*		
23 37 13 13-0278	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	222.55	16.01
		For 316 Stainless Steel, Add	*39.17*	
23 37 13 13-0279	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	174.46	16.01
		For 316 Stainless Steel, Add	*29.55*	
23 37 13 13-0280		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0281	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	79.00	16.01
		For 316 Stainless Steel, Add	*10.46*	
23 37 13 13-0282	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	79.00	16.01
		For 316 Stainless Steel, Add	*10.46*	
23 37 13 13-0283		**Removal And Reinstallation Of Distribution Devices** *(23 37 13 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0284	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	192.08	
23 37 13 13-0285	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	211.85	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0286	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	31.75	
23 37 13 13-0287	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	43.01	

23 37 13 43 Security Registers and Grilles *(23 37 13)*

23 37 13 43-0001 Security Supply Or Return Grille *(23 37 13 43)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

23 37 13 43-0002	EA	8" x 4" Steel Security Grille	250.06	15.40
		For Anchoring Tabs, Add	*21.93*	
		For Angle Iron Frame, Add	*35.97*	
		For Rear Operated Opposed Blade Damper, Add	*79.82*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.82*	
		For Stainless Steel, Add	*285.04*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	277.67	15.91
		For Anchoring Tabs, Add	*24.58*	
		For Angle Iron Frame, Add	*40.06*	
		For Rear Operated Opposed Blade Damper, Add	*89.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*61.46*	
		For Stainless Steel, Add	*319.59*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	318.32	17.97
		For Anchoring Tabs, Add	*28.24*	
		For Angle Iron Frame, Add	*45.95*	
		For Rear Operated Opposed Blade Damper, Add	*102.43*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.60*	
		For Stainless Steel, Add	*367.09*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	277.43	17.45
		For Anchoring Tabs, Add	*24.25*	
		For Angle Iron Frame, Add	*39.87*	
		For Rear Operated Opposed Blade Damper, Add	*88.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*60.63*	
		For Stainless Steel, Add	*315.28*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	296.10	18.48
		For Anchoring Tabs, Add	*25.91*	
		For Angle Iron Frame, Add	*42.57*	
		For Rear Operated Opposed Blade Damper, Add	*94.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.78*	
		For Stainless Steel, Add	*336.87*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	339.03	20.02
		For Anchoring Tabs, Add	*29.90*	
		For Angle Iron Frame, Add	*48.85*	
		For Rear Operated Opposed Blade Damper, Add	*108.65*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*74.75*	
		For Stainless Steel, Add	*388.69*	
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	378.66	21.57
		For Anchoring Tabs, Add	*33.55*	
		For Angle Iron Frame, Add	*54.64*	
		For Rear Operated Opposed Blade Damper, Add	*121.75*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*83.89*	
		For Stainless Steel, Add	*436.20*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	291.49	19.51
		For Anchoring Tabs, Add	*25.25*	
		For Angle Iron Frame, Add	*41.77*	
		For Rear Operated Opposed Blade Damper, Add	*92.27*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*63.12*	
		For Stainless Steel, Add	*328.22*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	325.50	21.57
		For Anchoring Tabs, Add	*28.24*	
		For Angle Iron Frame, Add	*46.67*	
		For Rear Operated Opposed Blade Damper, Add	*103.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.60*	
		For Stainless Steel, Add	*367.09*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	371.77	23.10
		For Anchoring Tabs, Add	*32.56*	
		For Angle Iron Frame, Add	*53.46*	
		For Rear Operated Opposed Blade Damper, Add	*118.57*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*81.39*	
		For Stainless Steel, Add	*423.24*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	404.75	24.64
		For Anchoring Tabs, Add	*35.55*	
		For Angle Iron Frame, Add	*58.25*	
		For Rear Operated Opposed Blade Damper, Add	*129.34*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*88.87*	
		For Stainless Steel, Add	*462.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	447.70	26.18
		For Anchoring Tabs, Add	*39.53*	
		For Angle Iron Frame, Add	*64.54*	
		For Rear Operated Opposed Blade Damper, Add	*143.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*98.84*	
		For Stainless Steel, Add	*513.94*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	311.18	21.05
		For Anchoring Tabs, Add	*26.91*	
		For Angle Iron Frame, Add	*44.57*	
		For Rear Operated Opposed Blade Damper, Add	*98.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.27*	
		For Stainless Steel, Add	*349.82*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	350.82	22.58
		For Anchoring Tabs, Add	*30.56*	
		For Angle Iron Frame, Add	*50.36*	
		For Rear Operated Opposed Blade Damper, Add	*111.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*76.41*	
		For Stainless Steel, Add	*397.33*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	391.46	24.64
		For Anchoring Tabs, Add	*34.22*	
		For Angle Iron Frame, Add	*56.26*	
		For Rear Operated Opposed Blade Damper, Add	*124.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.55*	
		For Stainless Steel, Add	*444.83*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	442.08	26.70
		For Anchoring Tabs, Add	*38.87*	
		For Angle Iron Frame, Add	*63.64*	
		For Rear Operated Opposed Blade Damper, Add	*141.38*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*97.17*	
		For Stainless Steel, Add	*505.30*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	487.08	29.27
		For Anchoring Tabs, Add	*42.86*	
		For Angle Iron Frame, Add	*70.14*	
		For Rear Operated Opposed Blade Damper, Add	*155.85*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*107.14*	
		For Stainless Steel, Add	*557.13*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	524.40	31.31
		For Anchoring Tabs, Add	*46.18*	
		For Angle Iron Frame, Add	*75.53*	
		For Rear Operated Opposed Blade Damper, Add	*167.89*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.45*	
		For Stainless Steel, Add	*600.31*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	374.85	24.64
		For Anchoring Tabs, Add	*32.56*	
		For Angle Iron Frame, Add	*53.76*	
		For Rear Operated Opposed Blade Damper, Add	*118.88*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*81.39*	
		For Stainless Steel, Add	*423.24*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	428.79	26.70
		For Anchoring Tabs, Add	*37.54*	
		For Angle Iron Frame, Add	*61.65*	
		For Rear Operated Opposed Blade Damper, Add	*136.73*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*93.85*	
		For Stainless Steel, Add	*488.02*	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	462.79	28.75
		For Anchoring Tabs, Add	*40.53*	
		For Angle Iron Frame, Add	*66.54*	
		For Rear Operated Opposed Blade Damper, Add	*147.60*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*101.33*	
		For Stainless Steel, Add	*526.89*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	522.36	30.29
		For Anchoring Tabs, Add	*46.18*	
		For Angle Iron Frame, Add	*75.33*	
		For Rear Operated Opposed Blade Damper, Add	*167.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.45*	
		For Stainless Steel, Add	*600.31*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	553.04	32.34
		For Anchoring Tabs, Add	*48.84*	
		For Angle Iron Frame, Add	*79.72*	
		For Rear Operated Opposed Blade Damper, Add	*177.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*122.09*	
		For Stainless Steel, Add	*634.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	600.33	34.40
		For Anchoring Tabs, Add	*53.15*	
		For Angle Iron Frame, Add	*86.61*	
		For Rear Operated Opposed Blade Damper, Add	*192.92*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*132.89*	
		For Stainless Steel, Add	*691.00*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	397.62	27.72
		For Anchoring Tabs, Add	*34.22*	
		For Angle Iron Frame, Add	*56.87*	
		For Rear Operated Opposed Blade Damper, Add	*125.31*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.55*	
		For Stainless Steel, Add	*444.83*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	454.89	29.78
		For Anchoring Tabs, Add	*39.53*	
		For Angle Iron Frame, Add	*65.26*	
		For Rear Operated Opposed Blade Damper, Add	*144.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*98.84*	
		For Stainless Steel, Add	*513.94*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	498.85	31.83
		For Anchoring Tabs, Add	*43.52*	
		For Angle Iron Frame, Add	*71.65*	
		For Rear Operated Opposed Blade Damper, Add	*158.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.80*	
		For Stainless Steel, Add	*565.76*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	549.47	33.88
		For Anchoring Tabs, Add	*48.17*	
		For Angle Iron Frame, Add	*79.03*	
		For Rear Operated Opposed Blade Damper, Add	*175.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*120.43*	
		For Stainless Steel, Add	*626.22*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	588.31	33.37
		For Anchoring Tabs, Add	*52.16*	
		For Angle Iron Frame, Add	*84.91*	
		For Rear Operated Opposed Blade Damper, Add	*189.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*130.40*	
		For Stainless Steel, Add	*678.05*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	644.55	34.91
		For Anchoring Tabs, Add	*57.47*	
		For Angle Iron Frame, Add	*93.19*	
		For Rear Operated Opposed Blade Damper, Add	*208.14*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*143.68*	
		For Stainless Steel, Add	*747.15*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	690.81	36.45
		For Anchoring Tabs, Add	*61.79*	
		For Angle Iron Frame, Add	*99.98*	
		For Rear Operated Opposed Blade Damper, Add	*223.56*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*154.48*	
		For Stainless Steel, Add	*803.30*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	426.02	30.29
		For Anchoring Tabs, Add	*36.54*	
		For Angle Iron Frame, Add	*60.87*	
		For Rear Operated Opposed Blade Damper, Add	*133.96*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.36*	
		For Stainless Steel, Add	*475.07*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	482.00	33.37
		For Anchoring Tabs, Add	*41.53*	
		For Angle Iron Frame, Add	*68.96*	
		For Rear Operated Opposed Blade Damper, Add	*152.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*103.82*	
		For Stainless Steel, Add	*539.85*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	531.60	34.91
		For Anchoring Tabs, Add	*46.18*	
		For Angle Iron Frame, Add	*76.25*	
		For Rear Operated Opposed Blade Damper, Add	*168.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.45*	
		For Stainless Steel, Add	*600.31*	
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	585.53	36.97
		For Anchoring Tabs, Add	*51.16*	
		For Angle Iron Frame, Add	*84.13*	
		For Rear Operated Opposed Blade Damper, Add	*186.46*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*127.90*	
		For Stainless Steel, Add	*665.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	645.09	38.51
		For Anchoring Tabs, Add	*56.81*	
		For Angle Iron Frame, Add	*92.91*	
		For Rear Operated Opposed Blade Damper, Add	*206.53*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*142.02*	
		For Stainless Steel, Add	*738.52*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	698.00	40.04
		For Anchoring Tabs, Add	*61.79*	
		For Angle Iron Frame, Add	*100.70*	
		For Rear Operated Opposed Blade Damper, Add	*224.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*154.48*	
		For Stainless Steel, Add	*803.30*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	747.59	41.58
		For Anchoring Tabs, Add	*66.44*	
		For Angle Iron Frame, Add	*107.98*	
		For Rear Operated Opposed Blade Damper, Add	*240.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*166.11*	
		For Stainless Steel, Add	*863.76*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	807.15	43.12
		For Anchoring Tabs, Add	*72.09*	
		For Angle Iron Frame, Add	*116.76*	
		For Rear Operated Opposed Blade Damper, Add	*260.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*180.23*	
		For Stainless Steel, Add	*937.18*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	473.06	33.88
		For Anchoring Tabs, Add	*40.53*	
		For Angle Iron Frame, Add	*67.57*	
		For Rear Operated Opposed Blade Damper, Add	*148.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*101.33*	
		For Stainless Steel, Add	*526.89*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	535.70	36.97
		For Anchoring Tabs, Add	*46.18*	
		For Angle Iron Frame, Add	*76.66*	
		For Rear Operated Opposed Blade Damper, Add	*169.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.45*	
		For Stainless Steel, Add	*600.31*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	587.58	37.99
		For Anchoring Tabs, Add	*51.16*	
		For Angle Iron Frame, Add	*84.34*	
		For Rear Operated Opposed Blade Damper, Add	*186.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*127.90*	
		For Stainless Steel, Add	*665.09*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	658.91	42.09
		For Anchoring Tabs, Add	*57.47*	
		For Angle Iron Frame, Add	*94.63*	
		For Rear Operated Opposed Blade Damper, Add	*209.57*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*143.68*	
		For Stainless Steel, Add	*747.15*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	711.82	43.64
		For Anchoring Tabs, Add	*62.46*	
		For Angle Iron Frame, Add	*102.41*	
		For Rear Operated Opposed Blade Damper, Add	*227.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*156.14*	
		For Stainless Steel, Add	*811.93*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	778.03	45.18
		For Anchoring Tabs, Add	*68.77*	
		For Angle Iron Frame, Add	*112.19*	
		For Rear Operated Opposed Blade Damper, Add	*249.73*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*171.92*	
		For Stainless Steel, Add	*894.00*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	854.18	46.72
		For Anchoring Tabs, Add	*76.08*	
		For Angle Iron Frame, Add	*123.46*	
		For Rear Operated Opposed Blade Damper, Add	*275.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*190.19*	
		For Stainless Steel, Add	*989.00*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	907.09	48.25
		For Anchoring Tabs, Add	*81.06*	
		For Angle Iron Frame, Add	*131.24*	
		For Rear Operated Opposed Blade Damper, Add	*293.36*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*202.65*	
		For Stainless Steel, Add	*1,053.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	1,019.56	51.34
		For Anchoring Tabs, Add	*91.69*	
		For Angle Iron Frame, Add	*147.80*	
		For Rear Operated Opposed Blade Damper, Add	*331.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*229.23*	
		For Stainless Steel, Add	*1,191.98*	

23 37 23 HVAC Gravity Ventilators *(23 37)*

23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	622.40	59.42
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	662.65	68.02
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	828.08	84.61
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	882.03	90.05
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,029.48	104.80
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	732.08	67.62
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	806.28	76.22
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	930.34	81.95
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,021.11	99.33
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,168.52	106.54
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,315.77	113.09
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	871.05	77.14
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	992.63	87.90
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,114.20	98.66
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,255.94	111.25
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,418.06	125.60
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,053.35	93.32
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,093.89	96.91
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,215.45	107.67
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,377.48	122.01
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,539.51	136.35
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,762.36	156.12
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,046.36	91.99
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,217.54	107.06
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,388.82	122.12
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,579.05	138.81
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,750.24	153.87
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,103.93	102.04
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,248.65	115.45
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,393.48	128.77
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,610.66	148.85
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,773.49	163.91
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,400.14	137.17
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,553.78	152.23
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,775.79	173.95
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,946.52	190.65
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,134.35	209.09
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,675.58	156.12
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,846.25	172.00
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,032.50	189.31
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,218.66	206.73
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,699.57	251.50
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,885.84	268.81
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,946.16	193.72
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,134.91	212.47
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,556.09	254.37
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,846.52	283.26
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,020.87	300.67
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,253.21	323.72
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,659.89	364.18
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,307.53	216.87
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,864.93	269.22
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,266.85	307.02
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,383.46	317.98
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,772.38	354.46
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,148.30	389.80
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,073.72	313.07
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,324.95	338.68
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,576.08	364.29
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,970.76	404.45
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,185.79	409.77
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,557.31	352.91
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,990.26	395.84
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,329.66	429.54
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,610.42	457.41
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,433.45	439.38
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,662.79	468.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,000.79	504.33
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,700.44	506.69
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,496.65	592.53
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,601.69	546.33

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	48,933.67	445.38

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*
Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	11,474.88	835.62
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	11,949.87	887.86
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	13,339.18	940.08
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	13,738.44	992.31
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	14,226.99	1,044.53
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	14,744.10	1,096.76
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	15,233.29	1,148.98
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,737.74	1,201.21
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	16,300.45	1,253.44
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,787.02	1,305.67
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	17,187.28	1,357.89
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	17,869.95	1,410.12
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	20,023.04	1,462.35
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	20,559.26	1,514.57
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	21,293.35	1,566.80
23 38 13 16-0018	EA	15"-6" Long x 60" Deep Dry Filter Exhaust Hood	21,842.17	1,619.03
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	22,669.20	1,671.26

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	16,141.04	835.62
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	16,645.56	887.86
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	18,123.47	940.08
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	18,640.86	992.31
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	19,158.95	1,044.53
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	19,646.52	1,096.76
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	20,165.24	1,148.98
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	20,654.92	1,201.21
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	21,114.28	1,253.44
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	21,778.04	1,305.67
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	22,547.46	1,357.89
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	23,363.02	1,410.12
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	25,087.89	1,462.35
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	25,919.44	1,514.57
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	27,554.27	1,566.80
23 38 13 16-0036	EA	15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	29,210.56	1,619.03
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	30,849.74	1,671.26

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,322.35	835.62
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,856.40	887.86
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,363.84	940.08
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,896.00	992.31
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,458.38	1,044.53
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,975.49	1,096.76
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	21,508.98	1,148.98
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,042.96	1,201.21
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,517.08	1,253.44
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,239.90	1,305.67
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,068.39	1,357.89
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,943.02	1,410.12
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	26,726.95	1,462.35
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	27,617.57	1,514.57
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	29,414.83	1,566.80
23 38 13 16-0054	EA	15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	30,303.27	1,619.03
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	31,189.37	1,671.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	12,467.59	417.81
23 38 13 16-0057		Utility Distribution System (UDS) *(23 38 13 16-0001)* Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA	8' Long UDS	32,623.66	424.92
23 38 13 16-0059	EA	8'-6" Long UDS	33,586.83	435.26
23 38 13 16-0060	EA	9' Long UDS	34,539.52	445.38
23 38 13 16-0061	EA	9'-6" Long UDS	35,500.46	459.59
23 38 13 16-0062	EA	10' Long UDS	36,455.51	470.88
23 38 13 16-0063	EA	10'-6" Long UDS	37,401.55	482.78
23 38 13 16-0064	EA	11' Long UDS	38,360.62	491.03
23 38 13 16-0065	EA	11'-6" Long UDS	39,318.90	503.99
23 38 13 16-0066	EA	12' Long UDS	40,287.99	522.27
23 38 13 16-0067	EA	12'-6" Long UDS	41,270.16	547.12
23 38 13 16-0068	EA	13' Long UDS	42,234.78	563.21
23 38 13 16-0069	EA	13'-6" Long UDS	43,213.21	586.19
23 38 13 16-0070	EA	14' Long UDS	44,182.67	604.68
23 38 13 16-0071	EA	14'-6" Long UDS	45,154.53	624.43
23 38 13 16-0072	EA	15' Long UDS	46,129.08	645.52
23 38 13 16-0073	EA	15'-6" Long UDS	47,106.55	667.98
23 38 13 16-0074	EA	16' Long UDS	48,070.80	683.96
23 38 13 16-0075		Stainless Steel Exhaust Hood Material *(23 38 13 16)* Note: Welded seams.		
23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	39.56	13.69
		For Type 316 Stainless Steel, Add	*1.12*	
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	49.46	18.25
		For Type 316 Stainless Steel, Add	*1.40*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	68.68	24.64
		For Type 316 Stainless Steel, Add	*1.95*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	85.97	30.11
		For Type 316 Stainless Steel, Add	*2.51*	
23 38 13 16-0080		Kitchen Exhaust Hood *(23 38 13 16)*		
23 38 13 16-0081	EA	10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048) Note: Ductwork connections by others.	9,890.13	1,891.66
		For Type 316 Stainless Steel, Add	*610.68*	
23 38 13 16-0082	EA	8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848) Note: Ductwork connections by others.	9,133.47	1,513.33
		For Type 316 Stainless Steel, Add	*610.68*	
23 38 13 16-0083	EA	4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448) Note: Ductwork connections by others.	4,993.03	756.66
		For Type 316 Stainless Steel, Add	*347.97*	
23 38 13 16-0084	EA	6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648) Note: Ductwork connections by others.	6,346.03	1,135.00
		For Type 316 Stainless Steel, Add	*407.60*	
23 38 13 16-0085	EA	5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548) Note: Ductwork connections by others.	5,758.18	945.83
		For Type 316 Stainless Steel, Add	*386.65*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001		Disposable Fiberglass Air Filters *(23 41 13)*		
23 41 13 00-0002	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.99	4.93
23 41 13 00-0003	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.99	4.93
23 41 13 00-0004	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.72	4.93
23 41 13 00-0005	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.58	5.16
23 41 13 00-0006	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.58	5.16
23 41 13 00-0007	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.58	5.16
23 41 13 00-0008	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.58	5.16
23 41 13 00-0009	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.80	5.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0010	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.25	5.39
23 41 13 00-0011	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.22	5.39
23 41 13 00-0012	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.59	5.39
23 41 13 00-0013	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.59	5.39
23 41 13 00-0014	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.59	5.39
23 41 13 00-0015	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.06	5.39
23 41 13 00-0016	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.88	5.39
23 41 13 00-0017	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.21	5.69
23 41 13 00-0018	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.57	5.69
23 41 13 00-0019	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.30	5.69
23 41 13 00-0020	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.21	5.69
23 41 13 00-0021	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.30	5.69
23 41 13 00-0022	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.06	5.69
23 41 13 00-0023	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.42	5.86
23 41 13 00-0024	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.42	5.86
23 41 13 00-0025	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.54	5.86
23 41 13 00-0026	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.55	5.93
23 41 13 00-0027	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.08	5.93
23 41 13 00-0028	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.60	5.93
23 41 13 00-0029	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.51	5.93
23 41 13 00-0030	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.01	5.93
23 41 13 00-0031	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.66	5.93
23 41 13 00-0032	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.08	5.93
23 41 13 00-0033	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.81	5.93
23 41 13 00-0034	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.82	6.16
23 41 13 00-0035	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.46	6.16
23 41 13 00-0036	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.82	6.16
23 41 13 00-0037	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.01	6.16
23 41 13 00-0038	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.74	6.16
23 41 13 00-0039	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.74	6.16
23 41 13 00-0040	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.50	6.47
23 41 13 00-0041	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.73	6.47
23 41 13 00-0042	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.85	6.47
23 41 13 00-0043	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.12	6.47
23 41 13 00-0044	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.60	6.47
23 41 13 00-0045	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.81	6.47
23 41 13 00-0046	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.60	6.47
23 41 13 00-0047	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.74	6.55
23 41 13 00-0048	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.92	6.62
23 41 13 00-0049	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.02	6.70
23 41 13 00-0050	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.62	6.70
23 41 13 00-0051	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	22.78	6.70

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0052	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.13	6.77
23 41 13 00-0053	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.26	6.77
23 41 13 00-0054	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.44	5.16
23 41 13 00-0055	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.42	5.16
23 41 13 00-0056	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.63	5.39
23 41 13 00-0057	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.04	5.69
23 41 13 00-0058	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.04	5.69
23 41 13 00-0059	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.35	5.86
23 41 13 00-0060	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.23	5.93
23 41 13 00-0061	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.07	5.93
23 41 13 00-0062	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.45	5.93
23 41 13 00-0063	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.42	6.16
23 41 13 00-0064	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.94	6.47
23 41 13 00-0065	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.68	6.47
23 41 13 00-0066	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.68	6.47
23 41 13 00-0067	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.25	6.70
23 41 13 00-0068	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.36	6.77
23 41 13 00-0069		Disposable Pleated Air Filters *(23 41 13)*		
23 41 13 00-0070	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	12.62	5.16
23 41 13 00-0071	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	19.39	5.16
23 41 13 00-0072	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.74	5.16
23 41 13 00-0073	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	16.58	5.39
23 41 13 00-0074	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.32	5.39
23 41 13 00-0075	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	15.12	5.39
23 41 13 00-0076	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	15.12	5.39
23 41 13 00-0077	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	25.05	5.39
23 41 13 00-0078	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	18.87	5.69
23 41 13 00-0079	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.73	5.69
23 41 13 00-0080	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	20.47	5.69
23 41 13 00-0081	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	16.31	5.69
23 41 13 00-0082	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.03	5.69
23 41 13 00-0083	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	16.05	5.86
23 41 13 00-0084	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	19.17	5.93
23 41 13 00-0085	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.76	5.93
23 41 13 00-0086	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	18.63	5.93
23 41 13 00-0087	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	16.41	5.93
23 41 13 00-0088	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.33	5.93
23 41 13 00-0089	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	26.07	6.16
23 41 13 00-0090	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.90	6.16
23 41 13 00-0091	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	18.54	6.16
23 41 13 00-0092	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	18.29	6.16
23 41 13 00-0093	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	26.24	6.16
23 41 13 00-0094	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	17.24	6.47
23 41 13 00-0095	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	18.54	6.47
23 41 13 00-0096	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	18.32	6.47
23 41 13 00-0097	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	20.92	6.47
23 41 13 00-0098	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	25.73	6.62
23 41 13 00-0099	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	19.79	6.70
23 41 13 00-0100	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	32.08	6.70
23 41 13 00-0101	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.03	6.77
23 41 13 00-0102	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	15.14	5.16
23 41 13 00-0103	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	20.10	5.39
23 41 13 00-0104	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	15.87	5.39
23 41 13 00-0105	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	15.61	5.39
23 41 13 00-0106	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	16.50	5.69
23 41 13 00-0107	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	17.29	5.69
23 41 13 00-0108	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	16.70	5.86
23 41 13 00-0109	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	21.36	5.93
23 41 13 00-0110	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	16.32	5.93
23 41 13 00-0111	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.82	5.93
23 41 13 00-0112	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	17.33	5.93
23 41 13 00-0113	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	24.83	6.16
23 41 13 00-0114	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	20.96	6.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0115	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.90	6.16
23 41 13 00-0116	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	19.69	6.16
23 41 13 00-0117	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.25	6.47
23 41 13 00-0118	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	19.69	6.47
23 41 13 00-0119	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	19.44	6.47
23 41 13 00-0120	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	28.77	6.47
23 41 13 00-0121	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	20.89	6.70
23 41 13 00-0122	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	23.25	6.77
23 41 13 00-0123	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	24.65	5.39
23 41 13 00-0124	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	26.61	5.93
23 41 13 00-0125	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	28.55	5.93
23 41 13 00-0126	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	30.86	6.16
23 41 13 00-0127	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	29.18	6.47
23 41 13 00-0128	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	31.90	6.47
23 41 13 00-0129	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	32.15	6.47
23 41 13 00-0130	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	35.18	6.70
23 41 13 00-0131	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	22.36	5.16
23 41 13 00-0132	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	22.36	5.16
23 41 13 00-0133	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	29.38	5.16
23 41 13 00-0134	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	23.72	5.39
23 41 13 00-0135	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	23.09	5.39
23 41 13 00-0136	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	22.99	5.39
23 41 13 00-0137	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	33.45	5.39
23 41 13 00-0138	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	27.06	5.69
23 41 13 00-0139	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	23.66	5.69
23 41 13 00-0140	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	30.97	5.69
23 41 13 00-0141	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	30.26	5.69
23 41 13 00-0142	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	35.78	5.69
23 41 13 00-0143	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	22.61	5.86
23 41 13 00-0144	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	32.62	5.93
23 41 13 00-0145	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	21.00	5.93
23 41 13 00-0146	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	27.52	5.93
23 41 13 00-0147	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	25.17	5.93
23 41 13 00-0148	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	33.71	5.93
23 41 13 00-0149	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	34.47	6.16
23 41 13 00-0150	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	29.02	6.16
23 41 13 00-0151	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.01	6.16
23 41 13 00-0152	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	27.83	6.16
23 41 13 00-0153	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	39.16	6.16
23 41 13 00-0154	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.07	6.47
23 41 13 00-0155	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	28.76	6.47
23 41 13 00-0156	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	29.05	6.47
23 41 13 00-0157	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	34.06	6.47
23 41 13 00-0158	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	37.83	6.62
23 41 13 00-0159	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	31.59	6.70
23 41 13 00-0160	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	41.43	6.70
23 41 13 00-0161	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	35.75	6.77
23 41 13 00-0162	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	22.78	5.16
23 41 13 00-0163	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	24.00	5.39
23 41 13 00-0164	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	22.75	5.39
23 41 13 00-0165	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	26.94	5.39
23 41 13 00-0166	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	23.95	5.69
23 41 13 00-0167	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	25.15	5.69
23 41 13 00-0168	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	24.59	5.86
23 41 13 00-0169	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	33.33	5.93
23 41 13 00-0170	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.84	5.93
23 41 13 00-0171	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	28.08	5.93
23 41 13 00-0172	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	31.98	5.93
23 41 13 00-0173	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	38.57	6.16
23 41 13 00-0174	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	30.29	6.16
23 41 13 00-0175	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	34.77	6.16
23 41 13 00-0176	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	29.94	6.16
23 41 13 00-0177	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	33.29	6.47
23 41 13 00-0178	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	35.78	6.47
23 41 13 00-0179	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	36.15	6.47
23 41 13 00-0180	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	36.08	6.70
23 41 13 00-0181	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	36.56	6.77
23 41 13 00-0182	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	44.56	5.39
23 41 13 00-0183	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	45.54	5.93
23 41 13 00-0184	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	54.49	5.93
23 41 13 00-0185	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	54.36	6.16
23 41 13 00-0186	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	54.09	6.47
23 41 13 00-0187	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	59.71	6.47
23 41 13 00-0188	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	59.71	6.47
23 41 13 00-0189	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	66.74	6.70
23 41 13 00-0190	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.89	4.93
23 41 13 00-0191	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.89	4.93
23 41 13 00-0192	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.89	4.93
23 41 13 00-0193	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.20	5.16
23 41 13 00-0194	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.89	5.16
23 41 13 00-0195	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.20	5.16

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0196	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.20	5.16
23 41 13 00-0197	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.20	5.16
23 41 13 00-0198	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.20	5.39
23 41 13 00-0199	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.51	5.39
23 41 13 00-0200	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.20	5.39
23 41 13 00-0201	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.20	5.39
23 41 13 00-0202	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.51	5.39
23 41 13 00-0203	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.51	5.39
23 41 13 00-0204	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.82	5.39
23 41 13 00-0205	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.61	5.69
23 41 13 00-0206	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.92	5.69
23 41 13 00-0207	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.61	5.69
23 41 13 00-0208	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.61	5.69
23 41 13 00-0209	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.61	5.69
23 41 13 00-0210	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.92	5.69
23 41 13 00-0211	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.81	5.86
23 41 13 00-0212	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.12	5.86
23 41 13 00-0213	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.12	5.86
23 41 13 00-0214	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.91	5.93
23 41 13 00-0215	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.22	5.93
23 41 13 00-0216	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.91	5.93
23 41 13 00-0217	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.91	5.93
23 41 13 00-0218	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.91	5.93
23 41 13 00-0219	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.22	5.93
23 41 13 00-0220	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.22	5.93
23 41 13 00-0221	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.49	5.93
23 41 13 00-0222	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.22	6.16
23 41 13 00-0223	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.84	6.16
23 41 13 00-0224	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.22	6.16
23 41 13 00-0225	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.84	6.16
23 41 13 00-0226	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.84	6.16
23 41 13 00-0227	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.80	6.16
23 41 13 00-0228	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.26	6.47
23 41 13 00-0229	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.64	6.47
23 41 13 00-0230	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.64	6.47
23 41 13 00-0231	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.64	6.47
23 41 13 00-0232	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.95	6.47
23 41 13 00-0233	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.22	6.47
23 41 13 00-0234	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.22	6.47
23 41 13 00-0235	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.36	6.55
23 41 13 00-0236	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.15	6.62
23 41 13 00-0237	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.88	6.70
23 41 13 00-0238	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.88	6.70
23 41 13 00-0239	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.14	6.70
23 41 13 00-0240	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.99	6.77
23 41 13 00-0241	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.25	6.77
23 41 13 00-0242	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.45	6.93

23 41 13 00-0243 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0244	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	68.34	
23 41 13 00-0245	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	66.00	
23 41 13 00-0246	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.85	

23 41 13 00-0247 Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*

23 41 13 00-0248	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	868.93	15.40

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	117.60	

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	44.90	

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters *(23 41 33)*

Note: Includes particle board and kraft paper frame and separator material.

23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	117.81	14.37
		For Removal And Replacement In Existing Equipment, Add	*2.88*	
		For >10 To 25, Deduct	*-2.95*	
		For >25 To 50, Deduct	*-5.89*	
		For >50 To 100, Deduct	*-8.84*	
		For >100, Deduct	*-11.78*	
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	157.16	16.43
		For Removal And Replacement In Existing Equipment, Add	*3.29*	
		For >10 To 25, Deduct	*-3.93*	
		For >25 To 50, Deduct	*-7.86*	
		For >50 To 100, Deduct	*-11.79*	
		For >100, Deduct	*-15.72*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	184.00	19.00
		For Removal And Replacement In Existing Equipment, Add	*3.80*	
		For >10 To 25, Deduct	*-4.60*	
		For >25 To 50, Deduct	*-9.20*	
		For >50 To 100, Deduct	*-13.80*	
		For >100, Deduct	*-18.40*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	210.84	21.57
		For Removal And Replacement In Existing Equipment, Add	*4.31*	
		For >10 To 25, Deduct	*-5.27*	
		For >25 To 50, Deduct	*-10.54*	
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-21.08*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	143.95	15.40
		For Removal And Replacement In Existing Equipment, Add	*3.08*	
		For >10 To 25, Deduct	*-3.60*	
		For >25 To 50, Deduct	*-7.20*	
		For >50 To 100, Deduct	*-10.80*	
		For >100, Deduct	*-14.40*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	193.87	17.97
		For Removal And Replacement In Existing Equipment, Add	*3.59*	
		For >10 To 25, Deduct	*-4.85*	
		For >25 To 50, Deduct	*-9.69*	
		For >50 To 100, Deduct	*-14.54*	
		For >100, Deduct	*-19.39*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	231.91	20.54
		For Removal And Replacement In Existing Equipment, Add	*4.11*	
		For >10 To 25, Deduct	*-5.80*	
		For >25 To 50, Deduct	*-11.60*	
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-23.19*	
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	275.10	25.67
		For Removal And Replacement In Existing Equipment, Add	*5.13*	
		For >10 To 25, Deduct	*-6.88*	
		For >25 To 50, Deduct	*-13.76*	
		For >50 To 100, Deduct	*-20.63*	
		For >100, Deduct	*-27.51*	
23 41 33 00-0011		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	100.83	12.84
		For Removal And Replacement In Existing Equipment, Add	*2.57*	
		For >10 To 25, Deduct	*-2.52*	
		For >25 To 50, Deduct	*-5.04*	
		For >50 To 100, Deduct	*-7.56*	
		For >100, Deduct	*-10.08*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	140.02	15.40
		For Removal And Replacement In Existing Equipment, Add	*3.08*	
		For >10 To 25, Deduct	*-3.50*	
		For >25 To 50, Deduct	*-7.00*	
		For >50 To 100, Deduct	*-10.50*	
		For >100, Deduct	*-14.00*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	215.39	17.97
		For Removal And Replacement In Existing Equipment, Add	*3.59*	
		For >10 To 25, Deduct	*-5.38*	
		For >25 To 50, Deduct	*-10.77*	
		For >50 To 100, Deduct	*-16.15*	
		For >100, Deduct	*-21.54*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	277.44	20.54
		For Removal And Replacement In Existing Equipment, Add	*4.11*	
		For >10 To 25, Deduct	*-6.94*	
		For >25 To 50, Deduct	*-13.87*	
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-27.74*	
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	95.63	10.27
		For Removal And Replacement In Existing Equipment, Add	*2.05*	
		For >10 To 25, Deduct	*-2.39*	
		For >25 To 50, Deduct	*-4.78*	
		For >50 To 100, Deduct	*-7.17*	
		For >100, Deduct	*-9.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	126.68	13.86
		For Removal And Replacement In Existing Equipment, Add	*2.77*	
		For >10 To 25, Deduct	*-3.17*	
		For >25 To 50, Deduct	*-6.33*	
		For >50 To 100, Deduct	*-9.50*	
		For >100, Deduct	*-12.67*	
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	170.98	16.43
		For Removal And Replacement In Existing Equipment, Add	*3.29*	
		For >10 To 25, Deduct	*-4.27*	
		For >25 To 50, Deduct	*-8.55*	
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-17.10*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	200.74	19.25
		For Removal And Replacement In Existing Equipment, Add	*3.85*	
		For >10 To 25, Deduct	*-5.02*	
		For >25 To 50, Deduct	*-10.04*	
		For >50 To 100, Deduct	*-15.06*	
		For >100, Deduct	*-20.07*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	229.47	21.57
		For Removal And Replacement In Existing Equipment, Add	*4.31*	
		For >10 To 25, Deduct	*-5.74*	
		For >25 To 50, Deduct	*-11.47*	
		For >50 To 100, Deduct	*-17.21*	
		For >100, Deduct	*-22.95*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	156.52	15.40
		For Removal And Replacement In Existing Equipment, Add	*3.08*	
		For >10 To 25, Deduct	*-3.91*	
		For >25 To 50, Deduct	*-7.83*	
		For >50 To 100, Deduct	*-11.74*	
		For >100, Deduct	*-15.65*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	211.42	17.97
		For Removal And Replacement In Existing Equipment, Add	*3.59*	
		For >10 To 25, Deduct	*-5.29*	
		For >25 To 50, Deduct	*-10.57*	
		For >50 To 100, Deduct	*-15.86*	
		For >100, Deduct	*-21.14*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	253.12	20.54
		For Removal And Replacement In Existing Equipment, Add	*4.11*	
		For >10 To 25, Deduct	*-6.33*	
		For >25 To 50, Deduct	*-12.66*	
		For >50 To 100, Deduct	*-18.98*	
		For >100, Deduct	*-25.31*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	311.79	25.67
		For Removal And Replacement In Existing Equipment, Add	*5.13*	
		For >10 To 25, Deduct	*-7.79*	
		For >25 To 50, Deduct	*-15.59*	
		For >50 To 100, Deduct	*-23.38*	
		For >100, Deduct	*-31.18*	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	280.14	76.61
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	520.19	152.27
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	528.78	152.27
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	534.50	152.27
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	574.57	152.27
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	624.66	152.27
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,006.04	305.51
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,127.69	305.51
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,282.25	305.51
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	304.47	76.61
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	561.69	152.27
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	571.71	152.27
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	578.86	152.27
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	626.09	152.27
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	689.06	152.27
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,106.22	305.51
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,257.92	305.51
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,449.69	305.51

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	241.30	99.31
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	281.35	99.31

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	236.71	99.31
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	266.25	99.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 42 Gas-Phase Air Filtration *(23 40)*				
23 42 13 Activated-Carbon Air Filtration *(23 42)*				
23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	42.49	7.70
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	42.99	7.70
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	43.29	7.70
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	43.29	7.70
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.05	7.70
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	53.22	7.70
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	53.84	8.73
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	54.26	8.73
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	54.62	8.73
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	54.62	8.73
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	58.77	8.73
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	70.33	8.73
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	25.32	7.70
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	27.10	7.70
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	27.17	7.70
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	29.51	7.70
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	31.58	7.70
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	29.34	8.73
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	32.45	8.73
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	33.11	8.73
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	36.97	8.73
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	39.43	8.73
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	65.82	9.24
23 43 Electronic Air Cleaners *(23 40)*				
23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*				
23 43 23 00-0001		Stationary Floor, Room Air Purifier *(23 43 23)*		
23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,046.27	
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,456.52	
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	3,683.63	
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	825.03	
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,484.37	
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	5,879.97	
23 43 23 00-0008		Surface Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,693.68	
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	3,753.68	
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,293.68	
23 43 23 00-0012		Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,481.27	
23 43 23 00-0014		Wall Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0015	EA	Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400)	867.07	
23 50 Central Heating Equipment *(23)*				
Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.				
23 51 Breechings, Chimneys, and Stacks *(23 50)*				
23 51 13 Draft Control Devices *(23 51)*				
23 51 13 13 Draft-Induction Fans *(23 51 13)*				
23 51 13 13-0001		Vertical Discharge Fans *(23 51 13 13)*		
		Note: Includes chimney adapter. Excludes wiring.		
23 51 13 13-0002		Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	2,721.21	208.08
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	3,084.42	227.00
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	3,701.13	250.65
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	4,834.72	290.84
23 51 13 13-0007		Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	3,269.80	227.00
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	3,985.97	250.65
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,173.94	293.21
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	6,126.20	328.67

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0012		Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*			
23 51 13 13-0013	EA	Modulating Fan Controller And Sensor		385.94	70.93
23 51 13 16		**Vent Dampers** *(23 51 13)*			
23 51 13 16-0001		Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*			
23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper		844.41	42.00
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper		926.59	44.55
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper		1,023.90	47.29
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper		1,093.96	50.43
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper		1,194.89	54.03
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper		1,268.97	58.16
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper		1,403.58	63.07
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper		1,541.46	68.78
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper		1,727.89	72.12
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper		1,857.09	75.66
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper		2,030.52	79.45
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper		2,388.44	125.80
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper		2,621.20	133.60
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper		2,841.63	141.88
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper		2,889.02	146.61
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper		2,979.97	151.34
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper		3,061.03	160.79
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper		3,195.28	165.42
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper		3,333.46	174.87
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper		3,491.15	189.17
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper		3,669.06	195.66
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper		3,834.35	198.63
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper		4,022.80	208.08
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper		4,212.36	217.54
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper		4,402.45	227.00
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper		4,591.73	236.46
23 51 13 19		**Barometric Dampers** *(23 51 13)*			
23 51 13 19-0001		Barometric Dampers *(23 51 13 19)*			
23 51 13 19-0002	EA	6" x 6" Barometric Damper		392.75	8.20
23 51 13 19-0003	EA	12" x 12" Barometric Damper		568.34	11.27
23 51 13 19-0004	EA	18" x 18" Barometric Damper		761.09	17.41
23 51 13 19-0005	EA	24" x 24" Barometric Damper		908.17	32.79
23 51 13 19-0006	EA	6" Diameter Barometric Damper		192.01	8.20
		For Stainless Steel, Add		*208.27*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper		227.21	9.22
		For Stainless Steel, Add		*247.43*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper		263.62	10.24
		For Stainless Steel, Add		*286.95*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper		324.68	10.24
		For Stainless Steel, Add		*363.49*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper		428.22	12.29
		For Stainless Steel, Add		*495.22*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper		543.99	13.32
		For Stainless Steel, Add		*638.69*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper		684.22	14.35
		For Stainless Steel, Add		*814.57*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper		816.70	15.36
		For Stainless Steel, Add		*979.06*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper		947.65	17.41
		For Stainless Steel, Add		*1,143.17*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper		1,248.62	18.44
		For Stainless Steel, Add		*1,527.32*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper		1,486.44	20.49
		For Stainless Steel, Add		*1,828.15*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper		1,792.71	20.49
		For Stainless Steel, Add		*2,221.56*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper		2,210.51	23.56
		For Stainless Steel, Add		*2,753.80*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper		2,820.59	24.59
		For Stainless Steel, Add		*3,540.60*	
23 51 16		**Fabricated Breechings and Accessories** *(23 51)*			
23 51 16 00-0001		Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*			
23 51 16 00-0002		Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	26.76	8.42
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.32*	
		For 304 Stainless Steel Liner, Add	*0.43*	
		For 2" Wall Instead Of 1", Add	*3.83*	
		For 3" To 4" Wall Instead Of 1", Add	*6.79*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	28.75	8.90
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.39*	
		For 304 Stainless Steel Liner, Add	*0.53*	
		For 2" Wall Instead Of 1", Add	*4.29*	
		For 3" To 4" Wall Instead Of 1", Add	*7.52*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	31.77	9.46
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.46*	
		For 304 Stainless Steel Liner, Add	*0.63*	
		For 2" Wall Instead Of 1", Add	*4.85*	
		For 3" To 4" Wall Instead Of 1", Add	*8.45*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	34.66	10.12
		Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.53*	
		For 304 Stainless Steel Liner, Add	*0.73*	
		For 2" Wall Instead Of 1", Add	*5.41*	
		For 3" To 4" Wall Instead Of 1", Add	*9.36*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	40.76	10.78
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.79*	
		For 304 Stainless Steel Liner, Add	*1.07*	
		For 2" Wall Instead Of 1", Add	*6.94*	
		For 3" To 4" Wall Instead Of 1", Add	*11.73*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	45.31	11.63
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*0.88*	
		For 304 Stainless Steel Liner, Add	*1.20*	
		For 2" Wall Instead Of 1", Add	*7.72*	
		For 3" To 4" Wall Instead Of 1", Add	*13.05*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	65.42	12.49
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*1.85*	
		For 304 Stainless Steel Liner, Add	*2.53*	
		For 2" Wall Instead Of 1", Add	*13.28*	
		For 3" To 4" Wall Instead Of 1", Add	*21.50*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	79.61	13.81
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*2.48*	
		For 304 Stainless Steel Liner, Add	*3.39*	
		For 2" Wall Instead Of 1", Add	*17.00*	
		For 3" To 4" Wall Instead Of 1", Add	*27.22*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	111.91	14.37
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*4.17*	
		For 304 Stainless Steel Liner, Add	*5.69*	
		For 2" Wall Instead Of 1", Add	*26.37*	
		For 3" To 4" Wall Instead Of 1", Add	*41.35*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	139.96	15.13
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*5.63*	
		For 304 Stainless Steel Liner, Add	*7.67*	
		For 2" Wall Instead Of 1", Add	*34.46*	
		For 3" To 4" Wall Instead Of 1", Add	*53.57*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	172.28	15.89
		Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*7.27*	
		For 304 Stainless Steel Liner, Add	*9.91*	
		For 2" Wall Instead Of 1", Add	*43.66*	
		For 3" To 4" Wall Instead Of 1", Add	*67.49*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	219.17	25.25
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*8.63*	
		For 304 Stainless Steel Liner, Add	*11.76*	
		For 2" Wall Instead Of 1", Add	*53.29*	
		For 3" To 4" Wall Instead Of 1", Add	*83.05*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	265.09	26.68
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*10.88*	
		For 304 Stainless Steel Liner, Add	*14.83*	
		For 2" Wall Instead Of 1", Add	*66.07*	
		For 3" To 4" Wall Instead Of 1", Add	*102.46*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	315.33	28.37
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*13.41*	
		For 304 Stainless Steel Liner, Add	*18.29*	
		For 2" Wall Instead Of 1", Add	*80.30*	
		For 3" To 4" Wall Instead Of 1", Add	*124.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	366.46	29.32
		For Aluminum Liner, Add	*16.13*	
		For 304 Stainless Steel Liner, Add	*21.99*	
		For 2" Wall Instead Of 1", Add	*95.30*	
		For 3" To 4" Wall Instead Of 1", Add	*146.61*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	384.25	30.27
		For Aluminum Liner, Add	*16.97*	
		For 304 Stainless Steel Liner, Add	*23.15*	
		For 2" Wall Instead Of 1", Add	*100.15*	
		For 3" To 4" Wall Instead Of 1", Add	*154.00*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	408.34	32.45
		For Aluminum Liner, Add	*18.00*	
		For 304 Stainless Steel Liner, Add	*24.55*	
		For 2" Wall Instead Of 1", Add	*106.31*	
		For 3" To 4" Wall Instead Of 1", Add	*163.51*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	462.51	33.68
		For Aluminum Liner, Add	*20.82*	
		For 304 Stainless Steel Liner, Add	*28.39*	
		For 2" Wall Instead Of 1", Add	*121.95*	
		For 3" To 4" Wall Instead Of 1", Add	*187.13*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	518.59	34.90
		For Aluminum Liner, Add	*23.73*	
		For 304 Stainless Steel Liner, Add	*32.35*	
		For 2" Wall Instead Of 1", Add	*138.13*	
		For 3" To 4" Wall Instead Of 1", Add	*211.56*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	545.94	36.32
		For Aluminum Liner, Add	*25.04*	
		For 304 Stainless Steel Liner, Add	*34.14*	
		For 2" Wall Instead Of 1", Add	*145.64*	
		For 3" To 4" Wall Instead Of 1", Add	*223.00*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	592.33	37.83
		For Aluminum Liner, Add	*27.38*	
		For 304 Stainless Steel Liner, Add	*37.34*	
		For 2" Wall Instead Of 1", Add	*158.81*	
		For 3" To 4" Wall Instead Of 1", Add	*242.93*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	652.78	39.45
		For Aluminum Liner, Add	*30.48*	
		For 304 Stainless Steel Liner, Add	*41.56*	
		For 2" Wall Instead Of 1", Add	*176.10*	
		For 3" To 4" Wall Instead Of 1", Add	*269.09*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	682.91	41.24
		For Aluminum Liner, Add	*31.88*	
		For 304 Stainless Steel Liner, Add	*43.48*	
		For 2" Wall Instead Of 1", Add	*184.23*	
		For 3" To 4" Wall Instead Of 1", Add	*281.51*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	756.03	43.23
		For Aluminum Liner, Add	*35.64*	
		For 304 Stainless Steel Liner, Add	*48.59*	
		For 2" Wall Instead Of 1", Add	*205.19*	
		For 3" To 4" Wall Instead Of 1", Add	*313.18*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	821.09	45.40
		For Aluminum Liner, Add	*38.92*	
		For 304 Stainless Steel Liner, Add	*53.07*	
		For 2" Wall Instead Of 1", Add	*223.63*	
		For 3" To 4" Wall Instead Of 1", Add	*341.11*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	903.55	47.77
		For Aluminum Liner, Add	*43.14*	
		For 304 Stainless Steel Liner, Add	*58.82*	
		For 2" Wall Instead Of 1", Add	*247.22*	
		For 3" To 4" Wall Instead Of 1", Add	*376.79*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	68.11	16.83
		For Aluminum Liner, Add	*1.45*	
		For 304 Stainless Steel Liner, Add	*1.98*	
		For 2" Wall Instead Of 1", Add	*12.09*	
		For 3" To 4" Wall Instead Of 1", Add	*20.22*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	75.53	17.78
		For Aluminum Liner, Add	*1.71*	
		For 304 Stainless Steel Liner, Add	*2.34*	
		For 2" Wall Instead Of 1", Add	*13.79*	
		For 3" To 4" Wall Instead Of 1", Add	*22.90*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	84.30	18.92
		For Aluminum Liner, Add	*2.05*	
		For 304 Stainless Steel Liner, Add	*2.79*	
		For 2" Wall Instead Of 1", Add	*15.88*	
		For 3" To 4" Wall Instead Of 1", Add	*26.17*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	93.30	20.15
		For Aluminum Liner, Add	*2.38*	
		For 304 Stainless Steel Liner, Add	*3.24*	
		For 2" Wall Instead Of 1", Add	*17.98*	
		For 3" To 4" Wall Instead Of 1", Add	*29.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	111.47	21.56
		For Aluminum Liner, Add	*3.18*	
		For 304 Stainless Steel Liner, Add	*4.34*	
		For 2" Wall Instead Of 1", Add	*22.72*	
		For 3" To 4" Wall Instead Of 1", Add	*36.76*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	130.62	23.27
		For Aluminum Liner, Add	*3.99*	
		For 304 Stainless Steel Liner, Add	*5.43*	
		For 2" Wall Instead Of 1", Add	*27.55*	
		For 3" To 4" Wall Instead Of 1", Add	*44.24*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	229.90	25.25
		For Aluminum Liner, Add	*9.17*	
		For 304 Stainless Steel Liner, Add	*12.50*	
		For 2" Wall Instead Of 1", Add	*56.32*	
		For 3" To 4" Wall Instead Of 1", Add	*87.65*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	278.89	27.52
		For Aluminum Liner, Add	*11.56*	
		For 304 Stainless Steel Liner, Add	*15.76*	
		For 2" Wall Instead Of 1", Add	*69.92*	
		For 3" To 4" Wall Instead Of 1", Add	*108.31*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	362.65	28.85
		For Aluminum Liner, Add	*15.98*	
		For 304 Stainless Steel Liner, Add	*21.79*	
		For 2" Wall Instead Of 1", Add	*94.38*	
		For 3" To 4" Wall Instead Of 1", Add	*145.18*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	446.53	30.27
		For Aluminum Liner, Add	*20.41*	
		For 304 Stainless Steel Liner, Add	*27.83*	
		For 2" Wall Instead Of 1", Add	*118.86*	
		For 3" To 4" Wall Instead Of 1", Add	*182.06*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	578.28	31.87
		For Aluminum Liner, Add	*27.42*	
		For 304 Stainless Steel Liner, Add	*37.39*	
		For 2" Wall Instead Of 1", Add	*157.54*	
		For 3" To 4" Wall Instead Of 1", Add	*240.29*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	814.58	50.41
		For Aluminum Liner, Add	*37.86*	
		For 304 Stainless Steel Liner, Add	*51.63*	
		For 2" Wall Instead Of 1", Add	*219.14*	
		For 3" To 4" Wall Instead Of 1", Add	*335.02*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,075.62	53.44
		For Aluminum Liner, Add	*51.81*	
		For 304 Stainless Steel Liner, Add	*70.65*	
		For 2" Wall Instead Of 1", Add	*295.97*	
		For 3" To 4" Wall Instead Of 1", Add	*450.63*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,214.47	56.75
		For Aluminum Liner, Add	*58.98*	
		For 304 Stainless Steel Liner, Add	*80.43*	
		For 2" Wall Instead Of 1", Add	*335.94*	
		For 3" To 4" Wall Instead Of 1", Add	*511.01*	
23 51 16 00-0044		45 Degree Elbows *(23 51 16 00-0001)*		
23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	57.22	16.83
		For Aluminum Liner, Add	*0.84*	
		For 304 Stainless Steel Liner, Add	*1.14*	
		For 2" Wall Instead Of 1", Add	*8.77*	
		For 3" To 4" Wall Instead Of 1", Add	*15.25*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	62.48	17.78
		For Aluminum Liner, Add	*0.99*	
		For 304 Stainless Steel Liner, Add	*1.34*	
		For 2" Wall Instead Of 1", Add	*9.83*	
		For 3" To 4" Wall Instead Of 1", Add	*16.98*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	68.40	18.92
		For Aluminum Liner, Add	*1.16*	
		For 304 Stainless Steel Liner, Add	*1.58*	
		For 2" Wall Instead Of 1", Add	*11.06*	
		For 3" To 4" Wall Instead Of 1", Add	*18.96*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	75.70	20.15
		For Aluminum Liner, Add	*1.39*	
		For 304 Stainless Steel Liner, Add	*1.90*	
		For 2" Wall Instead Of 1", Add	*12.62*	
		For 3" To 4" Wall Instead Of 1", Add	*21.46*	
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	90.25	21.56
		For Aluminum Liner, Add	*1.99*	
		For 304 Stainless Steel Liner, Add	*2.72*	
		For 2" Wall Instead Of 1", Add	*16.27*	
		For 3" To 4" Wall Instead Of 1", Add	*27.11*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	99.83	23.27
		For Aluminum Liner, Add	*2.29*	
		For 304 Stainless Steel Liner, Add	*3.13*	
		For 2" Wall Instead Of 1", Add	*18.32*	
		For 3" To 4" Wall Instead Of 1", Add	*30.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	167.25	25.25
		For Aluminum Liner, Add	*5.73*	
		For 304 Stainless Steel Liner, Add	*7.81*	
		For 2" Wall Instead Of 1", Add	*37.56*	
		For 3" To 4" Wall Instead Of 1", Add	*59.49*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	200.11	27.52
		For Aluminum Liner, Add	*7.22*	
		For 304 Stainless Steel Liner, Add	*9.85*	
		For 2" Wall Instead Of 1", Add	*46.28*	
		For 3" To 4" Wall Instead Of 1", Add	*72.86*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	256.87	28.85
		For Aluminum Liner, Add	*10.16*	
		For 304 Stainless Steel Liner, Add	*13.86*	
		For 2" Wall Instead Of 1", Add	*62.64*	
		For 3" To 4" Wall Instead Of 1", Add	*97.57*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	307.52	30.27
		For Aluminum Liner, Add	*12.75*	
		For 304 Stainless Steel Liner, Add	*17.39*	
		For 2" Wall Instead Of 1", Add	*77.13*	
		For 3" To 4" Wall Instead Of 1", Add	*119.47*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	391.24	31.87
		For Aluminum Liner, Add	*17.14*	
		For 304 Stainless Steel Liner, Add	*23.37*	
		For 2" Wall Instead Of 1", Add	*101.44*	
		For 3" To 4" Wall Instead Of 1", Add	*156.15*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	477.23	50.32
		For Aluminum Liner, Add	*19.33*	
		For 304 Stainless Steel Liner, Add	*26.36*	
		For 2" Wall Instead Of 1", Add	*118.01*	
		For 3" To 4" Wall Instead Of 1", Add	*183.31*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	662.58	53.44
		For Aluminum Liner, Add	*29.09*	
		For 304 Stainless Steel Liner, Add	*39.67*	
		For 2" Wall Instead Of 1", Add	*172.05*	
		For 3" To 4" Wall Instead Of 1", Add	*264.76*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	812.06	56.75
		For Aluminum Liner, Add	*36.87*	
		For 304 Stainless Steel Liner, Add	*50.27*	
		For 2" Wall Instead Of 1", Add	*215.26*	
		For 3" To 4" Wall Instead Of 1", Add	*329.98*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,468.97	58.64
		For Aluminum Liner, Add	*72.73*	
		For 304 Stainless Steel Liner, Add	*99.18*	
		For 2" Wall Instead Of 1", Add	*411.39*	
		For 3" To 4" Wall Instead Of 1", Add	*624.41*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,509.92	60.53
		For Aluminum Liner, Add	*74.73*	
		For 304 Stainless Steel Liner, Add	*101.90*	
		For 2" Wall Instead Of 1", Add	*422.73*	
		For 3" To 4" Wall Instead Of 1", Add	*641.65*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,591.85	64.32
		For Aluminum Liner, Add	*78.71*	
		For 304 Stainless Steel Liner, Add	*107.34*	
		For 2" Wall Instead Of 1", Add	*445.42*	
		For 3" To 4" Wall Instead Of 1", Add	*676.16*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,777.72	66.21
		For Aluminum Liner, Add	*88.68*	
		For 304 Stainless Steel Liner, Add	*120.92*	
		For 2" Wall Instead Of 1", Add	*500.23*	
		For 3" To 4" Wall Instead Of 1", Add	*758.62*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,941.16	69.99
		For Aluminum Liner, Add	*97.15*	
		For 304 Stainless Steel Liner, Add	*132.47*	
		For 2" Wall Instead Of 1", Add	*547.37*	
		For 3" To 4" Wall Instead Of 1", Add	*829.80*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,000.63	75.66
		For Aluminum Liner, Add	*99.64*	
		For 304 Stainless Steel Liner, Add	*135.87*	
		For 2" Wall Instead Of 1", Add	*562.38*	
		For 3" To 4" Wall Instead Of 1", Add	*853.02*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,143.11	78.32
		For Aluminum Liner, Add	*107.11*	
		For 304 Stainless Steel Liner, Add	*146.06*	
		For 2" Wall Instead Of 1", Add	*603.80*	
		For 3" To 4" Wall Instead Of 1", Add	*915.48*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,281.82	79.45
		For Aluminum Liner, Add	*114.58*	
		For 304 Stainless Steel Liner, Add	*156.25*	
		For 2" Wall Instead Of 1", Add	*644.84*	
		For 3" To 4" Wall Instead Of 1", Add	*977.19*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,381.84	83.24
		For Aluminum Liner, Add	*119.56*	
		For 304 Stainless Steel Liner, Add	*163.04*	
		For 2" Wall Instead Of 1", Add	*672.96*	
		For 3" To 4" Wall Instead Of 1", Add	*1,019.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,527.15	87.02
		For Aluminum Liner, Add	*127.04*	
		For 304 Stainless Steel Liner, Add	*173.23*	
		For 2" Wall Instead Of 1", Add	*714.67*	
		For 3" To 4" Wall Instead Of 1", Add	*1,082.87*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,717.76	90.80
		For Aluminum Liner, Add	*137.00*	
		For 304 Stainless Steel Liner, Add	*186.82*	
		For 2" Wall Instead Of 1", Add	*769.96*	
		For 3" To 4" Wall Instead Of 1", Add	*1,166.28*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,817.79	94.58
		For Aluminum Liner, Add	*141.98*	
		For 304 Stainless Steel Liner, Add	*193.61*	
		For 2" Wall Instead Of 1", Add	*798.08*	
		For 3" To 4" Wall Instead Of 1", Add	*1,208.93*	
23 51 16 00-0071		Tees *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	93.27	22.42
		For Aluminum Liner, Add	*2.04*	
		For 304 Stainless Steel Liner, Add	*2.79*	
		For 2" Wall Instead Of 1", Add	*16.76*	
		For 3" To 4" Wall Instead Of 1", Add	*27.94*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	97.11	23.27
		For Aluminum Liner, Add	*2.14*	
		For 304 Stainless Steel Liner, Add	*2.92*	
		For 2" Wall Instead Of 1", Add	*17.50*	
		For 3" To 4" Wall Instead Of 1", Add	*29.16*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	101.29	24.22
		For Aluminum Liner, Add	*2.24*	
		For 304 Stainless Steel Liner, Add	*3.06*	
		For 2" Wall Instead Of 1", Add	*18.28*	
		For 3" To 4" Wall Instead Of 1", Add	*30.45*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	108.38	25.25
		For Aluminum Liner, Add	*2.49*	
		For 304 Stainless Steel Liner, Add	*3.40*	
		For 2" Wall Instead Of 1", Add	*19.90*	
		For 3" To 4" Wall Instead Of 1", Add	*33.00*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	128.33	26.29
		For Aluminum Liner, Add	*3.44*	
		For 304 Stainless Steel Liner, Add	*4.69*	
		For 2" Wall Instead Of 1", Add	*25.33*	
		For 3" To 4" Wall Instead Of 1", Add	*41.29*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	137.59	27.52
		For Aluminum Liner, Add	*3.79*	
		For 304 Stainless Steel Liner, Add	*5.16*	
		For 2" Wall Instead Of 1", Add	*27.53*	
		For 3" To 4" Wall Instead Of 1", Add	*44.73*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	258.66	28.85
		For Aluminum Liner, Add	*10.26*	
		For 304 Stainless Steel Liner, Add	*13.99*	
		For 2" Wall Instead Of 1", Add	*63.18*	
		For 3" To 4" Wall Instead Of 1", Add	*98.38*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	300.28	30.27
		For Aluminum Liner, Add	*12.36*	
		For 304 Stainless Steel Liner, Add	*16.85*	
		For 2" Wall Instead Of 1", Add	*74.96*	
		For 3" To 4" Wall Instead Of 1", Add	*116.22*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	449.99	33.68
		For Aluminum Liner, Add	*20.13*	
		For 304 Stainless Steel Liner, Add	*27.45*	
		For 2" Wall Instead Of 1", Add	*118.19*	
		For 3" To 4" Wall Instead Of 1", Add	*181.48*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	612.65	37.83
		For Aluminum Liner, Add	*28.50*	
		For 304 Stainless Steel Liner, Add	*38.86*	
		For 2" Wall Instead Of 1", Add	*164.89*	
		For 3" To 4" Wall Instead Of 1", Add	*252.06*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	760.24	43.23
		For Aluminum Liner, Add	*35.87*	
		For 304 Stainless Steel Liner, Add	*48.91*	
		For 2" Wall Instead Of 1", Add	*206.46*	
		For 3" To 4" Wall Instead Of 1", Add	*315.09*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,012.06	53.44
		For Aluminum Liner, Add	*48.32*	
		For 304 Stainless Steel Liner, Add	*65.90*	
		For 2" Wall Instead Of 1", Add	*276.93*	
		For 3" To 4" Wall Instead Of 1", Add	*422.07*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,270.50	69.80
		For Aluminum Liner, Add	*60.28*	
		For 304 Stainless Steel Liner, Add	*82.20*	
		For 2" Wall Instead Of 1", Add	*346.25*	
		For 3" To 4" Wall Instead Of 1", Add	*528.10*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,461.61	73.78
		For Aluminum Liner, Add	*70.24*	
		For 304 Stainless Steel Liner, Add	*95.79*	
		For 2" Wall Instead Of 1", Add	*401.59*	
		For 3" To 4" Wall Instead Of 1", Add	*611.61*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,010.29	79.45
		For Aluminum Liner, Add	*99.64*	
		For 304 Stainless Steel Liner, Add	*135.87*	
		For 2" Wall Instead Of 1", Add	*563.35*	
		For 3" To 4" Wall Instead Of 1", Add	*854.95*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,244.35	82.57
		For Aluminum Liner, Add	*112.09*	
		For 304 Stainless Steel Liner, Add	*152.85*	
		For 2" Wall Instead Of 1", Add	*632.04*	
		For 3" To 4" Wall Instead Of 1", Add	*958.38*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,436.71	87.02
		For Aluminum Liner, Add	*122.05*	
		For 304 Stainless Steel Liner, Add	*166.44*	
		For 2" Wall Instead Of 1", Add	*687.51*	
		For 3" To 4" Wall Instead Of 1", Add	*1,042.14*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,808.43	90.80
		For Aluminum Liner, Add	*141.98*	
		For 304 Stainless Steel Liner, Add	*193.61*	
		For 2" Wall Instead Of 1", Add	*797.14*	
		For 3" To 4" Wall Instead Of 1", Add	*1,207.06*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,863.25	94.58
		For Aluminum Liner, Add	*144.47*	
		For 304 Stainless Steel Liner, Add	*197.01*	
		For 2" Wall Instead Of 1", Add	*811.68*	
		For 3" To 4" Wall Instead Of 1", Add	*1,229.35*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,332.03	100.92
		For Aluminum Liner, Add	*169.38*	
		For 304 Stainless Steel Liner, Add	*230.98*	
		For 2" Wall Instead Of 1", Add	*949.14*	
		For 3" To 4" Wall Instead Of 1", Add	*1,436.33*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,408.83	113.50
		For Aluminum Liner, Add	*171.87*	
		For 304 Stainless Steel Liner, Add	*234.37*	
		For 2" Wall Instead Of 1", Add	*965.88*	
		For 3" To 4" Wall Instead Of 1", Add	*1,463.01*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,721.07	129.77
		For Aluminum Liner, Add	*186.82*	
		For 304 Stainless Steel Liner, Add	*254.75*	
		For 2" Wall Instead Of 1", Add	*1,051.45*	
		For 3" To 4" Wall Instead Of 1", Add	*1,593.39*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,092.07	151.34
		For Aluminum Liner, Add	*204.26*	
		For 304 Stainless Steel Liner, Add	*278.53*	
		For 2" Wall Instead Of 1", Add	*1,151.95*	
		For 3" To 4" Wall Instead Of 1", Add	*1,746.85*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,456.04	170.25
		For Aluminum Liner, Add	*221.69*	
		For 304 Stainless Steel Liner, Add	*302.31*	
		For 2" Wall Instead Of 1", Add	*1,251.76*	
		For 3" To 4" Wall Instead Of 1", Add	*1,898.90*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,877.88	175.93
		For Aluminum Liner, Add	*244.11*	
		For 304 Stainless Steel Liner, Add	*332.88*	
		For 2" Wall Instead Of 1", Add	*1,375.46*	
		For 3" To 4" Wall Instead Of 1", Add	*2,085.17*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,163.96	181.60
		For Aluminum Liner, Add	*259.06*	
		For 304 Stainless Steel Liner, Add	*353.26*	
		For 2" Wall Instead Of 1", Add	*1,458.42*	
		For 3" To 4" Wall Instead Of 1", Add	*2,210.32*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	46.94	13.15
		For Aluminum Liner, Add	*0.77*	
		For 304 Stainless Steel Liner, Add	*1.05*	
		For 2" Wall Instead Of 1", Add	*7.50*	
		For 3" To 4" Wall Instead Of 1", Add	*12.90*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	49.18	13.81
		For Aluminum Liner, Add	*0.81*	
		For 304 Stainless Steel Liner, Add	*1.11*	
		For 2" Wall Instead Of 1", Add	*7.87*	
		For 3" To 4" Wall Instead Of 1", Add	*13.53*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	63.46	15.13
		For Aluminum Liner, Add	*1.41*	
		For 304 Stainless Steel Liner, Add	*1.92*	
		For 2" Wall Instead Of 1", Add	*11.47*	
		For 3" To 4" Wall Instead Of 1", Add	*19.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	67.63	16.83
		For Aluminum Liner, Add	*1.41*	
		For 304 Stainless Steel Liner, Add	*1.92*	
		For 2" Wall Instead Of 1", Add	*11.89*	
		For 3" To 4" Wall Instead Of 1", Add	*19.93*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	82.23	17.78
		For Aluminum Liner, Add	*2.08*	
		For 304 Stainless Steel Liner, Add	*2.83*	
		For 2" Wall Instead Of 1", Add	*15.78*	
		For 3" To 4" Wall Instead Of 1", Add	*25.89*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	97.11	18.92
		For Aluminum Liner, Add	*2.74*	
		For 304 Stainless Steel Liner, Add	*3.74*	
		For 2" Wall Instead Of 1", Add	*19.68*	
		For 3" To 4" Wall Instead Of 1", Add	*31.88*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	228.83	21.56
		For Aluminum Liner, Add	*9.62*	
		For 304 Stainless Steel Liner, Add	*13.11*	
		For 2" Wall Instead Of 1", Add	*57.85*	
		For 3" To 4" Wall Instead Of 1", Add	*89.47*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	426.23	27.05
		For Aluminum Liner, Add	*19.73*	
		For 304 Stainless Steel Liner, Add	*26.90*	
		For 2" Wall Instead Of 1", Add	*114.36*	
		For 3" To 4" Wall Instead Of 1", Add	*174.92*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	787.58	32.45
		For Aluminum Liner, Add	*38.86*	
		For 304 Stainless Steel Liner, Add	*52.99*	
		For 2" Wall Instead Of 1", Add	*220.06*	
		For 3" To 4" Wall Instead Of 1", Add	*334.15*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,309.15	45.40
		For Aluminum Liner, Add	*65.76*	
		For 304 Stainless Steel Liner, Add	*89.67*	
		For 2" Wall Instead Of 1", Add	*370.04*	
		For 3" To 4" Wall Instead Of 1", Add	*560.74*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,931.00	47.77
		For Aluminum Liner, Add	*99.64*	
		For 304 Stainless Steel Liner, Add	*135.87*	
		For 2" Wall Instead Of 1", Add	*555.42*	
		For 3" To 4" Wall Instead Of 1", Add	*839.10*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,164.13	50.41
		For Aluminum Liner, Add	*112.09*	
		For 304 Stainless Steel Liner, Add	*152.85*	
		For 2" Wall Instead Of 1", Add	*624.02*	
		For 3" To 4" Wall Instead Of 1", Add	*942.33*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,443.36	53.44
		For Aluminum Liner, Add	*127.04*	
		For 304 Stainless Steel Liner, Add	*173.23*	
		For 2" Wall Instead Of 1", Add	*706.29*	
		For 3" To 4" Wall Instead Of 1", Add	*1,066.11*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,587.57	56.75
		For Aluminum Liner, Add	*134.51*	
		For 304 Stainless Steel Liner, Add	*183.42*	
		For 2" Wall Instead Of 1", Add	*747.88*	
		For 3" To 4" Wall Instead Of 1", Add	*1,128.92*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,732.88	60.53
		For Aluminum Liner, Add	*141.98*	
		For 304 Stainless Steel Liner, Add	*193.61*	
		For 2" Wall Instead Of 1", Add	*789.59*	
		For 3" To 4" Wall Instead Of 1", Add	*1,191.95*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,924.73	64.88
		For Aluminum Liner, Add	*151.95*	
		For 304 Stainless Steel Liner, Add	*207.20*	
		For 2" Wall Instead Of 1", Add	*845.01*	
		For 3" To 4" Wall Instead Of 1", Add	*1,275.61*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	19.29	7.09
		For Aluminum Liner, Add	*0.09*	
		For 304 Stainless Steel Liner, Add	*0.12*	
		For 2" Wall Instead Of 1", Add	*2.25*	
		For 3" To 4" Wall Instead Of 1", Add	*4.26*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	24.44	9.08
		For Aluminum Liner, Add	*0.09*	
		For 304 Stainless Steel Liner, Add	*0.12*	
		For 2" Wall Instead Of 1", Add	*2.77*	
		For 3" To 4" Wall Instead Of 1", Add	*5.30*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	32.54	12.20
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*3.66*	
		For 3" To 4" Wall Instead Of 1", Add	*7.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	40.72	15.13
		For Aluminum Liner, Add	*0.16*	
		For 304 Stainless Steel Liner, Add	*0.22*	
		For 2" Wall Instead Of 1", Add	*4.65*	
		For 3" To 4" Wall Instead Of 1", Add	*8.87*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	58.49	20.43
		For Aluminum Liner, Add	*0.41*	
		For 304 Stainless Steel Liner, Add	*0.56*	
		For 2" Wall Instead Of 1", Add	*7.33*	
		For 3" To 4" Wall Instead Of 1", Add	*13.55*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	73.88	25.35
		For Aluminum Liner, Add	*0.58*	
		For 304 Stainless Steel Liner, Add	*0.79*	
		For 2" Wall Instead Of 1", Add	*9.49*	
		For 3" To 4" Wall Instead Of 1", Add	*17.40*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	93.47	30.27
		For Aluminum Liner, Add	*0.98*	
		For 304 Stainless Steel Liner, Add	*1.34*	
		For 2" Wall Instead Of 1", Add	*12.91*	
		For 3" To 4" Wall Instead Of 1", Add	*23.15*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	121.73	35.95
		For Aluminum Liner, Add	*1.75*	
		For 304 Stainless Steel Liner, Add	*2.39*	
		For 2" Wall Instead Of 1", Add	*18.55*	
		For 3" To 4" Wall Instead Of 1", Add	*32.32*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	163.40	39.73
		For Aluminum Liner, Add	*3.52*	
		For 304 Stainless Steel Liner, Add	*4.81*	
		For 2" Wall Instead Of 1", Add	*29.16*	
		For 3" To 4" Wall Instead Of 1", Add	*48.70*	
23 51 16 00-0125		Adjustable Roof Flashing *(23 51 16 00-0001)*		
23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	52.42	16.83
		For Aluminum Liner, Add	*0.57*	
		For 304 Stainless Steel Liner, Add	*0.78*	
		For 2" Wall Instead Of 1", Add	*7.33*	
		For 3" To 4" Wall Instead Of 1", Add	*13.09*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	57.95	17.78
		For Aluminum Liner, Add	*0.74*	
		For 304 Stainless Steel Liner, Add	*1.01*	
		For 2" Wall Instead Of 1", Add	*8.48*	
		For 3" To 4" Wall Instead Of 1", Add	*14.94*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	72.87	20.15
		For Aluminum Liner, Add	*1.24*	
		For 304 Stainless Steel Liner, Add	*1.68*	
		For 2" Wall Instead Of 1", Add	*11.78*	
		For 3" To 4" Wall Instead Of 1", Add	*20.19*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	88.87	23.27
		For Aluminum Liner, Add	*1.69*	
		For 304 Stainless Steel Liner, Add	*2.30*	
		For 2" Wall Instead Of 1", Add	*15.03*	
		For 3" To 4" Wall Instead Of 1", Add	*25.45*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	147.33	25.25
		For Aluminum Liner, Add	*4.63*	
		For 304 Stainless Steel Liner, Add	*6.32*	
		For 2" Wall Instead Of 1", Add	*31.58*	
		For 3" To 4" Wall Instead Of 1", Add	*50.53*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	175.63	27.52
		For Aluminum Liner, Add	*5.88*	
		For 304 Stainless Steel Liner, Add	*8.02*	
		For 2" Wall Instead Of 1", Add	*38.94*	
		For 3" To 4" Wall Instead Of 1", Add	*61.85*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	207.00	30.27
		For Aluminum Liner, Add	*7.22*	
		For 304 Stainless Steel Liner, Add	*9.85*	
		For 2" Wall Instead Of 1", Add	*46.97*	
		For 3" To 4" Wall Instead Of 1", Add	*74.24*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	247.22	33.68
		For Aluminum Liner, Add	*8.97*	
		For 304 Stainless Steel Liner, Add	*12.23*	
		For 2" Wall Instead Of 1", Add	*57.33*	
		For 3" To 4" Wall Instead Of 1", Add	*90.20*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	375.41	37.83
		For Aluminum Liner, Add	*15.44*	
		For 304 Stainless Steel Liner, Add	*21.06*	
		For 2" Wall Instead Of 1", Add	*93.70*	
		For 3" To 4" Wall Instead Of 1", Add	*145.28*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	412.34	50.41
		For Aluminum Liner, Add	*15.74*	
		For 304 Stainless Steel Liner, Add	*21.47*	
		For 2" Wall Instead Of 1", Add	*98.48*	
		For 3" To 4" Wall Instead Of 1", Add	*154.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	524.50	64.88
		For Aluminum Liner, Add	*19.93*	
		For 304 Stainless Steel Liner, Add	*27.17*	
		For 2" Wall Instead Of 1", Add	*124.91*	
		For 3" To 4" Wall Instead Of 1", Add	*195.48*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	623.95	75.66
		For Aluminum Liner, Add	*23.91*	
		For 304 Stainless Steel Liner, Add	*32.61*	
		For 2" Wall Instead Of 1", Add	*149.35*	
		For 3" To 4" Wall Instead Of 1", Add	*233.49*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	20.69	7.09
		For Aluminum Liner, Add	*0.17*	
		For 304 Stainless Steel Liner, Add	*0.23*	
		For 2" Wall Instead Of 1", Add	*2.67*	
		For 3" To 4" Wall Instead Of 1", Add	*4.89*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	26.15	9.08
		For Aluminum Liner, Add	*0.19*	
		For 304 Stainless Steel Liner, Add	*0.26*	
		For 2" Wall Instead Of 1", Add	*3.31*	
		For 3" To 4" Wall Instead Of 1", Add	*6.09*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	30.78	10.59
		For Aluminum Liner, Add	*0.24*	
		For 304 Stainless Steel Liner, Add	*0.32*	
		For 2" Wall Instead Of 1", Add	*3.94*	
		For 3" To 4" Wall Instead Of 1", Add	*7.23*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	35.42	12.10
		For Aluminum Liner, Add	*0.28*	
		For 304 Stainless Steel Liner, Add	*0.39*	
		For 2" Wall Instead Of 1", Add	*4.57*	
		For 3" To 4" Wall Instead Of 1", Add	*8.37*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	44.69	15.13
		For Aluminum Liner, Add	*0.38*	
		For 304 Stainless Steel Liner, Add	*0.51*	
		For 2" Wall Instead Of 1", Add	*5.84*	
		For 3" To 4" Wall Instead Of 1", Add	*10.65*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	61.83	20.43
		For Aluminum Liner, Add	*0.59*	
		For 304 Stainless Steel Liner, Add	*0.81*	
		For 2" Wall Instead Of 1", Add	*8.33*	
		For 3" To 4" Wall Instead Of 1", Add	*15.05*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	76.30	25.35
		For Aluminum Liner, Add	*0.71*	
		For 304 Stainless Steel Liner, Add	*0.97*	
		For 2" Wall Instead Of 1", Add	*10.21*	
		For 3" To 4" Wall Instead Of 1", Add	*18.49*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	97.59	30.27
		For Aluminum Liner, Add	*1.21*	
		For 304 Stainless Steel Liner, Add	*1.64*	
		For 2" Wall Instead Of 1", Add	*14.15*	
		For 3" To 4" Wall Instead Of 1", Add	*25.00*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	129.53	35.95
		For Aluminum Liner, Add	*2.18*	
		For 304 Stainless Steel Liner, Add	*2.98*	
		For 2" Wall Instead Of 1", Add	*20.89*	
		For 3" To 4" Wall Instead Of 1", Add	*35.83*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	182.92	39.73
		For Aluminum Liner, Add	*4.60*	
		For 304 Stainless Steel Liner, Add	*6.27*	
		For 2" Wall Instead Of 1", Add	*35.01*	
		For 3" To 4" Wall Instead Of 1", Add	*57.49*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	35.22	8.90
		For 2" Wall Instead Of 1", Add	*6.12*	
		For 3" To 4" Wall Instead Of 1", Add	*10.29*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	38.89	9.46
		For 2" Wall Instead Of 1", Add	*6.97*	
		For 3" To 4" Wall Instead Of 1", Add	*11.63*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	43.13	10.12
		For 2" Wall Instead Of 1", Add	*7.89*	
		For 3" To 4" Wall Instead Of 1", Add	*13.10*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	77.26	18.45
		For 2" Wall Instead Of 1", Add	*13.95*	
		For 3" To 4" Wall Instead Of 1", Add	*23.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	90.15	21.56
		For 2" Wall Instead Of 1", Add	*16.26*	
		For 3" To 4" Wall Instead Of 1", Add	*27.09*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	107.48	24.41
		For 2" Wall Instead Of 1", Add	*20.04*	
		For 3" To 4" Wall Instead Of 1", Add	*33.11*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	78.82	18.45
		For 2" Wall Instead Of 1", Add	*14.42*	
		For 3" To 4" Wall Instead Of 1", Add	*23.93*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	93.93	21.56
		For 2" Wall Instead Of 1", Add	*17.40*	
		For 3" To 4" Wall Instead Of 1", Add	*28.79*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	109.92	24.41
		For 2" Wall Instead Of 1", Add	*20.77*	
		For 3" To 4" Wall Instead Of 1", Add	*34.21*	

23 51 16 00-0161 Tees *(23 51 16 00-0149)*

23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	129.42	28.00
		For 2" Wall Instead Of 1", Add	*24.81*	
		For 3" To 4" Wall Instead Of 1", Add	*40.72*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	131.86	28.00
		For 2" Wall Instead Of 1", Add	*25.54*	
		For 3" To 4" Wall Instead Of 1", Add	*41.82*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	151.53	32.15
		For 2" Wall Instead Of 1", Add	*29.38*	
		For 3" To 4" Wall Instead Of 1", Add	*48.09*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	173.43	36.04
		For 2" Wall Instead Of 1", Add	*34.01*	
		For 3" To 4" Wall Instead Of 1", Add	*55.52*	

23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	49.69	9.08
		For 2" Wall Instead Of 1", Add	*10.35*	
		For 3" To 4" Wall Instead Of 1", Add	*16.66*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	77.74	12.20
		For 2" Wall Instead Of 1", Add	*17.22*	
		For 3" To 4" Wall Instead Of 1", Add	*27.36*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	40.13	9.08
		For 2" Wall Instead Of 1", Add	*7.48*	
		For 3" To 4" Wall Instead Of 1", Add	*12.36*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	68.74	12.20
		For 2" Wall Instead Of 1", Add	*14.52*	
		For 3" To 4" Wall Instead Of 1", Add	*23.31*	

23 51 16 00-0171 Storm Collars *(23 51 16 00-0149)*

23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	26.15	9.08
		For 2" Wall Instead Of 1", Add	*3.31*	
		For 3" To 4" Wall Instead Of 1", Add	*6.09*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	30.78	10.59
		For 2" Wall Instead Of 1", Add	*3.94*	
		For 3" To 4" Wall Instead Of 1", Add	*7.23*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	35.42	12.10
		For 2" Wall Instead Of 1", Add	*4.57*	
		For 3" To 4" Wall Instead Of 1", Add	*8.37*	

23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0176 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0175)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	101.98	10.12
		For 316 Stainless Steel, Add	*12.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.34*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	122.78	11.63
		For 316 Stainless Steel, Add	*14.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.73*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	136.40	12.58
		For 316 Stainless Steel, Add	*16.79*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*20.98*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	153.97	13.72
		For 316 Stainless Steel, Add	*19.13*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*23.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	173.68	14.37
		For 316 Stainless Steel, Add	*22.02*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*27.53*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	183.44	15.13
		For 316 Stainless Steel, Add	*23.29*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.11*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	203.46	15.99
		For 316 Stainless Steel, Add	*26.17*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*32.72*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	250.37	25.25
		For 316 Stainless Steel, Add	*29.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.46*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	312.39	28.37
		For 316 Stainless Steel, Add	*38.63*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*48.29*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	353.17	30.27
		For 316 Stainless Steel, Add	*44.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*55.51*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	395.38	33.58
		For 316 Stainless Steel, Add	*49.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.28*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	440.44	36.32
		For 316 Stainless Steel, Add	*55.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*69.95*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	502.81	41.33
		For 316 Stainless Steel, Add	*63.90*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.94*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*79.88*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	589.00	47.86
		For 316 Stainless Steel, Add	*75.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*93.87*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	487.72	20.91
		For 316 Stainless Steel, Add	*87.10*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*87.10*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	538.78	23.27
		For 316 Stainless Steel, Add	*96.12*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*48.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*96.12*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	613.69	25.25
		For 316 Stainless Steel, Add	*110.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*55.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*110.11*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	693.80	27.52
		For 316 Stainless Steel, Add	*125.01*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*125.01*	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	805.42	28.85
		For 316 Stainless Steel, Add	*146.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*73.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*146.67*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	887.97	30.27
		For 316 Stainless Steel, Add	*162.46*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*81.23*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*162.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,027.33	31.87
		For 316 Stainless Steel, Add	*189.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*94.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*189.54*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,186.65	50.41
		For 316 Stainless Steel, Add	*212.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*106.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*212.11*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,461.90	56.75
		For 316 Stainless Steel, Add	*264.00*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*132.00*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*264.00*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,775.98	60.53
		For 316 Stainless Steel, Add	*324.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*162.46*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*324.93*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,350.82	64.79
		For 316 Stainless Steel, Add	*437.75*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*218.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*437.75*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,671.25	75.66
		For 316 Stainless Steel, Add	*496.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*248.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*496.42*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,929.43	82.57
		For 316 Stainless Steel, Add	*744.62*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*372.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*744.62*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,909.10	90.80
		For 316 Stainless Steel, Add	*936.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*468.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*936.42*	
23 51 16 00-0206		**45 Degree Elbows** *(23 51 16 00-0175)*		
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	323.44	20.15
		For 316 Stainless Steel, Add	*54.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.30*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*54.61*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	369.55	23.27
		For 316 Stainless Steel, Add	*62.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.28*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	410.59	25.25
		For 316 Stainless Steel, Add	*69.50*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*69.50*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	468.16	27.52
		For 316 Stainless Steel, Add	*79.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.94*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*79.88*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	527.88	28.85
		For 316 Stainless Steel, Add	*91.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*45.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*91.16*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	592.37	30.27
		For 316 Stainless Steel, Add	*103.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*51.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*103.34*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	664.05	31.87
		For 316 Stainless Steel, Add	*116.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*58.44*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*116.88*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	794.03	50.41
		For 316 Stainless Steel, Add	*133.58*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.79*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*133.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	999.33	56.75
		For 316 Stainless Steel, Add	*171.49*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*85.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*171.49*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,121.61	60.53
		For 316 Stainless Steel, Add	*194.05*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.03*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.05*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,459.53	64.79
		For 316 Stainless Steel, Add	*259.49*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*129.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*259.49*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,937.91	75.66
		For 316 Stainless Steel, Add	*349.75*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*174.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*349.75*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,575.57	82.57
		For 316 Stainless Steel, Add	*473.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*236.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*473.85*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,442.43	90.80
		For 316 Stainless Steel, Add	*643.08*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*321.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*643.08*	
23 51 16 00-0221		**Tees** *(23 51 16 00-0175)*		
23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	349.69	25.25
		For 316 Stainless Steel, Add	*63.05*	
		For Tee Cap, Add	*79.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.66*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.31*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	398.21	27.52
		For 316 Stainless Steel, Add	*72.48*	
		For Tee Cap, Add	*89.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.94*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*65.89*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	457.90	28.85
		For 316 Stainless Steel, Add	*84.89*	
		For Tee Cap, Add	*102.39*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*38.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*77.17*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	526.93	30.27
		For 316 Stainless Steel, Add	*99.28*	
		For Tee Cap, Add	*116.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*45.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*90.26*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	616.59	33.68
		For 316 Stainless Steel, Add	*117.15*	
		For Tee Cap, Add	*135.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*53.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*106.50*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	692.48	37.83
		For 316 Stainless Steel, Add	*131.55*	
		For Tee Cap, Add	*152.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*59.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*119.59*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	807.51	43.23
		For 316 Stainless Steel, Add	*153.89*	
		For Tee Cap, Add	*177.70*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*69.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*139.90*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	923.27	53.44
		For 316 Stainless Steel, Add	*173.75*	
		For Tee Cap, Add	*204.68*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*78.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*157.95*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,170.72	75.66
		For 316 Stainless Steel, Add	*215.94*	
		For Tee Cap, Add	*262.52*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*98.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*196.31*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,424.79	82.57
		For 316 Stainless Steel, Add	*268.07*	
		For Tee Cap, Add	*315.90*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.85*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.70*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,896.75	90.80
		For 316 Stainless Steel, Add	*367.35*	
		For Tee Cap, Add	*413.40*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*166.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*333.95*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,113.91	100.92
		For 316 Stainless Steel, Add	*409.54*	
		For Tee Cap, Add	*460.63*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*186.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*372.31*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,368.12	151.34
		For 316 Stainless Steel, Add	*657.75*	
		For Tee Cap, Add	*730.38*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*298.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*597.96*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,233.56	181.60
		For 316 Stainless Steel, Add	*831.50*	
		For Tee Cap, Add	*914.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*377.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*755.91*	
23 51 16 00-0236		**Bellows** *(23 51 16 00-0175)*		
23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	668.67	20.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*61.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*123.65*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	728.32	23.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*67.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*134.03*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	796.46	25.25
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*73.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*146.67*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	881.09	27.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*81.23*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*162.46*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	985.94	28.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*91.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*182.77*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,091.05	30.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*101.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*203.08*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,219.13	31.87
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*113.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*227.90*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,412.27	50.41
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*128.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*257.23*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,743.96	56.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*160.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*320.41*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,956.51	60.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*180.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*361.03*	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,238.10	64.88
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*207.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*415.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,558.44	75.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*236.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*473.85*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,252.52	82.57
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*304.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*609.24*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,950.13	90.80
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*372.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*744.62*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	441.79	23.27
		For 316 Stainless Steel, Add	*38.36*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	479.44	27.52
		For 316 Stainless Steel, Add	*41.07*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	524.67	30.27
		For 316 Stainless Steel, Add	*44.90*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	567.00	33.68
		For 316 Stainless Steel, Add	*48.29*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	723.10	35.65
		For 316 Stainless Steel, Add	*63.41*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	645.13	37.83
		For 316 Stainless Steel, Add	*55.06*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	694.38	40.38
		For 316 Stainless Steel, Add	*59.34*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	778.21	56.75
		For 316 Stainless Steel, Add	*63.63*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	872.75	64.79
		For 316 Stainless Steel, Add	*71.08*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	998.10	69.80
		For 316 Stainless Steel, Add	*82.36*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,114.19	75.57
		For 316 Stainless Steel, Add	*92.51*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,242.26	90.70
		For 316 Stainless Steel, Add	*101.54*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,594.69	100.83
		For 316 Stainless Steel, Add	*134.26*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,975.89	113.40
		For 316 Stainless Steel, Add	*169.23*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	305.97	13.15
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	322.61	14.37
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	346.95	15.13
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	362.49	15.89
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	399.66	16.36
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	436.84	16.74
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	530.59	17.31
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	660.98	32.45
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	831.91	34.90
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	993.39	36.32
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,222.81	37.83
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,389.39	41.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,755.33	43.23
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,245.84	45.40
23 51 16 00-0281		**Vent Top Caps** *(23 51 16 00-0175)*		
23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	335.22	13.15
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	388.04	14.37
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	450.73	15.13
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	518.16	15.89
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	604.96	16.36
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	687.36	16.83
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	765.29	17.31
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	915.87	32.45
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,091.41	34.90
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,185.12	36.32
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,346.85	37.83
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,569.79	41.24
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,913.21	43.23
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,223.21	45.40
23 51 16 00-0296		**Roof Support Assemblies** *(23 51 16 00-0175)*		
23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	504.97	24.22
		For 316 Stainless Steel, Add	*88.90*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	557.21	28.85
		For 316 Stainless Steel, Add	*97.03*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	612.11	31.87
		For 316 Stainless Steel, Add	*106.50*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	653.07	35.56
		For 316 Stainless Steel, Add	*112.82*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	728.64	37.83
		For 316 Stainless Steel, Add	*126.81*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	773.33	40.38
		For 316 Stainless Steel, Add	*134.48*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	830.25	43.32
		For 316 Stainless Steel, Add	*144.41*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	918.53	60.53
		For 316 Stainless Steel, Add	*153.44*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,032.08	69.89
		For 316 Stainless Steel, Add	*171.49*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,193.29	75.66
		For 316 Stainless Steel, Add	*200.82*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,424.81	82.57
		For 316 Stainless Steel, Add	*243.70*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,651.34	100.92
		For 316 Stainless Steel, Add	*279.80*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,472.47	113.50
		For 316 Stainless Steel, Add	*437.75*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,030.32	129.01
		For 316 Stainless Steel, Add	*541.55*	
23 51 16 00-0311		**Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: With 1" insulation.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0312		**Round Stainless Steel Double Wall Flue/Vent Pipe** *(23 51 16 00-0311)* Note: With 1" insulation.		
23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	88.44	10.12
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.32*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*12.64*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	108.27	10.78
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.25*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	123.91	11.63
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.48*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.95*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	169.09	12.58
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*27.53*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	219.46	13.81
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.01*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	279.82	14.47
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*48.74*	
23 51 16 00-0319		**90 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	191.48	20.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.10*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.21*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	211.95	21.56
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*31.59*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	238.71	23.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*36.10*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	297.76	25.25
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*23.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*46.93*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	355.35	27.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.66*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.31*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	415.01	28.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.30*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.60*	
23 51 16 00-0326		**45 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	156.23	20.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.15*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	172.46	21.56
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.85*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*23.69*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	193.59	23.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*27.08*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	239.09	25.25
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*35.20*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	283.69	27.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.99*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	329.30	28.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.72*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.45*	
23 51 16 00-0333		**Tees With Tee Caps** *(23 51 16 00-0311)*		
23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	316.67	20.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*53.25*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	401.50	21.56
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*69.50*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	450.78	23.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.26*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*78.52*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	615.86	25.25
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*55.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*110.57*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	847.21	27.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*77.85*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*155.69*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,087.41	28.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*101.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*203.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0340		**Joist Shields** *(23 51 16 00-0311)*		
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	131.65	20.15
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	142.01	21.56
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	166.47	23.27
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	208.67	25.25
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	250.40	27.52
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	297.67	28.85
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	157.59	20.15
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	175.85	21.56
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	191.28	23.27
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	233.46	25.25
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	288.82	27.52
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	347.29	28.75
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	140.68	20.15
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	176.98	21.56
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	222.88	23.27
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	358.72	25.25
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	490.76	27.52
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	627.13	28.85
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	211.68	20.15
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	235.64	21.56
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	255.59	23.27
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	322.54	25.25
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	382.42	27.52
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	469.18	28.85
23 51 16 00-0368		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	213.88	38.51
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	233.43	38.51
23 51 16 00-0372		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)* Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	37.01	11.70
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	42.64	12.31
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	49.11	13.69
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	61.50	16.10
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	44.85	13.41
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	55.34	14.12
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	68.83	15.69
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	85.68	18.46
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	76.69	17.74
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	91.88	18.67
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	115.69	20.76
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	151.32	24.41
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	113.83	26.19
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	131.54	27.56
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	174.03	30.63
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	228.41	36.04
23 51 16 00-0390		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	45.88	14.22
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	54.63	14.97
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	70.04	15.51
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	82.40	16.15
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	45.88	14.22
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	54.63	14.97
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	70.04	15.51
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	82.40	16.15
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	45.88	14.22
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	54.63	14.97
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	70.04	15.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	82.40	16.15
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	45.88	14.22
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	54.63	14.97
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	69.06	15.51
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	84.80	16.15
23 51 16 00-0407		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	155.67	21.33
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	198.05	22.45
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	234.15	23.27
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	256.90	24.22
23 51 16 00-0412		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	55.36	14.22
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	82.23	14.97
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	96.76	15.51
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	134.64	16.15
23 51 16 00-0417		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	61.97	14.59
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	68.26	15.24
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	129.00	15.82
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	86.30	14.59
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	66.28	15.24
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	180.95	15.82
23 51 16 00-0424		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	61.97	14.59
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	68.26	15.24
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	161.39	15.82
23 51 16 00-0428		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	77.10	21.33
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	87.28	22.45
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	139.52	23.27
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	149.31	24.22
23 51 16 00-0433		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	238.51	23.27
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	313.11	29.09
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	193.47	24.22
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	289.58	30.27
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	312.16	15.24
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	362.38	15.82
23 51 16 00-0440		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	109.94	21.33
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	134.65	22.45
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	155.52	23.27
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	178.70	24.22
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	199.96	23.27
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	221.22	24.22
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	66.12	7.11
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	85.75	7.48
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	102.52	7.76
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	134.99	8.07
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	124.15	21.33
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	154.36	22.45
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	179.97	23.27
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	218.88	24.22
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	168.56	14.22
23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	147.41	14.97
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	186.18	15.51
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	389.20	14.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	415.82	15.51
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	486.45	16.15
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	96.44	14.22
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	102.54	14.22
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	108.63	14.22
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	114.72	14.22
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	104.42	14.97
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	110.51	14.97
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	116.60	14.97
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	122.69	14.97
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	117.96	15.51
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	124.05	15.51
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	130.14	15.51
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	102.47	14.22
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	133.04	14.97
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	116.54	21.33
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	156.50	22.45
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	186.78	23.27
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	206.56	24.22
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	38.94	12.31
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	47.16	13.69
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	47.23	14.12
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	60.06	15.69
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	72.72	18.67
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	99.40	27.56
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	121.97	30.63
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	43.82	12.31
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	57.35	14.12
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	96.40	18.67
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	47.82	14.22
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	57.07	14.97
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	73.15	15.51
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	46.90	14.22
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	56.46	14.97
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	72.08	15.51
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	31.81	7.11
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	37.53	7.48
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	42.40	7.76
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	87.44	7.48
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	100.77	8.07
23 51 16 00-0500		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0372)*		
23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	16.26	3.56
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	15.27	3.74
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	15.72	3.87
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	26.03	4.03
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	31.48	5.34
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	37.38	5.61
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	43.76	5.82
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	29.79	5.34
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	29.43	5.82
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	36.47	6.05
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	21.84	5.61
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	41.68	14.22
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	46.37	14.97
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	50.29	15.51
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	56.87	16.15
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	3.91	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.37	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	5.92	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	9.78	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	13.09	3.56
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	14.98	3.74
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	16.22	3.87
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	18.09	4.03
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	72.22	7.11
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	73.93	7.48
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	53.58	7.76
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	63.30	5.34
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	65.22	5.61
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	88.60	5.82
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	152.47	6.05
23 51 16 00-0531		**Polypropylene Flue/Vent Flex Pipe** *(23 51 16 00-0372)*		
23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	11.24	1.25
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	9.62	1.25
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	13.86	1.47
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	11.83	1.47
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	20.18	1.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	17.05	1.82
23 51 16 00-0538		**Polypropylene Flue/Vent Couplers** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	75.90	14.22
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	86.07	14.22
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	183.90	14.97
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	343.30	15.51
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	89.06	14.22
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	221.05	14.97
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	586.92	15.51
23 51 16 00-0546		**Polypropylene Flue/Vent Flex End Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	102.56	14.22
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	93.62	14.97
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	117.63	15.51
23 51 16 00-0550		**Aluminum Flue/Vent Fittings** *(23 51 16)*		
23 51 16 00-0551		**Aluminum Vent Top Caps** *(23 51 16 00-0550)*		
23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	98.19	14.09
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	104.58	13.81
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	113.73	14.47
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	162.09	15.13
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	181.38	16.83
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	538.38	17.78
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	551.30	18.92

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001		**Packaged Electric Steam Boiler** *(23 52 13)* Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.		
23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,768.54	580.93
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,386.39	677.75
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	9,004.94	726.17
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,028.70	774.58
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,027.68	822.99
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	12,876.38	919.81
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	14,725.17	1,016.64
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	15,319.19	1,065.05
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	16,122.80	1,113.46
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	21,104.07	1,210.27
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	21,996.17	1,258.68
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	23,203.75	1,408.51
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	24,169.74	1,512.84
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	26,077.64	1,617.18
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	28,087.25	1,773.67
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	29,864.81	1,825.84
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	31,316.73	1,878.01
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	33,267.19	1,930.17
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	35,218.18	1,982.34
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	37,683.88	2,086.68
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	40,222.61	2,191.01
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	42,709.17	2,243.18
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	47,346.53	2,295.35
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	50,992.91	2,399.67
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	52,225.76	2,504.01
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	57,435.04	2,660.51
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	59,298.15	2,817.01
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	61,265.59	2,973.52
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	65,081.25	3,130.01
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	66,776.15	3,234.34
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	69,001.25	3,443.01
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	71,362.62	3,651.69
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	77,965.50	3,860.35
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	82,198.50	4,069.02
23 52 13 00-0036		**Packaged Electric Hot Water Boiler** *(23 52 13)* Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output.		
23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	6,817.84	532.52
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,183.68	580.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	7,549.52	629.34
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	7,903.42	677.75
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,311.21	726.17
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	8,613.03	774.58
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	8,978.87	822.99
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	9,527.63	871.40
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,005.47	919.81
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	10,298.14	968.22
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,058.16	1,016.64
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	11,773.69	1,065.05
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,067.45	1,113.46
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	13,909.95	1,161.87
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	14,619.44	1,210.27
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	15,875.12	1,258.68
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	17,447.93	1,408.51
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	18,759.52	1,512.84
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	20,184.61	1,617.18
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	21,600.55	1,773.67
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	23,025.64	1,878.01
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	24,351.14	1,982.34
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	26,198.31	2,034.51
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	27,919.78	2,086.68
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	29,568.11	2,191.01
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	31,299.71	2,191.01
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	34,294.20	2,243.18
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	35,888.36	2,295.35
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	37,888.28	2,399.67
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	39,410.24	2,451.84
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	40,937.53	2,504.01
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	42,077.49	2,660.51
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	44,144.05	2,817.01
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	51,395.36	2,973.52
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	56,396.00	3,130.01
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	58,594.17	3,234.34
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	61,037.18	3,443.01
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	63,480.17	3,651.69
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	70,378.29	3,860.35
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	74,819.86	4,069.02
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	76,714.11	4,173.35
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	78,608.35	4,277.69
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	79,025.68	4,434.18
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	84,852.03	4,538.52
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	88,744.85	4,695.02
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	95,275.78	5,008.02
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	102,654.27	5,529.69
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	111,128.92	6,155.69
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	117,659.86	6,781.69

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,550.28	387.29
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,220.12	515.87
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,084.44	580.83
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	14,931.50	613.17
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,754.27	710.00
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,887.18	774.48
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,984.75	903.55
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	43,176.16	1,032.71
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	52,862.52	1,129.52
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	76,463.85	1,323.07
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	84,281.10	1,419.90

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Rated by gross rated output.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	37,886.68	839.06
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	39,761.07	903.55
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	44,171.57	1,032.71
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	47,920.33	1,161.76
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	53,439.75	1,258.59
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	61,097.37	1,323.07
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	72,825.83	1,419.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0021		**Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	78,696.34	1,548.96
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	91,231.47	1,613.54
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	105,813.37	1,678.12
23 52 16 13-0025		**Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0026	EA	165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	12,731.06	580.83
23 52 16 13-0027	EA	226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286)	16,787.61	645.42
23 52 16 13-0028		**Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0029	EA	324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400)	22,530.50	742.24
23 52 16 13-0030	EA	406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501)	27,881.27	774.48
23 52 16 13-0031	EA	493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601)	32,851.84	839.06
23 52 16 13-0032	EA	574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701)	37,934.07	871.30
23 52 16 13-0033	EA	654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801)	43,601.83	935.89
23 52 16 13-0034		**Lochinvar SYNC Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0035	EA	941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000)	59,939.61	1,129.52
23 52 16 13-0036	EA	1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300)	68,344.50	1,226.25
23 52 16 13-0037	EA	1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500)	73,391.88	1,323.07
23 52 16 13-0038		**Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0039	EA	1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500)	72,994.74	1,258.59
23 52 16 13-0040	EA	1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000)	87,656.18	1,419.90
23 52 16 13-0041	EA	2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500)	114,536.54	1,484.48
23 52 16 13-0042	EA	2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000)	126,405.62	1,548.96
23 52 16 13-0043	EA	3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500)	150,784.11	1,613.54
23 52 16 13-0044		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)* Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0045	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	7,040.64	419.53
23 52 16 13-0046	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	8,037.72	484.11
23 52 16 13-0047	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	9,010.67	580.83
23 52 16 13-0048	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	10,034.90	645.42
23 52 16 13-0049	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	12,611.78	710.00
23 52 16 13-0050	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	16,457.63	774.48
23 52 16 13-0051	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	19,760.74	839.06
23 52 16 13-0052	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	21,933.13	903.55
23 52 16 13-0053	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	23,822.83	968.13
23 52 16 13-0054	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	25,906.20	1,097.18
23 52 16 13-0055	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	36,816.12	1,161.76
23 52 16 13-0056	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	48,920.25	1,355.41
23 52 16 13-0057	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	16,294.24	580.83
23 52 16 13-0058	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	18,907.33	774.58
23 52 16 13-0059	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	24,759.86	871.40
23 52 16 13-0060	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	31,094.68	1,065.05
23 52 16 13-0061	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	36,745.43	1,161.87
23 52 16 13-0062	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	41,556.63	1,258.68
23 52 16 13-0063	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	49,897.06	1,355.51
23 52 16 13-0064	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	55,302.91	1,452.33
23 52 16 13-0065	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	72,759.10	1,549.15
23 52 16 13-0066	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	97,810.81	2,033.26
23 52 16 13-0067		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0068	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) Note: Includes gas PRV and pump delay relay.	60,599.13	1,323.07
23 52 16 13-0069	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) Note: Includes gas PRV and pump delay relay.	72,120.09	1,419.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0070	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	104,335.31	1,581.30
23 52 16 13-0071	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	111,310.34	1,581.30

23 52 16 16 Aluminum Condensing Boilers *(23 52 16)*

23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers *(23 52 16 16)*

Note: Rated by gross rated output.

23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,308.00	419.53
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,143.47	484.11
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	10,289.70	580.83
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	11,553.05	645.42
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	15,052.61	742.24

23 52 16 16-0007 Patterson Kelley Mach Series Aluminum Condensing Boilers *(23 52 16 16)*

Note: Rated by gross rated output.

23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	15,121.77	710.00
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	17,002.32	806.82
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	19,292.90	968.13
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	28,452.34	1,097.18
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	29,728.15	1,161.76
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	45,936.64	1,323.07
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	49,738.47	1,419.90
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	68,306.96	1,548.96
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	84,619.64	1,581.30
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	103,332.68	1,678.12

23 52 16 16-0018 Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)*

Note: Includes standard controls. Rated by gross rated output.

23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,782.25	387.29
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,875.27	451.77
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,062.14	548.59
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,911.64	613.17
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	317.65	96.82
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	420.74	96.82
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	916.74	96.82

23 52 16 16-0026 Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)*

Note: Includes standard controls. Rated by gross rated output.

23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	11,193.32	710.00
23 52 16 16-0028	EA	383 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	13,894.53	742.24
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	27,190.34	871.30
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	25,373.40	871.30
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,592.74	935.89
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	30,775.80	935.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	37,887.30	1,097.18
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	45,894.07	1,161.76
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	47,152.44	1,226.25
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	47,880.14	1,226.25
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	57,666.78	1,258.59
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	58,394.47	1,258.59
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	761.70	96.82
23 52 16 16-0040		Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	16,222.12	710.00
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	18,949.02	774.48
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	23,810.30	855.14
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	27,398.88	935.89
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	32,828.67	1,032.71
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	36,256.52	1,129.52
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	488.99	48.41
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	261.16	48.41
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	376.20	48.41
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	803.48	48.41
23 52 16 19		**Copper Water-Tube Condensing Boilers** *(23 52 16)*		
23 52 16 19-0001		Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)* Note: Rated by gross rated output.		
23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	45,879.53	1,226.25
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	51,744.23	1,355.41
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	56,655.31	1,419.90
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	61,163.66	1,484.48
23 52 16 23		**Cast Iron Condensing Boilers** *(23 52 16)*		
23 52 16 23-0001		Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)* Note: Rated by gross rated output.		
23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,056.86	613.17
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	23,565.97	774.48
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	38,930.50	903.55
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	51,112.96	1,161.76
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	81,294.65	1,355.41
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	74,461.38	1,419.90
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	113,267.15	1,548.96
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	123,941.19	1,581.30
23 52 23		**Cast-Iron Boilers** *(23 52)*		
23 52 23 00-0001		Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	15,796.04	3,067.71
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	17,275.82	3,272.22
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	18,895.72	3,476.73
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	20,401.94	3,681.25
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	21,792.77	3,885.76
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	23,697.73	4,090.27
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	25,169.38	4,294.79
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	26,337.10	4,499.30
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	27,500.54	4,703.82
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	28,844.43	4,908.33
23 52 23 00-0013		**Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	11,279.46	417.33
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	12,543.82	417.33
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	14,368.03	521.67
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	15,657.22	521.67
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	17,252.61	626.00
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	18,957.59	626.00
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	20,631.44	730.34
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	22,001.94	834.67
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	22,952.49	834.67
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	24,496.88	939.01
23 52 23 00-0024		**Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	16,534.78	3,067.71
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,146.61	3,272.22
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,686.76	3,476.73
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,407.41	3,681.25
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,825.69	3,885.76
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,898.01	4,090.27
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	26,199.68	4,294.79
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,465.48	4,499.30
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,630.22	4,703.82
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,009.41	4,908.33
23 52 23 00-0035		**Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	12,018.20	417.33
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	13,414.61	417.33
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	15,159.06	521.67
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	16,662.69	521.67
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	18,285.53	626.00
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	20,157.87	626.00
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	21,661.75	730.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	23,130.31	834.67
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	24,082.17	834.67
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	25,661.87	939.01
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	25,722.81	4,601.56
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	28,415.16	4,882.77
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	31,748.26	5,163.97
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	34,684.74	5,445.18
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	37,237.62	5,726.38
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	40,938.31	6,007.59
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	43,515.24	6,288.80
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	45,794.71	6,570.00
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	48,838.69	6,851.21
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	51,286.56	7,132.41
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	55,290.99	7,413.62
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	57,620.01	7,694.83
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	60,090.46	7,976.03
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	62,843.42	8,257.24
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	65,082.87	8,538.45
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	20,649.74	730.34
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	23,420.57	834.67
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	26,847.77	939.01
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	29,850.03	1,043.33
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	32,062.33	1,043.33
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	35,845.15	1,147.67
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	38,084.90	1,147.67
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	40,442.58	1,252.00
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	43,150.41	1,252.00
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	45,676.77	1,356.34
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	48,123.33	1,460.67
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	50,115.96	1,460.67
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	52,665.82	1,565.01
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	55,080.77	1,565.01
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	57,426.62	1,669.34
23 52 23 00-0079		Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	26,632.83	4,601.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	29,319.95	4,882.77
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	32,888.40	5,163.97
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	35,939.94	5,445.18
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	38,364.68	5,726.38
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	41,994.77	6,007.59
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	45,101.24	6,288.80
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	47,380.71	6,570.00
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	50,393.30	6,851.21
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	53,509.31	7,132.41
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	57,626.18	7,413.62
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	60,741.01	7,694.83
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	62,424.35	7,976.03
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	65,106.71	8,257.24
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	67,370.99	8,538.45
23 52 23 00-0095		Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	21,559.76	730.34
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	24,325.36	834.67
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	27,974.83	939.01
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	31,105.23	1,043.33
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	33,192.01	1,043.33
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	36,901.61	1,147.67
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	39,670.89	1,147.67
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	42,028.58	1,252.00
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	44,705.03	1,252.00
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	47,906.06	1,356.34
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	50,458.52	1,460.67
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	51,929.46	1,460.67
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	54,999.71	1,565.01
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	57,344.05	1,565.01
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	59,688.60	1,669.34
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	70,384.61	8,947.48
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	76,324.96	9,458.76
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	81,748.24	9,970.04
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	87,057.86	10,481.33
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	92,417.02	10,992.62
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	99,238.75	11,503.90
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	104,287.05	12,015.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	109,171.10	12,526.47
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	117,134.36	13,037.75
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	122,015.59	13,549.04
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	126,199.84	14,060.32
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	133,884.78	14,571.60
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	138,806.76	15,082.89
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	146,668.81	15,594.18
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	151,851.35	16,105.46
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	157,524.14	16,616.74
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	162,393.52	17,128.03
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	167,403.52	17,639.31
23 52 23 00-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	63,367.24	1,356.34
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	69,115.24	1,460.67
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	74,342.86	1,565.01
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	79,460.62	1,669.34
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	84,206.84	1,669.34
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	89,201.83	1,773.67
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	93,638.17	1,773.67
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	98,328.37	1,878.01
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	105,680.44	1,878.01
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	110,369.31	1,982.34
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	113,941.40	1,982.34
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	121,434.99	2,086.68
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	125,744.51	2,086.68
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	133,436.85	2,191.01
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	137,983.03	2,191.01
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	143,460.37	2,295.35
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	147,718.90	2,295.35
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	152,534.61	2,399.67
23 52 23 00-0150		Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	66,483.03	8,947.48
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	72,423.38	9,458.76
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	79,653.62	9,970.04
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	84,491.23	10,481.33
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	89,528.75	10,992.62
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	95,990.93	11,503.90
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	101,282.42	12,015.18
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	106,169.08	12,526.47
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	115,065.89	13,037.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	119,948.43	13,549.04
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	124,829.58	14,060.32
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	133,893.93	14,571.60
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	138,815.91	15,082.89
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	146,888.47	15,594.18
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	152,069.70	16,105.46
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	157,630.05	16,616.74
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	162,499.43	17,128.03
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	167,517.27	17,639.31
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	59,253.85	1,356.34
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	65,001.84	1,460.67
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	72,036.43	1,565.01
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	76,682.18	1,669.34
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	81,106.76	1,669.34
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	85,742.18	1,773.67
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	90,421.73	1,773.67
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	95,111.91	1,878.01
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	103,400.16	1,878.01
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	108,087.72	1,982.34
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	112,359.32	1,982.34
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	121,232.33	2,086.68
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	125,541.85	2,086.68
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	133,418.55	2,191.01
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	137,989.57	2,191.01
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	143,354.47	2,295.35
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	147,612.99	2,295.35
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	152,436.55	2,399.67
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	71,611.04	8,947.48
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	77,552.70	9,458.76
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	83,310.70	9,970.04
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	88,752.38	10,481.33
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	94,081.47	10,992.62
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	99,853.28	11,503.90
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	106,328.06	12,015.18
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	111,533.75	12,526.47
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	119,702.28	13,037.75
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	124,583.52	13,549.04
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	128,859.30	14,060.32

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	136,633.15	14,571.60
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	142,862.62	15,082.89
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	151,425.50	15,594.18
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	156,568.81	16,105.46
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	162,484.80	16,616.74
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	167,355.49	17,128.03
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	172,369.40	17,639.31
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	64,689.12	1,356.34
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	70,438.43	1,460.67
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	76,004.69	1,565.01
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	81,251.89	1,669.34
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	85,968.04	1,669.34
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	89,911.80	1,773.67
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	95,774.63	1,773.67
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	100,785.16	1,878.01
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	108,345.12	1,878.01
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	113,031.38	1,982.34
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	116,696.30	1,982.34
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	124,278.80	2,086.68
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	129,897.13	2,086.68
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	138,264.14	2,191.01
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	142,797.24	2,191.01
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	148,516.47	2,295.35
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	152,776.31	2,295.35
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	157,597.25	2,399.67

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	8,910.69	575.12
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,804.25	639.03
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,253.56	766.83
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	14,426.04	798.78
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	16,941.65	958.54
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	20,825.60	1,150.24
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	23,684.06	1,214.15
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	26,244.75	1,310.01
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	28,633.91	1,373.90
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	30,745.99	1,405.86

23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,350.10	1,150.24
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	39,192.10	1,310.01
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	41,759.28	1,405.86
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	59,199.54	1,597.57
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	62,060.42	1,789.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	12,875.47	516.06
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	15,449.80	644.84
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	16,556.46	774.58
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	17,017.23	774.58
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	21,107.11	968.22
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	24,488.73	968.22
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	26,725.64	968.22
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	28,774.22	1,161.87
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	34,037.70	1,355.51
		For High And Low Gas Pressure Switch With Manual Reset, Add	*483.09*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*427.95*	

23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	12,349.56	709.31
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	13,293.07	639.03
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	14,802.07	766.83
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	15,705.80	870.53
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	17,446.24	958.54
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	18,767.65	1,031.74
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	21,450.25	1,150.24
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	24,975.46	1,214.15
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	26,491.16	1,310.01
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	31,761.37	1,341.96
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	31,858.20	1,373.90
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	37,361.12	1,405.86

23 52 33 16 Steel Water-Tube Boilers *(23 52 33)*

23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	81,078.87	1,549.15
23 52 33 16-0003	EA	1,750 MBH Input/1,488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	87,131.50	1,936.45
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	182,503.22	2,130.08
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	189,340.31	2,323.73
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	192,560.27	2,614.20
23 52 33 16-0007	EA	3,750 MBH Input/3,188 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	202,814.90	2,904.66
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	207,406.24	3,001.49

23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF100LSG)	94,659.24	1,742.80
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF150LSG)	99,344.41	2,033.26
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF200LSG)	195,889.94	2,226.91
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF250LSG)	208,003.04	2,420.55
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF300LSG)	212,201.11	2,614.20

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF350LSG)	220,403.62	2,904.66
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF400LSG)	227,833.79	3,098.31
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF500LSG)	224,402.08	3,291.96
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF600LSG)	242,964.99	3,485.60
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF700LSG)	255,665.01	3,679.24
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF800LSG)	262,208.65	3,872.89
23 52 33 16-0021		Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*		
		Note: Compliant with SCAQMD.		
23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	101,987.36	1,742.80
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	108,139.80	2,033.26
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	205,857.09	2,226.91
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	218,263.64	2,420.55
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	222,461.71	2,614.20
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	229,199.01	2,904.66
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	236,916.47	3,098.31
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	232,904.02	3,291.96
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	252,934.19	3,485.60
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	260,943.06	3,679.24
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	272,177.85	3,872.89
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	302,760.04	4,066.53
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	438,439.49	4,260.18
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	460,667.49	4,453.82
23 52 36		**Fire-Box Boiler** *(23 52)*		
23 52 36 00-0001		Package Oil Fired Firebox Boilers *(23 52 36)*		
		Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.		
23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	78,756.74	2,504.01
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	82,330.66	2,712.68
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	86,191.50	2,921.35
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	93,208.91	3,130.01
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	97,356.68	3,338.68
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	101,432.85	3,547.35
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	112,840.70	3,756.01
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	130,591.66	4,173.35
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	148,643.99	4,590.68
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	163,069.99	5,060.18
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	177,496.13	5,529.69
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	186,548.30	6,468.69
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	227,381.08	7,407.70
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	269,218.20	8,346.70
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	311,479.27	9,390.04
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	352,788.17	10,172.54
23 52 39		**Fire-Tube Boilers** *(23 52)*		
23 52 39 13		**Scotch Marine Boilers** *(23 52 39)*		
23 52 39 13-0001		15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*		
		Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0002		15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler	62,744.93	1,147.67
		Note: Burnham Series 3. Fire tested factory assembled unit.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,536.80	1,252.00
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,354.07	1,356.34
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,622.62	1,565.01
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,283.79	1,669.34
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,037.62	1,773.67
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,631.83	1,825.84
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,459.31	1,878.01
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,414.88	2,086.68
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,523.91	2,295.35
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	128,905.66	2,530.10
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,285.28	2,764.85
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	147,922.78	3,234.34
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,933.30	3,703.84
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	194,766.93	4,173.35
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	229,363.94	4,642.85
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	278,654.16	5,112.35
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	326,047.00	5,581.86
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	371,419.86	6,051.36
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	414,968.75	6,520.86
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	646,563.70	6,990.36
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	703,506.25	7,459.86
23 52 39 13-0025		15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,141.38	1,147.67
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	62,586.74	1,252.00
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,973.57	1,356.34
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,048.59	1,565.01
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,247.75	1,669.34
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,442.02	1,773.67
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	83,435.10	1,825.84
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,413.28	1,878.01
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,512.44	2,086.68
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,630.08	2,295.35
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	129,023.32	2,530.10
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,414.41	2,764.85
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	148,057.65	3,234.34
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,099.74	3,703.84
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	194,944.85	4,173.35
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	229,576.29	4,642.85
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	278,912.43	5,112.35
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	326,351.18	5,581.86
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	371,767.08	6,051.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	415,359.02	6,520.86
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	647,180.62	6,990.36
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	704,181.13	7,459.86
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,759.82	1,147.67
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,703.35	1,252.00
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,704.27	1,356.34
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,543.87	1,565.01
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,969.74	1,669.34
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,390.70	1,773.67
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,607.61	1,825.84
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,825.24	1,878.01
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,478.23	2,086.68
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,149.70	2,295.35
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	133,979.11	2,530.10
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	145,803.52	2,764.85
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	153,687.81	3,234.34
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	186,986.78	3,703.84
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	202,371.37	4,173.35
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	238,368.74	4,642.85
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	289,682.04	5,112.35
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	339,017.59	5,581.86
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	386,249.95	6,051.36
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	431,578.00	6,520.86
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	672,983.60	6,990.36
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	732,277.89	7,459.86
23 52 39 13-0071		125 PSI Water Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0072		125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0073	EA	40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,294.71	1,252.00
23 52 39 13-0074	EA	50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	83,380.45	1,356.34
23 52 39 13-0075	EA	60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,561.65	1,565.01
23 52 39 13-0076	EA	70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	96,276.07	1,669.34
23 52 39 13-0077	EA	80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	103,131.94	1,773.67
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,590.01	1,825.84
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	116,929.88	1,878.01
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	125,439.06	2,086.68
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	136,747.36	2,295.35
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,451.78	2,530.10
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	150,575.66	2,764.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	182,294.85	3,234.34
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	212,256.48	3,703.84
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	228,754.47	4,173.35
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	255,233.38	4,642.85
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	309,347.40	5,112.35
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	362,143.70	5,581.86
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	412,690.45	6,051.36
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	461,192.27	6,520.86
23 52 39 13-0092	EA	900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	720,093.07	6,990.36
23 52 39 13-0093	EA	1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	783,577.44	7,459.86
23 52 39 13-0094		**125 PSI Oil Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	68,808.04	1,252.00
23 52 39 13-0096	EA	50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,205.07	1,356.34
23 52 39 13-0097	EA	60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,511.26	1,565.01
23 52 39 13-0098	EA	70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,582.90	1,669.34
23 52 39 13-0099	EA	80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,646.76	1,773.67
23 52 39 13-0100	EA	90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,506.57	1,825.84
23 52 39 13-0101	EA	100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,261.15	1,878.01
23 52 39 13-0102	EA	125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	125,556.71	2,086.68
23 52 39 13-0103	EA	150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	136,873.62	2,295.35
23 52 39 13-0104	EA	175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,586.65	2,530.10
23 52 39 13-0105	EA	200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	150,716.27	2,764.85
23 52 39 13-0106	EA	250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	182,464.16	3,234.34
23 52 39 13-0107	EA	300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	212,454.48	3,703.84
23 52 39 13-0108	EA	350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	228,966.82	4,173.35
23 52 39 13-0109	EA	400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	255,471.56	4,642.85
23 52 39 13-0110	EA	500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	309,637.23	5,112.35
23 52 39 13-0111	EA	600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	362,485.18	5,581.86
23 52 39 13-0112	EA	700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	413,080.71	6,051.36
23 52 39 13-0113	EA	800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	461,628.45	6,520.86
23 52 39 13-0114	EA	900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	720,784.51	6,990.36
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	784,330.99	7,459.86
23 52 39 13-0116		**125 PSI Gas/Oil Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	76,693.70	1,252.00
23 52 39 13-0118	EA	50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,077.88	1,356.34
23 52 39 13-0119	EA	60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,019.52	1,565.01
23 52 39 13-0120	EA	70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,547.41	1,669.34
23 52 39 13-0121	EA	80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,070.41	1,773.67
23 52 39 13-0122	EA	90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	112,389.36	1,825.84
23 52 39 13-0123	EA	100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	118,709.03	1,878.01
23 52 39 13-0124	EA	125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	130,440.77	2,086.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0125	EA	150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	142,193.86	2,295.35
23 52 39 13-0126	EA	175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,231.15	2,530.10
23 52 39 13-0127	EA	200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	156,535.82	2,764.85
23 52 39 13-0128	EA	250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	189,529.11	3,234.34
23 52 39 13-0129	EA	300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	220,690.23	3,703.84
23 52 39 13-0130	EA	350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	237,810.93	4,173.35
23 52 39 13-0131	EA	400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	265,342.98	4,642.85
23 52 39 13-0132	EA	500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	321,689.55	5,112.35
23 52 39 13-0133	EA	600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	376,658.13	5,581.86
23 52 39 13-0134	EA	700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	429,285.34	6,051.36
23 52 39 13-0135	EA	800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	479,775.80	6,520.86
23 52 39 13-0136	EA	900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	749,655.52	6,990.36
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	815,764.91	7,459.86
23 52 39 13-0138		**150 PSI Steam Scotch Marine Boilers** *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139		**150 PSI Gas Fired Steam Scotch Marine Boilers** *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,295.38	1,252.00
23 52 39 13-0141	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,731.10	1,356.34
23 52 39 13-0142	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,731.40	1,565.01
23 52 39 13-0143	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,365.36	1,669.34
23 52 39 13-0144	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,120.69	1,773.67
23 52 39 13-0145	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,432.29	1,825.84
23 52 39 13-0146	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,645.79	1,878.01
23 52 39 13-0147	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	131,938.70	2,086.68
23 52 39 13-0148	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,025.00	2,295.35
23 52 39 13-0149	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	164,540.35	2,530.10
23 52 39 13-0150	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,053.57	2,764.85
23 52 39 13-0151	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	188,418.58	3,234.34
23 52 39 13-0152	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	229,471.21	3,703.84
23 52 39 13-0153	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	248,169.68	4,173.35
23 52 39 13-0154	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	292,607.05	4,642.85
23 52 39 13-0155	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	356,124.75	5,112.35
23 52 39 13-0156	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	417,153.93	5,581.86
23 52 39 13-0157	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	475,586.34	6,051.36
23 52 39 13-0158	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	531,635.21	6,520.86
23 52 39 13-0159	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	832,148.85	6,990.36
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	905,586.75	7,459.86
23 52 39 13-0161		**150 PSI Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,858.87	1,252.00
23 52 39 13-0163	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,737.89	1,356.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0164	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,382.58	1,565.01
23 52 39 13-0165	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,419.66	1,669.34
23 52 39 13-0166	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,448.98	1,773.67
23 52 39 13-0167	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,274.24	1,825.84
23 52 39 13-0168	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,982.80	1,878.01
23 52 39 13-0169	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,062.09	2,086.68
23 52 39 13-0170	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,165.61	2,295.35
23 52 39 13-0171	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	164,695.31	2,530.10
23 52 39 13-0172	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,222.88	2,764.85
23 52 39 13-0173	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	188,593.62	3,234.34
23 52 39 13-0174	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	229,686.43	3,703.84
23 52 39 13-0175	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	248,402.12	4,173.35
23 52 39 13-0176	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	292,882.53	4,642.85
23 52 39 13-0177	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	356,460.50	5,112.35
23 52 39 13-0178	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	417,549.93	5,581.86
23 52 39 13-0179	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	476,036.87	6,051.36
23 52 39 13-0180	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	532,140.26	6,520.86
23 52 39 13-0181	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	832,952.09	6,990.36
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	906,464.51	7,459.86
23 52 39 13-0183		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,110.46	1,252.00
23 52 39 13-0185	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,787.23	1,356.34
23 52 39 13-0186	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,527.88	1,565.01
23 52 39 13-0187	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	105,857.67	1,669.34
23 52 39 13-0188	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,179.68	1,773.67
23 52 39 13-0189	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,300.52	1,825.84
23 52 39 13-0190	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,419.20	1,878.01
23 52 39 13-0191	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,218.77	2,086.68
23 52 39 13-0192	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	156,039.68	2,295.35
23 52 39 13-0193	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	171,134.70	2,530.10
23 52 39 13-0194	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	186,230.44	2,764.85
23 52 39 13-0195	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	195,913.97	3,234.34
23 52 39 13-0196	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	238,639.58	3,703.84
23 52 39 13-0197	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	258,055.46	4,173.35
23 52 39 13-0198	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	304,312.15	4,642.85
23 52 39 13-0199	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	370,464.15	5,112.35
23 52 39 13-0200	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	434,015.70	5,581.86
23 52 39 13-0201	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	494,864.31	6,051.36
23 52 39 13-0202	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	553,226.08	6,520.86
23 52 39 13-0203	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	866,493.47	6,990.36
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	942,986.98	7,459.86

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 Heating Boiler Feedwater Equipment *(23 50)*					
23 53 13 Boiler Feedwater Pumps *(23 53)*		See CSI section 23 53 16 00-0001 for boiler feedwater units.			
23 53 16 Deaerators *(23 53)*					
23 53 16 00-0001 Boiler Feed System *(23 53 16)*					
23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*		Note: With deaerator includes pumps and accessories.			
23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		6,315.86	1,209.89
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		6,817.10	1,425.37
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		7,323.59	1,475.31
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		7,557.42	1,529.44
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		7,996.92	1,634.56
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		12,803.62	1,771.21
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		14,447.61	1,892.10
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		16,562.89	2,154.88
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		18,227.34	2,312.56
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System		19,638.40	2,470.23
23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*		Note: With deaerator includes pumps and accessories.			
23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		8,774.54	1,031.51
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		9,140.46	1,209.89
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		10,170.36	1,425.37
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		10,992.73	1,475.31
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		11,184.28	1,529.44
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		13,503.16	1,634.56
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		17,577.00	1,771.21
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		18,029.13	1,892.10
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		19,834.41	2,026.23
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		21,344.40	2,154.88
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		22,833.24	2,312.56
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System		24,633.34	2,470.23
23 53 16 00-0026 Boiler Feedwater System *(23 53 16)*		Note: With deaerator includes pumps and accessories.			
23 53 16 00-0027	EA	1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		10,961.08	1,425.37
23 53 16 00-0028	EA	2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		14,297.37	1,632.98
23 53 16 00-0029	EA	4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		18,879.59	1,868.97
23 53 16 00-0030	EA	6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		22,715.08	2,155.93
23 53 16 00-0031	EA	8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		24,106.83	2,312.56
23 53 16 00-0032	EA	11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		25,430.26	2,470.23
23 53 16 00-0033	EA	13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		28,308.32	2,838.25
23 53 16 00-0034	EA	17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		36,626.67	3,258.81
23 53 16 00-0035	EA	20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		47,570.55	3,765.48
23 53 16 00-0036	EA	27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		60,240.64	4,322.38
23 53 16 00-0037	EA	34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories		77,231.83	4,973.05
23 53 16 00-0038 Duplex Vacuum Condensate Pumps *(23 53 16)*					
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.		30,591.60	840.93
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.		31,277.02	893.49
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.		32,067.96	946.05
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.		30,982.39	998.61
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.		42,090.62	1,051.17
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.		44,305.93	1,103.72
23 54 Furnaces *(23 50)*		Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.			
23 54 13 Electric-Resistance Furnaces *(23 54)*					
23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*					
23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.		1,278.35	94.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,700.40	118.22
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	2,218.88	141.88
23 54 13 00-0005		Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,278.35	94.58
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,540.60	106.40
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,680.31	118.22
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,747.69	130.06
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	2,218.88	141.88
23 54 13 00-0011		Heating Coil For Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	226.01	28.89
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	259.66	31.77
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	281.26	34.66
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	393.27	37.55
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	424.91	40.43
23 54 16		**Fuel-Fired Furnaces** *(23 54)*		
23 54 16 13		**Gas-Fired Furnaces** *(23 54 16)*		
23 54 16 13-0001		Natural Gas Fired Forced Air Furnaces *(23 54 16 13)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0002		Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,123.07	82.76
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,250.71	94.58
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,601.36	106.40
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,031.44	130.06
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,229.40	141.88
23 54 16 13-0008		Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,380.20	82.76
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,600.27	94.58
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,747.55	106.40
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	2,786.48	118.22
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,234.35	130.06
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,402.18	141.88
23 54 16 13-0015		Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,078.77	82.76
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,387.24	94.58
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,562.18	118.22
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,730.01	130.06
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,773.96	82.76
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,909.66	94.58
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,238.21	106.40
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,513.60	130.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,761.79	141.88
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,877.95	82.76
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,967.44	94.58
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,193.53	106.40
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,213.62	106.40
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,411.58	118.22
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,533.21	130.06
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,678.94	141.88
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,261.19	82.76
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,372.77	94.58
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,572.75	106.40
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,574.76	106.40
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,726.52	118.22
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,757.73	130.06
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,957.71	141.88
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,281.28	82.76
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,378.80	94.58
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,663.15	106.40
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,828.97	118.22
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,294.66	70.93
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,636.80	88.71
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	2,063.62	70.93
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	2,203.79	76.89
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	2,173.19	82.76
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	2,233.10	88.71
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,317.62	88.71
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,589.59	184.44
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,872.71	227.00
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,223.03	326.31
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,634.74	368.87
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,238.85	425.63
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,634.53	510.75
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,232.99	681.00
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,912.64	184.44
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,190.94	227.00
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,660.19	326.31
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,150.65	368.87
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,129.24	425.63
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,600.46	510.75
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,145.88	681.00

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*			
23 54 16 16-0001		Oil Fired Forced Air Furnaces *(23 54 16 16)*			
		Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.			
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*			
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace		3,737.37	94.58
		Note: Blower cooling capacity up to 3 tons.			
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace		3,923.44	130.06
		Note: Blower cooling capacity up to 4 tons.			
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace		4,522.27	153.70
		Note: Blower cooling capacity up to 5 tons.			
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*			
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace		4,297.11	130.06
		Note: Blower cooling capacity up to 3 tons.			
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace		4,295.26	153.70
		Note: Blower cooling capacity up to 5 tons.			
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*			
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace		3,686.37	130.06
		Note: Blower cooling capacity up to 4 tons.			
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace		4,377.63	153.70
		Note: Blower cooling capacity up to 5 tons.			
23 54 19		**Furnace Accessories** *(23 54)*			
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit		178.18	23.64
23 54 19 00-0002	EA	1" Furnace External Filter Rack		55.21	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace		437.88	
		Note: Includes storage and cleaning. Excludes ductwork.			
23 55		Fuel-Fired Heaters *(23 50)*			
23 55 23		**Gas-Fired Radiant Heaters** *(23 55)*			
23 55 23 13		**Low-Intensity Gas-Fired Radiant Heaters** *(23 55 23)*			
23 55 23 13-0001		Infrared Heaters-Radiant Energy *(23 55 23 13)*			
		Note: For spot localized or total heating, ceiling hung units, no fan required.			
23 55 23 13-0002		Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*			
		Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.			
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan		790.30	105.12
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan		879.54	115.63
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan		936.80	115.63
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan		1,171.89	138.76
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan		1,181.54	138.76
23 55 23 13-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*			
		Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.			
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		861.76	104.04
		For Stainless Steel Housing, Add	*136.62*		
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		920.61	104.04
		For Stainless Steel Housing, Add	*151.33*		
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		987.87	104.04
		For Stainless Steel Housing, Add	*168.15*		
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		1,068.73	104.04
		For Stainless Steel Housing, Add	*188.36*		
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		1,165.89	113.50
		For Stainless Steel Housing, Add	*209.89*		
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		1,244.96	122.95
		For Stainless Steel Housing, Add	*226.04*		
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required		1,993.23	132.42
		For Stainless Steel Housing, Add	*403.63*		
23 55 23 13-0016		Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*			
		Note: Per Tube Length. Includes controls and supports.			
23 55 23 13-0017		"U" Package *(23 55 23 13-0016)*			
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater		76.17	5.25
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater		87.94	6.31
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater		107.31	7.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 23 13-0021		"S" Straight Package *(23 55 23 13-0016)*		
23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	61.99	4.20
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	78.75	5.25
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	95.52	6.31
23 55 33		**Fuel-Fired Unit Heaters** *(23 55)*		
23 55 33 00-0001		Oil-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0002		Oil Fired Unit Heater *(23 55 33 00-0001)*		
23 55 33 00-0003		Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 00-0002)*		
23 55 33 00-0004	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,660.24	484.11
23 55 33 00-0005	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,147.29	532.52
23 55 33 00-0006	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,678.89	580.93
23 55 33 00-0007		Gas-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0008		Removal And Reinstallation Of Unit Heaters *(23 55 33 00-0007)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0009	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	604.42	
23 55 33 00-0010	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	814.65	
23 55 33 00-0011		Gas Fired Unit Heaters *(23 55 33 00-0007)*		
23 55 33 00-0012		Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 00-0011)*		
23 55 33 00-0013	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,678.58	181.54
23 55 33 00-0014	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,841.59	217.85
23 55 33 00-0015	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,869.14	217.85
23 55 33 00-0016	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,045.43	254.16
23 55 33 00-0017	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,252.54	290.47
23 55 33 00-0018	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,416.75	308.62
23 55 33 00-0019	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,486.23	308.62
23 55 33 00-0020	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,426.69	308.62
23 55 33 00-0021	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,876.50	326.77
23 55 33 00-0022	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,147.76	326.77
23 55 33 00-0023	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,372.70	326.77
23 55 33 00-0024	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,025.45	363.09
23 55 33 00-0025	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,534.89	363.09
23 55 33 00-0026	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,867.66	399.39
23 57		Heat Exchangers for HVAC *(23 50)*		
23 57 13		**Steam-To-Steam Heat Exchangers** *(23 57)*		
23 57 13 00-0001		Steam Generator Heat Exchanger *(23 57 13)* Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	20,196.66	1,681.86
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	27,339.38	1,786.98
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	36,928.58	2,235.67
23 57 16		**Steam-To-Water Heat Exchangers** *(23 57)*		
23 57 16 00-0001		Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)* Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,354.72	262.79
		For Bronze Head And Tube Sheet, Add	*901.95*	
		For Copper Nickel Tubes, Add	*200.43*	
		For Double Wall Tube Bundles, Add	*300.65*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,455.60	262.79
		For Bronze Head And Tube Sheet, Add	*1,365.81*	
		For Copper Nickel Tubes, Add	*303.51*	
		For Double Wall Tube Bundles, Add	*455.27*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,221.44	367.91
		For Bronze Head And Tube Sheet, Add	*2,113.14*	
		For Copper Nickel Tubes, Add	*469.59*	
		For Double Wall Tube Bundles, Add	*704.38*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,209.50	367.91
		For Bronze Head And Tube Sheet, Add	*3,221.25*	
		For Copper Nickel Tubes, Add	*715.83*	
		For Double Wall Tube Bundles, Add	*1,073.75*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,820.21	433.08
		For Bronze Head And Tube Sheet, Add	*4,277.82*	
		For Copper Nickel Tubes, Add	*950.63*	
		For Double Wall Tube Bundles, Add	*1,425.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	14,243.86	554.23
		For Bronze Head And Tube Sheet, Add	*5,617.85*	
		For Copper Nickel Tubes, Add	*1,248.41*	
		For Double Wall Tube Bundles, Add	*1,872.62*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,577.85	831.88
		For Bronze Head And Tube Sheet, Add	*6,880.59*	
		For Copper Nickel Tubes, Add	*1,529.02*	
		For Double Wall Tube Bundles, Add	*2,293.53*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	26,682.50	831.88
		For Bronze Head And Tube Sheet, Add	*10,720.31*	
		For Copper Nickel Tubes, Add	*2,382.29*	
		For Double Wall Tube Bundles, Add	*3,573.44*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	3,716.00	262.79
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	4,961.05	262.79
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	6,622.42	315.35
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	9,009.51	341.63
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	9,865.48	341.63
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	12,875.08	367.91
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	13,575.41	367.91
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	16,793.05	420.47
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	20,555.41	473.02
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	21,333.56	473.02
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	26,433.78	561.51
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	31,917.26	617.57
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	36,855.90	673.61

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,812.85	262.79
		For Copper Nickel Tubes, Add	*246.25*	
		For Double Wall Tube Bundles, Add	*369.37*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,913.73	262.79
		For Copper Nickel Tubes, Add	*349.33*	
		For Double Wall Tube Bundles, Add	*523.99*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,851.38	367.91
		For Copper Nickel Tubes, Add	*532.58*	
		For Double Wall Tube Bundles, Add	*798.87*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,374.50	367.91
		For Copper Nickel Tubes, Add	*767.37*	
		For Double Wall Tube Bundles, Add	*1,151.06*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,363.04	420.47
		For Copper Nickel Tubes, Add	*944.90*	
		For Double Wall Tube Bundles, Add	*1,417.35*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	13,819.68	420.47
		For Copper Nickel Tubes, Add	*1,271.32*	
		For Double Wall Tube Bundles, Add	*1,906.98*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,151.27	415.93
		For Copper Nickel Tubes, Add	*1,580.56*	
		For Double Wall Tube Bundles, Add	*2,370.84*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	21,333.76	415.93
		For Copper Nickel Tubes, Add	*1,969.97*	
		For Double Wall Tube Bundles, Add	*2,954.96*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	27,277.01	415.93
		For Copper Nickel Tubes, Add	*2,519.73*	
		For Double Wall Tube Bundles, Add	*3,779.60*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,176.93	210.24
		For Copper Nickel Tubes, Add	*275.65*	
		For Double Wall Tube Bundles, Add	*413.47*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,496.51	350.36
		For Copper Nickel Tubes, Add	*779.57*	
		For Double Wall Tube Bundles, Add	*1,169.36*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	11,451.26	457.05
		For Copper Nickel Tubes, Add	*1,053.88*	
		For Double Wall Tube Bundles, Add	*1,580.82*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,274.54	553.22
		For Copper Nickel Tubes, Add	*1,117.04*	
		For Double Wall Tube Bundles, Add	*1,675.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	14,819.92	660.62
		For Copper Nickel Tubes, Add	*1,347.74*	
		For Double Wall Tube Bundles, Add	*2,021.61*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	584.61	99.66
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	690.89	99.66
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	935.58	124.53
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,154.80	124.53
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	1,287.66	124.53
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,305.37	129.56
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,313.12	129.56
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,441.56	139.52
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	1,550.07	149.49
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,689.56	159.45
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,917.63	159.45
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,150.13	169.42
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	2,196.65	179.39
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,233.16	184.33
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	3,386.34	964.93
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,069.08	1,102.72
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	6,751.96	1,240.62
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	8,891.05	1,343.91
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	11,030.45	1,447.39
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	13,236.54	1,736.86
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	15,905.00	1,866.79
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	18,463.62	1,973.71
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	24,157.88	2,226.78
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	28,453.03	2,285.17
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	35,552.45	2,343.48
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	37,328.57	2,372.73
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	39,030.43	2,401.87
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	42,216.21	2,460.18
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	45,109.46	2,518.67
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	48,372.75	2,885.76
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	50,683.34	2,950.35
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	52,661.19	2,987.91
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	54,427.26	3,080.35
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	55,857.73	3,144.93
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	57,319.88	3,231.12
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	58,703.93	3,265.85
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	60,118.03	3,319.90
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	61,799.35	3,543.80
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	63,427.29	3,734.84

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,026.06	99.66
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,061.25	99.66
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,146.26	124.53
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,181.43	124.53
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,199.02	124.53
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,237.13	129.56
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,275.83	129.56
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,369.64	139.52
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,459.95	149.49
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,585.40	159.45
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,655.77	159.45
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,781.23	169.42
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,117.80	179.39
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,321.24	184.33

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,902.32	496.25
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,553.97	620.30
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,301.42	755.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,857.57	868.43
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,094.98	964.93
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,516.98	1,085.54
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	18,792.43	1,240.62
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	24,204.33	1,240.62
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	29,902.86	1,447.39
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	33,672.92	1,550.77
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,579.52	1,625.19
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	36,573.49	1,705.47
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,615.91	1,712.08
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,513.56	1,792.66
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,430.99	1,866.79

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,239.25	159.27
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,299.60	169.52
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,331.91	179.30
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,358.09	184.42
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,682.95	232.84
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,196.32	349.27
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	3,657.81	407.49
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	4,098.98	465.70
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	4,953.46	558.83
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	5,837.93	628.69
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	6,844.02	698.55
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	9,640.84	931.39
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	10,878.97	1,164.24
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	11,645.32	1,397.09

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	42,698.89	2,372.73
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	44,004.68	2,401.87
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	46,836.28	2,460.18
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	49,637.83	2,518.67
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	53,582.71	2,885.76
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	56,868.93	2,950.35
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	60,085.32	2,987.91
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	63,410.95	3,080.35
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	66,699.89	3,144.93
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	71,327.40	3,231.12
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	74,566.30	3,265.85
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	76,071.70	3,319.90
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	85,408.17	3,543.80
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	94,622.45	3,734.84

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	6,763.67	860.61
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	15,097.42	922.08
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	26,575.35	983.55
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	31,492.54	1,045.03
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	37,374.57	1,106.50
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	41,420.09	1,229.44
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	42,624.62	1,387.64
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	45,945.30	1,652.34
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	49,023.17	1,790.04
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	56,194.47	1,927.73
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	63,534.51	2,134.27
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	67,154.33	2,219.35
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	75,831.00	2,358.06
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	82,890.93	2,496.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0016		Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)* Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.		
23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	6,452.09	860.61
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	13,324.01	922.08
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	20,838.11	983.55
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	22,507.74	1,045.03
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	24,177.38	1,106.50
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	28,663.19	1,229.44
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	32,485.84	1,387.64
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	41,772.59	1,652.34
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	46,854.02	1,790.04
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	50,723.59	1,927.73
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	58,323.12	2,134.27
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	61,777.64	2,219.35
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	67,772.69	2,358.06
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	77,298.51	2,496.77
23 62 13 00-0031		Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)* Note: With remote air cooled condenser rated by cooling capacity. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.		
23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	35,101.70	8,028.24
		For Gas Fired Engine Driven, Add	*5,816.71*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	39,429.41	8,462.18
		For Gas Fired Engine Driven, Add	*6,617.19*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	45,563.06	9,208.76
		For Gas Fired Engine Driven, Add	*7,731.98*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	50,771.62	9,784.37
		For Gas Fired Engine Driven, Add	*8,687.40*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	62,986.12	10,796.53
		For Gas Fired Engine Driven, Add	*10,978.55*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	69,247.02	11,182.08
		For Gas Fired Engine Driven, Add	*12,172.92*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	75,216.56	12,042.26
		For Gas Fired Engine Driven, Add	*13,237.87*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	90,928.06	12,884.80
		For Gas Fired Engine Driven, Add	*16,229.72*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	91,991.40	13,141.85
		For Gas Fired Engine Driven, Add	*16,427.98*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	93,767.32	13,713.29
		For Gas Fired Engine Driven, Add	*16,697.50*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	103,764.61	14,336.64
		For Gas Fired Engine Driven, Add	*18,603.50*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	114,538.02	15,019.36
		For Gas Fired Engine Driven, Add	*20,655.83*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	126,713.76	15,770.28
		For Gas Fired Engine Driven, Add	*22,978.39*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	136,872.34	16,600.33
		For Gas Fired Engine Driven, Add	*24,885.67*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	150,790.56	17,522.53
		For Gas Fired Engine Driven, Add	*27,531.05*	
23 62 23		**Packaged Water-Cooled Refrigerant Compressor and Condenser Units** *(23 62)*		
23 62 23 00-0001		Water Cooled Condensing Units *(23 62 23)* Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.		
23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	7,492.70	672.91
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	11,370.20	982.74
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	13,027.54	1,065.05
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	16,161.16	1,278.05
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	17,438.76	1,503.65
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	37,154.37	2,264.34
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	46,122.10	2,732.86
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	63,892.51	2,990.17
23 63		Refrigerant Condensers *(23 60)*		
23 63 13		**Air-Cooled Refrigerant Condensers** *(23 63)*		
23 63 13 00-0001		Air Cooled Condensing Units *(23 63 13)* Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	4,932.84	672.91
		For >10 To 25, Deduct	*-117.41*	
		For >25 To 50, Deduct	*-195.68*	
		For >50, Deduct	*-313.09*	
		For Low Ambient Protection, 0 Degree F, Add	*763.57*	
		For Winter Start Control, Add	*258.46*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	5,906.66	798.78
		For >10 To 25, Deduct	*-140.89*	
		For >25 To 50, Deduct	*-234.82*	
		For >50, Deduct	*-375.71*	
		For Low Ambient Protection, 0 Degree F, Add	*678.28*	
		For Winter Start Control, Add	*214.95*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,667.37	982.74
		For >10 To 25, Deduct	*-185.33*	
		For >25 To 50, Deduct	*-308.89*	
		For >50, Deduct	*-494.22*	
		For Low Ambient Protection, 0 Degree F, Add	*804.84*	
		For Winter Start Control, Add	*272.51*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	9,444.76	1,022.44
		For >10 To 25, Deduct	*-236.87*	
		For >25 To 50, Deduct	*-394.78*	
		For >50, Deduct	*-631.65*	
		For Low Ambient Protection, 0 Degree F, Add	*939.98*	
		For Winter Start Control, Add	*312.83*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,227.12	1,065.05
		For >10 To 25, Deduct	*-288.40*	
		For >25 To 50, Deduct	*-480.67*	
		For >50, Deduct	*-769.07*	
		For Low Ambient Protection, 0 Degree F, Add	*980.23*	
		For Winter Start Control, Add	*257.50*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,449.65	1,278.05
		For >10 To 25, Deduct	*-375.40*	
		For >25 To 50, Deduct	*-625.66*	
		For >50, Deduct	*-1,001.06*	
		For Low Ambient Protection, 0 Degree F, Add	*1,234.90*	
		For Winter Start Control, Add	*318.78*	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	16,422.63	1,374.87
		For >10 To 25, Deduct	*-430.24*	
		For >25 To 50, Deduct	*-717.07*	
		For >50, Deduct	*-1,147.31*	
		For Low Ambient Protection, 0 Degree F, Add	*1,309.10*	
		For Winter Start Control, Add	*351.54*	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	18,818.37	1,500.74
		For >10 To 25, Deduct	*-496.43*	
		For >25 To 50, Deduct	*-827.38*	
		For >50, Deduct	*-1,323.81*	
		For Low Ambient Protection, 0 Degree F, Add	*1,395.06*	
		For Winter Start Control, Add	*392.55*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,865.75	1,801.17
		For >10 To 25, Deduct	*-692.64*	
		For >25 To 50, Deduct	*-1,154.40*	
		For >50, Deduct	*-1,847.04*	
		For Low Ambient Protection, 0 Degree F, Add	*1,848.85*	
		For Winter Start Control, Add	*508.66*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	31,426.14	2,264.34
		For >10 To 25, Deduct	*-838.02*	
		For >25 To 50, Deduct	*-1,396.70*	
		For >50, Deduct	*-2,234.73*	
		For Low Ambient Protection, 0 Degree F, Add	*1,990.38*	
		For Winter Start Control, Add	*488.88*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	36,166.98	2,499.13
		For >10 To 25, Deduct	*-972.44*	
		For >25 To 50, Deduct	*-1,620.73*	
		For >50, Deduct	*-2,593.16*	
		For Low Ambient Protection, 0 Degree F, Add	*2,234.69*	
		For Winter Start Control, Add	*537.32*	
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	46,765.77	2,732.86
		For >10 To 25, Deduct	*-1,276.54*	
		For >25 To 50, Deduct	*-2,127.56*	
		For >50, Deduct	*-3,404.10*	
		For Low Ambient Protection, 0 Degree F, Add	*2,755.69*	
		For Winter Start Control, Add	*634.21*	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	64,423.19	2,460.64
		For >10 To 25, Deduct	*-1,782.42*	
		For >25 To 50, Deduct	*-2,970.70*	
		For >50, Deduct	*-4,753.13*	
		For Low Ambient Protection, 0 Degree F, Add	*3,034.70*	
		For Winter Start Control, Add	*797.98*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	79,249.51	2,544.05
		For >10 To 25, Deduct	*-2,222.12*	
		For >25 To 50, Deduct	*-3,703.53*	
		For >50, Deduct	*-5,925.65*	
		For Low Ambient Protection, 0 Degree F, Add	*3,516.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0016		**Air Cooled Condensing Units** *(23 63 13)* Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.		
23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,920.35	307.34
		For >10 To 25, Deduct	*-43.78*	
		For >25 To 50, Deduct	*-72.97*	
		For >50, Deduct	*-116.75*	
		For 15 SEER, Add	*350.24*	
		For 16 SEER, Add	*598.33*	
		For 18 SEER, Add	*1,255.04*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,064.55	341.65
		For >10 To 25, Deduct	*-46.57*	
		For >25 To 50, Deduct	*-77.62*	
		For >50, Deduct	*-124.19*	
		For 15 SEER, Add	*372.56*	
		For 16 SEER, Add	*636.46*	
		For 18 SEER, Add	*1,335.00*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,189.84	375.82
		For >10 To 25, Deduct	*-48.79*	
		For >25 To 50, Deduct	*-81.32*	
		For >50, Deduct	*-130.11*	
		For 15 SEER, Add	*390.34*	
		For 16 SEER, Add	*666.82*	
		For 18 SEER, Add	*1,398.70*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,516.86	409.77
		For >10 To 25, Deduct	*-57.07*	
		For >25 To 50, Deduct	*-95.11*	
		For >50, Deduct	*-152.18*	
		For 15 SEER, Add	*456.53*	
		For 16 SEER, Add	*779.90*	
		For 18 SEER, Add	*1,635.89*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,664.21	444.14
		For >10 To 25, Deduct	*-59.95*	
		For >25 To 50, Deduct	*-99.92*	
		For >50, Deduct	*-159.87*	
		For 15 SEER, Add	*479.60*	
		For 16 SEER, Add	*819.32*	
		For 18 SEER, Add	*1,718.56*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,970.75	478.31
		For >10 To 25, Deduct	*-67.61*	
		For >25 To 50, Deduct	*-112.68*	
		For >50, Deduct	*-180.29*	
		For 15 SEER, Add	*540.87*	
		For 16 SEER, Add	*923.99*	
		For 18 SEER, Add	*1,938.13*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,355.20	512.22
		For >10 To 25, Deduct	*-77.61*	
		For >25 To 50, Deduct	*-129.34*	
		For >50, Deduct	*-206.95*	
		For 15 SEER, Add	*620.85*	
		For 16 SEER, Add	*1,060.62*	
		For 18 SEER, Add	*2,224.72*	
23 63 13 00-0024		**Removal And Reinstallation Of AC Condensing Unit** *(23 63 13)* Note: Includes storage and cleaning.		
23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	315.28	
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit	1,182.29	
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit	2,034.08	

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001		**Packaged, Steam Driven, Water Cooled Absorption Chillers** *(23 64 13 16)* Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.		
23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	194,013.48	10,953.01
		For Two Stage Unit, Add	*127,047.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	244,989.92	12,609.92
		For Two Stage Unit, Add	*161,405.01*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	310,600.32	13,555.66
		For Two Stage Unit, Add	*206,575.69*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	345,002.01	14,501.41
		For Two Stage Unit, Add	*229,900.28*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	385,288.39	14,921.74
		For Two Stage Unit, Add	*257,764.48*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	434,020.85	15,447.15
		For Two Stage Unit, Add	*291,456.87*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	465,414.53	15,972.57
		For Two Stage Unit, Add	*313,012.12*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	553,789.73	16,813.23
		For Two Stage Unit, Add	*374,202.23*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	619,860.98	17,338.64
		For Two Stage Unit, Add	*420,031.77*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	750,952.63	17,864.05
		For Two Stage Unit, Add	*511,375.59*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	814,160.31	19,125.04
		For Two Stage Unit, Add	*554,612.19*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	872,823.16	20,280.95
		For Two Stage Unit, Add	*594,751.45*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	936,316.81	21,684.92
		For Two Stage Unit, Add	*638,073.83*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,071,855.92	22,213.82
		For Two Stage Unit, Add	*732,485.77*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,173,986.79	23,483.19
		For Two Stage Unit, Add	*803,004.21*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,371,163.66	24,540.99
		For Two Stage Unit, Add	*940,181.77*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,602,816.79	25,281.45
		For Two Stage Unit, Add	*1,101,746.61*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	221,197.46	5,819.70
		For 5 Year Parts Only Compressor Warranty, Add	*6,156.00*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	313,976.66	7,807.12
		For 5 Year Parts Only Compressor Warranty, Add	*12,312.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	392,714.99	8,256.66
		For 5 Year Parts Only Compressor Warranty, Add	*18,468.00*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	148,060.07	5,995.50
		For 208/230 Voltage Motor Rating, Add	*5,537.17*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	161,877.06	6,147.33
		For 208/230 Voltage Motor Rating, Add	*6,079.97*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	178,578.61	6,303.59
		For 208/230 Voltage Motor Rating, Add	*6,738.11*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	194,872.50	6,556.32
		For 208/230 Voltage Motor Rating, Add	*7,373.63*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	210,789.50	6,926.52
		For 208/230 Voltage Motor Rating, Add	*7,986.52*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	226,124.42	7,286.64
		For 208/230 Voltage Motor Rating, Add	*8,576.79*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	240,955.40	7,686.17
		For 208/230 Voltage Motor Rating, Add	*9,144.35*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	255,189.46	8,065.20
		For 208/230 Voltage Motor Rating, Add	*9,689.36*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	268,802.51	8,410.81
		For 208/230 Voltage Motor Rating, Add	*10,211.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller	281,733.03	8,683.72
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*10,711.36*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller	294,350.43	9,113.92
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*11,188.42*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller	306,276.06	9,465.54
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*11,642.85*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller	317,628.61	9,812.62
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*12,074.65*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller	328,289.80	10,081.42
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*12,483.82*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller	347,624.01	10,438.91
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*13,234.22*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller	364,485.71	10,665.89
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*13,894.11*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller	379,565.32	11,193.09
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*14,463.42*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller	392,394.85	11,728.27
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*14,942.21*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller	403,051.29	12,317.05
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*15,330.63*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller	428,124.82	12,911.30
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*16,295.39*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller	453,021.10	13,503.65
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*17,253.19*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller	477,831.46	14,152.84
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*18,203.89*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller	502,568.08	14,867.62
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*19,147.43*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller	527,012.09	15,678.94
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*20,083.80*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller	571,727.75	18,091.15
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*21,719.09*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller	614,760.79	20,510.23
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*23,286.63*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller	655,366.41	22,469.81
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*24,786.29*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller	693,078.03	23,676.34
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*26,218.06*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller	729,025.11	24,843.41
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*27,581.75*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller	762,581.40	25,563.56
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*28,878.23*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller	796,125.56	27,347.01
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*30,106.62*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller	827,258.28	28,681.01
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*31,267.13*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller	857,324.44	30,411.78
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*32,359.75*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller	884,672.44	31,497.94
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*33,384.63*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller	942,217.20	33,280.85
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*35,650.02*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller	993,349.30	35,277.67
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		For 208/230 Voltage Motor Rating, Add	*37,491.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0038		**Magnetic Bearing, Water Cooled Centrifugal Water Chillers** *(23 64 16 16)* Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	139,222.27	5,043.96
		For 5 Year Parts Only Compressor Warranty, Add	*6,156.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	175,325.66	5,862.56
		For 5 Year Parts Only Compressor Warranty, Add	*6,156.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	219,636.58	5,995.50
		For 5 Year Parts Only Compressor Warranty, Add	*12,312.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	286,075.93	6,926.52
		For 5 Year Parts Only Compressor Warranty, Add	*12,312.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	288,306.81	6,556.32
		For 5 Year Parts Only Compressor Warranty, Add	*18,468.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	432,598.07	8,683.72
		For 5 Year Parts Only Compressor Warranty, Add	*18,468.00*	
		For Marine Water Box Connections, Add	*4,546.92*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	383,242.90	8,065.20
		For 5 Year Parts Only Compressor Warranty, Add	*22,572.00*	
		For Marine Water Box Connections, Add	*6,333.21*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	532,532.55	10,438.91
		For 5 Year Parts Only Compressor Warranty, Add	*22,572.00*	
		For Marine Water Box Connections, Add	*6,333.21*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	477,043.84	9,113.92
		For 5 Year Parts Only Compressor Warranty, Add	*26,676.00*	
		For Marine Water Box Connections, Add	*6,333.21*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	638,537.56	11,193.09
		For 5 Year Parts Only Compressor Warranty, Add	*26,676.00*	
		For Marine Water Box Connections, Add	*6,333.21*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	568,067.33	10,081.42
		For 5 Year Parts Only Compressor Warranty, Add	*30,780.00*	
		For Marine Water Box Connections, Add	*6,657.99*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	731,922.16	12,911.30
		For 5 Year Parts Only Compressor Warranty, Add	*30,780.00*	
		For Marine Water Box Connections, Add	*6,657.99*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001		**Packaged Air Cooled Scroll Water Chillers** *(23 64 23 13)* Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.		
23 64 23 13-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	22,989.71	1,531.82
23 64 23 13-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	33,635.19	1,551.46
23 64 23 13-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	36,705.22	1,659.47
23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	40,376.56	1,777.30
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	41,043.70	1,895.14
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	43,312.58	2,032.61
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	49,512.14	2,199.54
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	53,174.46	2,386.11
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	56,144.91	2,454.83
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	58,639.52	2,562.85
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	60,609.31	2,651.22
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	69,917.37	2,985.09
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	75,266.03	3,269.85
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	76,631.82	3,279.67
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	81,063.90	3,289.48
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	85,378.21	3,299.30
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	89,746.16	3,309.12
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	94,339.02	3,318.94

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001		**Packaged Water Cooled Scroll Water Chillers** *(23 64 23 16)* Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	26,132.63	1,917.09
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	30,015.10	1,975.01
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	33,292.81	2,168.16
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	41,017.00	2,795.52
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	45,367.98	3,063.60
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	47,715.15	3,384.89

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	99,651.66	3,760.81
		For Aluminum Fins Instead Of Copper, Deduct	*-1,410.23*	
		For 208/230 Voltage Motor Rating, Add	*3,760.61*	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	107,094.29	4,084.85
		For Aluminum Fins Instead Of Copper, Deduct	*-1,514.65*	
		For 208/230 Voltage Motor Rating, Add	*4,039.07*	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	112,658.67	4,261.60
		For Aluminum Fins Instead Of Copper, Deduct	*-1,593.99*	
		For 208/230 Voltage Motor Rating, Add	*4,250.65*	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	116,799.19	4,585.63
		For Aluminum Fins Instead Of Copper, Deduct	*-1,648.88*	
		For 208/230 Voltage Motor Rating, Add	*4,397.03*	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	125,367.34	4,811.49
		For Aluminum Fins Instead Of Copper, Deduct	*-1,772.40*	
		For 208/230 Voltage Motor Rating, Add	*4,726.40*	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	133,252.52	4,909.68
		For Aluminum Fins Instead Of Copper, Deduct	*-1,888.32*	
		For 208/230 Voltage Motor Rating, Add	*5,035.52*	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	140,677.87	5,076.60
		For Aluminum Fins Instead Of Copper, Deduct	*-1,996.02*	
		For 208/230 Voltage Motor Rating, Add	*5,322.72*	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	145,183.97	5,184.61
		For Aluminum Fins Instead Of Copper, Deduct	*-2,061.11*	
		For 208/230 Voltage Motor Rating, Add	*5,496.28*	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	153,331.37	5,292.64
		For Aluminum Fins Instead Of Copper, Deduct	*-2,180.81*	
		For 208/230 Voltage Motor Rating, Add	*5,815.50*	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	160,060.29	5,459.56
		For Aluminum Fins Instead Of Copper, Deduct	*-2,278.06*	
		For 208/230 Voltage Motor Rating, Add	*6,074.84*	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	168,795.09	5,675.58
		For Aluminum Fins Instead Of Copper, Deduct	*-2,404.23*	
		For 208/230 Voltage Motor Rating, Add	*6,411.27*	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	176,461.54	5,793.42
		For Aluminum Fins Instead Of Copper, Deduct	*-2,516.72*	
		For 208/230 Voltage Motor Rating, Add	*6,711.25*	
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	189,202.25	5,891.61
		For Aluminum Fins Instead Of Copper, Deduct	*-2,705.47*	
		For 208/230 Voltage Motor Rating, Add	*7,214.59*	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	197,669.87	5,950.52
		For Aluminum Fins Instead Of Copper, Deduct	*-2,831.31*	
		For 208/230 Voltage Motor Rating, Add	*7,550.16*	
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller	206,137.49	5,999.63
		For Aluminum Fins Instead Of Copper, Deduct	*-2,957.14*	
		For 208/230 Voltage Motor Rating, Add	*7,885.72*	
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller	231,481.42	6,117.46
		For Aluminum Fins Instead Of Copper, Deduct	*-3,334.65*	
		For 208/230 Voltage Motor Rating, Add	*8,892.41*	
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller	244,231.94	6,235.29
		For Aluminum Fins Instead Of Copper, Deduct	*-3,523.41*	
		For 208/230 Voltage Motor Rating, Add	*9,395.75*	
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller	261,167.18	6,333.48
		For Aluminum Fins Instead Of Copper, Deduct	*-3,775.08*	
		For 208/230 Voltage Motor Rating, Add	*10,066.87*	
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller	286,491.47	6,441.49
		For Aluminum Fins Instead Of Copper, Deduct	*-4,152.59*	
		For 208/230 Voltage Motor Rating, Add	*11,073.56*	
23 64 26 13-0021	EA	350 Ton Packaged Air Cooled Rotary-Screw Water Chiller	312,396.43	6,520.05
		For Aluminum Fins Instead Of Copper, Deduct	*-4,539.25*	
		For 208/230 Voltage Motor Rating, Add	*12,104.65*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 16-0001		**Packaged Water Cooled Helical Rotary Water Chillers** *(23 64 26 16)* Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.		
23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	78,142.54	4,728.72
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	84,907.47	4,912.61
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,777.36	5,043.96
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	95,855.57	5,256.76
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	100,924.32	5,401.25
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	107,103.45	5,552.89
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	121,050.07	5,708.09
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	119,049.11	5,862.56
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	127,990.11	6,007.68
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	132,349.92	6,308.11
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	135,180.80	6,612.32
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	137,011.63	6,753.87
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	148,923.58	6,901.61
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	158,226.43	7,217.50
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,027.96	7,509.63
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	177,274.89	7,807.12
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	194,607.60	8,499.08
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	208,788.61	9,348.16
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	219,833.46	10,283.39

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 **Closed-Circuit, Forced-Draft Cooling Towers** *(23 65 13 16)*

23 65 13 16-0002 **Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers** *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	18,657.30	1,630.01
		For Stainless Steel Cooling Tower, Add	*9,727.37*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	25,745.33	1,993.33
		For Stainless Steel Cooling Tower, Add	*13,662.04*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	32,260.80	2,503.94
		For Stainless Steel Cooling Tower, Add	*16,940.92*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	37,216.75	2,798.52
		For Stainless Steel Cooling Tower, Add	*19,631.69*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	42,539.79	3,152.01
		For Stainless Steel Cooling Tower, Add	*22,483.81*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	47,832.71	3,534.96
		For Stainless Steel Cooling Tower, Add	*25,294.28*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	53,685.38	3,937.56
		For Stainless Steel Cooling Tower, Add	*28,417.03*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	58,654.23	4,438.35
		For Stainless Steel Cooling Tower, Add	*30,915.23*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	63,890.85	4,929.32
		For Stainless Steel Cooling Tower, Add	*33,579.98*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	69,914.33	5,832.69
		For Stainless Steel Cooling Tower, Add	*36,328.00*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	75,966.63	6,461.14
		For Stainless Steel Cooling Tower, Add	*39,346.66*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	80,045.15	6,873.55
		For Stainless Steel Cooling Tower, Add	*41,428.49*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	84,819.27	7,276.14
		For Stainless Steel Cooling Tower, Add	*43,874.65*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	89,465.70	7,629.64
		For Stainless Steel Cooling Tower, Add	*46,320.80*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	94,796.27	7,983.13
		For Stainless Steel Cooling Tower, Add	*49,183.32*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	100,437.80	8,415.19
		For Stainless Steel Cooling Tower, Add	*52,149.94*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	106,850.19	8,847.23
		For Stainless Steel Cooling Tower, Add	*55,584.96*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	113,087.49	9,220.37
		For Stainless Steel Cooling Tower, Add	*58,967.94*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	119,334.58	9,593.51
		For Stainless Steel Cooling Tower, Add	*62,350.92*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	131,249.44	9,996.10
		For Stainless Steel Cooling Tower, Add	*69,116.88*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	144,205.21	10,388.87
		For Stainless Steel Cooling Tower, Add	*76,507.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	149,488.36	10,604.90
		For Stainless Steel Cooling Tower, Add	*79,630.14*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	155,812.41	10,742.37
		For Stainless Steel Cooling Tower, Add	*83,377.44*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	163,095.51	11,292.25
		For Stainless Steel Cooling Tower, Add	*87,228.83*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	171,592.99	11,842.14
		For Stainless Steel Cooling Tower, Add	*91,808.87*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	180,169.04	12,441.12
		For Stainless Steel Cooling Tower, Add	*96,388.90*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	190,132.98	13,040.10
		For Stainless Steel Cooling Tower, Add	*101,801.67*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	200,407.87	13,727.45
		For Stainless Steel Cooling Tower, Add	*107,318.53*	
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower	212,060.83	14,414.82
		For Stainless Steel Cooling Tower, Add	*113,668.12*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers *(23 65 14 13)*

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	9,482.55	1,099.76
		For Polymer Coating Over Galvanized Components, Add	*1,174.94*	
		For Stainless Steel Support Structure, Add	*2,349.87*	
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	11,259.46	1,188.14
		For Polymer Coating Over Galvanized Components, Add	*1,420.85*	
		For Stainless Steel Support Structure, Add	*2,841.70*	
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	13,479.26	1,335.43
		For Polymer Coating Over Galvanized Components, Add	*1,721.42*	
		For Stainless Steel Support Structure, Add	*3,442.83*	
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	14,960.59	1,472.90
		For Polymer Coating Over Galvanized Components, Add	*1,912.68*	
		For Stainless Steel Support Structure, Add	*3,825.37*	
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	17,746.50	1,630.01
		For Polymer Coating Over Galvanized Components, Add	*2,295.22*	
		For Stainless Steel Support Structure, Add	*4,590.44*	
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	20,673.78	1,757.66
		For Polymer Coating Over Galvanized Components, Add	*2,706.33*	
		For Stainless Steel Support Structure, Add	*5,412.66*	
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	23,741.56	1,993.33
		For Polymer Coating Over Galvanized Components, Add	*3,114.94*	
		For Stainless Steel Support Structure, Add	*6,229.89*	
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	29,528.39	2,503.94
		For Polymer Coating Over Galvanized Components, Add	*3,825.37*	
		For Stainless Steel Support Structure, Add	*7,650.74*	
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	32,185.65	2,798.52
		For Polymer Coating Over Galvanized Components, Add	*4,153.26*	
		For Stainless Steel Support Structure, Add	*8,306.52*	
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	49,370.22	3,152.01
		For Polymer Coating Over Galvanized Components, Add	*6,645.52*	
		For Stainless Steel Support Structure, Add	*13,291.03*	
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	59,718.36	3,937.56
		For Polymer Coating Over Galvanized Components, Add	*8,009.21*	
		For Stainless Steel Support Structure, Add	*16,018.41*	
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	76,996.79	6,461.14
		For Polymer Coating Over Galvanized Components, Add	*9,991.19*	
		For Stainless Steel Support Structure, Add	*19,982.38*	

23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14 13)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	29,528.39	2,503.94
		For Polymer Coating Over Galvanized Components, Add	*3,825.37*	
		For Stainless Steel Support Structure, Add	*7,650.74*	
23 65 14 13-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	39,373.66	3,152.01
		For Polymer Coating Over Galvanized Components, Add	*5,146.03*	
		For Stainless Steel Support Structure, Add	*10,292.06*	
23 65 14 13-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	50,042.17	3,937.56
		For Polymer Coating Over Galvanized Components, Add	*6,557.78*	
		For Stainless Steel Support Structure, Add	*13,115.55*	
23 65 14 13-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	59,328.16	4,929.32
		For Polymer Coating Over Galvanized Components, Add	*7,710.59*	
		For Stainless Steel Support Structure, Add	*15,421.18*	
23 65 14 13-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	70,389.05	6,461.14
		For Polymer Coating Over Galvanized Components, Add	*9,000.03*	
		For Stainless Steel Support Structure, Add	*18,000.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	78,443.65	7,276.14
		For Polymer Coating Over Galvanized Components, Add	*10,012.32*	
		For Stainless Steel Support Structure, Add	*20,024.64*	
23 65 14 13-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	87,509.85	7,983.13
		For Polymer Coating Over Galvanized Components, Add	*11,202.87*	
		For Stainless Steel Support Structure, Add	*22,405.73*	
23 65 14 13-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	99,216.80	8,847.23
		For Polymer Coating Over Galvanized Components, Add	*12,751.23*	
		For Stainless Steel Support Structure, Add	*25,502.46*	
23 65 14 13-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	111,961.42	9,593.51
		For Polymer Coating Over Galvanized Components, Add	*14,481.76*	
		For Stainless Steel Support Structure, Add	*28,963.51*	
23 65 14 13-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	119,972.84	10,113.93
		For Polymer Coating Over Galvanized Components, Add	*15,587.73*	
		For Stainless Steel Support Structure, Add	*31,175.46*	
23 65 14 13-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	128,638.30	10,388.87
		For Polymer Coating Over Galvanized Components, Add	*16,791.81*	
		For Stainless Steel Support Structure, Add	*33,583.62*	
23 65 14 13-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	146,183.93	10,742.37
		For Polymer Coating Over Galvanized Components, Add	*19,400.09*	
		For Stainless Steel Support Structure, Add	*38,800.18*	
23 65 14 13-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	160,316.39	11,842.14
		For Polymer Coating Over Galvanized Components, Add	*21,260.73*	
		For Stainless Steel Support Structure, Add	*42,521.45*	
23 65 14 13-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	177,121.51	13,040.10
		For Polymer Coating Over Galvanized Components, Add	*23,498.70*	
		For Stainless Steel Support Structure, Add	*46,997.39*	

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,029.63	1,099.76
		For Polymer Coating Over Galvanized Components, Add	*957.00*	
		For Stainless Steel Support Structure, Add	*1,913.99*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,679.06	1,119.41
		For Polymer Coating Over Galvanized Components, Add	*1,051.47*	
		For Stainless Steel Support Structure, Add	*2,102.93*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,438.57	1,217.60
		For Polymer Coating Over Galvanized Components, Add	*1,141.83*	
		For Stainless Steel Support Structure, Add	*2,283.65*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,060.33	1,276.51
		For Polymer Coating Over Galvanized Components, Add	*1,371.83*	
		For Stainless Steel Support Structure, Add	*2,743.67*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	12,545.18	1,335.43
		For Polymer Coating Over Galvanized Components, Add	*1,581.30*	
		For Stainless Steel Support Structure, Add	*3,162.61*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,994.90	1,404.16
		For Polymer Coating Over Galvanized Components, Add	*1,782.56*	
		For Stainless Steel Support Structure, Add	*3,565.12*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,325.29	1,472.90
		For Polymer Coating Over Galvanized Components, Add	*1,967.39*	
		For Stainless Steel Support Structure, Add	*3,934.78*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	16,802.40	1,551.46
		For Polymer Coating Over Galvanized Components, Add	*2,172.75*	
		For Stainless Steel Support Structure, Add	*4,345.51*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	18,244.38	1,630.01
		For Polymer Coating Over Galvanized Components, Add	*2,369.90*	
		For Stainless Steel Support Structure, Add	*4,739.81*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,086.99	1,757.66
		For Polymer Coating Over Galvanized Components, Add	*2,768.31*	
		For Stainless Steel Support Structure, Add	*5,536.62*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	24,168.29	1,895.14
		For Polymer Coating Over Galvanized Components, Add	*3,199.58*	
		For Stainless Steel Support Structure, Add	*6,399.15*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	25,592.72	1,993.33
		For Polymer Coating Over Galvanized Components, Add	*3,392.62*	
		For Stainless Steel Support Structure, Add	*6,785.24*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	27,134.96	2,160.25
		For Polymer Coating Over Galvanized Components, Add	*3,585.66*	
		For Stainless Steel Support Structure, Add	*7,171.32*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,266.49	2,327.19
		For Polymer Coating Over Galvanized Components, Add	*3,717.09*	
		For Stainless Steel Support Structure, Add	*7,434.19*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	30,367.32	2,503.94
		For Polymer Coating Over Galvanized Components, Add	*3,951.21*	
		For Stainless Steel Support Structure, Add	*7,902.42*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,577.96	2,798.52
		For Polymer Coating Over Galvanized Components, Add	*4,062.11*	
		For Stainless Steel Support Structure, Add	*8,124.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	36,692.87	3,152.01
		For Polymer Coating Over Galvanized Components, Add	*4,743.91*	
		For Stainless Steel Support Structure, Add	*9,487.83*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	40,532.74	3,534.96
		For Polymer Coating Over Galvanized Components, Add	*5,228.57*	
		For Stainless Steel Support Structure, Add	*10,457.15*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,632.06	3,937.56
		For Polymer Coating Over Galvanized Components, Add	*5,446.26*	
		For Stainless Steel Support Structure, Add	*10,892.52*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	49,296.98	4,438.35
		For Polymer Coating Over Galvanized Components, Add	*6,325.22*	
		For Stainless Steel Support Structure, Add	*12,650.44*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	54,035.34	4,929.32
		For Polymer Coating Over Galvanized Components, Add	*6,916.67*	
		For Stainless Steel Support Structure, Add	*13,833.34*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	57,696.72	5,832.69
		For Polymer Coating Over Galvanized Components, Add	*7,249.36*	
		For Stainless Steel Support Structure, Add	*14,498.72*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	62,222.81	6,461.14
		For Polymer Coating Over Galvanized Components, Add	*7,775.09*	
		For Stainless Steel Support Structure, Add	*15,550.18*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	71,140.96	7,276.14
		For Polymer Coating Over Galvanized Components, Add	*8,916.92*	
		For Stainless Steel Support Structure, Add	*17,833.83*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	78,431.10	7,983.13
		For Polymer Coating Over Galvanized Components, Add	*9,841.05*	
		For Stainless Steel Support Structure, Add	*19,682.11*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	86,688.48	8,847.23
		For Polymer Coating Over Galvanized Components, Add	*10,871.98*	
		For Stainless Steel Support Structure, Add	*21,743.97*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	94,467.93	9,593.51
		For Polymer Coating Over Galvanized Components, Add	*11,857.73*	
		For Stainless Steel Support Structure, Add	*23,715.47*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	108,066.30	10,388.87
		For Polymer Coating Over Galvanized Components, Add	*13,706.01*	
		For Stainless Steel Support Structure, Add	*27,412.02*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	121,394.10	10,742.37
		For Polymer Coating Over Galvanized Components, Add	*15,681.61*	
		For Stainless Steel Support Structure, Add	*31,363.23*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	135,717.98	11,842.14
		For Polymer Coating Over Galvanized Components, Add	*17,570.97*	
		For Stainless Steel Support Structure, Add	*35,141.93*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	149,596.57	13,040.10
		For Polymer Coating Over Galvanized Components, Add	*19,369.96*	
		For Stainless Steel Support Structure, Add	*38,739.91*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	163,165.25	14,414.82
		For Polymer Coating Over Galvanized Components, Add	*21,082.69*	
		For Stainless Steel Support Structure, Add	*42,165.39*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	178,685.45	15,111.99
		For Polymer Coating Over Galvanized Components, Add	*23,247.23*	
		For Stainless Steel Support Structure, Add	*46,494.47*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	193,653.90	15,760.06
		For Polymer Coating Over Galvanized Components, Add	*25,337.84*	
		For Stainless Steel Support Structure, Add	*50,675.68*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	205,933.55	17,115.12
		For Polymer Coating Over Galvanized Components, Add	*26,861.64*	
		For Stainless Steel Support Structure, Add	*53,723.29*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	217,795.30	18,568.39
		For Polymer Coating Over Galvanized Components, Add	*28,299.19*	
		For Stainless Steel Support Structure, Add	*56,598.39*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	229,209.71	20,100.20
		For Polymer Coating Over Galvanized Components, Add	*29,650.49*	
		For Stainless Steel Support Structure, Add	*59,300.98*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	239,748.82	21,484.74
		For Polymer Coating Over Galvanized Components, Add	*30,907.32*	
		For Stainless Steel Support Structure, Add	*61,814.64*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	250,009.58	23,065.65
		For Polymer Coating Over Galvanized Components, Add	*32,073.79*	
		For Stainless Steel Support Structure, Add	*64,147.58*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	260,088.06	24,892.07
		For Polymer Coating Over Galvanized Components, Add	*33,154.01*	
		For Stainless Steel Support Structure, Add	*66,308.01*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	269,526.99	26,718.45
		For Polymer Coating Over Galvanized Components, Add	*34,139.75*	
		For Stainless Steel Support Structure, Add	*68,279.51*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	279,431.74	29,212.58
		For Polymer Coating Over Galvanized Components, Add	*35,039.25*	
		For Stainless Steel Support Structure, Add	*70,078.50*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	82,051.34	2,503.94
		For Induced Draft Counter Flow Type, Add	*3,901.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	93,005.04	2,778.88
		For Induced Draft Counter Flow Type, Add	*4,425.39*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	101,630.37	3,152.01
		For Induced Draft Counter Flow Type, Add	*4,828.18*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	112,916.17	3,937.56
		For Induced Draft Counter Flow Type, Add	*5,329.63*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	127,830.08	4,929.32
		For Induced Draft Counter Flow Type, Add	*5,995.29*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	146,647.38	6,461.14
		For Induced Draft Counter Flow Type, Add	*6,812.93*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	159,734.80	7,276.14
		For Induced Draft Counter Flow Type, Add	*7,402.00*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	172,645.44	7,983.13
		For Induced Draft Counter Flow Type, Add	*7,991.07*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	199,213.20	9,593.51
		For Induced Draft Counter Flow Type, Add	*9,189.64*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	225,081.68	10,388.87
		For Induced Draft Counter Flow Type, Add	*10,419.44*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	278,931.81	11,292.25
		For Induced Draft Counter Flow Type, Add	*13,013.75*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	362,194.86	14,414.82
		For Induced Draft Counter Flow Type, Add	*16,979.05*	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	34,415.01	1,630.01
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	48,957.16	1,993.33
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	57,655.12	2,503.94
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	65,365.25	2,798.52
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	71,694.76	3,152.01
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	85,950.43	3,937.56
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	101,113.52	4,929.32
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	119,779.68	6,461.14
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	131,102.33	7,276.14
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	148,674.07	7,983.13
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	172,296.48	9,593.51
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	194,566.32	10,388.87
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	240,816.75	11,292.25
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	306,834.79	14,257.70

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	60,069.42	2,503.94
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	64,989.42	2,798.52
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	70,011.70	3,152.01
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	82,768.14	3,937.56
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	91,149.96	4,929.32

23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers *(23 65 14 16)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 16-0024	EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,970.11	1,021.22
23 65 14 16-0025	EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,179.06	1,070.31
23 65 14 16-0026	EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,857.24	1,099.76
23 65 14 16-0027	EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,489.72	1,119.41
23 65 14 16-0028	EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,185.43	1,217.60
23 65 14 16-0029	EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,599.78	1,276.51
23 65 14 16-0030	EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,587.85	1,335.43
23 65 14 16-0031	EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,902.37	1,472.90
23 65 14 16-0032	EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,050.76	1,630.01
23 65 14 16-0033	EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	12,384.76	1,757.66
23 65 14 16-0034	EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	14,286.03	1,895.14
23 65 14 16-0035	EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	15,552.42	2,160.25
23 65 14 16-0036	EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	18,825.80	2,503.94
23 65 14 16-0037	EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	23,273.42	2,798.52
23 65 14 16-0038	EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	26,137.80	3,152.01
23 65 14 16-0039	EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	31,740.54	3,534.96
23 65 14 16-0040	EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	35,400.63	3,937.56
23 65 14 16-0041	EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	39,126.56	4,438.35
23 65 14 16-0042	EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	42,686.19	4,929.32
23 65 14 16-0043	EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	51,135.75	6,461.14

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0044	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	58,113.70	7,276.14
23 65 14 16-0045	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	64,588.90	7,983.13
23 65 14 16-0046	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	78,525.14	9,397.12
23 65 14 16-0047	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	89,711.30	10,388.87
23 65 14 16-0048	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	95,045.43	7,983.13
23 65 14 16-0049	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	108,755.93	11,842.14
23 65 14 16-0050	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	124,268.52	9,868.45

23 65 43 Cooling Tower Basins and Accessories *(23 65)*

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,199.38
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,356.87
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,334.73
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,562.85
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,693.38
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,880.52
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,067.64
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,096.70
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,318.85
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,641.90
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,967.65
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,184.42
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*

23 65 43 00-0014 Cooling Tower Accessories *(23 65 43)*

23 65 43 00-0015	EA	2" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	33,031.92
23 65 43 00-0016	EA	3" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	38,604.12

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	27,779.36	186.09
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	38,768.09	246.73
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	44,381.10	298.42
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	52,544.54	373.02
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	61,121.72	495.88
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	78,954.00	746.14
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	89,159.87	840.40
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	122,446.96	1,116.27
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	158,461.49	1,297.71

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 72 13 00-0001		**Enthalpy Recovery Wheel** *(23 72 13)*		
23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	9,769.21	700.60
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	10,838.32	840.93
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	13,562.39	1,051.17
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	15,863.14	1,200.95
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	17,559.52	1,261.40
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	21,356.00	1,401.72
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	28,409.59	1,471.63
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	35,412.70	1,576.74
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	42,896.45	1,801.70
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	48,041.44	2,312.56
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	64,435.82	2,627.91
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	76,638.83	3,153.49
23 72 16		**Heat-Pipe Air-To-Air Energy-Recovery Equipment** *(23 72)*		
23 72 16 00-0001		**Glycol Heat Pipe Type, 50 Percent Efficient** *(23 72 16)*		
23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	17,690.98	525.58
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	27,829.48	700.81
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	41,254.83	1,051.17

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0001		**Single Zone Units** *(23 73 13)* Note: Horizontal/vertical draw-thru fan, motor and cabinet.		
23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,299.96	521.22
		For Flat Filter Box And Throwaway Filters, Add	*192.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*363.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*541.07*	
		For Manual Roll Filter, Add	*929.90*	
		For Automatic Roll Filter, Add	*1,007.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*463.30*	
		For Electric Heating Coil, Add	*774.37*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*774.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*696.60*	
		For Steam Heating Coil, Aluminum Fins, Add	*618.83*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*503.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*929.90*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*852.14*	
		For Hot Water Heating Coil, Copper Fins, Add	*618.83*	
		For Variable Air Volume, Add	*217.75*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,161.23*	
		For 2 Coils, Independent Circuits, Add	*261.10*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,644.59	625.47
		For Flat Filter Box And Throwaway Filters, Add	*319.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*612.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*914.81*	
		For Manual Roll Filter, Add	*1,602.76*	
		For Automatic Roll Filter, Add	*1,740.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*777.22*	
		For Electric Heating Coil, Add	*1,327.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,327.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,189.99*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,052.40*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*870.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,602.76*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,465.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,052.40*	
		For Variable Air Volume, Add	*385.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,264.97*	
		For 2 Coils, Independent Circuits, Add	*419.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,121.98	671.73
		For Flat Filter Box And Throwaway Filters, Add	*364.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*699.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,044.68*	
		For Manual Roll Filter, Add	*1,835.29*	
		For Automatic Roll Filter, Add	*1,993.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*886.56*	
		For Electric Heating Coil, Add	*1,519.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,519.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,360.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,202.81*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*996.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,835.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,677.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,202.81*	
		For Variable Air Volume, Add	*442.74*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,311.69*	
		For 2 Coils, Independent Circuits, Add	*475.45*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,652.92	721.81
		For Flat Filter Box And Throwaway Filters, Add	*413.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*796.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,189.61*	
		For Manual Roll Filter, Add	*2,095.01*	
		For Automatic Roll Filter, Add	*2,276.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,008.53*	
		For Electric Heating Coil, Add	*1,732.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,732.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,551.77*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,370.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,138.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,095.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,913.93*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,370.69*	
		For Variable Air Volume, Add	*507.02*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,361.92*	
		For 2 Coils, Independent Circuits, Add	*537.72*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,279.37	776.54
		For Flat Filter Box And Throwaway Filters, Add	*472.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*911.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,362.20*	
		For Manual Roll Filter, Add	*2,405.03*	
		For Automatic Roll Filter, Add	*2,613.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,153.63*	
		For Electric Heating Coil, Add	*1,987.90*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,987.90*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,779.33*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,570.76*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,306.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,405.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,196.46*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,570.76*	
		For Variable Air Volume, Add	*583.98*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,415.64*	
		For 2 Coils, Independent Circuits, Add	*611.36*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,010.16	834.53
		For Flat Filter Box And Throwaway Filters, Add	*541.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,047.05*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,564.62*	
		For Manual Roll Filter, Add	*2,769.13*	
		For Automatic Roll Filter, Add	*3,010.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,323.72*	
		For Electric Heating Coil, Add	*2,287.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,287.32*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,046.42*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,805.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,505.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,769.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,528.22*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,805.52*	
		For Variable Air Volume, Add	*674.52*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,474.50*	
		For 2 Coils, Independent Circuits, Add	*697.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,582.01	897.16
		For Flat Filter Box And Throwaway Filters, Add	*594.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,150.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,718.81*	
		For Manual Roll Filter, Add	*3,044.57*	
		For Automatic Roll Filter, Add	*3,309.73*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,453.66*	
		For Electric Heating Coil, Add	*2,514.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,514.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,249.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,983.96*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,654.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,044.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,779.42*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,983.96*	
		For Variable Air Volume, Add	*742.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,535.27*	
		For 2 Coils, Independent Circuits, Add	*764.26*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,201.39	966.88
		For Flat Filter Box And Throwaway Filters, Add	*651.09*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,260.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,884.23*	
		For Manual Roll Filter, Add	*3,339.33*	
		For Automatic Roll Filter, Add	*3,630.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,593.20*	
		For Electric Heating Coil, Add	*2,757.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,757.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,466.27*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,175.25*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,815.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,339.33*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,048.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,175.25*	
		For Variable Air Volume, Add	*814.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,509.53*	
		For 2 Coils, Independent Circuits, Add	*836.55*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,883.40	1,036.59
		For Flat Filter Box And Throwaway Filters, Add	*714.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,384.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,068.83*	
		For Manual Roll Filter, Add	*3,669.45*	
		For Automatic Roll Filter, Add	*3,989.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,748.71*	
		For Electric Heating Coil, Add	*3,029.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,029.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,709.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,388.96*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,994.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,669.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,349.33*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,388.96*	
		For Variable Air Volume, Add	*896.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,564.51*	
		For 2 Coils, Independent Circuits, Add	*916.39*	
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,511.57	1,114.22
		For Flat Filter Box And Throwaway Filters, Add	*771.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,495.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,235.13*	
		For Manual Roll Filter, Add	*3,965.09*	
		For Automatic Roll Filter, Add	*4,311.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,889.13*	
		For Electric Heating Coil, Add	*3,273.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,273.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,927.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,581.12*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,155.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,965.09*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,619.09*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,581.12*	
		For Variable Air Volume, Add	*968.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,625.45*	
		For 2 Coils, Independent Circuits, Add	*989.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,182.09	1,198.92
		For Flat Filter Box And Throwaway Filters, Add	*832.58*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,613.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,412.12*	
		For Manual Roll Filter, Add	*4,279.51*	
		For Automatic Roll Filter, Add	*4,652.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,038.64*	
		For Electric Heating Coil, Add	*3,532.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,532.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,159.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,785.60*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,326.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,279.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,906.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,785.60*	
		For Variable Air Volume, Add	*1,045.74*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,691.90*	
		For 2 Coils, Independent Circuits, Add	*1,067.60*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,680.76	1,387.77
		For Flat Filter Box And Throwaway Filters, Add	*968.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,878.43*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,807.74*	
		For Manual Roll Filter, Add	*4,982.31*	
		For Automatic Roll Filter, Add	*5,417.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,372.82*	
		For Electric Heating Coil, Add	*4,112.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,112.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,677.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,242.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,708.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,982.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,547.40*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,242.65*	
		For Variable Air Volume, Add	*1,217.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,840.35*	
		For 2 Coils, Independent Circuits, Add	*1,242.04*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,185.12	1,491.37
		For Flat Filter Box And Throwaway Filters, Add	*1,011.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,959.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,929.31*	
		For Manual Roll Filter, Add	*5,192.81*	
		For Automatic Roll Filter, Add	*5,645.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,476.61*	
		For Electric Heating Coil, Add	*4,287.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,287.41*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,834.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,382.01*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,822.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,192.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,740.11*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,382.01*	
		For Variable Air Volume, Add	*1,267.56*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,922.12*	
		For 2 Coils, Independent Circuits, Add	*1,299.59*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,699.40	1,602.78
		For Flat Filter Box And Throwaway Filters, Add	*1,055.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,042.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,051.88*	
		For Manual Roll Filter, Add	*5,404.30*	
		For Automatic Roll Filter, Add	*5,874.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,581.39*	
		For Electric Heating Coil, Add	*4,463.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,463.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,992.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,522.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,937.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,404.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,933.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,522.36*	
		For Variable Air Volume, Add	*1,317.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,009.34*	
		For 2 Coils, Independent Circuits, Add	*1,358.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,829.96	1,850.37
		For Flat Filter Box And Throwaway Filters, Add	*1,150.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,222.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,320.14*	
		For Manual Roll Filter, Add	*5,866.58*	
		For Automatic Roll Filter, Add	*6,375.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,810.86*	
		For Electric Heating Coil, Add	*4,848.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,848.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,338.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,829.43*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,187.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,866.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,357.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,829.43*	
		For Variable Air Volume, Add	*1,426.00*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,997.69*	
		For 2 Coils, Independent Circuits, Add	*1,486.71*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,829.96	1,850.37
		For Flat Filter Box And Throwaway Filters, Add	*1,150.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,222.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,320.14*	
		For Manual Roll Filter, Add	*5,866.58*	
		For Automatic Roll Filter, Add	*6,375.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,810.86*	
		For Electric Heating Coil, Add	*4,848.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,848.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,338.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,829.43*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,187.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,866.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,357.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,829.43*	
		For Variable Air Volume, Add	*1,426.00*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,997.69*	
		For 2 Coils, Independent Circuits, Add	*1,486.71*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,063.23	2,125.31
		For Flat Filter Box And Throwaway Filters, Add	*1,254.49*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,417.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,611.62*	
		For Manual Roll Filter, Add	*6,368.23*	
		For Automatic Roll Filter, Add	*6,919.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,060.29*	
		For Electric Heating Coil, Add	*5,265.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,265.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,714.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,162.94*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,459.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,368.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,816.91*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,162.94*	
		For Variable Air Volume, Add	*1,543.71*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,154.70*	
		For 2 Coils, Independent Circuits, Add	*1,626.85*	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,773.92	2,305.78
		For Flat Filter Box And Throwaway Filters, Add	*1,312.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,526.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,773.23*	
		For Manual Roll Filter, Add	*6,643.02*	
		For Automatic Roll Filter, Add	*7,216.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,199.27*	
		For Electric Heating Coil, Add	*5,495.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,495.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,921.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,347.18*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,608.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,643.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,069.06*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,347.18*	
		For Variable Air Volume, Add	*1,607.08*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,257.90*	
		For 2 Coils, Independent Circuits, Add	*1,706.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,470.90	2,477.14
		For Flat Filter Box And Throwaway Filters, Add	*1,370.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,634.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,933.46*	
		For Manual Roll Filter, Add	*6,916.43*	
		For Automatic Roll Filter, Add	*7,513.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,336.87*	
		For Electric Heating Coil, Add	*5,723.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,723.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,126.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,530.06*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,756.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,916.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,319.84*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,530.06*	
		For Variable Air Volume, Add	*1,670.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,355.61*	
		For 2 Coils, Independent Circuits, Add	*1,785.73*	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,172.02	2,651.75
		For Flat Filter Box And Throwaway Filters, Add	*1,427.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,742.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,094.12*	
		For Manual Roll Filter, Add	*7,190.26*	
		For Automatic Roll Filter, Add	*7,809.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,474.89*	
		For Electric Heating Coil, Add	*5,951.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,951.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,332.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,713.34*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,904.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,190.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,571.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,713.34*	
		For Variable Air Volume, Add	*1,733.84*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,454.98*	
		For 2 Coils, Independent Circuits, Add	*1,864.89*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,979.77	2,854.37
		For Flat Filter Box And Throwaway Filters, Add	*1,494.09*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,865.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,278.37*	
		For Manual Roll Filter, Add	*7,503.85*	
		For Automatic Roll Filter, Add	*8,148.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,633.27*	
		For Electric Heating Coil, Add	*6,213.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,213.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,568.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,923.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,074.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,503.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,858.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,923.46*	
		For Variable Air Volume, Add	*1,806.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,571.13*	
		For 2 Coils, Independent Circuits, Add	*1,956.02*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,799.38	3,058.30
		For Flat Filter Box And Throwaway Filters, Add	*1,560.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,990.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,463.80*	
		For Manual Roll Filter, Add	*7,818.63*	
		For Automatic Roll Filter, Add	*8,489.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,792.83*	
		For Electric Heating Coil, Add	*6,476.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,476.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,805.73*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,134.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,244.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,818.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,147.66*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,134.77*	
		For Variable Air Volume, Add	*1,878.70*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,494.02*	
		For 2 Coils, Independent Circuits, Add	*2,048.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,643.47	3,293.42
		For Flat Filter Box And Throwaway Filters, Add	*1,629.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,116.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,651.69*	
		For Manual Roll Filter, Add	*8,135.86*	
		For Automatic Roll Filter, Add	*8,832.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,954.85*	
		For Electric Heating Coil, Add	*6,742.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,742.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,045.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,348.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,416.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,135.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,439.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,348.52*	
		For Variable Air Volume, Add	*1,951.14*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,592.03*	
		For 2 Coils, Independent Circuits, Add	*2,143.08*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,604.87	3,567.81
		For Flat Filter Box And Throwaway Filters, Add	*1,706.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,259.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,864.23*	
		For Manual Roll Filter, Add	*8,493.92*	
		For Automatic Roll Filter, Add	*9,219.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,138.30*	
		For Electric Heating Coil, Add	*7,042.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,042.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,316.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,590.17*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,609.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,493.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,767.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,590.17*	
		For Variable Air Volume, Add	*2,032.62*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,705.84*	
		For 2 Coils, Independent Circuits, Add	*2,250.86*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,543.84	3,809.25
		For Flat Filter Box And Throwaway Filters, Add	*1,782.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,401.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,074.54*	
		For Manual Roll Filter, Add	*8,849.73*	
		For Automatic Roll Filter, Add	*9,604.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,319.50*	
		For Electric Heating Coil, Add	*7,339.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,339.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,584.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,829.58*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,802.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,849.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,094.69*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,829.58*	
		For Variable Air Volume, Add	*2,114.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,812.92*	
		For 2 Coils, Independent Circuits, Add	*2,356.40*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,642.93	3,688.34
		For Flat Filter Box And Throwaway Filters, Add	*1,801.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,445.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,142.65*	
		For Manual Roll Filter, Add	*8,990.60*	
		For Automatic Roll Filter, Add	*9,760.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,373.06*	
		For Electric Heating Coil, Add	*7,451.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,451.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,681.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,912.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,880.09*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,990.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,221.01*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,912.24*	
		For Variable Air Volume, Add	*2,154.85*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,755.34*	
		For 2 Coils, Independent Circuits, Add	*2,372.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,527.49	4,092.11
		For Flat Filter Box And Throwaway Filters, Add	*1,860.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,545.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,289.31*	
		For Manual Roll Filter, Add	*9,210.01*	
		For Automatic Roll Filter, Add	*9,994.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,505.17*	
		For Electric Heating Coil, Add	*7,641.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,641.73*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,857.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,073.45*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,997.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,210.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,425.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,073.45*	
		For Variable Air Volume, Add	*2,195.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,933.40*	
		For 2 Coils, Independent Circuits, Add	*2,466.41*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,674.30	4,256.49
		For Flat Filter Box And Throwaway Filters, Add	*1,964.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,747.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,591.54*	
		For Manual Roll Filter, Add	*9,746.68*	
		For Automatic Roll Filter, Add	*10,577.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,760.51*	
		For Electric Heating Coil, Add	*8,084.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,084.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,253.60*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,422.57*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,288.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,746.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,915.65*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,422.57*	
		For Variable Air Volume, Add	*2,326.88*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,610.75*	
		For 2 Coils, Independent Circuits, Add	*2,599.84*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,879.27	4,421.32
		For Flat Filter Box And Throwaway Filters, Add	*2,071.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,954.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,899.58*	
		For Manual Roll Filter, Add	*10,289.15*	
		For Automatic Roll Filter, Add	*11,167.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,021.67*	
		For Electric Heating Coil, Add	*8,533.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,533.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,655.41*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,777.50*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,583.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,289.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,411.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,777.50*	
		For Variable Air Volume, Add	*2,458.16*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,664.20*	
		For 2 Coils, Independent Circuits, Add	*2,739.09*	
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,159.59	4,591.37
		For Flat Filter Box And Throwaway Filters, Add	*2,189.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,182.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,241.03*	
		For Manual Roll Filter, Add	*10,897.37*	
		For Automatic Roll Filter, Add	*11,828.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,309.76*	
		For Electric Heating Coil, Add	*9,034.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,034.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,103.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,172.30*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,914.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,897.37*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,966.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,172.30*	
		For Variable Air Volume, Add	*2,607.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,706.85*	
		For 2 Coils, Independent Circuits, Add	*2,888.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,491.86	4,761.61
		For Flat Filter Box And Throwaway Filters, Add	*2,309.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,414.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,587.67*	
		For Manual Roll Filter, Add	*11,510.78*	
		For Automatic Roll Filter, Add	*12,495.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,603.05*	
		For Electric Heating Coil, Add	*9,541.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,541.54*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,556.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,572.30*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,247.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,510.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,526.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,572.30*	
		For Variable Air Volume, Add	*2,756.94*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,759.88*	
		For 2 Coils, Independent Circuits, Add	*3,043.03*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	29,543.90	5,104.78
		For Flat Filter Box And Throwaway Filters, Add	*2,589.54*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,960.18*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,516.13*	
		For Manual Roll Filter, Add	*12,298.11*	
		For Automatic Roll Filter, Add	*12,965.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,479.09*	
		For Electric Heating Coil, Add	*5,624.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,628.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,516.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,403.78*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*5,926.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,853.17*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,740.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,516.13*	
		For Variable Air Volume, Add	*3,114.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,011.96*	
		For 2 Coils, Independent Circuits, Add	*3,399.33*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,786.33	5,501.56
		For Flat Filter Box And Throwaway Filters, Add	*2,884.24*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,531.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,503.26*	
		For Manual Roll Filter, Add	*13,736.00*	
		For Automatic Roll Filter, Add	*14,482.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,768.48*	
		For Electric Heating Coil, Add	*6,266.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,748.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,503.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,258.33*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,619.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,238.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,993.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,503.26*	
		For Variable Air Volume, Add	*3,485.79*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,115.37*	
		For 2 Coils, Independent Circuits, Add	*3,776.60*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	36,333.16	5,894.82
		For Flat Filter Box And Throwaway Filters, Add	*3,211.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,171.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,609.74*	
		For Manual Roll Filter, Add	*15,353.71*	
		For Automatic Roll Filter, Add	*16,190.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,423.89*	
		For Electric Heating Coil, Add	*6,982.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,005.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,609.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,214.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,397.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,795.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,400.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,609.74*	
		For Variable Air Volume, Add	*3,906.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,209.80*	
		For 2 Coils, Independent Circuits, Add	*4,191.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	44,764.51	6,348.57
		For Flat Filter Box And Throwaway Filters, Add	*4,023.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,774.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,401.10*	
		For Manual Roll Filter, Add	*19,469.87*	
		For Automatic Roll Filter, Add	*20,540.83*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,046.31*	
		For Electric Heating Coil, Add	*8,760.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,186.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,401.10*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,616.17*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,377.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,755.90*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,970.96*	
		For Hot Water Heating Coil, Copper Fins, Add	*13,401.10*	
		For Variable Air Volume, Add	*4,997.81*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,321.53*	
		For 2 Coils, Independent Circuits, Add	*5,190.42*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	50,028.01	6,776.16
		For Flat Filter Box And Throwaway Filters, Add	*4,519.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,748.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,091.54*	
		For Manual Roll Filter, Add	*21,951.88*	
		For Automatic Roll Filter, Add	*23,162.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,038.30*	
		For Electric Heating Coil, Add	*9,845.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,109.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,091.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,073.79*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,572.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,144.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,127.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*15,091.54*	
		For Variable Air Volume, Add	*5,649.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,215.96*	
		For 2 Coils, Independent Circuits, Add	*5,809.90*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	54,815.89	7,296.92
		For Flat Filter Box And Throwaway Filters, Add	*4,960.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,608.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,580.82*	
		For Manual Roll Filter, Add	*24,128.29*	
		For Automatic Roll Filter, Add	*25,460.20*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,921.28*	
		For Electric Heating Coil, Add	*10,809.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,800.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,580.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,360.97*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,620.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,240.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,020.51*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,580.82*	
		For Variable Air Volume, Add	*6,215.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,327.85*	
		For 2 Coils, Independent Circuits, Add	*6,369.53*	
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	60,147.04	8,839.81
		For Flat Filter Box And Throwaway Filters, Add	*5,448.70*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,557.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,221.43*	
		For Manual Roll Filter, Add	*26,522.00*	
		For Automatic Roll Filter, Add	*27,986.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,897.39*	
		For Electric Heating Coil, Add	*11,873.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,662.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,221.43*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,780.08*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,772.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,545.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,104.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,221.43*	
		For Variable Air Volume, Add	*6,835.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,463.02*	
		For 2 Coils, Independent Circuits, Add	*6,991.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	64,740.80	8,404.90
		For Flat Filter Box And Throwaway Filters, Add	*5,874.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,387.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,658.96*	
		For Manual Roll Filter, Add	*28,624.68*	
		For Automatic Roll Filter, Add	*30,206.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,748.03*	
		For Electric Heating Coil, Add	*12,802.82*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,295.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,658.96*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,021.98*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*13,784.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,569.89*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,932.91*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,658.96*	
		For Variable Air Volume, Add	*7,383.53*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,565.19*	
		For 2 Coils, Independent Circuits, Add	*7,528.87*	
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	69,830.72	8,991.19
		For Flat Filter Box And Throwaway Filters, Add	*6,338.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,290.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,218.86*	
		For Manual Roll Filter, Add	*30,899.20*	
		For Automatic Roll Filter, Add	*32,607.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,677.39*	
		For Electric Heating Coil, Add	*13,816.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,066.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,218.86*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,371.70*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,880.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,760.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,913.18*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,218.86*	
		For Variable Air Volume, Add	*7,972.04*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,440.95*	
		For 2 Coils, Independent Circuits, Add	*8,121.94*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	75,371.54	9,707.97
		For Flat Filter Box And Throwaway Filters, Add	*6,843.70*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,271.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,912.78*	
		For Manual Roll Filter, Add	*33,368.20*	
		For Automatic Roll Filter, Add	*35,213.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,687.40*	
		For Electric Heating Coil, Add	*14,917.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,987.90*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,912.78*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,837.65*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,069.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,138.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,063.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*22,912.78*	
		For Variable Air Volume, Add	*8,610.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,563.63*	
		For 2 Coils, Independent Circuits, Add	*8,767.20*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	78,517.53	10,163.95
		For Flat Filter Box And Throwaway Filters, Add	*7,127.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,819.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,857.92*	
		For Manual Roll Filter, Add	*34,742.12*	
		For Automatic Roll Filter, Add	*36,662.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,254.22*	
		For Electric Heating Coil, Add	*15,534.71*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,059.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,857.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,656.69*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,730.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,461.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,260.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,857.92*	
		For Variable Air Volume, Add	*8,963.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,641.61*	
		For 2 Coils, Independent Circuits, Add	*9,132.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	81,483.91	10,554.87
		For Flat Filter Box And Throwaway Filters, Add	*7,395.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,338.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,752.77*	
		For Manual Roll Filter, Add	*36,043.75*	
		For Automatic Roll Filter, Add	*38,036.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,790.14*	
		For Electric Heating Coil, Add	*16,118.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*28,073.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*24,752.77*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,431.90*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,357.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*34,715.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*31,394.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*24,752.77*	
		For Variable Air Volume, Add	*9,298.45*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,713.30*	
		For 2 Coils, Independent Circuits, Add	*9,476.74*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	87,862.31	11,271.56
		For Flat Filter Box And Throwaway Filters, Add	*7,980.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,478.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*26,724.46*	
		For Manual Roll Filter, Add	*38,922.45*	
		For Automatic Roll Filter, Add	*41,075.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,961.52*	
		For Electric Heating Coil, Add	*17,396.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,312.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,724.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,136.81*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,743.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*37,487.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,899.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*26,724.46*	
		For Variable Air Volume, Add	*10,045.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,843.68*	
		For 2 Coils, Independent Circuits, Add	*10,221.29*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,135.47	12,053.40
		For Flat Filter Box And Throwaway Filters, Add	*8,751.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,986.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,338.32*	
		For Manual Roll Filter, Add	*42,751.17*	
		For Automatic Roll Filter, Add	*45,118.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,503.46*	
		For Electric Heating Coil, Add	*19,081.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,283.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,338.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,393.37*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,586.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,173.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*37,228.23*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,338.32*	
		For Variable Air Volume, Add	*11,045.87*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,623.64*	
		For 2 Coils, Independent Circuits, Add	*11,191.53*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	105,404.31	13,030.71
		For Flat Filter Box And Throwaway Filters, Add	*9,609.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,660.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,237.68*	
		For Manual Roll Filter, Add	*46,991.82*	
		For Automatic Roll Filter, Add	*49,595.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,219.33*	
		For Electric Heating Coil, Add	*20,955.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,577.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,237.68*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,898.23*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,628.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,256.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*40,916.58*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,237.68*	
		For Variable Air Volume, Add	*12,150.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,761.53*	
		For 2 Coils, Independent Circuits, Add	*12,276.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	115,721.31	14,138.32
		For Flat Filter Box And Throwaway Filters, Add	*10,560.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,513.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,443.96*	
		For Manual Roll Filter, Add	*51,676.81*	
		For Automatic Roll Filter, Add	*54,541.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,120.86*	
		For Electric Heating Coil, Add	*23,030.61*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,218.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,443.96*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,669.60*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*24,883.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*49,767.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*44,992.69*	
		For Hot Water Heating Coil, Copper Fins, Add	*35,443.96*	
		For Variable Air Volume, Add	*13,368.22*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,923.40*	
		For 2 Coils, Independent Circuits, Add	*13,481.88*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,848.50	1,172.58
		For Economizer, Panel, Controls And Damper(s), Add	*1,812.35*	
		For Flat Filter Box And Throwaway Filters, Add	*601.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,151.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,460.91*	
		For Manual Roll Filter, Add	*3,013.02*	
		For Automatic Roll Filter, Add	*3,013.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*684.85*	
		For Electric Heating Coil, Add	*788.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,495.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,495.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,013.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,013.02*	
		For 2 Coils, Independent Circuits, Add	*788.32*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,533.48	1,469.02
		For Economizer, Panel, Controls And Damper(s), Add	*2,109.08*	
		For Flat Filter Box And Throwaway Filters, Add	*748.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,433.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,818.57*	
		For Manual Roll Filter, Add	*3,749.01*	
		For Automatic Roll Filter, Add	*3,749.01*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*853.35*	
		For Electric Heating Coil, Add	*982.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,105.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,105.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,749.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,749.01*	
		For 2 Coils, Independent Circuits, Add	*982.04*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,576.00	1,563.50
		For Economizer, Panel, Controls And Damper(s), Add	*2,203.37*	
		For Flat Filter Box And Throwaway Filters, Add	*945.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,824.86*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,308.99*	
		For Manual Roll Filter, Add	*4,811.77*	
		For Automatic Roll Filter, Add	*4,811.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,057.60*	
		For Electric Heating Coil, Add	*1,224.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,977.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,977.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,811.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,811.77*	
		For 2 Coils, Independent Circuits, Add	*1,224.45*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,992.48	1,674.26
		For Economizer, Panel, Controls And Damper(s), Add	*2,313.83*	
		For Flat Filter Box And Throwaway Filters, Add	*979.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,887.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,389.44*	
		For Manual Roll Filter, Add	*4,969.83*	
		For Automatic Roll Filter, Add	*4,969.83*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,099.25*	
		For Electric Heating Coil, Add	*1,271.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,109.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,109.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,969.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,969.83*	
		For 2 Coils, Independent Circuits, Add	*1,271.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,879.18	1,794.79
		For Economizer, Panel, Controls And Damper(s), Add	*2,434.86*	
		For Flat Filter Box And Throwaway Filters, Add	*1,159.71*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,242.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,835.18*	
		For Manual Roll Filter, Add	*5,929.71*	
		For Automatic Roll Filter, Add	*5,929.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,287.92*	
		For Electric Heating Coil, Add	*1,494.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,898.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,898.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,929.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,929.71*	
		For 2 Coils, Independent Circuits, Add	*1,494.22*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,578.08	1,922.03
		For Economizer, Panel, Controls And Damper(s), Add	*2,561.93*	
		For Flat Filter Box And Throwaway Filters, Add	*1,220.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,368.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,982.68*	
		For Manual Roll Filter, Add	*6,232.42*	
		For Automatic Roll Filter, Add	*6,232.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,357.81*	
		For Electric Heating Coil, Add	*1,574.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,149.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,149.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,232.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,232.42*	
		For 2 Coils, Independent Circuits, Add	*1,574.46*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,313.72	2,052.25
		For Economizer, Panel, Controls And Damper(s), Add	*2,692.09*	
		For Flat Filter Box And Throwaway Filters, Add	*1,284.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,481.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,138.70*	
		For Manual Roll Filter, Add	*6,553.35*	
		For Automatic Roll Filter, Add	*6,553.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,431.37*	
		For Electric Heating Coil, Add	*1,659.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,415.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,415.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,553.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,553.35*	
		For 2 Coils, Independent Circuits, Add	*1,659.02*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,976.45	2,202.19
		For Economizer, Panel, Controls And Damper(s), Add	*2,476.55*	
		For Flat Filter Box And Throwaway Filters, Add	*1,440.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,787.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,523.24*	
		For Manual Roll Filter, Add	*7,374.42*	
		For Automatic Roll Filter, Add	*7,374.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,597.65*	
		For Electric Heating Coil, Add	*1,854.39*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,090.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,090.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,374.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,374.42*	
		For 2 Coils, Independent Circuits, Add	*1,854.39*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,467.64	2,358.38
		For Economizer, Panel, Controls And Damper(s), Add	*2,603.10*	
		For Flat Filter Box And Throwaway Filters, Add	*1,578.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,055.52*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,861.52*	
		For Manual Roll Filter, Add	*8,091.03*	
		For Automatic Roll Filter, Add	*8,091.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,746.76*	
		For Electric Heating Coil, Add	*2,028.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,681.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,681.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,091.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,091.03*	
		For 2 Coils, Independent Circuits, Add	*2,028.73*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	18,464.64	2,518.84
		For Economizer, Panel, Controls And Damper(s), Add	*2,724.62*	
		For Flat Filter Box And Throwaway Filters, Add	*1,666.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,226.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,077.63*	
		For Manual Roll Filter, Add	*8,539.95*	
		For Automatic Roll Filter, Add	*8,539.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,846.46*	
		For Electric Heating Coil, Add	*2,143.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,052.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,052.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,539.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,539.95*	
		For 2 Coils, Independent Circuits, Add	*2,143.95*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,369.68	2,691.02
		For Economizer, Panel, Controls And Damper(s), Add	*2,865.38*	
		For Flat Filter Box And Throwaway Filters, Add	*1,844.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,573.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,515.50*	
		For Manual Roll Filter, Add	*9,472.56*	
		For Automatic Roll Filter, Add	*9,472.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,036.97*	
		For Electric Heating Coil, Add	*2,367.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,820.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,820.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,472.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,472.56*	
		For 2 Coils, Independent Circuits, Add	*2,367.44*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,672.16	2,879.97
		For Economizer, Panel, Controls And Damper(s), Add	*3,012.63*	
		For Flat Filter Box And Throwaway Filters, Add	*1,961.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,799.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,800.96*	
		For Manual Roll Filter, Add	*10,068.44*	
		For Automatic Roll Filter, Add	*10,068.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,167.22*	
		For Electric Heating Coil, Add	*2,518.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,312.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,312.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,068.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,068.44*	
		For 2 Coils, Independent Circuits, Add	*2,518.38*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,768.51	3,127.37
		For Economizer, Panel, Controls And Damper(s), Add	*3,205.26*	
		For Flat Filter Box And Throwaway Filters, Add	*2,153.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,173.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,272.51*	
		For Manual Roll Filter, Add	*11,063.84*	
		For Automatic Roll Filter, Add	*11,063.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,376.85*	
		For Electric Heating Coil, Add	*2,762.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,133.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,133.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,063.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,063.84*	
		For 2 Coils, Independent Circuits, Add	*2,762.94*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	25,537.34	3,368.54
		For Economizer, Panel, Controls And Damper(s), Add	*3,395.59*	
		For Flat Filter Box And Throwaway Filters, Add	*2,313.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,482.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,662.81*	
		For Manual Roll Filter, Add	*11,880.97*	
		For Automatic Roll Filter, Add	*11,880.97*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,553.73*	
		For Electric Heating Coil, Add	*2,968.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,808.25*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,808.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,880.97*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,880.97*	
		For 2 Coils, Independent Circuits, Add	*2,968.28*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,792.80	3,642.08
		For Economizer, Panel, Controls And Damper(s), Add	*3,017.02*	
		For Flat Filter Box And Throwaway Filters, Add	*2,419.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,683.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,919.32*	
		For Manual Roll Filter, Add	*12,399.39*	
		For Automatic Roll Filter, Add	*12,399.39*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,679.28*	
		For Electric Heating Coil, Add	*3,111.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,239.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,239.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,399.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,399.39*	
		For 2 Coils, Independent Circuits, Add	*3,111.29*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,737.91	3,928.57
		For Economizer, Panel, Controls And Damper(s), Add	*3,186.19*	
		For Flat Filter Box And Throwaway Filters, Add	*2,693.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,217.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,592.16*	
		For Manual Roll Filter, Add	*13,828.88*	
		For Automatic Roll Filter, Add	*13,828.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,973.79*	
		For Electric Heating Coil, Add	*3,456.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,416.64*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,416.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,828.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,828.88*	
		For 2 Coils, Independent Circuits, Add	*3,456.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	31,307.93	4,234.79
		For Economizer, Panel, Controls And Damper(s), Add	*3,361.50*	
		For Flat Filter Box And Throwaway Filters, Add	*2,828.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,474.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,918.92*	
		For Manual Roll Filter, Add	*14,495.17*	
		For Automatic Roll Filter, Add	*14,495.17*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,130.79*	
		For Electric Heating Coil, Add	*3,635.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,969.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,969.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,495.17*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,495.17*	
		For 2 Coils, Independent Circuits, Add	*3,635.88*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	33,046.96	4,586.81
		For Economizer, Panel, Controls And Damper(s), Add	*3,552.68*	
		For Flat Filter Box And Throwaway Filters, Add	*2,978.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,760.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,281.99*	
		For Manual Roll Filter, Add	*15,236.57*	
		For Automatic Roll Filter, Add	*15,236.57*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,304.70*	
		For Electric Heating Coil, Add	*3,835.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,585.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,585.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,236.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,236.57*	
		For 2 Coils, Independent Circuits, Add	*3,835.00*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	34,919.11	4,951.39
		For Economizer, Panel, Controls And Damper(s), Add	*3,303.42*	
		For Flat Filter Box And Throwaway Filters, Add	*3,138.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,063.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,668.07*	
		For Manual Roll Filter, Add	*16,020.38*	
		For Automatic Roll Filter, Add	*16,020.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,491.91*	
		For Electric Heating Coil, Add	*4,048.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,236.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,236.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,020.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,020.38*	
		For 2 Coils, Independent Circuits, Add	*4,048.73*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	35,897.31	5,140.62
		For Economizer, Panel, Controls And Damper(s), Add	*3,388.32*	
		For Flat Filter Box And Throwaway Filters, Add	*3,221.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,222.52*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,870.17*	
		For Manual Roll Filter, Add	*16,431.04*	
		For Automatic Roll Filter, Add	*16,431.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,589.73*	
		For Electric Heating Coil, Add	*4,160.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,577.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,577.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,431.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,431.04*	
		For 2 Coils, Independent Circuits, Add	*4,160.46*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	36,833.00	5,324.07
		For Economizer, Panel, Controls And Damper(s), Add	*3,460.46*	
		For Flat Filter Box And Throwaway Filters, Add	*3,303.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,378.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,068.02*	
		For Manual Roll Filter, Add	*16,837.46*	
		For Automatic Roll Filter, Add	*16,837.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,683.30*	
		For Electric Heating Coil, Add	*4,267.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,914.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,914.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,837.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,837.46*	
		For 2 Coils, Independent Circuits, Add	*4,267.93*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	41,691.13	5,538.05
		For Economizer, Panel, Controls And Damper(s), Add	*2,986.53*	
		For Flat Filter Box And Throwaway Filters, Add	*3,772.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,306.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,232.88*	
		For Manual Roll Filter, Add	*19,360.42*	
		For Automatic Roll Filter, Add	*19,360.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,169.11*	
		For Electric Heating Coil, Add	*4,844.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,984.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,984.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,360.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,360.42*	
		For 2 Coils, Independent Circuits, Add	*4,844.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	46,514.23	5,757.43
		For Economizer, Panel, Controls And Damper(s), Add	*3,175.03*	
		For Flat Filter Box And Throwaway Filters, Add	*4,239.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,233.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,394.24*	
		For Manual Roll Filter, Add	*21,879.88*	
		For Automatic Roll Filter, Add	*21,879.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,651.42*	
		For Electric Heating Coil, Add	*5,417.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,051.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,051.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,879.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,879.88*	
		For 2 Coils, Independent Circuits, Add	*5,417.13*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	53,557.90	5,974.58
		For Economizer, Panel, Controls And Damper(s), Add	*3,227.83*	
		For Flat Filter Box And Throwaway Filters, Add	*4,929.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,602.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,109.91*	
		For Manual Roll Filter, Add	*25,618.15*	
		For Automatic Roll Filter, Add	*25,618.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,355.79*	
		For Electric Heating Coil, Add	*6,256.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*21,115.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,115.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,618.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,618.15*	
		For 2 Coils, Independent Circuits, Add	*6,256.34*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	60,605.83	6,189.59
		For Economizer, Panel, Controls And Damper(s), Add	*3,281.37*	
		For Flat Filter Box And Throwaway Filters, Add	*5,618.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,972.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,826.00*	
		For Manual Roll Filter, Add	*29,356.84*	
		For Automatic Roll Filter, Add	*29,356.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,060.58*	
		For Electric Heating Coil, Add	*7,095.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,179.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*24,179.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,356.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,356.84*	
		For 2 Coils, Independent Circuits, Add	*7,095.97*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	68,079.84	6,710.82
		For Economizer, Panel, Controls And Damper(s), Add	*3,412.30*	
		For Flat Filter Box And Throwaway Filters, Add	*6,328.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,445.21*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,582.28*	
		For Manual Roll Filter, Add	*24,356.57*	
		For Automatic Roll Filter, Add	*30,206.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,807.98*	
		For Electric Heating Coil, Add	*7,977.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,356.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*24,356.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,657.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,206.10*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,206.10*	
		For 2 Coils, Independent Circuits, Add	*7,977.89*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	73,422.03	7,297.20
		For Economizer, Panel, Controls And Damper(s), Add	*3,320.11*	
		For Flat Filter Box And Throwaway Filters, Add	*6,823.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,183.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,800.39*	
		For Manual Roll Filter, Add	*26,258.59*	
		For Automatic Roll Filter, Add	*32,564.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,342.20*	
		For Electric Heating Coil, Add	*8,603.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,258.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,258.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,647.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,564.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,564.05*	
		For 2 Coils, Independent Circuits, Add	*8,603.30*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	87,700.87	7,883.29
		For Economizer, Panel, Controls And Damper(s), Add	*3,453.89*	
		For Flat Filter Box And Throwaway Filters, Add	*8,207.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,254.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,236.33*	
		For Manual Roll Filter, Add	*31,702.56*	
		For Automatic Roll Filter, Add	*39,346.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,770.09*	
		For Electric Heating Coil, Add	*10,298.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,702.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,702.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,414.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,346.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,346.72*	
		For 2 Coils, Independent Circuits, Add	*10,298.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	99,191.06	8,535.12
		For Economizer, Panel, Controls And Damper(s), Add	*3,591.36*	
		For Flat Filter Box And Throwaway Filters, Add	*9,310.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,904.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,971.41*	
		For Manual Roll Filter, Add	*36,023.71*	
		For Automatic Roll Filter, Add	*44,725.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,919.11*	
		For Electric Heating Coil, Add	*11,659.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,023.71*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*36,023.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,620.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*44,725.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*44,725.25*	
		For 2 Coils, Independent Circuits, Add	*11,659.41*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	107,517.83	9,186.93
		For Economizer, Panel, Controls And Damper(s), Add	*3,734.49*	
		For Flat Filter Box And Throwaway Filters, Add	*10,095.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,077.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,909.97*	
		For Manual Roll Filter, Add	*39,068.15*	
		For Automatic Roll Filter, Add	*48,506.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,751.78*	
		For Electric Heating Coil, Add	*12,639.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*39,068.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,068.15*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,190.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*48,506.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*48,506.94*	
		For 2 Coils, Independent Circuits, Add	*12,639.54*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	120,109.93	10,750.05
		For Economizer, Panel, Controls And Damper(s), Add	*3,747.78*	
		For Flat Filter Box And Throwaway Filters, Add	*11,243.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,789.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,726.14*	
		For Manual Roll Filter, Add	*43,441.29*	
		For Automatic Roll Filter, Add	*53,918.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,010.99*	
		For Electric Heating Coil, Add	*14,106.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,441.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,441.29*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,487.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*53,918.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*53,918.06*	
		For 2 Coils, Independent Circuits, Add	*14,106.35*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	120,683.75	11,141.26
		For Economizer, Panel, Controls And Damper(s), Add	*3,819.51*	
		For Flat Filter Box And Throwaway Filters, Add	*11,272.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,829.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,783.52*	
		For Manual Roll Filter, Add	*43,498.67*	
		For Automatic Roll Filter, Add	*53,975.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,068.38*	
		For Electric Heating Coil, Add	*14,163.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,498.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,498.67*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,545.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*53,975.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*53,975.44*	
		For 2 Coils, Independent Circuits, Add	*14,163.73*	
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	126,237.26	11,531.80
		For Economizer, Panel, Controls And Damper(s), Add	*3,891.24*	
		For Flat Filter Box And Throwaway Filters, Add	*11,799.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,616.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,085.83*	
		For Manual Roll Filter, Add	*45,547.93*	
		For Automatic Roll Filter, Add	*56,522.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,623.73*	
		For Electric Heating Coil, Add	*14,818.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*45,547.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*45,547.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,598.46*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*56,522.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*56,522.67*	
		For 2 Coils, Independent Circuits, Add	*14,818.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	132,044.08	12,379.17
		For Economizer, Panel, Controls And Damper(s), Add	*4,039.09*	
		For Flat Filter Box And Throwaway Filters, Add	*12,320.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,392.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,360.11*	
		For Manual Roll Filter, Add	*47,515.82*	
		For Automatic Roll Filter, Add	*58,952.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,204.41*	
		For Electric Heating Coil, Add	*15,491.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,515.82*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,515.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,641.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,952.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,952.95*	
		For 2 Coils, Independent Circuits, Add	*15,491.84*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	142,346.32	13,030.71
		For Economizer, Panel, Controls And Damper(s), Add	*4,146.62*	
		For Flat Filter Box And Throwaway Filters, Add	*13,307.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,869.31*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,806.64*	
		For Manual Roll Filter, Add	*51,378.65*	
		For Automatic Roll Filter, Add	*63,759.99*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,234.63*	
		For Electric Heating Coil, Add	*16,710.90*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*51,378.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*51,378.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,615.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*63,759.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*63,759.99*	
		For 2 Coils, Independent Circuits, Add	*16,710.90*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	153,048.84	13,747.40
		For Economizer, Panel, Controls And Damper(s), Add	*3,866.41*	
		For Flat Filter Box And Throwaway Filters, Add	*14,321.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,384.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,312.60*	
		For Manual Roll Filter, Add	*55,320.31*	
		For Automatic Roll Filter, Add	*68,658.78*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,304.88*	
		For Electric Heating Coil, Add	*17,972.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,320.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,320.31*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,643.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,658.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,658.78*	
		For 2 Coils, Independent Circuits, Add	*17,972.58*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	164,893.59	14,594.39
		For Economizer, Panel, Controls And Damper(s), Add	*3,983.81*	
		For Flat Filter Box And Throwaway Filters, Add	*15,447.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*23,066.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*38,097.69*	
		For Manual Roll Filter, Add	*59,706.02*	
		For Automatic Roll Filter, Add	*74,111.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,489.36*	
		For Electric Heating Coil, Add	*19,370.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*59,706.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*59,706.02*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,894.91*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*74,111.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*74,111.58*	
		For 2 Coils, Independent Circuits, Add	*19,370.47*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	176,969.00	14,985.31
		For Economizer, Panel, Controls And Damper(s), Add	*4,036.96*	
		For Flat Filter Box And Throwaway Filters, Add	*16,628.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*24,835.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*41,036.81*	
		For Manual Roll Filter, Add	*64,376.71*	
		For Automatic Roll Filter, Add	*79,936.65*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,696.90*	
		For Electric Heating Coil, Add	*20,808.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*64,376.71*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*64,376.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*33,256.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*79,936.65*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*79,936.65*	
		For 2 Coils, Independent Circuits, Add	*20,808.89*	

23 73 13 00-0088 Return/Supply Air Fan *(23 73 13)*

Note: Includes vibration mounts.

23 73 13 00-0089	EA	300 CFM Return Air Fan	3,111.24	521.13
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,046.80	625.38
23 73 13 00-0091	EA	750 CFM Return Air Fan	4,227.49	651.45
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	4,838.39	690.53
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	4,982.85	723.11
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	5,094.57	755.69
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	5,346.39	794.78
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	5,957.28	833.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	6,241.66	872.97
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	6,395.47	912.05
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	6,763.33	1,009.79
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	6,935.90	1,061.91
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	7,098.95	1,107.52
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	7,304.17	1,159.73
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	7,485.76	1,218.38
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	7,820.94	1,361.71
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	8,869.44	1,615.81
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	9,103.10	1,641.87
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	9,209.94	1,648.38
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	9,704.78	1,674.45
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	9,925.50	1,694.00
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	10,446.17	1,759.42
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	11,143.95	1,791.63
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	12,621.80	1,842.55
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	13,775.00	1,941.48
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	16,441.98	2,026.00
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	17,234.89	2,096.64
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	18,027.48	2,156.59
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	19,089.04	2,371.59
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	20,416.86	2,501.71
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	23,080.45	2,605.86
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	27,239.77	2,866.48
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	33,575.66	3,257.40
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	40,991.24	3,374.95
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	42,921.46	3,472.40
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	43,905.82	3,563.62
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	46,049.73	3,719.89
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	48,368.62	3,903.07
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	52,043.94	4,094.53
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	54,345.31	4,311.58
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	56,093.80	4,557.12
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	60,341.11	4,765.71
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	64,943.33	4,993.64
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	69,937.43	5,245.23
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	76,569.05	5,524.65
23 73 13 00-0134		Removal And Reinstallation Of Air Handling Unit *(23 73 13)* Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	2,386.58	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	3,237.44	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	4,027.35	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	7,348.15	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001		Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)* Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	4,670.78	1,620.20
		For Unit Without Heat, Deduct	*-341.55*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,023.73	1,693.83
		For Unit Without Heat, Deduct	*-414.11*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,018.31	1,767.48
		For Unit Without Heat, Deduct	*-468.75*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,331.03	1,877.95
		For Unit Without Heat, Deduct	*-541.75*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,068.72	1,988.41
		For Unit Without Heat, Deduct	*-586.00*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,150.73	2,135.71
		For Unit Without Heat, Deduct	*-649.92*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,044.89*	
		For Unit Without Roof Curb, Deduct	*-773.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,888.42	2,246.18
		For Unit Without Heat, Deduct	*-694.17*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,044.89*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,970.43	2,393.47
		For Unit Without Heat, Deduct	*-758.09*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,068.54*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,461.48	2,586.41
		For Unit Without Heat, Deduct	*-895.53*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,154.02*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	16,952.52	2,780.10
		For Unit Without Heat, Deduct	*-1,032.97*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	19,366.56	2,973.30
		For Unit Without Heat, Deduct	*-1,166.56*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	21,780.61	3,166.74
		For Unit Without Heat, Deduct	*-1,300.15*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	24,417.81	3,488.82
		For Unit Without Heat, Deduct	*-1,453.49*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	27,055.03	3,811.14
		For Unit Without Heat, Deduct	*-1,606.83*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	29,792.69	4,170.28
		For Unit Without Heat, Deduct	*-1,767.65*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	32,530.34	4,529.17
		For Unit Without Heat, Deduct	*-1,928.46*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	37,900.73	5,284.04
		For Unit Without Heat, Deduct	*-2,247.31*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	43,271.11	6,038.90
		For Unit Without Heat, Deduct	*-2,566.15*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	47,587.90	6,812.18
		For Unit Without Heat, Deduct	*-2,833.54*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	51,904.69	7,585.45
		For Unit Without Heat, Deduct	*-3,100.93*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	57,147.85	8,321.90
		For Unit Without Heat, Deduct	*-3,412.19*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,351.53*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	62,391.00	9,058.35
		For Unit Without Heat, Deduct	*-3,723.44*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,351.53*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	67,480.14	9,794.80
		For Unit Without Heat, Deduct	*-4,026.99*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,272.85*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	72,569.27	10,531.26
		For Unit Without Heat, Deduct	*-4,330.55*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,272.85*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	77,756.60	11,341.35
		For Unit Without Heat, Deduct	*-4,643.92*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,529.82*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	4,718.94	1,472.90
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	5,379.43	1,693.83
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	6,637.88	1,951.60
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	7,614.52	2,098.89
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	8,534.97	2,264.59
		For Unit Without Factory Installed Economizer, Deduct	*-1,023.73*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	9,327.98	2,375.06
		For Unit Without Factory Installed Economizer, Deduct	*-1,044.89*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	11,160.86	1,970.01
		For Unit Without Factory Installed Economizer, Deduct	*-1,044.89*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	13,947.20	2,651.22
		For Unit Without Factory Installed Economizer, Deduct	*-1,068.54*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	15,237.26	2,872.16
		For Unit Without Factory Installed Economizer, Deduct	*-1,154.02*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	18,437.58	3,093.10
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	19,485.51	3,314.03
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	29,896.37	3,534.96
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	36,521.68	3,903.19
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	43,146.99	4,222.33
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	44,445.10	4,639.65
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	45,743.22	5,007.87
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	51,231.05	5,854.79
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	56,718.89	6,701.71
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	61,130.53	7,548.62
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	65,542.15	8,395.55
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	71,783.34	9,242.47
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,351.53*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	78,024.51	10,089.38
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,351.53*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	83,566.54	10,512.84
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,272.85*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	89,084.04	10,917.90
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,272.85*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	94,626.08	11,341.35
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,529.82*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	100,192.66	11,783.22
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,529.82*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	136,304.28	13,845.29
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,529.82*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	157,011.32	16,864.74
		For Unit Without Factory Installed Economizer, Deduct	*-2,181.47*	
		For Unit Without Roof Curb, Deduct	*-2,529.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 74 16 13-0056 AAON Rooftop Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0057 AAON RQ Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 74 16 13-0058	EA	2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)	10,858.91	1,472.90
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,126.32*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,221.98*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*962.06*	
		For Factory Installed Non-Fused Disconnect, Add	*1,101.05*	
		For Factory Installed Exhaust Fan, Add	*5,613.55*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,310.43*	
23 74 16 13-0059	EA	3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)	11,857.44	1,693.83
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,207.54*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,310.43*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,030.66*	
		For Factory Installed Non-Fused Disconnect, Add	*1,180.47*	
		For Factory Installed Exhaust Fan, Add	*5,613.55*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,310.43*	
23 74 16 13-0060	EA	4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	12,361.77	1,951.60
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,207.54*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,310.43*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,030.66*	
		For Factory Installed Non-Fused Disconnect, Add	*1,180.47*	
		For Factory Installed Exhaust Fan, Add	*5,613.55*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,310.43*	
23 74 16 13-0061	EA	5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	12,700.75	2,098.89
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,207.54*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,310.43*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,030.66*	
		For Factory Installed Non-Fused Disconnect, Add	*1,180.47*	
		For Factory Installed Exhaust Fan, Add	*5,613.55*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,310.43*	
23 74 16 13-0062	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	13,887.35	2,559.22
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,207.54*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,310.43*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,030.66*	
		For Factory Installed Non-Fused Disconnect, Add	*1,180.47*	
		For Factory Installed Exhaust Fan, Add	*5,613.55*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,310.43*	

23 74 16 13-0063 AAON RNA Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 74 16 13-0064	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	16,704.96	2,264.64
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,175.06*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,805.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,203.94*	
		For Factory Installed Non-Fused Disconnect, Add	*1,111.88*	
		For Factory Installed Exhaust Fan, Add	*2,998.10*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,021.63*	
23 74 16 13-0065	EA	7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	17,825.14	2,375.11
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,175.06*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,805.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,203.94*	
		For Factory Installed Non-Fused Disconnect, Add	*1,111.88*	
		For Factory Installed Exhaust Fan, Add	*2,998.10*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,021.63*	
23 74 16 13-0066	EA	8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	20,431.56	2,559.22
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,175.06*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,805.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,203.94*	
		For Factory Installed Non-Fused Disconnect, Add	*1,111.88*	
		For Factory Installed Exhaust Fan, Add	*2,998.10*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,021.63*	
23 74 16 13-0067	EA	10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	20,649.97	2,651.22
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,175.06*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,805.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,203.94*	
		For Factory Installed Non-Fused Disconnect, Add	*1,111.88*	
		For Factory Installed Exhaust Fan, Add	*2,998.10*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,021.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0068		**AAON RNB Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.		
23 74 16 13-0069	EA	9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	24,395.34	2,651.22
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,731.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,353.75*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*2,859.12*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,027.04*	
23 74 16 13-0070	EA	11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011)	24,562.49	2,577.58
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,731.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,353.75*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*2,859.12*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,027.04*	
23 74 16 13-0071	EA	13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013)	26,792.75	2,872.16
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,731.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,353.75*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*2,859.12*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,027.04*	
23 74 16 13-0072	EA	15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015)	27,506.09	3,093.10
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,731.00*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,353.75*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*2,859.12*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,027.04*	
23 74 16 13-0073		**AAON RNC Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0074	EA	16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016)	35,253.15	3,093.10
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,555.88*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,805.00*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*5,243.52*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*467.50*	
23 74 16 13-0075	EA	18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018)	38,078.35	3,314.03
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,555.88*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,805.00*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*5,243.52*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*467.50*	
23 74 16 13-0076	EA	20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020)	40,353.01	3,534.96
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,555.88*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,805.00*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*5,243.52*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*467.50*	
23 74 16 13-0077	EA	25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025)	43,748.24	4,271.42
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,555.88*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,805.00*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*5,243.52*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*467.50*	
23 74 16 13-0078	EA	30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030)	49,648.80	5,007.87
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,555.88*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,805.00*	
		For Factory Installed Non-Fused Disconnect, Add	*1,073.98*	
		For Factory Installed Exhaust Fan, Add	*5,243.52*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*467.50*	
23 74 16 13-0079		**AAON RND Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0080	EA	26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026)	65,998.47	4,271.42
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
		For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	
23 74 16 13-0081	EA	31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031)	75,231.06	5,007.87
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
		For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	
23 74 16 13-0082	EA	40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040)	88,805.05	6,701.71
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
		For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0083		EA	50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)	104,258.05	8,395.55
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
			For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	
23 74 16 13-0084		EA	60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)	114,702.18	10,089.38
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
			For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	
23 74 16 13-0085		EA	70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)	120,765.19	10,917.94
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,256.25*	
			For Factory Installed Non-Fused Disconnect, Add	*2,443.97*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*3,429.50*	

23 74 16 13-0086 AAON RNE Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0087		EA	55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)	111,341.98	9,242.47
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0088		EA	65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)	122,719.64	10,512.89
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0089		EA	75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)	130,519.06	11,341.35
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0090		EA	95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)	158,313.98	15,355.01
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0091		EA	105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)	171,674.28	17,527.55
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0092		EA	120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)	199,939.87	19,295.02
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0093		EA	130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)	204,989.20	20,473.35
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	
23 74 16 13-0094		EA	140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)	215,158.99	22,903.65
			For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,548.66*	
			For Factory Installed Non-Fused Disconnect, Add	*3,660.54*	
			For Hot Water Coil In Lieu Of Gas Heat, Add	*4,873.50*	

23 74 16 13-0095 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 01 22 23 00-0839 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0096 Packaged Rooftop Heat Pump Units *(23 74 16 13-0095)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 13-0097		EA	2 Ton Packaged Rooftop Heat Pump	6,070.75	1,325.62
			For Economizer With Outside Air Control, Add	*1,787.43*	
			For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*215.16*	
			For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0098		EA	2.5 Ton Packaged Rooftop Heat Pump	6,392.47	1,425.09
			For Economizer With Outside Air Control, Add	*1,893.43*	
			For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*224.62*	
			For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0099		EA	3 Ton Packaged Rooftop Heat Pump	6,761.48	1,524.45
			For Economizer With Outside Air Control, Add	*2,009.37*	
			For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*236.44*	
			For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0100		EA	3.5 Ton Packaged Rooftop Heat Pump	7,255.83	1,640.42
			For Economizer With Outside Air Control, Add	*1,955.29*	
			For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.43*	
			For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0101		EA	4 Ton Packaged Rooftop Heat Pump	7,750.39	1,756.48
			For Economizer With Outside Air Control, Add	*2,090.40*	
			For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*270.42*	
			For Unit Without Roof Curb, Deduct	*-644.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0102	EA	5 Ton Packaged Rooftop Heat Pump	8,307.00	1,889.05
		For Economizer With Outside Air Control, Add	*2,243.35*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*231.53*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0103	EA	6 Ton Packaged Rooftop Heat Pump	9,344.45	2,038.10
		For Economizer With Outside Air Control, Add	*2,485.33*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*198.81*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0104	EA	7.5 Ton Packaged Rooftop Heat Pump	12,008.26	2,137.57
		For Economizer With Outside Air Control, Add	*2,524.02*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*274.75*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0105	EA	8.5 Ton Packaged Rooftop Heat Pump	13,430.05	2,303.23
		For Economizer With Outside Air Control, Add	*2,675.00*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*310.77*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0106	EA	10 Ton Packaged Rooftop Heat Pump	14,438.37	2,386.11
		For Economizer With Outside Air Control, Add	*2,716.43*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*225.14*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0107	EA	12.5 Ton Packaged Rooftop Heat Pump	16,746.54	2,584.94
		For Economizer With Outside Air Control, Add	*3,053.29*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*266.00*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0108	EA	15 Ton Packaged Rooftop Heat Pump	19,054.69	2,783.79
		For Economizer With Outside Air Control, Add	*3,390.15*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*306.86*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0109	EA	17.5 Ton Packaged Rooftop Heat Pump	21,338.63	2,982.63
		For Economizer With Outside Air Control, Add	*3,724.60*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*347.24*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0110	EA	20 Ton Packaged Rooftop Heat Pump	23,622.56	3,181.47
		For Economizer With Outside Air Control, Add	*4,059.04*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*387.61*	
		For Unit Without Roof Curb, Deduct	*-773.54*	

23 74 16 13-0111 Heating Only Packaged Rooftop Units *(23 74 16 13-0095)*

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0112	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	6,214.06	1,325.62
		For Gas Heat, Add	*399.63*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0113	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	7,301.14	1,524.45
		For Gas Heat, Add	*470.43*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0114	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	9,995.43	1,756.48
		For Gas Heat, Add	*652.84*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0115	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	11,277.08	1,889.05
		For Gas Heat, Add	*739.02*	
		For Unit Without Roof Curb, Deduct	*-644.60*	
23 74 16 13-0116	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	13,252.38	2,137.57
		For Gas Heat, Add	*870.67*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0117	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	14,928.56	2,303.23
		For Gas Heat, Add	*983.58*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0118	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	17,669.25	2,386.11
		For Gas Heat, Add	*1,173.22*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0119	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	22,953.30	2,783.79
		For Gas Heat, Add	*1,532.50*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0120	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	30,319.49	2,982.63
		For Gas Heat, Add	*2,042.83*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0121	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	35,395.00	3,181.47
		For Gas Heat, Add	*2,392.81*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0122	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	46,028.99	3,512.88
		For Gas Heat, Add	*3,128.35*	
		For Unit Without Roof Curb, Deduct	*-773.54*	
23 74 16 13-0123	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	57,565.67	4,470.26
		For Gas Heat, Add	*3,918.25*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0124	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	70,835.26	4,507.08
		For Gas Heat, Add	*4,838.28*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	
23 74 16 13-0125	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	86,282.75	5,269.36
		For Gas Heat, Add	*5,899.28*	
		For Unit Without Roof Curb, Deduct	*-1,241.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0126	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	111,909.21	6,793.81
		For Gas Heat, Add	*7,652.48*	
		For Unit Without Roof Curb, Deduct	*-1,890.04*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0839 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0840 for crane lifting equipment.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,258.06	441.88
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,956.48*	
		For Equipment Base Roof Curb, Add	*885.16*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	9,397.76	500.79
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,566.48*	
		For Equipment Base Roof Curb, Add	*1,149.44*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	13,105.66	589.16
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,637.12*	
		For Equipment Base Roof Curb, Add	*1,608.75*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	13,203.83	628.43
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,644.47*	
		For Equipment Base Roof Curb, Add	*1,618.81*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	18,084.42	706.99
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,071.83*	
		For Equipment Base Roof Curb, Add	*2,225.20*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	27,468.59	883.74
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,798.71*	
		For Equipment Base Roof Curb, Add	*3,389.39*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0840 for crane lifting equipment.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	15,107.03	441.88
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,311.17*	
		For Equipment Base Roof Curb, Add	*1,866.29*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	21,647.40	500.79
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,241.37*	
		For Equipment Base Roof Curb, Add	*2,680.64*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	26,833.87	589.16
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,755.58*	
		For Equipment Base Roof Curb, Add	*3,324.78*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	34,734.67	706.99
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*10,066.90*	
		For Equipment Base Roof Curb, Add	*4,306.48*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	56,257.19	883.74
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*16,435.29*	
		For Equipment Base Roof Curb, Add	*6,987.96*	

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,312.17	283.75
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,551.54	331.04
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,028.00	378.34
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,202.14	425.63
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,535.41	472.92
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,725.46	520.21

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,635.52	293.08
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,719.80	302.57
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,225.63	420.21
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,992.33	496.02
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,525.83	726.17
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,634.63	774.58
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,895.85	871.40
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,353.09	1,089.25
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,315.82	1,423.86
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,399.07	1,452.33
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,933.45	1,613.74
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	14,589.85	2,521.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	16,400.26	2,631.04
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit	18,230.62	2,750.62

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,843.44	177.35
		For >35 To 70, Deduct	*-44.66*	
		For >70 To 100, Deduct	*-74.44*	
		For >100, Deduct	*-104.21*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,961.42	223.90
		For >35 To 70, Deduct	*-45.42*	
		For >70 To 100, Deduct	*-75.71*	
		For >100, Deduct	*-105.99*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,075.83	238.61
		For >35 To 70, Deduct	*-47.94*	
		For >70 To 100, Deduct	*-79.90*	
		For >100, Deduct	*-111.86*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,243.47	256.49
		For >35 To 70, Deduct	*-51.92*	
		For >70 To 100, Deduct	*-86.54*	
		For >100, Deduct	*-121.15*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,988.67	198.67
		For >35 To 70, Deduct	*-47.76*	
		For >70 To 100, Deduct	*-79.60*	
		For >100, Deduct	*-111.44*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,096.06	223.90
		For >35 To 70, Deduct	*-49.46*	
		For >70 To 100, Deduct	*-82.44*	
		For >100, Deduct	*-115.41*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,173.39	238.61
		For >35 To 70, Deduct	*-50.87*	
		For >70 To 100, Deduct	*-84.78*	
		For >100, Deduct	*-118.69*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,372.25	256.49
		For >35 To 70, Deduct	*-55.78*	
		For >70 To 100, Deduct	*-92.97*	
		For >100, Deduct	*-130.16*	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	87.02	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	98.37	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	109.72	

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	189.17	

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0840 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	4,609.41	215.13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	6,582.24	225.37
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,613.60	235.62
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,907.24	256.11
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	12,428.61	297.08
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	13,330.22	368.79
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,757.50	409.77
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	16,250.72	461.00
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	18,281.15	553.19
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	23,634.36	686.37
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	28,183.02	922.00
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	39,530.93	1,126.88
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	45,538.52	1,342.01
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	54,437.25	1,505.92

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	477.49	99.31
		For >10 To 50, Deduct	*-13.94*	
		For >50 To 75, Deduct	*-19.52*	
		For >75 To 100, Deduct	*-27.89*	
		For >100, Deduct	*-33.46*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	505.51	99.31
		For >10 To 50, Deduct	*-15.34*	
		For >50 To 75, Deduct	*-21.48*	
		For >75 To 100, Deduct	*-30.69*	
		For >100, Deduct	*-36.83*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	575.58	99.31
		For >10 To 50, Deduct	*-18.85*	
		For >50 To 75, Deduct	*-26.39*	
		For >75 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-45.23*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	638.55	99.31
		For >10 To 50, Deduct	*-22.00*	
		For >50 To 75, Deduct	*-30.79*	
		For >75 To 100, Deduct	*-43.99*	
		For >100, Deduct	*-52.79*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	799.79	99.31
		For >10 To 50, Deduct	*-30.06*	
		For >50 To 75, Deduct	*-42.08*	
		For >75 To 100, Deduct	*-60.12*	
		For >100, Deduct	*-72.14*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	939.92	99.31
		For >10 To 50, Deduct	*-37.06*	
		For >50 To 75, Deduct	*-51.89*	
		For >75 To 100, Deduct	*-74.13*	
		For >100, Deduct	*-88.95*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	883.87	99.31
		For >10 To 50, Deduct	*-34.26*	
		For >50 To 75, Deduct	*-47.97*	
		For >75 To 100, Deduct	*-68.52*	
		For >100, Deduct	*-82.23*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	953.93	99.31
		For >10 To 50, Deduct	*-37.77*	
		For >50 To 75, Deduct	*-52.87*	
		For >75 To 100, Deduct	*-75.53*	
		For >100, Deduct	*-90.64*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,009.98	99.31
		For >10 To 50, Deduct	*-40.57*	
		For >50 To 75, Deduct	*-56.79*	
		For >75 To 100, Deduct	*-81.14*	
		For >100, Deduct	*-97.36*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,066.03	99.31
		For >10 To 50, Deduct	*-43.37*	
		For >50 To 75, Deduct	*-60.72*	
		For >75 To 100, Deduct	*-86.74*	
		For >100, Deduct	*-104.09*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,178.14	99.31
		For >10 To 50, Deduct	*-48.98*	
		For >50 To 75, Deduct	*-68.57*	
		For >75 To 100, Deduct	*-97.95*	
		For >100, Deduct	*-117.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,192.15	99.31
		For >10 To 50, Deduct	*-49.68*	
		For >50 To 75, Deduct	*-69.55*	
		For >75 To 100, Deduct	*-99.35*	
		For >100, Deduct	*-119.22*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,752.18	99.31
		For >10 To 50, Deduct	*-77.68*	
		For >50 To 75, Deduct	*-108.75*	
		For >75 To 100, Deduct	*-155.36*	
		For >100, Deduct	*-186.43*	
23 81 16 00-0017		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*		
23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,860.45	99.31
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,045.28	99.31
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,129.29	99.31
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,162.90	99.31
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,465.35	99.31
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,221.49	99.31
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,473.53	99.31
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	3,809.59	99.31
23 81 16 00-0026		Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0027		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*		
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	1,009.98	99.31
		For >10 To 50, Deduct	*-40.57*	
		For >50 To 75, Deduct	*-56.79*	
		For >75 To 100, Deduct	*-81.14*	
		For >100, Deduct	*-97.36*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,164.13	99.31
		For >10 To 50, Deduct	*-48.28*	
		For >50 To 75, Deduct	*-67.59*	
		For >75 To 100, Deduct	*-96.55*	
		For >100, Deduct	*-115.86*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,248.20	99.31
		For >10 To 50, Deduct	*-52.48*	
		For >50 To 75, Deduct	*-73.47*	
		For >75 To 100, Deduct	*-104.96*	
		For >100, Deduct	*-125.95*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,556.49	99.31
		For >10 To 50, Deduct	*-67.89*	
		For >50 To 75, Deduct	*-95.05*	
		For >75 To 100, Deduct	*-135.79*	
		For >100, Deduct	*-162.94*	
23 81 16 00-0032		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*		
23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	2,246.92	99.31
23 81 16 00-0034		Accessories *(23 81 16 00-0001)*		
23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	556.15	57.81
23 81 16 00-0036		Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)* Note: Includes storage and cleaning.		
23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	118.22	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	258.66	
23 81 16 00-0039		Through-The-Wall, Room Air-Conditioners *(23 81 16)* Note: Base unit excludes wall sleeve.		
23 81 16 00-0040		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0041		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*		
23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,400.42	70.93
		For >10 To 50, Deduct	*-62.93*	
		For >50 To 75, Deduct	*-88.10*	
		For >75 To 100, Deduct	*-125.85*	
		For >100, Deduct	*-151.02*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*265.54*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)		1,518.05	70.93
		For >10 To 50, Deduct		*-68.81*	
		For >50 To 75, Deduct		*-96.33*	
		For >75 To 100, Deduct		*-137.62*	
		For >100, Deduct		*-165.14*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)		1,736.48	70.93
		For >10 To 50, Deduct		*-79.73*	
		For >50 To 75, Deduct		*-111.62*	
		For >75 To 100, Deduct		*-159.46*	
		For >100, Deduct		*-191.35*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)		1,518.05	70.93
		For >10 To 50, Deduct		*-68.81*	
		For >50 To 75, Deduct		*-96.33*	
		For >75 To 100, Deduct		*-137.62*	
		For >100, Deduct		*-165.14*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)		1,736.48	70.93
		For >10 To 50, Deduct		*-79.73*	
		For >50 To 75, Deduct		*-111.62*	
		For >75 To 100, Deduct		*-159.46*	
		For >100, Deduct		*-191.35*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)		1,786.89	70.93
		For >10 To 50, Deduct		*-82.25*	
		For >50 To 75, Deduct		*-115.15*	
		For >75 To 100, Deduct		*-164.50*	
		For >100, Deduct		*-197.40*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)		1,921.32	70.93
		For >10 To 50, Deduct		*-88.97*	
		For >50 To 75, Deduct		*-124.56*	
		For >75 To 100, Deduct		*-177.94*	
		For >100, Deduct		*-213.53*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add		*265.54*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		35,805.12	2,018.78
		For Liebert Unit, Add		*4,096.70*	
23 81 23 12-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		39,521.97	2,208.04
		For Liebert Unit, Add		*4,523.95*	
23 81 23 12-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		54,903.90	2,523.48
		For Liebert Unit, Add		*6,393.83*	
23 81 23 12-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		60,124.89	2,681.20
		For Liebert Unit, Add		*7,017.13*	
23 81 23 12-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		65,345.87	2,838.91
		For Liebert Unit, Add		*7,640.43*	
23 81 23 12-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		73,119.82	3,406.69
		For Liebert Unit, Add		*8,497.43*	
23 81 23 12-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		82,657.51	3,785.22
		For Liebert Unit, Add		*9,628.45*	
23 81 23 12-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		86,490.91	3,910.06
		For Liebert Unit, Add		*10,080.71*	
23 81 23 12-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.		94,236.49	4,037.56
		For Liebert Unit, Add		*11,021.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	101,879.75	4,542.25
		For Liebert Unit, Add	*11,890.48*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	21,397.90	1,383.28
		For Liebert Unit, Add	*2,444.19*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	22,988.95	1,532.24
		For Liebert Unit, Add	*2,618.25*	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	28,378.89	2,333.83
		For Liebert Unit, Add	*3,158.39*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	29,679.70	2,364.58
		For Liebert Unit, Add	*3,315.91*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	30,818.88	2,459.16
		For Liebert Unit, Add	*3,440.92*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	31,521.60	2,695.62
		For Liebert Unit, Add	*3,490.93*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,429.18	2,932.08
		For Liebert Unit, Add	*3,690.95*	

23 81 23 12-0020 Floor Mounted Water Source *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	16,527.58	1,261.74
		For Liebert Unit, Add	*1,830.25*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,199.17	1,324.83
		For Liebert Unit, Add	*2,027.35*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	23,642.93	1,387.92
		For Liebert Unit, Add	*2,696.09*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	25,475.51	1,514.09
		For Liebert Unit, Add	*2,900.24*	
23 81 23 12-0025	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,142.85	1,640.26
		For Liebert Unit, Add	*3,209.97*	
23 81 23 12-0026	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	29,237.63	1,766.43
		For Liebert Unit, Add	*3,322.60*	
23 81 23 12-0027	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,522.07	1,892.60
		For Liebert Unit, Add	*3,463.39*	
23 81 23 12-0028	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,376.03	2,018.78
		For Liebert Unit, Add	*3,547.86*	
23 81 23 12-0029	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	35,870.10	2,397.30
		For Liebert Unit, Add	*4,035.93*	

23 81 23 12-0030 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0031	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	43,767.61	1,383.28
		For Liebert Unit, Add	*5,240.41*	
23 81 23 12-0032	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	47,085.68	1,532.24
		For Liebert Unit, Add	*5,630.34*	
23 81 23 12-0033	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	73,044.51	1,716.68
		For Liebert Unit, Add	*8,844.45*	
23 81 23 12-0034	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	75,291.91	1,901.12
		For Liebert Unit, Add	*9,094.64*	
23 81 23 12-0035	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	80,550.60	2,085.55
		For Liebert Unit, Add	*9,721.23*	
23 81 23 12-0036	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	96,481.54	2,364.58
		For Liebert Unit, Add	*11,664.13*	
23 81 23 12-0037	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	105,872.69	2,459.16
		For Liebert Unit, Add	*12,822.65*	
23 81 23 12-0038	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	109,709.56	2,695.62
		For Liebert Unit, Add	*13,264.42*	
23 81 23 12-0039	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	133,854.58	2,932.08
		For Liebert Unit, Add	*16,244.13*	

23 81 23 12-0040 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0041	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	1,891.66	
23 81 23 12-0042	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	1,576.39	

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

23 81 23 13-0001 Horizontal Indoor Single Package Cooling Unit *(23 81 23 13)*

Note: Carrier 50AH With indoor scroll compressor, plenum mounted.

23 81 23 13-0002	EA	2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	18,729.40	567.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 13-0003	EA	3 Ton Horizontal Indoor Single-Package Cooling Unit, 1,200 CFM Nominal	21,938.09	709.37
23 81 23 13-0004	EA	4 Ton Horizontal Indoor Single-Package Cooling Unit, 1,600 CFM Nominal	25,537.45	851.24
23 81 23 13-0005	EA	5 Ton Horizontal Indoor Single-Package Cooling Unit, 2,000 CFM Nominal	29,738.73	945.83

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 13-0001 Split System A/C Unit *(23 81 26 13)*
See CSI section 23 23 16 00-0001 for piping.

23 81 26 13-0002 Ductless Split System Air Conditioners *(23 81 26 13-0001)*
Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.

23 81 26 13-0003 Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,071.22	312.12
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,240.00	340.50
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,811.28	378.34
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,122.22	416.17
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,862.05	454.00
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,676.30	472.92
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,232.02	504.12

23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*
Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	888.22	151.34
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	937.91	160.79
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	988.48	170.25
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,120.77	179.71
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,199.17	189.17
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,507.48	227.00
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,774.72	245.92
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,424.46	264.83

23 81 26 13-0020 Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*
Note: Excludes hangers.

23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,215.16	454.00
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,355.24	541.97
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,783.64	567.50

23 81 26 13-0024 Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*
Note: Excludes hangers.

23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,174.86	378.34
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,706.65	416.17
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,175.08	491.83
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,996.15	541.97
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,604.09	567.50

23 81 26 13-0030 Ductless Split System Accessories *(23 81 26 13-0002)*

23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	12.46	1.35
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	16.21	1.49
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	20.34	1.64
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	20.72	2.54
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	36.71	2.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	41.89	3.07
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	52.32	5.08
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	88.63	5.59
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	99.01	6.15
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	70.73	5.42
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	83.24	5.97
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	130.67	6.56
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	52.32	5.08
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	88.63	5.59
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	99.01	6.15
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	66.94	8.48
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	99.93	9.32
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	120.13	10.25
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	39.88	1.69
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	41.45	5.08
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	69.07	5.59
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	37.11	5.08
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	51.69	5.59
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	55.55	6.15
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	192.19	6.77
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	218.13	7.46
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	107.40	25.42
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	119.06	27.11
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	167.65	28.80
23 81 26 13-0060	EA	End Cap, Set of 4	21.71	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	230.18	50.82
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	244.17	54.21
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	2.82	0.13
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	2.93	0.13
23 81 26 13-0065		Cased A/C Evaporator Coils *(23 81 26 13-0001)*		
23 81 26 13-0066		Vertical Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	666.80	105.12
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	695.34	113.00
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	827.98	120.88
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	944.21	128.77
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,093.52	134.02
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,220.90	139.28
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,311.33	149.80
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,319.82	157.68
23 81 26 13-0075		"A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	818.15	107.74
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	941.59	113.79
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,078.97	120.88
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,117.96	125.25
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,170.44	131.40
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,184.25	138.22
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,197.78	145.06
23 81 26 13-0083		Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	714.05	107.74
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	857.99	120.88
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	991.47	131.40
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,195.96	145.06
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)*		
23 81 26 16-0002		Outdoor Units *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	14,724.45	496.56
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	15,956.16	591.14
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	17,956.93	709.37
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	22,129.86	733.02
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	29,474.98	756.66
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	30,564.82	780.31
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	31,654.66	803.95
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	33,513.56	851.24
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	35,372.45	898.54
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	39,592.66	945.83
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	43,812.88	993.12
23 81 26 16-0014		Indoor Units *(23 81 26 16-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,510.33	153.70
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,587.44	165.52
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,655.64	177.35
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,737.22	189.17
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	1,879.43	224.64
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,096.09	271.93
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,270.80	295.57
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,196.00	169.07
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,271.02	182.07
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,395.06	195.08
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	2,599.28	208.08
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	2,739.69	247.10
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,004.11	299.12
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,159.33	312.12
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,332.37	325.13
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	3,695.91	357.64
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,097.13	393.40
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	4,434.22	432.75
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	5,630.14	476.02
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	6,393.65	523.62
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,495.75	195.08
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	2,631.36	208.08
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	2,774.44	247.10
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,107.47	299.12
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,347.52	325.13
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,101.34	357.65
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,245.01	169.07
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,360.13	182.07
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,537.63	195.08
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	2,670.57	208.08
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,074.99	182.07
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,181.20	195.08
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,291.86	208.08

23 81 26 16-0048 Controllers For Outdoor Units *(23 81 26 16-0001)*

23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	7,991.47	141.88
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	9,241.70	165.52
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	10,211.25	189.17
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	12,120.87	212.81
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	4,452.92	94.58
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	6,859.82	141.88
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	10,485.77	212.81

23 81 26 16-0056 Energy Recovery Units *(23 81 26 16-0001)*

23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	5,647.97	141.88
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	10,709.22	141.88
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	10,858.98	165.52
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,241.36	118.22
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	2,861.20	122.95
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,414.20	127.69
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	6,240.53	141.88

23 81 26 16-0064 Piping Specialties *(23 81 26 16-0001)*

23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	793.05	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	212.46	39.93
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	212.46	39.93
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	235.53	42.03
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	295.05	47.28
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	386.09	68.29
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	656.34	136.59
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	118.27	16.81
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	133.55	23.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0074		Split System Air Conditioners (Daikin VRV) *(23 81 26 16)*		
23 81 26 16-0075		Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ)	23,429.24	496.56
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ)	26,176.92	591.14
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ)	29,168.69	709.37
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ)	36,497.88	733.02
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ)	48,991.37	780.31
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ)	51,793.97	803.95
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ)	54,447.07	851.24
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ)	57,296.96	898.54
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ)	74,317.08	945.83
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	77,166.83	993.12
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	80,016.82	1,040.41
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	82,669.91	1,087.70
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	85,519.81	1,135.00
23 81 26 16-0089		Heat Recovery Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ)	30,000.90	645.53
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ)	32,695.77	768.49
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ)	35,892.17	922.19
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ)	45,203.63	952.93
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ)	61,268.03	1,014.40
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ)	66,052.91	1,045.14
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ)	68,537.56	1,106.62
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ)	71,022.22	1,168.10
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ)	93,679.71	1,229.58
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ)	96,164.35	1,291.06
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ)	101,010.72	1,352.53
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ)	103,495.36	1,414.02
23 81 26 16-0102		Indoor Units *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU)	2,633.32	165.52
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU)	2,752.33	170.25
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU)	3,121.13	177.35
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU)	3,486.80	224.64
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU)	3,815.32	271.93
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU)	3,884.41	182.07
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU)	4,015.50	187.27
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU)	4,218.63	104.04
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU)	4,461.93	247.10
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU)	5,284.49	299.12
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU)	6,051.34	325.13
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU)	6,461.71	357.64
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU)	6,672.50	393.40
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU)	4,356.00	182.07
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU)	4,459.25	187.27
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU)	4,744.07	195.08
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU)	5,043.07	247.10
23 81 26 16-0120		Branch Selector Boxes *(23 81 26 16-0074)*		
23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU)	13,414.96	212.81
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU)	19,854.69	283.75
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU)	2,621.42	94.58
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU)	3,527.37	141.88
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU)	4,361.79	212.81
23 81 26 16-0126		Controllers *(23 81 26 16-0074)*		
23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin BRC1E71)	792.59	18.92
23 81 26 16-0128	EA	Individual Zone Controller (Daikin BRC2A71)	562.36	18.92
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71)	1,124.94	18.92
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin DCS302C71)	1,590.96	18.92
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71)	14,709.75	227.00
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin DCM601A72)	2,788.52	18.92
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1)	609.15	33.37
23 81 26 16-0134		Energy Recovery Units *(23 81 26 16-0074)*		
23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin VAM300GVJU)	4,616.37	118.22
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin VAM470GVJU)	6,003.48	122.95
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin VAM600GVJU)	7,193.78	127.69
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU)	13,469.89	141.88

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0001		**Single Package Thru-Wall Heat Pumps** *(23 81 43)* Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0840 for crane lifting equipment.		
23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,955.91	153.66
		For Unit Economizer, Add	*261.94*	
		For >35 To 70, Deduct	*-49.76*	
		For >70 To 100, Deduct	*-82.94*	
		For >100, Deduct	*-116.12*	
		For Low Ambient Protection, 0 Degree F, Add	*223.56*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,160.73	163.91
		For Unit Economizer, Add	*289.80*	
		For >35 To 70, Deduct	*-55.29*	
		For >70 To 100, Deduct	*-92.16*	
		For >100, Deduct	*-129.02*	
		For Low Ambient Protection, 0 Degree F, Add	*245.28*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,708.97	163.91
		For Unit Economizer, Add	*506.55*	
		For >35 To 70, Deduct	*-101.74*	
		For >70 To 100, Deduct	*-169.57*	
		For >100, Deduct	*-237.40*	
		For Low Ambient Protection, 0 Degree F, Add	*384.62*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,061.22	163.91
		For Unit Economizer, Add	*555.05*	
		For >35 To 70, Deduct	*-111.69*	
		For >70 To 100, Deduct	*-186.16*	
		For >100, Deduct	*-260.62*	
		For Low Ambient Protection, 0 Degree F, Add	*196.21*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,597.79	174.16
		For Unit Economizer, Add	*629.35*	
		For >35 To 70, Deduct	*-127.18*	
		For >70 To 100, Deduct	*-211.96*	
		For >100, Deduct	*-296.75*	
		For Low Ambient Protection, 0 Degree F, Add	*216.81*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,818.97	184.40
		For Unit Economizer, Add	*660.31*	
		For >35 To 70, Deduct	*-133.81*	
		For >70 To 100, Deduct	*-223.02*	
		For >100, Deduct	*-312.23*	
		For Low Ambient Protection, 0 Degree F, Add	*669.49*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,429.28	184.40
		For Unit Economizer, Add	*744.94*	
		For >35 To 70, Deduct	*-151.51*	
		For >70 To 100, Deduct	*-252.51*	
		For >100, Deduct	*-353.52*	
		For Low Ambient Protection, 0 Degree F, Add	*751.29*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,992.46	194.64
		For Unit Economizer, Add	*823.37*	
		For >35 To 70, Deduct	*-168.10*	
		For >70 To 100, Deduct	*-280.16*	
		For >100, Deduct	*-392.22*	
		For Low Ambient Protection, 0 Degree F, Add	*825.73*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,901.77	225.37
		For Unit Economizer, Add	*948.22*	
		For >35 To 70, Deduct	*-193.53*	
		For >70 To 100, Deduct	*-322.55*	
		For >100, Deduct	*-451.57*	
		For Low Ambient Protection, 0 Degree F, Add	*951.32*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	12,670.86	266.35
		For Unit Economizer, Add	*1,752.20*	
		For >35 To 70, Deduct	*-363.84*	
		For >70 To 100, Deduct	*-606.40*	
		For >100, Deduct	*-848.95*	
		For Low Ambient Protection, 0 Degree F, Add	*1,712.37*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	16,316.26	338.06
		For Unit Economizer, Add	*2,256.82*	
		For >35 To 70, Deduct	*-468.90*	
		For >70 To 100, Deduct	*-781.49*	
		For >100, Deduct	*-1,094.09*	
		For Low Ambient Protection, 0 Degree F, Add	*327.89*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	19,926.82	379.05
		For Unit Economizer, Add	*2,759.43*	
		For >35 To 70, Deduct	*-575.06*	
		For >70 To 100, Deduct	*-958.44*	
		For >100, Deduct	*-1,341.81*	
		For Low Ambient Protection, 0 Degree F, Add	*381.21*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	24,590.04	430.26
		For Unit Economizer, Add	*3,408.59*	
		For >35 To 70, Deduct	*-712.19*	
		For >70 To 100, Deduct	*-1,186.99*	
		For >100, Deduct	*-1,661.78*	
		For Low Ambient Protection, 0 Degree F, Add	*449.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	32,771.60	461.00
		For Unit Economizer, Add	*4,551.14*	
		For >35 To 70, Deduct	*-955.49*	
		For >70 To 100, Deduct	*-1,592.48*	
		For >100, Deduct	*-2,229.47*	
		For Low Ambient Protection, 0 Degree F, Add	*549.00*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	39,488.88	501.97
		For Unit Economizer, Add	*5,488.29*	
		For >35 To 70, Deduct	*-1,154.55*	
		For >70 To 100, Deduct	*-1,924.25*	
		For >100, Deduct	*-2,693.95*	
		For Low Ambient Protection, 0 Degree F, Add	*635.84*	
23 81 43 00-0017		Single Package Vertical Wall Heat Pumps *(23 81 43)*		
		Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0840 for crane lifting equipment.		
23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,007.43	204.89
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,654.80	225.37
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,734.02	235.62
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,429.74	256.11
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,793.31	297.08
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,255.08	338.06
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,876.64	379.05
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,864.08	420.02
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,989.22	501.97
23 81 43 00-0027		Heat Pump, Room Air-Conditioners *(23 81 43)*		
		Note: Includes throwaway filters and supplemental heat.		
23 81 43 00-0028		Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*		
23 81 43 00-0029		Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*		
23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,297.32	99.31
		For >10 To 50, Deduct	*-104.93*	
		For >50 To 75, Deduct	*-146.91*	
		For >75 To 100, Deduct	*-209.87*	
		For >100, Deduct	*-251.84*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,599.78	99.31
		For >10 To 50, Deduct	*-120.06*	
		For >50 To 75, Deduct	*-168.08*	
		For >75 To 100, Deduct	*-240.12*	
		For >100, Deduct	*-288.14*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,053.46	99.31
		For >10 To 50, Deduct	*-142.74*	
		For >50 To 75, Deduct	*-199.84*	
		For >75 To 100, Deduct	*-285.48*	
		For >100, Deduct	*-342.58*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,557.55	99.31
		For >10 To 50, Deduct	*-167.95*	
		For >50 To 75, Deduct	*-235.12*	
		For >75 To 100, Deduct	*-335.89*	
		For >100, Deduct	*-403.07*	
23 81 43 00-0034		Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*		
		Note: Base unit excludes wall sleeve.		
23 81 43 00-0035		Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*		
23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,324.59	70.93
		For >10 To 50, Deduct	*-109.14*	
		For >50 To 75, Deduct	*-152.79*	
		For >75 To 100, Deduct	*-218.27*	
		For >100, Deduct	*-261.93*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*265.54*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,324.59	70.93
		For >10 To 50, Deduct	*-109.14*	
		For >50 To 75, Deduct	*-152.79*	
		For >75 To 100, Deduct	*-218.27*	
		For >100, Deduct	*-261.93*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*265.54*	
23 81 46		**Water-Source Unitary Heat Pumps** *(23 81)*		
23 81 46 00-0001		Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps *(23 81 46)*		
		Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 46 00-0002	EA	7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,185.54	210.24
23 81 46 00-0003	EA	9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,287.11	210.24
23 81 46 00-0004	EA	12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,800.91	231.26
23 81 46 00-0005	EA	19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,003.22	252.28
23 81 46 00-0006	EA	24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,293.55	273.30
23 81 46 00-0007	EA	30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,057.91	294.33
23 81 46 00-0008	EA	36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,167.67	315.35
23 81 46 00-0009	EA	42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,638.59	336.37
23 81 46 00-0010	EA	48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,019.21	357.39
23 81 46 00-0011	EA	60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,117.69	378.42

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Split System Heat Pump *(23 81 49)*

See CSI section 23 23 16 00-0001 for piping.

23 81 49 00-0002 Air Cooled, Outdoor Section *(23 81 49 00-0001)*

23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit	3,985.16	304.26
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*714.36*	
		For Winterstart Control, Add	*187.07*	
		For 15 SEER, Add	*634.35*	
		For 16 SEER, Add	*1,022.01*	
		For 18 SEER, Add	*1,550.63*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit	4,105.06	338.06
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*738.84*	
		For Winterstart Control, Add	*194.94*	
		For 15 SEER, Add	*646.71*	
		For 16 SEER, Add	*1,041.92*	
		For 18 SEER, Add	*1,580.85*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit	4,480.69	392.36
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*809.25*	
		For Winterstart Control, Add	*214.88*	
		For 15 SEER, Add	*699.57*	
		For 16 SEER, Add	*1,127.09*	
		For 18 SEER, Add	*1,710.07*	
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit	4,886.88	450.75
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*675.21*	
		For Winterstart Control, Add	*236.45*	
		For 15 SEER, Add	*756.70*	
		For 16 SEER, Add	*1,219.13*	
		For 18 SEER, Add	*1,849.71*	
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit	5,040.98	468.17
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*697.11*	
		For Winterstart Control, Add	*244.19*	
		For 15 SEER, Add	*779.72*	
		For 16 SEER, Add	*1,256.22*	
		For 18 SEER, Add	*1,905.98*	
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	5,602.20	537.83
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*772.15*	
		For Winterstart Control, Add	*270.19*	
		For 15 SEER, Add	*870.10*	
		For 16 SEER, Add	*1,401.83*	
		For 18 SEER, Add	*2,126.91*	
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	6,382.46	591.61
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*488.16*	
		For Winterstart Control, Add	*139.89*	
		For 15 SEER, Add	*996.71*	
		For 16 SEER, Add	*1,605.82*	
		For 18 SEER, Add	*2,436.41*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	6,650.72	662.08
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*521.70*	
		For Winterstart Control, Add	*151.63*	
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	9,213.00	794.50
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*364.80*	
		For Winterstart Control, Add	*194.44*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	12,131.45	926.92
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*410.85*	
		For Winterstart Control, Add	*240.20*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	21,871.93	993.12
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*435.22*	
		For Winterstart Control, Add	*346.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0014		**Indoor Section, Horizontal Upflow** *(23 81 49 00-0001)* Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,147.46	101.20
		For Additional 5 KW Electric Heat, Add	*104.58*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,263.00	126.08
		For Additional 5 KW Electric Heat, Add	*113.69*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,315.88	152.27
		For Additional 5 KW Electric Heat, Add	*116.33*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,777.26	178.29
		For Additional 5 KW Electric Heat, Add	*159.88*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,822.83	200.99
		For Additional 5 KW Electric Heat, Add	*162.16*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,020.95	230.78
		For Additional 5 KW Electric Heat, Add	*179.03*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	4,327.77	378.34
		For Additional 5 KW Electric Heat, Add	*394.94*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	6,398.46	425.63
		For Additional 5 KW Electric Heat, Add	*597.29*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,993.14	472.92
		For Additional 5 KW Electric Heat, Add	*852.02*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	10,217.26	567.50
		For Additional 5 KW Electric Heat, Add	*964.97*	
23 81 49 00-0025		**Ductless Split System Heat Pumps** *(23 81 49 00-0001)* Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.		
23 81 49 00-0026		**Wall Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)*		
23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,250.77	312.12
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,485.98	340.50
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,041.10	378.34
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,503.76	416.17
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,005.09	454.00
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,812.76	472.92
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,380.15	504.12
23 81 49 00-0034		**Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	927.72	151.34
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	978.31	160.79
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,029.78	170.25
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,175.53	179.71
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,253.03	189.17
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,839.64	227.00
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,371.71	245.92
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,508.02	264.83
23 81 49 00-0043		**Suspended Ceiling Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,358.80	454.00
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,503.37	541.97
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,873.41	567.50
23 81 49 00-0047		**Recessed Ceiling Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,533.96	378.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,009.18	416.17
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,318.72	491.83
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,144.28	541.97
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,693.87	567.50

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001 Chilled Water Cooling Coils *(23 82 16 11)*

Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,772.32	52.56
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,951.08	71.48
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,962.92	112.48
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,771.61	160.82
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,048.53	197.62
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,639.56	239.66
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,030.11	277.50
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,510.20	490.26
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,072.27	186.37
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,202.64	317.34
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,815.26	394.19
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,356.79	476.07
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,930.65	554.38

23 82 16 11-0016 4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,195.62	109.32
23 82 16 11-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,542.28	157.68
23 82 16 11-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,808.28	262.79
23 82 16 11-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,852.00	389.98
23 82 16 11-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,753.73	478.28
23 82 16 11-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,020.29	584.44
23 82 16 11-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,912.75	701.12
23 82 16 11-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,657.93	816.12
23 82 16 11-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,513.93	352.24
23 82 16 11-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,997.91	529.79
23 82 16 11-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,741.22	656.98
23 82 16 11-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,609.16	791.53
23 82 16 11-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,419.01	925.34

23 82 16 11-0030 6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,109.79	138.76
23 82 16 11-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,640.72	206.02
23 82 16 11-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,917.59	351.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,651.63	525.58
23 82 16 11-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,759.27	656.98
23 82 16 11-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,919.03	808.34
23 82 16 11-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,530.82	955.50
23 82 16 11-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,874.09	1,113.49
23 82 16 11-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,881.82	481.33
23 82 16 11-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,752.48	721.94
23 82 16 11-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,803.30	904.00
23 82 16 11-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,819.27	1,085.96
23 82 16 11-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,841.70	1,263.39
23 82 16 11-0044		**8 Row Chilled Water Cooling Coils** *(23 82 16 11-0001)*		
23 82 16 11-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,891.64	167.13
23 82 16 11-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,729.58	256.49
23 82 16 11-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,008.67	457.26
23 82 16 11-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,242.19	701.12
23 82 16 11-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,075.06	876.68
23 82 16 11-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,842.04	1,051.17
23 82 16 11-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,788.71	1,167.84
23 82 16 11-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,437.11	1,354.64
23 82 16 11-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,832.33	586.55
23 82 16 11-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,985.86	881.82
23 82 16 11-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,202.82	1,098.46
23 82 16 11-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,356.28	1,313.95
23 82 16 11-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,570.97	1,545.84
23 82 16 11-0058		**Hot Water Heating Coils** *(23 82 16 11)*		
		Note: Flanged construction.		
23 82 16 11-0059		**1 Row Hot Water Heating Coils** *(23 82 16 11-0058)*		
23 82 16 11-0060	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,376.37	141.90
		For 10 Fins Per Inch, Add	*21.85*	
		For 12 Fins Per Inch, Add	*54.61*	
		For 230 PSIG Heavy Duty, Add	*303.68*	
23 82 16 11-0061	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,050.52	181.85
		For 10 Fins Per Inch, Add	*33.76*	
		For 12 Fins Per Inch, Add	*84.40*	
		For 230 PSIG Heavy Duty, Add	*446.35*	
23 82 16 11-0062	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,486.49	250.18
		For 10 Fins Per Inch, Add	*39.72*	
		For 12 Fins Per Inch, Add	*99.30*	
		For 230 PSIG Heavy Duty, Add	*547.35*	
23 82 16 11-0063	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,934.96	351.09
		For 10 Fins Per Inch, Add	*44.68*	
		For 12 Fins Per Inch, Add	*111.71*	
		For 230 PSIG Heavy Duty, Add	*657.07*	
23 82 16 11-0064	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,323.36	420.47
		For 10 Fins Per Inch, Add	*49.65*	
		For 12 Fins Per Inch, Add	*124.12*	
		For 230 PSIG Heavy Duty, Add	*748.77*	
23 82 16 11-0065	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	3,881.14	525.58
		For 10 Fins Per Inch, Add	*56.60*	
		For 12 Fins Per Inch, Add	*141.50*	
		For 230 PSIG Heavy Duty, Add	*881.35*	
23 82 16 11-0066	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	4,345.47	583.40
		For 10 Fins Per Inch, Add	*63.55*	
		For 12 Fins Per Inch, Add	*158.88*	
		For 230 PSIG Heavy Duty, Add	*985.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0067	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	5,389.25	678.31
		For 10 Fins Per Inch, Add	*80.55*	
		For 12 Fins Per Inch, Add	*201.38*	
		For 230 PSIG Heavy Duty, Add	*1,214.01*	
23 82 16 11-0068	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,326.84	293.91
		For 10 Fins Per Inch, Add	*34.78*	
		For 12 Fins Per Inch, Add	*86.95*	
		For 230 PSIG Heavy Duty, Add	*524.16*	
23 82 16 11-0069	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,490.23	440.96
		For 10 Fins Per Inch, Add	*52.17*	
		For 12 Fins Per Inch, Add	*130.42*	
		For 230 PSIG Heavy Duty, Add	*786.23*	
23 82 16 11-0070	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,246.56	666.96
		For 10 Fins Per Inch, Add	*78.25*	
		For 12 Fins Per Inch, Add	*195.63*	
		For 230 PSIG Heavy Duty, Add	*1,182.71*	
23 82 16 11-0071	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,110.48	772.92
		For 10 Fins Per Inch, Add	*91.29*	
		For 12 Fins Per Inch, Add	*228.23*	
		For 230 PSIG Heavy Duty, Add	*1,376.68*	
23 82 16 11-0072	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	277.67	38.89
		For 10 Fins Per Inch, Add	*4.00*	
		For 12 Fins Per Inch, Add	*9.99*	
		For 230 PSIG Heavy Duty, Add	*63.31*	

23 82 16 11-0073 2 Row Hot Water Heating Coils *(23 82 16 11-0058)*

23 82 16 11-0074	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,237.04	175.54
		For 10 Fins Per Inch, Add	*37.73*	
		For 12 Fins Per Inch, Add	*94.33*	
		For 230 PSIG Heavy Duty, Add	*482.45*	
23 82 16 11-0075	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,403.49	233.36
		For 10 Fins Per Inch, Add	*38.73*	
		For 12 Fins Per Inch, Add	*96.82*	
		For 230 PSIG Heavy Duty, Add	*527.42*	
23 82 16 11-0076	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,232.85	351.09
		For 10 Fins Per Inch, Add	*50.64*	
		For 12 Fins Per Inch, Add	*126.60*	
		For 230 PSIG Heavy Duty, Add	*716.65*	
23 82 16 11-0077	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,880.73	500.35
		For 10 Fins Per Inch, Add	*57.59*	
		For 12 Fins Per Inch, Add	*143.98*	
		For 230 PSIG Heavy Duty, Add	*876.26*	
23 82 16 11-0078	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,463.83	618.08
		For 10 Fins Per Inch, Add	*64.54*	
		For 12 Fins Per Inch, Add	*161.36*	
		For 230 PSIG Heavy Duty, Add	*1,016.43*	
23 82 16 11-0079	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	4,728.82	750.53
		For 10 Fins Per Inch, Add	*64.54*	
		For 12 Fins Per Inch, Add	*161.36*	
		For 230 PSIG Heavy Duty, Add	*1,095.93*	
23 82 16 11-0080	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	5,326.64	876.68
		For 10 Fins Per Inch, Add	*71.49*	
		For 12 Fins Per Inch, Add	*178.74*	
		For 230 PSIG Heavy Duty, Add	*1,240.52*	
23 82 16 11-0081	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	6,568.25	1,018.58
		For 10 Fins Per Inch, Add	*90.62*	
		For 12 Fins Per Inch, Add	*226.56*	
		For 230 PSIG Heavy Duty, Add	*1,517.36*	
23 82 16 11-0082	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	2,835.17	439.49
		For 10 Fins Per Inch, Add	*39.13*	
		For 12 Fins Per Inch, Add	*97.81*	
		For 230 PSIG Heavy Duty, Add	*654.92*	
23 82 16 11-0083	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,254.97	660.24
		For 10 Fins Per Inch, Add	*58.69*	
		For 12 Fins Per Inch, Add	*146.72*	
		For 230 PSIG Heavy Duty, Add	*983.05*	
23 82 16 11-0084	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,392.46	995.45
		For 10 Fins Per Inch, Add	*88.03*	
		For 12 Fins Per Inch, Add	*220.08*	
		For 230 PSIG Heavy Duty, Add	*1,477.58*	
23 82 16 11-0085	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,460.86	1,162.80
		For 10 Fins Per Inch, Add	*102.71*	
		For 12 Fins Per Inch, Add	*256.76*	
		For 230 PSIG Heavy Duty, Add	*1,724.73*	

23 82 16 11-0086 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0087	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,820.11	133.50
23 82 16 11-0088	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,336.46	132.45
23 82 16 11-0089	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,870.79	141.90
23 82 16 11-0090	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,337.73	154.52
23 82 16 11-0091	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,351.99	161.88
23 82 16 11-0092	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,062.73	170.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0093	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,205.18	191.32
23 82 16 11-0094	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,649.17	214.44
23 82 16 11-0095	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,229.38	256.49
23 82 16 11-0096	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,702.51	269.10
23 82 16 11-0097	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	7,320.40	284.86
23 82 16 11-0098	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	9,318.20	389.98
23 82 16 11-0099	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,709.50	478.28
23 82 16 11-0100	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	13,652.64	500.35
23 82 16 11-0101	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	16,037.71	583.40

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,165.04	98.81
		For 2 Row Coil, Add	*688.81*	
		For 4 Row Coil, Add	*1,816.52*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,382.20	136.65
		For 2 Row Coil, Add	*769.27*	
		For 4 Row Coil, Add	*2,023.16*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,090.22	244.92
		For 2 Row Coil, Add	*1,024.85*	
		For 4 Row Coil, Add	*2,682.41*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	3,864.53	351.09
		For 2 Row Coil, Add	*1,299.51*	
		For 4 Row Coil, Add	*3,392.96*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,285.91	420.47
		For 2 Row Coil, Add	*1,453.96*	
		For 4 Row Coil, Add	*3,790.33*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	4,777.37	525.58
		For 2 Row Coil, Add	*1,643.45*	
		For 4 Row Coil, Add	*4,273.90*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	5,245.69	583.40
		For 2 Row Coil, Add	*1,807.30*	
		For 4 Row Coil, Add	*4,698.77*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	6,530.29	680.84
		For 2 Row Coil, Add	*2,231.41*	
		For 4 Row Coil, Add	*5,809.72*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	2,819.48	293.91
		For 2 Row Coil, Add	*963.42*	
		For 4 Row Coil, Add	*2,508.38*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,229.22	440.96
		For 2 Row Coil, Add	*1,445.14*	
		For 4 Row Coil, Add	*3,762.57*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,341.57	660.24
		For 2 Row Coil, Add	*2,166.58*	
		For 4 Row Coil, Add	*5,641.10*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,403.69	772.92
		For 2 Row Coil, Add	*2,530.27*	
		For 4 Row Coil, Add	*6,587.65*	

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,700.33	78.84
		For 10 Fins Per Inch, Add	*30.85*	
		For 12 Fins Per Inch, Add	*77.11*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,301.26	108.27
		For 10 Fins Per Inch, Add	*61.69*	
		For 12 Fins Per Inch, Add	*154.23*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,538.31	170.29
		For 10 Fins Per Inch, Add	*83.98*	
		For 12 Fins Per Inch, Add	*209.96*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,451.63	244.92
		For 10 Fins Per Inch, Add	*99.25*	
		For 12 Fins Per Inch, Add	*248.14*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,326.87	299.58
		For 10 Fins Per Inch, Add	*114.52*	
		For 12 Fins Per Inch, Add	*286.31*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,061.95	362.65
		For 10 Fins Per Inch, Add	*126.74*	
		For 12 Fins Per Inch, Add	*316.85*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,094.13	420.47
		For 10 Fins Per Inch, Add	*145.06*	
		For 12 Fins Per Inch, Add	*362.66*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,174.33	490.26
		For 10 Fins Per Inch, Add	*183.88*	
		For 12 Fins Per Inch, Add	*459.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,907.37	186.37
		For 10 Fins Per Inch, Add	*70.69*	
		For 12 Fins Per Inch, Add	*176.73*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,999.01	317.34
		For 10 Fins Per Inch, Add	*87.29*	
		For 12 Fins Per Inch, Add	*218.21*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,115.89	476.07
		For 10 Fins Per Inch, Add	*103.28*	
		For 12 Fins Per Inch, Add	*258.19*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,670.98	554.38
		For 10 Fins Per Inch, Add	*111.24*	
		For 12 Fins Per Inch, Add	*278.11*	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,837.78	109.32
		For 10 Fins Per Inch, Add	*52.38*	
		For 12 Fins Per Inch, Add	*130.94*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,054.91	157.68
		For 10 Fins Per Inch, Add	*74.82*	
		For 12 Fins Per Inch, Add	*187.06*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,488.30	262.79
		For 10 Fins Per Inch, Add	*99.25*	
		For 12 Fins Per Inch, Add	*248.14*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,657.55	389.98
		For 10 Fins Per Inch, Add	*117.58*	
		For 12 Fins Per Inch, Add	*293.95*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,674.37	478.28
		For 10 Fins Per Inch, Add	*134.38*	
		For 12 Fins Per Inch, Add	*335.94*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,108.31	584.44
		For 10 Fins Per Inch, Add	*158.81*	
		For 12 Fins Per Inch, Add	*397.02*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,105.39	701.12
		For 10 Fins Per Inch, Add	*174.08*	
		For 12 Fins Per Inch, Add	*435.19*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,773.48	816.12
		For 10 Fins Per Inch, Add	*162.82*	
		For 12 Fins Per Inch, Add	*407.06*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,277.57	352.24
		For 10 Fins Per Inch, Add	*111.46*	
		For 12 Fins Per Inch, Add	*278.65*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,940.80	529.79
		For 10 Fins Per Inch, Add	*137.62*	
		For 12 Fins Per Inch, Add	*344.06*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,890.96	931.86
		For 10 Fins Per Inch, Add	*200.54*	
		For 12 Fins Per Inch, Add	*501.36*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,600.32	1,085.96
		For 10 Fins Per Inch, Add	*228.57*	
		For 12 Fins Per Inch, Add	*571.42*	

23 82 16 13-0028 6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,636.00	137.70
		For 10 Fins Per Inch, Add	*67.19*	
		For 12 Fins Per Inch, Add	*167.97*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,153.35	206.02
		For 10 Fins Per Inch, Add	*74.82*	
		For 12 Fins Per Inch, Add	*187.06*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,968.89	351.09
		For 10 Fins Per Inch, Add	*105.36*	
		For 12 Fins Per Inch, Add	*263.41*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,540.88	525.58
		For 10 Fins Per Inch, Add	*129.79*	
		For 12 Fins Per Inch, Add	*324.49*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,941.44	656.98
		For 10 Fins Per Inch, Add	*172.55*	
		For 12 Fins Per Inch, Add	*431.37*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,237.21	808.34
		For 10 Fins Per Inch, Add	*192.40*	
		For 12 Fins Per Inch, Add	*481.00*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,058.24	955.50
		For 10 Fins Per Inch, Add	*222.94*	
		For 12 Fins Per Inch, Add	*557.35*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,247.08	1,113.49
		For 10 Fins Per Inch, Add	*200.40*	
		For 12 Fins Per Inch, Add	*501.00*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,821.68	481.33
		For 10 Fins Per Inch, Add	*137.18*	
		For 12 Fins Per Inch, Add	*342.95*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,912.95	721.94
		For 10 Fins Per Inch, Add	*169.38*	
		For 12 Fins Per Inch, Add	*423.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,174.52	1,077.02
		For 10 Fins Per Inch, Add	*200.41*	
		For 12 Fins Per Inch, Add	*501.02*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,320.73	1,263.39
		For 10 Fins Per Inch, Add	*215.88*	
		For 12 Fins Per Inch, Add	*539.70*	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,532.92	166.09
		For 10 Fins Per Inch, Add	*83.98*	
		For 12 Fins Per Inch, Add	*209.96*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,399.13	256.49
		For 10 Fins Per Inch, Add	*97.73*	
		For 12 Fins Per Inch, Add	*244.32*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,976.38	457.26
		For 10 Fins Per Inch, Add	*141.25*	
		For 12 Fins Per Inch, Add	*353.12*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,487.14	701.12
		For 10 Fins Per Inch, Add	*181.71*	
		For 12 Fins Per Inch, Add	*454.28*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,555.40	876.68
		For 10 Fins Per Inch, Add	*216.07*	
		For 12 Fins Per Inch, Add	*540.17*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,547.30	1,051.17
		For 10 Fins Per Inch, Add	*248.90*	
		For 12 Fins Per Inch, Add	*622.25*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,765.98	1,167.84
		For 10 Fins Per Inch, Add	*288.60*	
		For 12 Fins Per Inch, Add	*721.50*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,981.72	1,354.64
		For 10 Fins Per Inch, Add	*225.45*	
		For 12 Fins Per Inch, Add	*563.63*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,889.68	586.55
		For 10 Fins Per Inch, Add	*154.33*	
		For 12 Fins Per Inch, Add	*385.83*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,291.39	881.82
		For 10 Fins Per Inch, Add	*190.55*	
		For 12 Fins Per Inch, Add	*476.39*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,927.50	1,327.20
		For 10 Fins Per Inch, Add	*225.46*	
		For 12 Fins Per Inch, Add	*563.65*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,234.89	1,545.84
		For 10 Fins Per Inch, Add	*242.86*	
		For 12 Fins Per Inch, Add	*607.16*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	463.62	72.83
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	475.74	78.51
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	490.07	86.07
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	494.89	88.91
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	507.27	94.58
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	521.51	102.15
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	601.19	114.44
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	612.73	120.12
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	622.19	123.90
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	636.01	131.47
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	696.90	139.04
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	723.82	152.27
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	750.59	165.52
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	778.88	178.76
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,079.46	249.70
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,957.28	265.78
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,149.26	304.56
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,543.20	337.66
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,666.22	366.98
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,921.31	402.92
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,599.58	430.36
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,956.27	462.51
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,814.06	499.39
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,425.17	542.90

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	816.37	104.04
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	840.43	113.50
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	850.32	113.50
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	918.87	124.85

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	960.38	124.85
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	982.46	124.85
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,030.76	139.04
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,073.96	156.07
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,096.05	156.07
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,233.75	178.76
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,586.75	178.76
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,684.77	193.90
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,985.41	208.08
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,365.29	208.08
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,582.72	217.54
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,714.44	217.54

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,022.59	170.29
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.95*	
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,222.90	198.67
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.83*	
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,460.18	223.90
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.37*	
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,855.02	256.49
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.64*	
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,210.70	269.10
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.43*	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,410.96	284.86
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.61*	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,376.04	309.05
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.37*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,080.20	170.29
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.95*	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,318.93	198.67
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.83*	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,570.85	223.90
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.37*	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,074.61	256.49
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.64*	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,466.88	270.15
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.43*	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,776.94	284.86
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.61*	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,071.40	309.05
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.37*	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,949.39	169.24
		For Fan Coil Units Without Cabinet, Deduct	*-258.50*	
		For Thru-Wall Sleeve, Add	*122.82*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.95*	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,226.56	198.67
		For Fan Coil Units Without Cabinet, Deduct	*-294.32*	
		For Thru-Wall Sleeve, Add	*134.33*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.83*	
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,643.17	223.90
		For Fan Coil Units Without Cabinet, Deduct	*-351.75*	
		For Thru-Wall Sleeve, Add	*144.46*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.37*	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,038.01	256.49
		For Fan Coil Units Without Cabinet, Deduct	*-404.43*	
		For Thru-Wall Sleeve, Add	*157.55*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.64*	
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,430.29	270.15
		For Fan Coil Units Without Cabinet, Deduct	*-460.64*	
		For Thru-Wall Sleeve, Add	*162.81*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.43*	
23 82 19 00-0025	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,410.96	284.86
		For Fan Coil Units Without Cabinet, Deduct	*-604.83*	
		For Thru-Wall Sleeve, Add	*168.64*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0026	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,193.06	309.05
		For Fan Coil Units Without Cabinet, Deduct	*-717.13*	
		For Thru-Wall Sleeve, Add	*178.67*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.37*	
23 82 19 00-0027		Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0018)*		
23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,168.98	169.24
		For Fan Coil Units Without Cabinet, Deduct	*-291.44*	
		For Thru-Wall Sleeve, Add	*122.82*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.95*	
23 82 19 00-0029	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,446.15	198.67
		For Fan Coil Units Without Cabinet, Deduct	*-327.26*	
		For Thru-Wall Sleeve, Add	*134.33*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.83*	
23 82 19 00-0030	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,009.15	223.90
		For Fan Coil Units Without Cabinet, Deduct	*-406.64*	
		For Thru-Wall Sleeve, Add	*144.46*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.37*	
23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,440.58	256.49
		For Fan Coil Units Without Cabinet, Deduct	*-464.81*	
		For Thru-Wall Sleeve, Add	*157.55*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.64*	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,832.86	270.15
		For Fan Coil Units Without Cabinet, Deduct	*-521.02*	
		For Thru-Wall Sleeve, Add	*162.81*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.43*	
23 82 19 00-0033	EA	1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,593.95	284.86
		For Fan Coil Units Without Cabinet, Deduct	*-632.27*	
		For Thru-Wall Sleeve, Add	*168.64*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.61*	
23 82 19 00-0034	EA	1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,376.04	309.05
		For Fan Coil Units Without Cabinet, Deduct	*-744.57*	
		For Thru-Wall Sleeve, Add	*178.67*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.37*	
23 82 19 00-0035		Removal And Reinstallation Of Fan Coil Units *(23 82 19)* Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0036	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	446.93	
23 82 29		**Radiators** *(23 82)*		
23 82 29 00-0001		Demolish Cast Iron Radiators *(23 82 29)*		
23 82 29 00-0002	LF	Demolish Cast Iron Radiator	31.52	
23 82 29 00-0003	EA	Cap Radiator	51.53	
23 82 29 00-0004		Cast Iron Radiator *(23 82 29)*		
23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	66.26	
		For Wall Support Bracket, Add	*27.59*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	97.10	
		For Wall Support Bracket, Add	*28.96*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	114.06	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	145.64	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	89.95	
23 82 29 00-0010		Radiator Covers *(23 82 29)* Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	121.77	5.13
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	75.31	5.13
23 82 29 00-0013		Radiator Shields *(23 82 29)*		
23 82 29 00-0014	SF	Stainless Steel Radiator Shield	73.98	5.13
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	45.72	5.13
23 82 29 00-0016		Removal And Reinstallation Of Radiator *(23 82 29)* Note: Includes storage and cleaning.		
23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	78.84	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	52.56	
23 82 33		**Convectors** *(23 82)*		
23 82 33 00-0001		Multi-Fin Convectors For Two-Pipe System *(23 82 33)* Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	485.82	115.63
		For Metal Trim Strips, Add	*58.56*	
		For Snap-On Inlet Grille, Add	*45.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*108.72*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	570.77	126.14
		For Metal Trim Strips, Add	*63.34*	
		For Snap-On Inlet Grille, Add	*48.22*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*132.88*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	657.38	149.26
		For Metal Trim Strips, Add	*73.79*	
		For Snap-On Inlet Grille, Add	*55.19*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*151.00*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	786.32	173.44
		For Metal Trim Strips, Add	*84.83*	
		For Snap-On Inlet Grille, Add	*62.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*183.24*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	937.89	208.13
		For Metal Trim Strips, Add	*100.59*	
		For Snap-On Inlet Grille, Add	*73.06*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*217.91*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,054.28	228.95
		For Metal Trim Strips, Add	*110.03*	
		For Snap-On Inlet Grille, Add	*79.36*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*247.63*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,226.88	277.50
		For Metal Trim Strips, Add	*132.10*	
		For Snap-On Inlet Grille, Add	*94.07*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*282.29*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,338.07	294.85
		For Metal Trim Strips, Add	*139.99*	
		For Snap-On Inlet Grille, Add	*99.32*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*312.01*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,461.33	329.54
		For Metal Trim Strips, Add	*155.74*	
		For Snap-On Inlet Grille, Add	*109.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*336.77*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,612.97	364.23
		For Metal Trim Strips, Add	*171.52*	
		For Snap-On Inlet Grille, Add	*120.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*371.43*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,736.24	398.91
		For Metal Trim Strips, Add	*187.28*	
		For Snap-On Inlet Grille, Add	*130.85*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*396.20*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	573.26	152.10
		For Metal Trim Strips, Add	*74.44*	
		For Snap-On Inlet Grille, Add	*55.62*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*120.80*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	672.80	176.70
		For Metal Trim Strips, Add	*85.47*	
		For Snap-On Inlet Grille, Add	*62.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*142.76*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	813.01	207.50
		For Metal Trim Strips, Add	*99.30*	
		For Snap-On Inlet Grille, Add	*72.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*175.71*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	951.15	231.37
		For Metal Trim Strips, Add	*110.01*	
		For Snap-On Inlet Grille, Add	*79.34*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*211.56*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,108.72	260.17
		For Metal Trim Strips, Add	*122.97*	
		For Snap-On Inlet Grille, Add	*87.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*251.59*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,239.33	281.82
		For Metal Trim Strips, Add	*132.75*	
		For Snap-On Inlet Grille, Add	*94.50*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*285.89*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,413.39	321.13
		For Metal Trim Strips, Add	*150.66*	
		For Snap-On Inlet Grille, Add	*106.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*325.92*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,540.49	340.79
		For Metal Trim Strips, Add	*159.38*	
		For Snap-On Inlet Grille, Add	*112.25*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*360.23*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,667.67	371.58
		For Metal Trim Strips, Add	*173.03*	
		For Snap-On Inlet Grille, Add	*121.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*388.82*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,828.00	401.76
		For Metal Trim Strips, Add	*186.82*	
		For Snap-On Inlet Grille, Add	*130.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*428.84*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,951.05	429.40
		For Metal Trim Strips, Add	*199.23*	
		For Snap-On Inlet Grille, Add	*138.82*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*457.43*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	659.82	185.01
		For Metal Trim Strips, Add	*90.05*	
		For Snap-On Inlet Grille, Add	*66.03*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*132.88*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	787.77	223.90
		For Metal Trim Strips, Add	*107.73*	
		For Snap-On Inlet Grille, Add	*77.82*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*157.04*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	948.58	261.74
		For Metal Trim Strips, Add	*124.91*	
		For Snap-On Inlet Grille, Add	*89.27*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*193.28*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,095.86	284.45
		For Metal Trim Strips, Add	*135.29*	
		For Snap-On Inlet Grille, Add	*96.19*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*232.72*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,255.98	307.36
		For Metal Trim Strips, Add	*145.58*	
		For Snap-On Inlet Grille, Add	*103.06*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*276.75*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,397.65	329.54
		For Metal Trim Strips, Add	*155.74*	
		For Snap-On Inlet Grille, Add	*109.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*314.48*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,565.70	357.29
		For Metal Trim Strips, Add	*168.42*	
		For Snap-On Inlet Grille, Add	*118.28*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*358.51*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,708.44	380.20
		For Metal Trim Strips, Add	*178.89*	
		For Snap-On Inlet Grille, Add	*125.26*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*396.25*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,836.13	405.86
		For Metal Trim Strips, Add	*190.24*	
		For Snap-On Inlet Grille, Add	*132.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*427.70*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,999.70	430.13
		For Metal Trim Strips, Add	*201.58*	
		For Snap-On Inlet Grille, Add	*140.38*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*471.72*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,120.56	450.95
		For Metal Trim Strips, Add	*210.88*	
		For Snap-On Inlet Grille, Add	*146.59*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*503.17*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	493.93	101.42
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	545.36	101.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0042		6" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	569.10	101.42
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	648.23	101.42
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	717.47	101.42
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	826.28	101.42
23 82 36		**Finned-Tube Radiation Heaters** *(23 82)*		
23 82 36 00-0001		Finned Tube Baseboard Units *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002		3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	319.12	41.00
		For 90 Degree Corner, Add	*49.67*	
		For Valve Enclosure, Add	*49.67*	
		For Filler Piece, Add	*42.67*	
		For End Cap, Add	*33.78*	
		For Copper Tube With Aluminum Fins, Add	*6.64*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	420.09	62.01
		For 90 Degree Corner, Add	*57.78*	
		For Valve Enclosure, Add	*57.78*	
		For Filler Piece, Add	*50.78*	
		For End Cap, Add	*39.06*	
		For Copper Tube With Aluminum Fins, Add	*9.97*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	504.37	81.99
		For 90 Degree Corner, Add	*62.56*	
		For Valve Enclosure, Add	*62.56*	
		For Filler Piece, Add	*55.56*	
		For End Cap, Add	*42.16*	
		For Copper Tube With Aluminum Fins, Add	*13.29*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	628.36	114.79
		For 90 Degree Corner, Add	*75.59*	
		For Valve Enclosure, Add	*75.59*	
		For Filler Piece, Add	*68.59*	
		For End Cap, Add	*50.63*	
		For Copper Tube With Aluminum Fins, Add	*16.52*	
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	751.78	137.91
		For 90 Degree Corner, Add	*88.83*	
		For Valve Enclosure, Add	*88.83*	
		For Filler Piece, Add	*81.83*	
		For End Cap, Add	*59.24*	
		For Copper Tube With Aluminum Fins, Add	*19.67*	
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	849.61	147.16
		For 90 Degree Corner, Add	*94.09*	
		For Valve Enclosure, Add	*94.09*	
		For Filler Piece, Add	*87.09*	
		For End Cap, Add	*62.66*	
		For Copper Tube With Aluminum Fins, Add	*23.60*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	936.68	162.62
		For 90 Degree Corner, Add	*102.93*	
		For Valve Enclosure, Add	*102.93*	
		For Filler Piece, Add	*95.93*	
		For End Cap, Add	*68.40*	
		For Copper Tube With Aluminum Fins, Add	*25.96*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,069.15	183.96
		For 90 Degree Corner, Add	*115.12*	
		For Valve Enclosure, Add	*115.12*	
		For Filler Piece, Add	*108.12*	
		For End Cap, Add	*76.33*	
		For Copper Tube With Aluminum Fins, Add	*29.90*	
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,178.98	202.34
		For 90 Degree Corner, Add	*125.64*	
		For Valve Enclosure, Add	*125.64*	
		For Filler Piece, Add	*118.64*	
		For End Cap, Add	*83.16*	
		For Copper Tube With Aluminum Fins, Add	*33.04*	
23 82 36 00-0012		1" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	370.90	41.00
		For 90 Degree Corner, Add	*49.67*	
		For Valve Enclosure, Add	*49.67*	
		For Filler Piece, Add	*42.67*	
		For End Cap, Add	*33.78*	
		For Copper Tube With Aluminum Fins, Add	*9.49*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	497.75	62.01
		For 90 Degree Corner, Add	*57.78*	
		For Valve Enclosure, Add	*57.78*	
		For Filler Piece, Add	*50.78*	
		For End Cap, Add	*39.06*	
		For Copper Tube With Aluminum Fins, Add	*14.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	607.92	81.99
		For 90 Degree Corner, Add	*62.56*	
		For Valve Enclosure, Add	*62.56*	
		For Filler Piece, Add	*55.56*	
		For End Cap, Add	*42.16*	
		For Copper Tube With Aluminum Fins, Add	*18.98*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	757.23	114.79
		For 90 Degree Corner, Add	*75.62*	
		For Valve Enclosure, Add	*75.62*	
		For Filler Piece, Add	*68.62*	
		For End Cap, Add	*50.65*	
		For Copper Tube With Aluminum Fins, Add	*23.60*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	904.88	137.91
		For 90 Degree Corner, Add	*88.80*	
		For Valve Enclosure, Add	*88.80*	
		For Filler Piece, Add	*81.80*	
		For End Cap, Add	*59.22*	
		For Copper Tube With Aluminum Fins, Add	*28.10*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,033.54	147.16
		For 90 Degree Corner, Add	*94.09*	
		For Valve Enclosure, Add	*94.09*	
		For Filler Piece, Add	*87.09*	
		For End Cap, Add	*62.66*	
		For Copper Tube With Aluminum Fins, Add	*33.72*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,138.66	162.62
		For 90 Degree Corner, Add	*102.86*	
		For Valve Enclosure, Add	*102.86*	
		For Filler Piece, Add	*95.86*	
		For End Cap, Add	*68.36*	
		For Copper Tube With Aluminum Fins, Add	*37.09*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,302.13	183.96
		For 90 Degree Corner, Add	*115.12*	
		For Valve Enclosure, Add	*115.12*	
		For Filler Piece, Add	*108.12*	
		For End Cap, Add	*76.33*	
		For Copper Tube With Aluminum Fins, Add	*42.71*	
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,435.85	202.34
		For 90 Degree Corner, Add	*125.51*	
		For Valve Enclosure, Add	*125.51*	
		For Filler Piece, Add	*118.51*	
		For End Cap, Add	*83.08*	
		For Copper Tube With Aluminum Fins, Add	*47.21*	

23 82 36 00-0022 1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*

23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	422.67	41.00
		For 90 Degree Corner, Add	*49.67*	
		For Valve Enclosure, Add	*49.67*	
		For Filler Piece, Add	*42.67*	
		For End Cap, Add	*33.78*	
		For Copper Tube With Aluminum Fins, Add	*12.34*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	575.41	62.01
		For 90 Degree Corner, Add	*57.78*	
		For Valve Enclosure, Add	*57.78*	
		For Filler Piece, Add	*50.78*	
		For End Cap, Add	*39.06*	
		For Copper Tube With Aluminum Fins, Add	*18.51*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	711.46	81.99
		For 90 Degree Corner, Add	*62.56*	
		For Valve Enclosure, Add	*62.56*	
		For Filler Piece, Add	*55.56*	
		For End Cap, Add	*42.16*	
		For Copper Tube With Aluminum Fins, Add	*24.68*	
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	885.97	114.79
		For 90 Degree Corner, Add	*75.62*	
		For Valve Enclosure, Add	*75.62*	
		For Filler Piece, Add	*68.62*	
		For End Cap, Add	*50.65*	
		For Copper Tube With Aluminum Fins, Add	*30.68*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,058.14	137.91
		For 90 Degree Corner, Add	*88.80*	
		For Valve Enclosure, Add	*88.80*	
		For Filler Piece, Add	*81.80*	
		For End Cap, Add	*59.22*	
		For Copper Tube With Aluminum Fins, Add	*36.53*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,217.45	147.16
		For 90 Degree Corner, Add	*94.09*	
		For Valve Enclosure, Add	*94.09*	
		For Filler Piece, Add	*87.09*	
		For End Cap, Add	*62.66*	
		For Copper Tube With Aluminum Fins, Add	*43.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,340.97	162.62
		For 90 Degree Corner, Add	*102.86*	
		For Valve Enclosure, Add	*102.86*	
		For Filler Piece, Add	*95.86*	
		For End Cap, Add	*68.36*	
		For Copper Tube With Aluminum Fins, Add	*48.22*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,535.09	183.96
		For 90 Degree Corner, Add	*115.12*	
		For Valve Enclosure, Add	*115.12*	
		For Filler Piece, Add	*108.12*	
		For End Cap, Add	*76.33*	
		For Copper Tube With Aluminum Fins, Add	*55.52*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,693.34	202.34
		For 90 Degree Corner, Add	*125.51*	
		For Valve Enclosure, Add	*125.51*	
		For Filler Piece, Add	*118.51*	
		For End Cap, Add	*83.08*	
		For Copper Tube With Aluminum Fins, Add	*61.37*	
23 82 36 00-0032		Electric Baseboard Heating *(23 82 36)*		
		Note: Includes 24 gauge steel enclosure and heating element		
23 82 36 00-0033		Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*		
23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	118.91	56.35
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	121.28	56.35
23 82 36 00-0036		Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*		
23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	142.64	56.35
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	148.58	56.35
23 82 39		**Unit Heaters** *(23 82)*		
23 82 39 13		**Cabinet Unit Heaters** *(23 82 39)*		
23 82 39 13-0001		Electric Cabinet Unit Heaters *(23 82 39 13)*		
		Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
23 82 39 13-0002		Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,418.46	128.06
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,437.43	128.06
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,456.41	128.06
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,475.38	128.06
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,494.35	128.06
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,513.33	128.06
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,533.07	128.06
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	171.08	85.03
23 82 39 13-0011		Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,572.15	153.66
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,610.10	153.66
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,648.04	153.66
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,686.00	153.66
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,723.94	153.66
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,761.90	153.66
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,799.84	153.66
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	204.89	102.45
23 82 39 13-0020		Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,230.92	204.89
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,268.86	204.89
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,306.82	204.89
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,344.76	204.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,382.71	204.89
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,420.66	204.89
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	256.11	128.06
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,813.81	256.11
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,870.73	256.11
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,927.65	256.11
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,984.57	256.11
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,041.51	256.11
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,098.43	256.11
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,155.35	256.11
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	342.16	171.08
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,472.58	307.34
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,548.48	307.34
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,624.38	307.34
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,700.28	307.34
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,776.17	307.34
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,852.07	307.34
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,927.97	307.34
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	409.77	204.89
23 82 39 13-0046		Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	289.07	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	499.31	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	596.01	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	806.24	
23 82 39 16		**Propeller Unit Heaters** *(23 82 39)*		
23 82 39 16-0001		Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)* Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
23 82 39 16-0002		Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*		
23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	815.06	105.12
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	816.71	105.12
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	911.54	105.12
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,115.36	157.68
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,163.87	157.68
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,236.12	157.68
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,483.45	210.24
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,629.01	210.24
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,721.63	210.24
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,796.61	210.24
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2.000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,027.43	262.79
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,052.80	262.79
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,077.06	262.79
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,211.89	315.35
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,401.55	315.35
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,739.48	367.91
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,426.43	367.91
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,643.94	420.47
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,349.65	420.47
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	220.70	26.28
23 82 39 16-0023		Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*		
23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,180.43	105.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,232.80	157.68
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,328.19	157.68
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,632.32	210.24
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,726.04	210.24
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,042.08	315.35
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,185.43	315.35
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,305.63	315.35
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,575.17	367.91
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,717.42	367.91
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,005.21	367.91
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,477.80	473.02
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,434.92	473.02
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,728.24	473.02
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,382.49	525.58
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	302.30	26.28

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	630.70	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	840.93	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	711.41	102.45
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	711.41	102.45
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	953.31	128.06
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,094.09	153.66
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,594.48	204.89
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,318.37	256.11
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	3,195.32	307.34
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,661.63	358.55
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	876.07	102.45
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	843.93	102.45
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,000.38	128.06
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,155.31	153.66
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	1,716.93	204.89

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	355.44	64.03
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	416.37	71.71
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	657.52	71.71
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	404.97	64.03
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	494.53	71.71
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	749.34	71.71
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	532.55	84.51
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,003.33	89.63
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	1,130.78	89.63
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,314.04	94.76
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,425.94	94.76
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	598.75	84.51
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,107.61	89.63
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,235.05	89.63
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	595.79	64.03

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	378.44	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	777.95	

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)*

Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	12,024.17	433.08
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	15,259.64	434.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 23		**Direct-Steam-Injection Humidifiers** *(23 84 13)*		
23 84 13 23-0001		Steam Type Pneumatically Controlled *(23 84 13 23)*		
		Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,917.75	277.50
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*589.34*	
23 84 13 23-0003	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,917.75	277.50
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*589.34*	
23 84 13 23-0004	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	2,769.01	277.50
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*844.72*	
23 84 13 23-0005	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	2,874.12	346.89
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*879.76*	
23 84 13 23-0006	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,168.71	277.50
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,264.63*	
23 84 13 23-0007	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,273.82	346.89
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,299.67*	
23 84 13 23-0008	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	6,460.85	346.89
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,955.77*	
23 84 13 23-0009	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	6,592.25	434.13
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,999.57*	
23 84 13 29		**Self-Contained Steam Humidifiers** *(23 84 13)*		
23 84 13 29-0001		Residential Humidifiers *(23 84 13 29)*		
		Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	546.71	52.56
23 84 16		**Mechanical Dehumidification Units** *(23 84)*		
23 84 16 16		**Indoor, Mechanical Dehumidification Units** *(23 84 16)*		
23 84 16 16-0001		Mechanical Dehumidification Units *(23 84 16 16)*		
		Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	2,126.78	51.22
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,678.32	59.75
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,596.45	68.30
23 84 16 33		**Portable Dehumidifiers** *(23 84 16)*		
23 84 16 33-0001		Self Contained Free Standing Unit *(23 84 16 33)*		
		Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier	464.62	110.89
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier	564.05	110.89
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier	623.70	110.89

END OF SECTION 23

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electricial equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*

Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	507.33	
		For Up To 20, Add	*109.06*	
		For >20 To 50, Add	*87.24*	
		For >50 To 100, Add	*43.62*	
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	663.68	
		For Up To 20, Add	*148.14*	
		For >20 To 50, Add	*118.51*	
		For >50 To 100, Add	*59.26*	
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	1,007.66	
		For Up To 20, Add	*234.14*	
		For >20 To 50, Add	*187.31*	
		For >50 To 100, Add	*93.66*	
26 01 10 91-0005	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	502.88	
		For Up To 20, Add	*107.94*	
		For >20 To 50, Add	*86.35*	
		For >50 To 100, Add	*43.18*	
26 01 10 91-0006	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	505.63	
		For Up To 20, Add	*108.63*	
		For >20 To 50, Add	*86.90*	
		For >50 To 100, Add	*43.45*	
26 01 10 91-0007	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	650.95	
		For Up To 20, Add	*144.96*	
		For >20 To 50, Add	*115.97*	
		For >50 To 100, Add	*57.98*	
26 01 10 91-0008	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	979.38	
		For Up To 20, Add	*227.07*	
		For >20 To 50, Add	*181.65*	
		For >50 To 100, Add	*90.83*	
26 01 10 91-0009	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	394.76	
		For Up To 20, Add	*80.91*	
		For >20 To 50, Add	*64.73*	
		For >50 To 100, Add	*32.37*	
26 01 10 91-0010	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	563.62	
		For Up To 20, Add	*123.13*	
		For >20 To 50, Add	*98.50*	
		For >50 To 100, Add	*49.25*	
26 01 10 91-0011	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	809.87	
		For Up To 20, Add	*184.69*	
		For >20 To 50, Add	*147.75*	
		For >50 To 100, Add	*73.88*	
26 01 10 91-0012	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	736.81	
		For Up To 20, Add	*166.43*	
		For >20 To 50, Add	*133.14*	
		For >50 To 100, Add	*66.57*	
26 01 10 91-0013	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,019.32	
		For Up To 20, Add	*237.05*	
		For >20 To 50, Add	*189.64*	
		For >50 To 100, Add	*94.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0014	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,882.21	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*452.78*	
		For >20 To 50, Add	*362.22*	
		For >50 To 100, Add	*181.11*	
26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	849.10	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*194.50*	
		For >20 To 50, Add	*155.60*	
		For >50 To 100, Add	*77.80*	
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,258.16	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*296.76*	
		For >20 To 50, Add	*237.41*	
		For >50 To 100, Add	*118.71*	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*

Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect	41.60
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	41.60
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0004	EA	Lock Out Padlock Device	11.56
		Note: Includes the installation and removal of pad lock when required	
26 01 20 91-0005	EA	Lock Out Tags	4.59
		Note: Includes filling out tag information, installation and removal of identifying tags.	

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	24.03
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	24.03

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0002 Air Pollution Control Board *(26 01 30 91-0001)*

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	4,541.34

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	44.85
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	57.26
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	84.67
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	23.29
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	23.29
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	22.19
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	22.19
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	45.93
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	51.20
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	49.84
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	53.87
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	54.73
26 01 50 51-0015	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	23.95
26 01 50 51-0016	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	23.95
26 01 50 51-0017	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	26.42
26 01 50 51-0018	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	26.42

26 01 50 51-0019 Incandescent Lamps *(26 01 50 51-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0020	EA	100 Watt, Frosted, Interior Incandescent Lamp	6.47	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0021	EA	150 Watt, Frosted, Interior Incandescent Lamp	7.86	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0022	EA	200 Watt, Frosted, Interior Incandescent Lamp	9.44	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0023	EA	300 Watt, PS25, Interior Incandescent Lamp	11.42	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0024	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	8.75	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0025	EA	75 Watt, R20, Interior Incandescent Lamp	13.57	
		For Multiple Lamps In Fixture, Deduct	*-2.29*	
26 01 50 51-0026	EA	75 Watt, PAR38, Exterior Incandescent Lamp	16.34	
		For Multiple Lamps In Fixture, Deduct	*-2.29*	
26 01 50 51-0027	EA	100 Watt, PAR38, Exterior Incandescent Lamp	15.24	
		For Multiple Lamps In Fixture, Deduct	*-2.29*	
26 01 50 51-0028	EA	150 Watt, PAR38, Exterior Incandescent Lamp	25.74	
		For Multiple Lamps In Fixture, Deduct	*-2.29*	
26 01 50 51-0029	EA	250 Watt, PAR38, Exterior Incandescent Lamp	52.35	
		For Multiple Lamps In Fixture, Deduct	*-2.67*	
26 01 50 51-0030	EA	300 Watt, PAR56, Exterior Incandescent Lamp	60.06	
		For Multiple Lamps In Fixture, Deduct	*-2.67*	
26 01 50 51-0031		**Exit Light Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0032	EA	Convert Exit Light Lamps To Red LED Lamps	106.74	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0033	EA	Fluorescent Lamp For Exit Light	30.12	
		For Multiple Lamps In Fixture, Deduct	*-7.65*	
26 01 50 51-0034	EA	Lamp Replacement For Emergency Lights On Exit Sign	36.74	
		For Multiple Lamps In Fixture, Deduct	*-3.82*	
26 01 50 51-0035		**Fluorescent Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0036	EA	18", 15 Watt, T8 Fluorescent Lamp	12.11	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0037	EA	2', 17 Watt, T8 Fluorescent Lamp	14.57	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0038	EA	3', 25 Watt, T8 Fluorescent Lamp	16.74	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0039	EA	4', 32 Watt, T8 Fluorescent Lamp	15.89	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0040	EA	4', 30 Watt, T8 Fluorescent Lamp	20.97	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0041	EA	4', 28 Watt, T8 Fluorescent Lamp	18.39	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0042	EA	4', 25 Watt, T8 Fluorescent Lamp	18.29	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0043	EA	4', 44 Watt, T8HO Fluorescent Lamp	29.39	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0044	EA	8', 59 Watt, T8 Fluorescent Lamp	22.42	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0045	EA	18", 15 Watt, T12 Fluorescent Lamp	18.30	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0046	EA	2', 20 Watt, T12 Fluorescent Lamp	13.87	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0047	EA	3', 30 Watt, T12 Fluorescent Lamp	15.57	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0048	EA	4', 34 Watt, T12 Fluorescent Lamp	15.65	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0049	EA	4', 40 Watt, T12 Fluorescent Lamp	15.33	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0050	EA	8', 60 Watt, T12 Fluorescent Lamp	22.99	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0051	EA	8', 75 Watt, T12 Fluorescent Lamp	19.42	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0052	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	30.37	
26 01 50 51-0053	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	18.52	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0054	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	15.24	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0055	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	14.73	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0056	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	16.30	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0057	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	26.95	
		For Multiple Lamps In Fixture, Deduct	*-3.82*	
26 01 50 51-0058	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	25.98	
		For Multiple Lamps In Fixture, Deduct	*-3.82*	
26 01 50 51-0059	EA	6", 4 Watt, T5 Fluorescent Lamp	13.44	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0060	EA	9", 6 Watt, T5 Fluorescent Lamp	13.22	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0061	EA	12", 8 Watt, T5 Fluorescent Lamp	13.64	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0062	EA	21", 13 Watt, T5 Fluorescent Lamp	14.27	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0063	EA	24", 14 Watt, T5 Fluorescent Lamp	16.44	
		For Multiple Lamps In Fixture, Deduct	*-3.06*	
26 01 50 51-0064	EA	34", 21 Watt, T5 Fluorescent Lamp	17.89	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0065	EA	46", 28 Watt, T5 Fluorescent Lamp	17.32	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0066	EA	46", 54 Watt, T5HO Fluorescent Lamp	18.95	
		For Multiple Lamps In Fixture, Deduct	*-3.44*	
26 01 50 51-0067	EA	46", 54 Watt T5 Fluorescent Lamp	15.92	
26 01 50 51-0068	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	10.63	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0069	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	11.76	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0070	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	24.19	
		For Multiple Lamps In Fixture, Deduct	*-1.91*	
26 01 50 51-0071	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	31.53	
26 01 50 51-0072	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	31.53	
26 01 50 51-0073	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	59.46	
26 01 50 51-0074	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	21.55	
26 01 50 51-0075	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.40	
26 01 50 51-0076	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	9.07	
26 01 50 51-0077	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	9.48	
26 01 50 51-0078	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	37.04	
26 01 50 51-0079	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	40.35	
26 01 50 51-0080	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	76.25	
26 01 50 51-0081	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	91.21	
26 01 50 51-0082	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	94.25	
26 01 50 51-0083	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	34.73	
26 01 50 51-0084	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	36.19	
26 01 50 51-0085	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	41.67	

26 01 50 51-0086 Mercury Vapor Lamps *(26 01 50 51-0001)*

26 01 50 51-0087	EA	100 Watt, Mercury Vapor Lamp	45.69	
26 01 50 51-0088	EA	175 Watt, Mercury Vapor Lamp	41.38	
26 01 50 51-0089	EA	250 Watt, Mercury Vapor Lamp	39.24	
26 01 50 51-0090	EA	400 Watt, Mercury Vapor Lamp	48.35	
26 01 50 51-0091	EA	1,000 Watt, Mercury Vapor Lamp	85.01	

26 01 50 51-0092 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0093	EA	50 Watt, Pulse Start Metal Halide Lamp	46.59	
26 01 50 51-0094	EA	70 Watt, Pulse Start Metal Halide Lamp	44.58	
26 01 50 51-0095	EA	100 Watt, Pulse Start Metal Halide Lamp	50.94	
26 01 50 51-0096	EA	150 Watt, Pulse Start Metal Halide Lamp	49.50	
26 01 50 51-0097	EA	175 Watt, Pulse Start Metal Halide Lamp	49.08	
26 01 50 51-0098	EA	250 Watt, Pulse Start Metal Halide Lamp	49.36	
26 01 50 51-0099	EA	400 Watt, Pulse Start Metal Halide Lamp	59.50	
26 01 50 51-0100	EA	1,000 Watt, Pulse Start Metal Halide Lamp	69.22	
26 01 50 51-0101	EA	1,500 Watt, Pulse Start Metal Halide Lamp	68.81	

26 01 50 51-0102 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0103	EA	35 Watt, High Pressure Sodium Lamp	38.39	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0104	EA	50 Watt, High Pressure Sodium Lamp	38.39	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0105	EA	70 Watt, High Pressure Sodium Lamp	39.26	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0106	EA	100 Watt, High Pressure Sodium Lamp	40.91	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0107	EA	150 Watt, High Pressure Sodium Lamp	39.26	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0108	EA	250 Watt, High Pressure Sodium Lamp	39.26	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0109	EA	400 Watt, High Pressure Sodium Lamp	36.80	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0110	EA	1,000 Watt, High Pressure Sodium Lamp	85.64	

26 01 50 51-0111 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0112	EA	35 Watt, Low Pressure Sodium Lamp	98.01	
26 01 50 51-0113	EA	55 Watt, Low Pressure Sodium Lamp	109.40	
26 01 50 51-0114	EA	70 Watt, Low Pressure Sodium Lamp	111.97	
26 01 50 51-0115	EA	90 Watt, Low Pressure Sodium Lamp	114.53	
26 01 50 51-0116	EA	135 Watt, Low Pressure Sodium Lamp	124.79	
26 01 50 51-0117	EA	180 Watt, Low Pressure Sodium Lamp	170.96	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0118		LED Lamps *(26 01 50 51-0001)*		
26 01 50 51-0119		LED Lamps, Candelabra Base, CA10 *(26 01 50 51-0118)*		
26 01 50 51-0120	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	14.61	
26 01 50 51-0121		LED Lamps, Medium Base, A19 Or A21 *(26 01 50 51-0118)*		
26 01 50 51-0122	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	19.18	
26 01 50 51-0123	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	19.18	
26 01 50 51-0124	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	31.46	
26 01 50 51-0125	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	22.28	
26 01 50 51-0126	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	39.13	
26 01 50 51-0127		LED Lamps, Medium Base, BR30 Or BR40 *(26 01 50 51-0118)*		
26 01 50 51-0128	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	26.05	
26 01 50 51-0129	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	23.46	
26 01 50 51-0130	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	30.35	
26 01 50 51-0131	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	25.76	
26 01 50 51-0132	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	33.42	
26 01 50 51-0133	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	25.76	
26 01 50 51-0134		LED Lamps, Medium Base, PAR *(26 01 50 51-0118)*		
26 01 50 51-0135	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	28.51	
26 01 50 51-0136	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	38.04	
26 01 50 51-0137	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	38.04	
26 01 50 51-0138	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	36.50	
26 01 50 51-0139	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	34.97	
26 01 50 51-0140	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	34.97	
26 01 50 51-0141	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	65.96	
26 01 50 51-0142	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	38.04	
26 01 50 51-0143	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	36.50	
26 01 50 51-0144	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	38.04	
26 01 50 51-0145	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	38.04	
26 01 50 51-0146		LED Lamps, GU Base, MR16 *(26 01 50 51-0118)*		
26 01 50 51-0147	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	20.39	
26 01 50 51-0148	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	26.05	
26 01 50 51-0149	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	28.51	
26 01 50 51-0150		LED Lamps, PL Series *(26 01 50 51-0118)*		
26 01 50 51-0151	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	17.75	
26 01 50 51-0152	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	23.35	
26 01 50 51-0153	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	19.64	
26 01 50 51-0154	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	21.96	
26 01 50 51-0155	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	21.96	
26 01 50 51-0156	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	26.12	
26 01 50 51-0157	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	21.96	
26 01 50 51-0158	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	21.96	
26 01 50 51-0159	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	21.96	
26 01 50 51-0160	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	21.96	
26 01 50 51-0161	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	24.73	
26 01 50 51-0162	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	24.73	
26 01 50 51-0163	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	24.73	
26 01 50 51-0164	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	24.73	
26 01 50 51-0165	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	23.35	
26 01 50 51-0166	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	23.35	
26 01 50 51-0167	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	23.35	
26 01 50 51-0168	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	24.27	
26 01 50 51-0169	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	24.27	
26 01 50 51-0170	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	24.48	
26 01 50 51-0171	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	24.48	
26 01 50 51-0172	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	24.48	
26 01 50 51-0173	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	24.48	
26 01 50 51-0174	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	25.20	
26 01 50 51-0175	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	25.20	
26 01 50 51-0176	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	25.20	
26 01 50 51-0177	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	25.20	
26 01 50 51-0178	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	25.20	
26 01 50 51-0179	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	25.20	
26 01 50 51-0180	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	25.20	
26 01 50 51-0181	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	25.20	
26 01 50 51-0182	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	32.43	
26 01 50 51-0183	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	32.43	
26 01 50 51-0184	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	32.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0185	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	30.76	
26 01 50 51-0186	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	30.76	
26 01 50 51-0187	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	30.76	
26 01 50 51-0188	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	24.56	
26 01 50 51-0189		HID LED Lamps, Medium Base E26 *(26 01 50 51-0118)*		
26 01 50 51-0190	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	62.71	
26 01 50 51-0191	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	62.71	
26 01 50 51-0192	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	79.83	
26 01 50 51-0193	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	79.83	
26 01 50 51-0194	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	53.67	
26 01 50 51-0195	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	53.67	
26 01 50 51-0196	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	53.67	
26 01 50 51-0197	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	53.67	
26 01 50 51-0198	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	55.52	
26 01 50 51-0199	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	55.52	
26 01 50 51-0200	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	55.52	
26 01 50 51-0201	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	55.52	
26 01 50 51-0202	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	62.93	
26 01 50 51-0203	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	62.93	
26 01 50 51-0204	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	62.93	
26 01 50 51-0205	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	62.93	
26 01 50 51-0206	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	72.19	
26 01 50 51-0207	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	72.19	
26 01 50 51-0208	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	72.19	
26 01 50 51-0209	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	72.19	
26 01 50 51-0210	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	92.56	
26 01 50 51-0211	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	92.56	
26 01 50 51-0212	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	92.56	
26 01 50 51-0213	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	92.56	
26 01 50 51-0214	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	110.15	
26 01 50 51-0215	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	110.15	
26 01 50 51-0216	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	110.15	
26 01 50 51-0217	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	110.15	
26 01 50 51-0218	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	122.19	
26 01 50 51-0219	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	122.19	
26 01 50 51-0220	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	122.19	
26 01 50 51-0221	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	122.19	
26 01 50 51-0222	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	165.71	
26 01 50 51-0223	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	165.71	
26 01 50 51-0224	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	165.71	
26 01 50 51-0225	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	165.71	
26 01 50 51-0226	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	171.27	
26 01 50 51-0227	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	171.27	
26 01 50 51-0228	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	171.27	
26 01 50 51-0229	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	171.27	
26 01 50 51-0230	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	203.68	
26 01 50 51-0231	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	203.68	
26 01 50 51-0232	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	203.68	
26 01 50 51-0233	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	203.68	
26 01 50 51-0234	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	242.57	
26 01 50 51-0235	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	242.57	
26 01 50 51-0236	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	242.57	
26 01 50 51-0237	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	242.57	
26 01 50 51-0238	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	77.95	
26 01 50 51-0239	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	84.43	
26 01 50 51-0240	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	84.43	
26 01 50 51-0241	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	77.95	
26 01 50 51-0242	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	98.32	
26 01 50 51-0243	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	89.99	
26 01 50 51-0244	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	108.51	
26 01 50 51-0245	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	107.42	
26 01 50 51-0246	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	109.90	
26 01 50 51-0247	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	109.90	
26 01 50 51-0248	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	65.94	
26 01 50 51-0249	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	65.94	
26 01 50 51-0250	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	74.51	
26 01 50 51-0251	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	74.51	
26 01 50 51-0252	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	80.20	
26 01 50 51-0253	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	80.20	
26 01 50 51-0254	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	88.76	
26 01 50 51-0255	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	88.76	
26 01 50 51-0256	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	89.20	
26 01 50 51-0257	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	96.80	
26 01 50 51-0258	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	120.78	
26 01 50 51-0259	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	133.19	
26 01 50 51-0260	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	51.42	
26 01 50 51-0261	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	58.09	
26 01 50 51-0262	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	61.42	
26 01 50 51-0263	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	67.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0264	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	81.63	
26 01 50 51-0265	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	95.88	
26 01 50 51-0266	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	131.49	
26 01 50 51-0267	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	138.61	
26 01 50 51-0268	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	150.01	
26 01 50 51-0269	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	157.13	
26 01 50 51-0270	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	226.95	
26 01 50 51-0271	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	66.45	

26 01 50 51-0272 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0118)*

26 01 50 51-0273	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	216.43	
26 01 50 51-0274	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	216.43	
26 01 50 51-0275	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	216.43	
26 01 50 51-0276	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	62.71	
26 01 50 51-0277	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	62.71	
26 01 50 51-0278	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	62.71	
26 01 50 51-0279	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	79.83	
26 01 50 51-0280	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	79.83	
26 01 50 51-0281	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	79.83	
26 01 50 51-0282	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	149.28	
26 01 50 51-0283	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	165.71	
26 01 50 51-0284	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	165.71	
26 01 50 51-0285	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	165.71	
26 01 50 51-0286	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	165.71	
26 01 50 51-0287	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	171.27	
26 01 50 51-0288	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	171.27	
26 01 50 51-0289	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	171.27	
26 01 50 51-0290	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	171.27	
26 01 50 51-0291	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	203.68	
26 01 50 51-0292	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	203.68	
26 01 50 51-0293	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	203.68	
26 01 50 51-0294	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	203.68	
26 01 50 51-0295	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	242.57	
26 01 50 51-0296	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	242.57	
26 01 50 51-0297	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	242.57	
26 01 50 51-0298	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	242.57	
26 01 50 51-0299	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	84.43	
26 01 50 51-0300	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	84.43	
26 01 50 51-0301	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	98.32	
26 01 50 51-0302	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	97.05	
26 01 50 51-0303	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	108.51	
26 01 50 51-0304	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	107.42	
26 01 50 51-0305	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	109.90	
26 01 50 51-0306	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	106.68	
26 01 50 51-0307	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	232.59	
26 01 50 51-0308	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	84.41	
26 01 50 51-0309	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	84.41	
26 01 50 51-0310	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	95.93	
26 01 50 51-0311	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	95.93	
26 01 50 51-0312	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	102.85	
26 01 50 51-0313	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	102.85	
26 01 50 51-0314	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	65.83	
26 01 50 51-0315	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	65.83	
26 01 50 51-0316	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	74.51	
26 01 50 51-0317	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	74.51	
26 01 50 51-0318	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	80.20	
26 01 50 51-0319	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	80.20	
26 01 50 51-0320	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	88.76	
26 01 50 51-0321	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	88.76	
26 01 50 51-0322	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	160.88	
26 01 50 51-0323	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	186.25	
26 01 50 51-0324	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	222.36	
26 01 50 51-0325	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	435.03	
26 01 50 51-0326	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	410.74	
26 01 50 51-0327	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	435.03	
26 01 50 51-0328	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	436.92	
26 01 50 51-0329	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	65.40	
26 01 50 51-0330	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	65.40	
26 01 50 51-0331	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	65.40	
26 01 50 51-0332	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	194.33	
26 01 50 51-0333	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	380.88	
26 01 50 51-0334	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	178.40	
26 01 50 51-0335	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	210.40	
26 01 50 51-0336	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	92.04	
26 01 50 51-0337	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	265.40	

26 01 50 51-0338 LED Lamps, 2G11 Base *(26 01 50 51-0118)*

26 01 50 51-0339	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	44.72	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 51-0340 LED Lamps, GX23 Or G23 Base *(26 01 50 51-0118)*

26 01 50 51-0341	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)		22.06	

26 01 50 51-0342 LED Lamps, G24 Base *(26 01 50 51-0118)*

26 01 50 51-0343	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)		28.63	

26 01 50 51-0344 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0118)*

26 01 50 51-0345	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)		39.28	
		For Multiple Lamps In Fixture, Deduct			*-3.06*
26 01 50 51-0346	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)		51.08	
		For Multiple Lamps In Fixture, Deduct			*-3.06*
26 01 50 51-0347	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)		42.32	
		For Multiple Lamps In Fixture, Deduct			*-3.25*
26 01 50 51-0348	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)		46.34	
		For Multiple Lamps In Fixture, Deduct			*-3.44*
26 01 50 51-0349	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)		50.77	
		For Multiple Lamps In Fixture, Deduct			*-3.44*
26 01 50 51-0350	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)		31.96	
		For Multiple Lamps In Fixture, Deduct			*-3.44*
26 01 50 51-0351	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)		30.80	
		For Multiple Lamps In Fixture, Deduct			*-3.06*
26 01 50 51-0352	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)		28.05	
		For Multiple Lamps In Fixture, Deduct			*-3.06*
26 01 50 51-0353	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)		28.55	
		For Multiple Lamps In Fixture, Deduct			*-3.25*
26 01 50 51-0354	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)		28.55	
		For Multiple Lamps In Fixture, Deduct			*-3.44*
26 01 50 51-0355	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)		29.60	
		For Multiple Lamps In Fixture, Deduct			*-3.44*

26 01 50 51-0356 Filament LED Lamps *(26 01 50 51-0118)*

26 01 50 51-0357	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)		19.90	
26 01 50 51-0358	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)		19.90	
26 01 50 51-0359	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)		18.98	
26 01 50 51-0360	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)		18.98	
26 01 50 51-0361	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)		20.46	
26 01 50 51-0362	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)		20.46	
26 01 50 51-0363	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)		17.13	
26 01 50 51-0364	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)		17.13	
26 01 50 51-0365	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)		17.68	
26 01 50 51-0366	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)		21.76	
26 01 50 51-0367	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)		21.38	

26 01 50 51-0368 Other Lamps *(26 01 50 51-0118)*

26 01 50 51-0369	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)		18.83	
26 01 50 51-0370	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)		18.83	
26 01 50 51-0371	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)		18.83	
26 01 50 51-0372	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)		19.76	
26 01 50 51-0373	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)		19.76	
26 01 50 51-0374	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)		19.76	

26 01 50 51-0375 LED Lamps, Light Engines, Round, LER Series *(26 01 50 51-0118)*

26 01 50 51-0376	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)		51.62	
26 01 50 51-0377	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)		29.75	

26 01 50 51-0378 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.

26 01 50 51-0379	EA	Recycle 2' Length Linear Fluorescent Lamps		0.43	
26 01 50 51-0380	EA	Recycle 3' Length Linear Fluorescent Lamps		0.65	
26 01 50 51-0381	EA	Recycle 4' Length Linear Fluorescent Lamps		0.87	
26 01 50 51-0382	EA	Recycle 6' Length Linear Fluorescent Lamps		1.30	
26 01 50 51-0383	EA	Recycle 8' Length Linear Fluorescent Lamps		1.74	
26 01 50 51-0384	EA	Recycle Compact Fluorescent Lamps		0.78	
26 01 50 51-0385	EA	Recycle U-Shaped Or Circular Fluorescent Lamps		0.78	
26 01 50 51-0386	EA	Recycle High Intensity Discharge (HID) Lamps		2.72	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52		**Ballasts Replacement** *(26 01 50)*			
26 01 50 52-0001		Lighting Ballasts *(26 01 50 52)*			
		Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.			
26 01 50 52-0002		Fluorescent Ballasts *(26 01 50 52-0001)*			
26 01 50 52-0003		T5 Fluorescent Ballasts *(26 01 50 52-0002)*			
26 01 50 52-0004		T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*			
		Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0005		14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*			
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		118.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		124.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0008		21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*			
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		118.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		124.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0011		28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*			
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		118.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		124.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
		For High Ballast Factor, Add		*6.68*	
26 01 50 52-0014		35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*			
26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		118.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		124.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
26 01 50 52-0017		54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*			
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		118.22	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		124.01	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		169.77	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*10.43*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		175.56	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0022		High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)*			
		Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0023		12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*			
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		99.37	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		105.16	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
26 01 50 52-0026		24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*			
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		129.72	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		135.51	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
26 01 50 52-0029		39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*			
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		129.72	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.95*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast		135.51	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.69*	
26 01 50 52-0032		54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	99.37	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	105.16	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0035		Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*		
26 01 50 52-0036		Step Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	114.73	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0039		Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	417.20	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	411.52	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0043		T8 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0044		T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	52.23	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	91.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.02	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	70.68	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*15.83*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*9.09*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	80.94	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*40.08*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.41	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*23.40*	
26 01 50 52-0054		25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	52.23	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	91.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.02	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	70.68	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*15.83*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*9.09*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	80.94	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*40.08*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.41	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*23.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0063		**28 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	52.23	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	91.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.02	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	70.68	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*15.83*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*9.09*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	80.94	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*40.08*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.41	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*23.40*	
26 01 50 52-0072		**32 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	52.23	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	91.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.02	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*16.26*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	70.68	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*15.83*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*9.09*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	80.94	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*40.08*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.41	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*23.40*	
26 01 50 52-0081		**40 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	83.06	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*6.95*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	91.35	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	88.85	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*6.95*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.14	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*10.69*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	110.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
		For High Ballast Factor, Add	*4.28*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.95	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	116.74	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
		For High Ballast Factor, Add	*4.28*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.41	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0090		**96 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	99.37	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
		For High Ballast Factor, Add	*14.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	105.16	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
		For High Ballast Factor, Add	*14.89*	

26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)*
Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	120.36	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	156.62	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	126.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	162.41	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	120.36	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	156.62	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	126.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	162.41	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	120.36	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	156.62	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	126.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	162.41	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	120.36	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	156.62	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	126.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	162.41	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

26 01 50 52-0115 Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*
Note: Includes 120/277 Volt and high ballast factor.

26 01 50 52-0116 17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.19	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	147.30	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	153.09	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0123 25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.19	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	147.30	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	153.09	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0130 28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.19	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	147.30	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	153.09	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0137 32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.19	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	147.30	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	153.09	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0144 40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.19	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	147.30	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	153.09	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0151 Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and high ballast factor.

26 01 50 52-0152 17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.99	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	140.33	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	146.12	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

26 01 50 52-0159 25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.99	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	140.33	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	146.12	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0166		**28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.99	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	140.33	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	146.12	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	
26 01 50 52-0173		**32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.99	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	140.33	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	146.12	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	
26 01 50 52-0180		**40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	64.68	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.47	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.99	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.92	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	140.33	46.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	146.12	52.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.64*	
26 01 50 52-0187		**Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188		**17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	148.17	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	153.96	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	183.94	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	189.73	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0193		**25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	148.17	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	153.96	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	183.94	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	189.73	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	148.17	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	153.96	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	183.94	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	189.73	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0203		**32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	148.17	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	153.96	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	183.94	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	189.73	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0208		T10 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0209		T10 Fluorescent Electronic Ballasts *(26 01 50 52-0208)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		40 Watt, T10 Fluorescent Electronic Ballasts *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	73.70	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	79.49	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	97.45	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0214		T12 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0215		T12 Fluorescent Electronic Ballasts *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		25 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	52.23	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	73.70	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	58.02	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.49	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	70.68	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	80.94	40.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0223		30 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	73.70	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.49	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	97.45	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0227		34 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	73.70	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.49	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	97.45	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0231		40 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	73.70	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.49	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	97.45	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0235		96 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	92.29	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	105.16	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0238		High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	120.76	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	126.55	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0242		**60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	120.76	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	126.55	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	120.76	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	126.55	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	120.76	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	126.55	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)*		
		Note: 120/277 Volt.		
26 01 50 52-0252	EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	189.17	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0253	EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	312.37	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0254	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	388.60	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0255	EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	286.89	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0256	EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,352.59	34.75
		For Factory Installation In New Fixtures, Deduct	*-50.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.29*	
26 01 50 52-0257	EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	394.30	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0258	EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	662.01	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0259	EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	363.49	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0260	EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	496.46	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0261	EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	384.57	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	434.50	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	470.36	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	395.58	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	401.73	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	349.89	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	363.49	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	355.48	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	651.58	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	815.14	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,526.56	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,059.99	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	538.35	28.96
		For Factory Installation In New Fixtures, Deduct	*-48.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	698.41	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	3,913.74	28.96
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0276		LED Emergency Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0277	EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	123.17	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0278	EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	180.16	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0279	EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	214.34	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0280	EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	238.74	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0281	EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	244.91	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0282	EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	316.34	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0283	EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	373.65	23.17
		For Factory Installation In New Fixtures, Deduct	*-46.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.90*	
26 01 50 52-0284		Compact Fluorescent Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0285		Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286		18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0287	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	111.94	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	117.73	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0289		26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	111.94	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	117.73	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0292		**32 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	138.81	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	144.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0295		**40 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	108.73	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	138.81	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	204.79	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	144.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	242.03	34.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 01 50 52-0301		**42 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	138.81	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	144.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0304		**55 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	138.81	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	144.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0307		**Dimming, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0284)*		
26 01 50 52-0308		**Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0307)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		**18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	207.52	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	213.31	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0312		**26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	207.52	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	213.31	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0315		**32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	207.52	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	228.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0318		**40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	228.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0320		**42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	207.52	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	228.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0323		**55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	331.85	23.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	372.53	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0326		High Intensity Discharge (HID) Ballasts *(26 01 50 52-0001)*			
26 01 50 52-0327		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*			
26 01 50 52-0328		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*			
26 01 50 52-0329		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*			
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		172.22	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		176.48	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		176.48	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		164.36	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		164.36	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		245.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		245.60	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		317.16	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		353.67	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0339		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*			
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		155.39	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		164.91	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		160.80	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		189.42	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		185.33	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		211.89	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		211.89	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		256.06	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		256.06	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		411.04	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		411.04	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0351		Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*			
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type		16.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.48*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type		28.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*5.21*	
26 01 50 52-0354		F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*			
26 01 50 52-0355		Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*			
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast		219.12	28.96
		For Pulse Start Ballast, Add		*17.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast		230.93	28.96
		For Pulse Start Ballast, Add		*19.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast		210.18	28.96
		For Pulse Start Ballast, Add		*16.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast		244.28	28.96
		For Pulse Start Ballast, Add		*20.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast		339.87	28.96
		For Pulse Start Ballast, Add		*29.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0361		High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	263.88	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	282.30	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0364		Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0365		Metal Halide, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	440.40	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0367		High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	679.44	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.13*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	757.94	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.13*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	730.78	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.13*	
26 01 50 52-0371		Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0372		Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	542.65	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	616.15	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	814.37	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	810.10	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,135.64	31.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,135.64	31.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	780.94	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	919.09	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0381		High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,014.08	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	965.39	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,241.44	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,241.44	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0386		Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0387		Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	610.00	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	659.06	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	654.23	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	687.09	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,092.78	31.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,343.75	31.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,019.79	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	928.28	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0396		High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	788.01	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	849.88	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,270.00	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0400	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,092.50	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0401		Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*		
26 01 50 52-0402		Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0401)*		
26 01 50 52-0403	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	242.65	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0404	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	242.65	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0405	EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	273.66	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0406	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	708.25	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0407	EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	708.25	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0408	EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	708.25	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0409	EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	708.25	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0410	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	708.25	28.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0411		Owner Supplied Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	23.17	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	28.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	33.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.08*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	35.91	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	40.54	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.16*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	42.87	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 01 50 53		**Lens and Accessory Replacement** *(26 01 50)*		
26 01 50 53-0001		Lens and Accessory Replacement *(26 01 50 53)*		
26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver	82.06	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures	180.65	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole	204.58	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures	85.93	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	29.47	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	30.50	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	34.94	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder	13.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder	13.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder	14.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	16.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	18.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in	14.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes	55.60	
26 01 50 81		**Luminaire Replacement** *(26 01 50)*		
26 01 50 81-0001		Retrofit Lighting Fixtures *(26 01 50 81)*		
26 01 50 81-0002		LED Lighting Retrofits For Existing Fixtures *(26 01 50 81-0001)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0003		LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0004	EA	7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	108.52	
26 01 50 81-0005	EA	7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	108.52	
26 01 50 81-0006	EA	7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	108.52	
26 01 50 81-0007	EA	4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)	88.61	
26 01 50 81-0008	EA	4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)	88.61	
26 01 50 81-0009	EA	4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)	88.61	
26 01 50 81-0010	EA	6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)	97.00	
26 01 50 81-0011	EA	6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)	97.00	
26 01 50 81-0012	EA	6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)	97.00	
26 01 50 81-0013		LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0014	EA	2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	321.59	
26 01 50 81-0015	EA	3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	334.17	
26 01 50 81-0016	EA	4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	346.74	
26 01 50 81-0017	EA	5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	361.64	
26 01 50 81-0018	EA	6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	398.31	
26 01 50 81-0019	EA	7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	413.20	
26 01 50 81-0020	EA	8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	447.78	
26 01 50 81-0021	EA	9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	460.35	
26 01 50 81-0022	EA	10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	475.24	
26 01 50 81-0023	EA	11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	498.29	
26 01 50 81-0024	EA	12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	522.61	
26 01 50 81-0025	EA	13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	546.71	
26 01 50 81-0026	EA	14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	559.29	
26 01 50 81-0027	EA	16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	580.24	
26 01 50 81-0028	EA	17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	604.66	
26 01 50 81-0029	EA	18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	630.86	
26 01 50 81-0030	EA	19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	670.68	
26 01 50 81-0031	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	688.49	
26 01 50 81-0032	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	719.10	
26 01 50 81-0033	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	759.97	
26 01 50 81-0034	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	780.92	
26 01 50 81-0035	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	830.50	
26 01 50 81-0036	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	876.61	
26 01 50 81-0037	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	908.26	
26 01 50 81-0038	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	953.32	
26 01 50 81-0039	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	1,040.51	
26 01 50 81-0040	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	1,050.99	
26 01 50 81-0041	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,077.51	
26 01 50 81-0042		LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0043	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip	135.30	
26 01 50 81-0044	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip	135.30	
26 01 50 81-0045	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip	135.30	
26 01 50 81-0046	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0047	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0048	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0049	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip	151.02	
26 01 50 81-0050	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip	151.02	
26 01 50 81-0051	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip	151.02	
26 01 50 81-0052	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0053	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0054	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip	140.54	
26 01 50 81-0055	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip	151.02	
26 01 50 81-0056	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip	151.02	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0057	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip	151.02	
26 01 50 81-0058	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip	171.98	
26 01 50 81-0059	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip	171.98	
26 01 50 81-0060	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip	171.98	
26 01 50 81-0061	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip	135.30	
26 01 50 81-0062	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	135.30	
26 01 50 81-0063	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	135.30	
26 01 50 81-0064	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	135.30	
26 01 50 81-0065	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	135.30	
26 01 50 81-0066	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	135.30	
26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	140.54	
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	140.54	
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	140.54	
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	146.83	
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	146.83	
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	146.83	
26 01 50 81-0073		**LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG)** *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	309.40	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	309.40	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	279.02	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	279.02	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	137.92	
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	137.92	
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	157.83	
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	157.83	
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	172.50	
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	172.50	
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	177.74	
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	177.74	
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	107.53	
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	107.53	
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	120.10	
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	120.10	
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	110.67	
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	110.67	
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	123.25	
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	123.25	
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	109.62	
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	109.62	
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	119.06	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	119.06	

26 01 50 81-0098 LED Lighting Retrofit Accessories (LG) *(26 01 50 81-0002)*

See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE)	23.34	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	127.59	13.18
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	132.85	15.80
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	163.73	13.18
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	169.00	15.80
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	84.35	10.54
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	28.53	10.54
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	30.64	10.54
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	79.52	15.80

26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0378 for hazardous lamp recycling.

26 01 50 81-0109 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0110	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	100.25	
		For Specular Ballast Cover, Add	*11.96*	
26 01 50 81-0111	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	106.18	
		For Specular Ballast Cover, Add	*13.15*	
26 01 50 81-0112	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	144.55	
		For Specular Ballast Cover, Add	*20.82*	
26 01 50 81-0113	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	165.49	
		For Specular Ballast Cover, Add	*25.01*	

26 01 50 81-0114 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0115	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	105.89	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0116	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	112.50	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0117	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	152.45	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0118	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	194.01	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0119 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0120	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	132.13	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0121	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	138.06	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0122	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	141.31	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0123	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	158.00	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0124	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	191.77	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0125	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	144.83	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0126	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	158.76	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0127	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	170.28	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0128 Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*

26 01 50 81-0129 Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0130	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.17
26 01 50 81-0131	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.17
26 01 50 81-0132	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.17

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0133	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	170.69	
26 01 50 81-0134	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.17	
26 01 50 81-0135	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.17	
26 01 50 81-0136	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.17	
26 01 50 81-0137	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	170.69	
26 01 50 81-0138	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0139	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0140	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0141	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	171.51	
26 01 50 81-0142	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0143	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0144	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0145	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	171.51	

26 01 50 81-0146 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0147	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	217.50	
26 01 50 81-0148	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	226.69	

26 01 50 81-0149 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0150	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	327.47	
26 01 50 81-0151	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	335.34	
26 01 50 81-0152	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	327.47	
26 01 50 81-0153	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	335.34	
26 01 50 81-0154	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	374.69	
26 01 50 81-0155	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	386.50	
26 01 50 81-0156	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	414.05	

26 01 50 81-0157 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0158	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	303.38	
26 01 50 81-0159	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	314.36	
26 01 50 81-0160	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	317.65	
26 01 50 81-0161	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	328.63	
26 01 50 81-0162	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	229.28	
26 01 50 81-0163	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	234.49	
26 01 50 81-0164	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	242.84	
26 01 50 81-0165	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	248.05	
26 01 50 81-0166	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	306.45	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0167	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	364.85	
26 01 50 81-0168		**Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)** *(26 01 50 81-0128)* Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0169	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	275.30	
26 01 50 81-0170	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	202.78	
26 01 50 81-0171	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	282.12	
26 01 50 81-0172	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	209.49	
26 01 50 81-0173	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	294.85	
26 01 50 81-0174	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	228.00	
26 01 50 81-0175	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	324.50	
26 01 50 81-0176	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	251.79	
26 01 50 81-0177	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	330.92	
26 01 50 81-0178	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	258.21	
26 01 50 81-0179	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	343.56	
26 01 50 81-0180	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	276.67	
26 01 50 81-0181		**LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)** *(26 01 50 81-0128)* Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0182	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	603.70	
26 01 50 81-0183	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	670.74	
26 01 50 81-0184		**Retrofit Existing HID Fixtures** *(26 01 50 81-0001)*		
26 01 50 81-0185	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,368.52	
26 01 50 81-0186		**LED Lighting Retrofits For Existing Fluorescent Fixtures** *(26 01 50 81-0001)* Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 26 01 50 51-0378 for disposal of hazardous lamps.		
26 01 50 81-0187		**LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia)** *(26 01 50 81-0186)*		
26 01 50 81-0188	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	106.37	
		For >25 To 50, Deduct	*-5.32*	
		For >50 To 100, Deduct	*-9.28*	
		For >100, Deduct	*-15.84*	
26 01 50 81-0189	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	152.98	
		For >25 To 50, Deduct	*-7.65*	
		For >50 To 100, Deduct	*-12.77*	
		For >100, Deduct	*-20.50*	
26 01 50 81-0190	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	115.58	
		For >25 To 50, Deduct	*-5.78*	
		For >50 To 100, Deduct	*-10.04*	
		For >100, Deduct	*-17.05*	
26 01 50 81-0191	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	106.49	
		For >25 To 50, Deduct	*-5.32*	
		For >50 To 100, Deduct	*-9.36*	
		For >100, Deduct	*-16.14*	
26 01 50 81-0192	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	138.55	
		For >25 To 50, Deduct	*-6.93*	
		For >50 To 100, Deduct	*-11.84*	
		For >100, Deduct	*-19.63*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0193	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)		178.95	
		For >25 To 50, Deduct		*-8.95*	
		For >50 To 100, Deduct		*-14.87*	
		For >100, Deduct		*-23.67*	
26 01 50 81-0194	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)		114.98	
		For >25 To 50, Deduct		*-5.75*	
		For >50 To 100, Deduct		*-10.07*	
		For >100, Deduct		*-17.27*	
26 01 50 81-0195	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)		114.98	
		For >25 To 50, Deduct		*-5.75*	
		For >50 To 100, Deduct		*-10.07*	
		For >100, Deduct		*-17.27*	
26 01 50 81-0196	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)		146.63	
		For >25 To 50, Deduct		*-7.33*	
		For >50 To 100, Deduct		*-12.44*	
		For >100, Deduct		*-20.44*	
26 01 50 81-0197	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)		125.08	
		For >25 To 50, Deduct		*-6.25*	
		For >50 To 100, Deduct		*-10.83*	
		For >100, Deduct		*-18.28*	
26 01 50 81-0198	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)		125.08	
		For >25 To 50, Deduct		*-6.25*	
		For >50 To 100, Deduct		*-10.83*	
		For >100, Deduct		*-18.28*	

26 01 50 81-0199 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0186)*

26 01 50 81-0200	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)		248.67	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-12.43*	
		For >50 To 100, Deduct		*-20.09*	
		For >100, Deduct		*-30.64*	
26 01 50 81-0201	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)		267.77	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-13.39*	
		For >50 To 100, Deduct		*-21.53*	
		For >100, Deduct		*-32.55*	
26 01 50 81-0202	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)		282.06	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-14.10*	
		For >50 To 100, Deduct		*-22.60*	
		For >100, Deduct		*-33.98*	
26 01 50 81-0203	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)		304.37	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-15.22*	
		For >50 To 100, Deduct		*-24.27*	
		For >100, Deduct		*-36.21*	
26 01 50 81-0204	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)		326.93	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-16.35*	
		For >50 To 100, Deduct		*-26.25*	
		For >100, Deduct		*-39.63*	
26 01 50 81-0205	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)		352.84	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add		*161.11*	
		For nLight AIR radio module without sensor (nLight RIO), Add		*104.73*	
		For >25 To 50, Deduct		*-17.64*	
		For >50 To 100, Deduct		*-28.20*	
		For >100, Deduct		*-42.22*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 81-0206 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0186)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 01 50 81-0207	EA	2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)		99.58
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-4.98*	
		For >50 To 100, Deduct	*-8.77*	
		For >100, Deduct	*-15.16*	
26 01 50 81-0208	EA	2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)		99.58
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-4.98*	
		For >50 To 100, Deduct	*-8.77*	
		For >100, Deduct	*-15.16*	
26 01 50 81-0209	EA	4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)		130.84
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.54*	
		For >50 To 100, Deduct	*-11.26*	
		For >100, Deduct	*-18.86*	
26 01 50 81-0210	EA	4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)		130.84
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.54*	
		For >50 To 100, Deduct	*-11.26*	
		For >100, Deduct	*-18.86*	
26 01 50 81-0211	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)		130.95
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-11.27*	
		For >100, Deduct	*-18.87*	
26 01 50 81-0212	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F)		142.67
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.13*	
		For >50 To 100, Deduct	*-12.14*	
		For >100, Deduct	*-20.04*	
26 01 50 81-0213	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)		130.95
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-11.27*	
		For >100, Deduct	*-18.87*	
26 01 50 81-0214	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)		142.67
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.13*	
		For >50 To 100, Deduct	*-12.14*	
		For >100, Deduct	*-20.04*	
26 01 50 81-0215	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)		130.95
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-11.27*	
		For >100, Deduct	*-18.87*	
26 01 50 81-0216	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)		142.67
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.13*	
		For >50 To 100, Deduct	*-12.14*	
		For >100, Deduct	*-20.04*	
26 01 50 81-0217	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)		130.95
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-11.27*	
		For >100, Deduct	*-18.87*	
26 01 50 81-0218	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F)		142.67
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.13*	
		For >50 To 100, Deduct	*-12.14*	
		For >100, Deduct	*-20.04*	
26 01 50 81-0219	EA	4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50)		142.57
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.13*	
		For >50 To 100, Deduct	*-12.14*	
		For >100, Deduct	*-20.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0220	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	167.65	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.38*	
		For >50 To 100, Deduct	*-14.02*	
		For >100, Deduct	*-22.54*	
26 01 50 81-0221	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	182.30	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.12*	
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-24.01*	
26 01 50 81-0222	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	167.65	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.38*	
		For >50 To 100, Deduct	*-14.02*	
		For >100, Deduct	*-22.54*	
26 01 50 81-0223	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	182.30	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.12*	
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-24.01*	
26 01 50 81-0224	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800)	180.06	
		Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
		For >25 To 50, Deduct	*-9.00*	
		For >50 To 100, Deduct	*-13.79*	
		For >100, Deduct	*-19.16*	
26 01 50 81-0225	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W)	165.23	
		Note: 90-minute emergency battery with power output of 20 Watts		
		For >25 To 50, Deduct	*-8.26*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-17.68*	
26 01 50 81-0226	EA	8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50)	170.16	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.51*	
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-24.53*	
26 01 50 81-0227	EA	8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F)	177.49	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.87*	
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-25.26*	
26 01 50 81-0228	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	249.46	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-12.47*	
		For >50 To 100, Deduct	*-20.59*	
		For >100, Deduct	*-32.46*	
26 01 50 81-0229	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	278.76	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.94*	
		For >50 To 100, Deduct	*-22.78*	
		For >100, Deduct	*-35.39*	
26 01 50 81-0230	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	249.46	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-12.47*	
		For >50 To 100, Deduct	*-20.59*	
		For >100, Deduct	*-32.46*	
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	278.76	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.94*	
		For >50 To 100, Deduct	*-22.78*	
		For >100, Deduct	*-35.39*	

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26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0001		**Wire And Cable** *(26 05 13 16)* Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 13 16-0002		**5 KV Cable** *(26 05 13 16-0001)*		
26 05 13 16-0003		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0002)*		
26 05 13 16-0004	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,959.62	928.72
26 05 13 16-0005	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,614.25	1,014.07
26 05 13 16-0006	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,541.58	1,145.75
26 05 13 16-0007	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,231.43	1,411.60
26 05 13 16-0008	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	8,246.15	1,589.59
26 05 13 16-0009	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	10,221.26	1,764.40
26 05 13 16-0010	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,506.97	1,982.49
26 05 13 16-0011	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	13,739.23	2,205.61
26 05 13 16-0012	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	15,982.52	2,633.44
26 05 13 16-0013	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	20,270.48	3,095.55
26 05 13 16-0014	MLF	750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	30,721.02	3,648.44
26 05 13 16-0015	MLF	1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	41,177.36	4,201.06
26 05 13 16-0016		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial** *(26 05 13 16-0002)* Note: Excludes excavation.		
26 05 13 16-0017	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,743.53	
26 05 13 16-0018	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,284.68	
26 05 13 16-0019	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,882.79	
26 05 13 16-0020	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,126.23	
26 05 13 16-0021	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,695.85	
26 05 13 16-0022	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,451.53	
26 05 13 16-0023	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,192.04	
26 05 13 16-0024	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,089.70	
26 05 13 16-0025	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,379.25	
26 05 13 16-0026	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,616.37	
26 05 13 16-0027		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)** *(26 05 13 16-0002)*		
26 05 13 16-0028	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,078.06	579.00
26 05 13 16-0029	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,730.69	620.81
26 05 13 16-0030	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,765.47	785.07
26 05 13 16-0031	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,237.67	953.06
26 05 13 16-0032	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,248.17	1,118.81
26 05 13 16-0033	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,213.65	1,279.47
26 05 13 16-0034	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,499.60	1,484.55
26 05 13 16-0035	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,193.37	1,867.66
26 05 13 16-0036	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,684.84	2,363.17
26 05 13 16-0037	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	20,429.56	2,969.09
26 05 13 16-0038		**5 KV Non-Shielded Single Copper Conductor** *(26 05 13 16-0002)*		
26 05 13 16-0039	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,470.99	1,850.82
26 05 13 16-0040	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,882.95	1,877.41
26 05 13 16-0041	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	11,294.91	1,904.02
26 05 13 16-0042	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	11,784.31	1,946.10
26 05 13 16-0043	MLF	350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	14,249.33	2,020.34
26 05 13 16-0044	MLF	500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	20,669.13	2,117.34
26 05 13 16-0045	MLF	750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	32,242.98	2,646.67
26 05 13 16-0046	MLF	1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	37,011.17	3,528.94
26 05 13 16-0047		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0002)*		
26 05 13 16-0048	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,136.45	928.72
26 05 13 16-0049	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,988.49	1,014.07
26 05 13 16-0050	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,023.48	1,145.75
26 05 13 16-0051	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,960.51	1,278.61
26 05 13 16-0052	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,897.89	1,411.60
26 05 13 16-0053	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,015.14	1,589.59
26 05 13 16-0054	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,267.08	1,764.40
26 05 13 16-0055	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	12,686.08	1,982.49
26 05 13 16-0056	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	15,219.79	2,205.61
26 05 13 16-0057	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	17,674.30	2,633.44
26 05 13 16-0058	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	22,526.18	3,095.55
26 05 13 16-0059	MLF	750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	34,609.60	3,648.44
26 05 13 16-0060	MLF	1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	46,698.80	4,201.06

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0061		Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0002)* Note: Excludes excavation.			
26 05 13 16-0062	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		4,020.37	
26 05 13 16-0063	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		4,658.92	
26 05 13 16-0064	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		5,364.69	
26 05 13 16-0065	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		6,079.20	
26 05 13 16-0066	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		6,792.68	
26 05 13 16-0067	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		7,464.84	
26 05 13 16-0068	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		9,497.35	
26 05 13 16-0069	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		10,371.15	
26 05 13 16-0070	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		12,570.26	
26 05 13 16-0071	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		14,071.02	
26 05 13 16-0072	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		17,872.07	
26 05 13 16-0073		Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0002)*			
26 05 13 16-0074	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		3,354.89	579.00
26 05 13 16-0075	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		4,104.93	620.81
26 05 13 16-0076	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		5,247.37	785.07
26 05 13 16-0077	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		6,074.19	868.45
26 05 13 16-0078	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		6,904.13	953.06
26 05 13 16-0079	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		8,017.16	1,118.81
26 05 13 16-0080	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		10,259.47	1,279.47
26 05 13 16-0081	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		11,678.71	1,484.55
26 05 13 16-0082	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		14,673.93	1,867.66
26 05 13 16-0083	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		17,376.61	2,363.17
26 05 13 16-0084	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		22,685.26	2,969.09
26 05 13 16-0085		15 KV Cable *(26 05 13 16-0001)*			
26 05 13 16-0086		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*			
26 05 13 16-0087		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0086)*			
26 05 13 16-0088	MLF	#4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		8,422.55	1,850.82
26 05 13 16-0089	MLF	#2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		9,194.67	1,850.82
26 05 13 16-0090	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		9,489.18	1,850.82
26 05 13 16-0091	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		10,448.60	1,850.82
26 05 13 16-0092	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		11,359.24	1,850.82
26 05 13 16-0093	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		13,090.47	1,931.94
26 05 13 16-0094	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		13,448.21	1,931.94
26 05 13 16-0095	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		15,620.78	2,020.34
26 05 13 16-0096	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		17,836.87	2,067.71
26 05 13 16-0097	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct		22,116.54	2,329.07
26 05 13 16-0098		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0086)* Note: Excludes excavation.			
26 05 13 16-0099	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		7,498.28	
26 05 13 16-0100	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		8,457.69	
26 05 13 16-0101	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		9,368.32	
26 05 13 16-0102	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		11,125.13	
26 05 13 16-0103	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		11,482.86	
26 05 13 16-0104	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		13,764.63	
26 05 13 16-0105	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		15,984.21	
26 05 13 16-0106	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial		19,999.22	
26 05 13 16-0107		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0086)*			
26 05 13 16-0108	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		7,062.28	827.14
26 05 13 16-0109	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		8,356.69	953.06
26 05 13 16-0110	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		9,708.20	1,118.81
26 05 13 16-0111	MLF	3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable		11,664.28	1,279.47
26 05 13 16-0112	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		12,567.45	1,484.55
26 05 13 16-0113	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		15,167.16	1,728.21
26 05 13 16-0114	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		18,024.41	2,013.80
26 05 13 16-0115	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)		22,516.46	2,339.23
26 05 13 16-0116		Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0117		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0116)*		
26 05 13 16-0118	MLF	#4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,105.74	1,850.82
26 05 13 16-0119	MLF	#2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,016.84	1,850.82
26 05 13 16-0120	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,364.37	1,850.82
26 05 13 16-0121	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,496.49	1,850.82
26 05 13 16-0122	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,571.03	1,850.82
26 05 13 16-0123	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	14,577.40	1,931.94
26 05 13 16-0124	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	14,999.55	1,931.94
26 05 13 16-0125	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	17,523.36	2,020.34
26 05 13 16-0126	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	20,117.04	2,067.71
26 05 13 16-0127	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	25,049.44	2,329.07
26 05 13 16-0128		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0116)*		
		Note: Excludes excavation.		
26 05 13 16-0129	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,373.46	
26 05 13 16-0130	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,505.57	
26 05 13 16-0131	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,580.12	
26 05 13 16-0132	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,612.06	
26 05 13 16-0133	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,034.19	
26 05 13 16-0134	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,661.67	
26 05 13 16-0135	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	18,256.09	
26 05 13 16-0136	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	22,932.12	
26 05 13 16-0137		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0116)*		
26 05 13 16-0138	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,937.46	827.14
26 05 13 16-0139	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,404.57	953.06
26 05 13 16-0140	MLF	2/0 AWG, EPEPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,920.00	1,118.81
26 05 13 16-0141	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,151.21	1,279.47
26 05 13 16-0142	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,118.78	1,484.55
26 05 13 16-0143	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,069.74	1,728.21
26 05 13 16-0144	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	20,304.58	2,013.80
26 05 13 16-0145	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	25,449.36	2,339.23
26 05 13 16-0146		15 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0085)*		
26 05 13 16-0147	MLF	1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	12,544.25	1,857.31
26 05 13 16-0148	MLF	2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,679.97	1,901.70
26 05 13 16-0149	MLF	3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	16,570.34	1,946.10
26 05 13 16-0150	MLF	350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	23,118.89	2,075.78
26 05 13 16-0151		Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 16-0085)*		
		Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0152		Galvanized Steel Interlocked Armor Cable *(26 05 13 16-0151)*		
26 05 13 16-0153	LF	3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	56.55	14.16
26 05 13 16-0154	LF	3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	68.60	15.08
26 05 13 16-0155		Aluminum Interlocked Armor Cable *(26 05 13 16-0151)*		
26 05 13 16-0156	LF	3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	56.55	14.16
26 05 13 16-0157	LF	3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	68.60	15.08
26 05 13 16-0158		Type URD, 15 KV Primary Concentric UD Cable *(26 05 13 16-0085)*		
		Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0159	MLF	#4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	4,162.55	928.72
26 05 13 16-0160	MLF	#2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	5,023.76	1,014.07
26 05 13 16-0161	MLF	#1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	6,068.90	1,145.75
26 05 13 16-0162	MLF	1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	7,951.32	1,407.77
26 05 13 16-0163	MLF	2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	9,075.71	1,584.83
26 05 13 16-0164	MLF	3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	11,365.66	1,764.40
26 05 13 16-0165	MLF	4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	12,778.72	1,975.08
26 05 13 16-0166		15 KV, URD Copper Cable, Direct Burial *(26 05 13 16-0085)*		
26 05 13 16-0167	MLF	3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial	22,197.03	
26 05 13 16-0168		Wire Connections *(26 05 13 16-0001)*		
26 05 13 16-0169		Medium Voltage Up To 5 KV *(26 05 13 16-0168)*		
26 05 13 16-0170		Shielded One Conductor Cable Splice *(26 05 13 16-0169)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0171	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	361.31	115.34
26 05 13 16-0172	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	488.78	115.34
26 05 13 16-0173	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	488.78	115.34
26 05 13 16-0174	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	523.11	138.40
26 05 13 16-0175	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	523.11	138.40
26 05 13 16-0176	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	523.11	138.40
26 05 13 16-0177	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	568.87	161.48
26 05 13 16-0178	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	568.87	161.48
26 05 13 16-0179	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	568.87	161.48
26 05 13 16-0180		Cable Termination Without Stress Cone *(26 05 13 16-0169)*		
26 05 13 16-0181	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	545.18	138.40
26 05 13 16-0182	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	628.94	161.48
26 05 13 16-0183		Cable Termination With Stress Cone *(26 05 13 16-0169)*		
26 05 13 16-0184	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,644.69	276.81
26 05 13 16-0185	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	2,259.86	380.61
26 05 13 16-0186		Connect To Pothead, Pothead Included *(26 05 13 16-0169)*		
26 05 13 16-0187	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	1,721.68	276.81
26 05 13 16-0188	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	2,208.73	317.18
26 05 13 16-0189		Two Conductor Pothead *(26 05 13 16-0169)* Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA	#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,232.71	380.61
26 05 13 16-0191	EA	250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,656.84	484.42
26 05 13 16-0192	EA	400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	2,557.44	549.24
26 05 13 16-0193	EA	750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	4,199.51	640.82
26 05 13 16-0194	EA	1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	7,758.26	961.11
26 05 13 16-0195		Three Conductor Pothead *(26 05 13 16-0169)* Note: Includes 5 KV pothead.		
26 05 13 16-0196	EA	#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	5,161.82	553.63
26 05 13 16-0197	EA	250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	5,645.88	645.89
26 05 13 16-0198		Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0169)* Note: For bare wire.		
26 05 13 16-0199	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	78.03	
26 05 13 16-0200	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	86.31	
26 05 13 16-0201	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	100.62	
26 05 13 16-0202	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	113.85	
26 05 13 16-0203	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	128.61	
26 05 13 16-0204	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	142.76	
26 05 13 16-0205	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	156.67	
26 05 13 16-0206	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	171.60	
26 05 13 16-0207	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	185.91	
26 05 13 16-0208	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	200.68	
26 05 13 16-0209	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	216.05	
26 05 13 16-0210	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	230.01	
26 05 13 16-0211	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	260.37	
26 05 13 16-0212	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	292.16	
26 05 13 16-0213		Aluminum Cable Splice, Crimp Compression Connection *(26 05 13 16-0169)* Note: For bare wire.		
26 05 13 16-0214	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	80.78	
26 05 13 16-0215	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	87.83	
26 05 13 16-0216	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	118.86	
26 05 13 16-0217	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	141.35	
26 05 13 16-0218	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	154.78	
26 05 13 16-0219	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	168.15	
26 05 13 16-0220	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	184.94	
26 05 13 16-0221	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	200.02	
26 05 13 16-0222	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	214.45	
26 05 13 16-0223	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	229.51	
26 05 13 16-0224	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	244.13	
26 05 13 16-0225	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	280.61	
26 05 13 16-0226	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	317.41	
26 05 13 16-0227		15 KV *(26 05 13 16-0168)*		
26 05 13 16-0228		Single Conductor Pothead On Racks *(26 05 13 16-0227)* Note: Includes pothead.		
26 05 13 16-0229	EA	#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks	1,496.00	484.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0230	EA	250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks	1,910.37	599.75
26 05 13 16-0231		**Two Conductor Pothead On Rack** *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0232	EA	#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks	2,200.03	738.16
26 05 13 16-0233	EA	250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks	2,647.63	876.57
26 05 13 16-0234		**Three Conductor Pothead On Rack** *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0235	EA	#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks	2,806.80	957.30
26 05 13 16-0236	EA	250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks	3,496.09	1,199.52
26 05 13 16-0237		**Stress Relief Cone On Rack** *(26 05 13 16-0227)*		
26 05 13 16-0238	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	1,402.98	484.42
26 05 13 16-0239	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,805.79	599.75
26 05 13 16-0240		**Grounded, Shielded Cable Splice** *(26 05 13 16-0227)*		
26 05 13 16-0241	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	963.58	357.55
26 05 13 16-0242	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	1,234.18	461.35
26 05 13 16-0243	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	6,052.13	1,268.72
26 05 13 16-0244	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	7,802.70	1,384.06
26 05 13 16-0245		**Cable Termination** *(26 05 13 16-0227)*		
26 05 13 16-0246	EA	#2 To 3/0 AWG Cable Termination 15 KV	643.77	201.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.10*	
26 05 13 16-0247	EA	4/0 To 250 MCM Cable Termination 15 KV	812.78	259.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.71*	
26 05 13 16-0248	EA	350 To 500 MCM Cable Termination 15 KV	1,008.20	317.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.31*	
26 05 13 16-0249	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	411.79	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 05 13 16-0250		**Stress Cones, 5-15 KV, 4 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0251	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	835.64	149.94
26 05 13 16-0252	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	952.49	165.71
26 05 13 16-0253	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	1,133.16	181.36
26 05 13 16-0254	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	1,460.56	208.95
26 05 13 16-0255		**Stress Cones, 5-15 KV, 6 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0256	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,671.31	300.39
26 05 13 16-0257	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,905.21	331.43
26 05 13 16-0258	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	2,252.87	355.98
26 05 13 16-0259	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	2,921.12	417.89
26 05 13 16-0260		**35 KV** *(26 05 13 16-0168)*		
26 05 13 16-0261		**35 KV One Conductor Splice** *(26 05 13 16-0260)*		
26 05 13 16-0262	EA	#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing	2,408.85	
26 05 13 16-0263		**Cable Termination** *(26 05 13 16-0260)*		
26 05 13 16-0264	EA	#2 To 3/0 AWG Cable Termination, 35 KV	566.73	138.52
26 05 13 16-0265	EA	3/0 AWG To 250 MCM, 35 KV, Cable Termination	772.39	209.00
26 05 13 16-0266	EA	350 To 500 MCM Cable Termination 35 KV	898.22	223.53
26 05 13 16-0267	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	449.24	115.34
26 05 13 16-0268		**70 KV** *(26 05 13 16-0168)*		
26 05 13 16-0269		**Cable Splice** *(26 05 13 16-0268)*		
26 05 13 16-0270	EA	350 MCM, 70 KV, Cable Splicing	13,152.77	
26 05 13 16-0271	EA	#2 To 4/0, 70 KV, Cable Splicing	2,502.95	

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		**Under Carpet Power System** *(26 05 19 13)*		
		Note: Includes laying out, floor prep, taping, testing, drill floor, folds.		
26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	8.57	0.53
26 05 19 13-0003	LF	Steel, Top Shield	12.32	0.53

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 13-0004	EA	3-Conductor, Splice	42.19	8.95
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	10.43	4.21
26 05 19 13-0006	EA	3-Conductor, Tap	53.28	10.54
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	91.14	8.95
26 05 19 13-0008	EA	3-Conductor, Transition Block Assembly	60.07	5.26
26 05 19 13-0009	EA	Single, Direct Connected, Receptacle With Box	180.15	16.85
26 05 19 13-0010	EA	Dual, Direct Connected, Receptacle With Box	302.12	26.34
26 05 19 13-0011	EA	Floor Mounted Box With Cover	306.65	21.08
26 05 19 13-0012	LF	5-Conductor, #12 Cable With Attached Bottom Shield	13.97	0.53
26 05 19 13-0013	LF	Steel, Top Shield For 5-Conductor Cable	13.86	0.53
26 05 19 13-0014	EA	5-Conductor, Splice	42.88	8.95
26 05 19 13-0015	EA	5-Conductor, Transition Block Assembly	81.32	5.26
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	125.13	21.08
26 05 19 13-0017	EA	Telephone, Transition Fitting Wall Box	78.70	17.39
26 05 19 13-0018	EA	RJ-45, Telephone Fitting With Duplex Jack And Cover	106.66	20.02
26 05 19 13-0019	EA	Miniature Telephone With Duplex RJ-45	46.67	7.90
26 05 19 13-0020	LF	4-Pair, Level 5, Under Carpet Telephone Wire	2.63	0.53
26 05 19 13-0021	EA	BNC, Coax Plug, Connector	32.67	10.54
26 05 19 13-0022	EA	TNC, Coax Plug, Connector	32.67	10.54
26 05 19 13-0023	CLF	Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	174.71	52.68

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.37	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.19	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.63	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.40	

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.04	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	3.87	
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	425.90	

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0057 for various conduit types.

26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

26 05 19 16-0013 Single Solid Conductor, Copper *(26 05 19 16-0012)*

26 05 19 16-0014	MLF	#14 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	663.68	255.73
26 05 19 16-0015	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	837.71	300.83
26 05 19 16-0016	MLF	#10 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,047.88	367.85
26 05 19 16-0017	MLF	#14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	884.00	255.73
26 05 19 16-0018	MLF	#12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,078.32	300.83
26 05 19 16-0019	MLF	#10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,309.24	367.85

26 05 19 16-0020 Power Cable, Stranded Conductor, Copper *(26 05 19 16-0012)*

26 05 19 16-0021 Power Cable, Stranded, Single Conductor, XHHW-2 *(26 05 19 16-0020)*

26 05 19 16-0022	MLF	#16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	706.83	210.74
26 05 19 16-0023	MLF	#14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	831.21	252.88
26 05 19 16-0024	MLF	#12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,035.93	295.04
26 05 19 16-0025	MLF	#10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,294.87	337.19
26 05 19 16-0026	MLF	#8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit	1,747.79	421.48
26 05 19 16-0027	MLF	#6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	2,412.02	505.78
26 05 19 16-0028	MLF	#4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,350.19	632.23
26 05 19 16-0029	MLF	#3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,989.01	716.52
26 05 19 16-0030	MLF	#2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	4,761.32	800.82
26 05 19 16-0031	MLF	#1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	5,988.54	885.11
26 05 19 16-0032	MLF	1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	7,225.20	1,011.56
26 05 19 16-0033	MLF	2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	8,714.14	1,138.01
26 05 19 16-0034	MLF	3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	10,508.63	1,264.44
26 05 19 16-0035	MLF	4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	12,692.41	1,390.89
26 05 19 16-0036	MLF	250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	13,416.29	1,517.34
26 05 19 16-0037	MLF	300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	16,032.61	1,643.79
26 05 19 16-0038	MLF	350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	17,089.79	1,770.22
26 05 19 16-0039	MLF	400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	19,182.83	1,896.67
26 05 19 16-0040	MLF	500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	22,351.24	2,023.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0041	MLF	600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	25,851.33	2,191.71
26 05 19 16-0042	MLF	750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	40,005.71	2,444.60
26 05 19 16-0043	MLF	1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	56,893.95	2,866.09

26 05 19 16-0044 Power Cable, Stranded, Multi Conductor, XHHW-2 *(26 05 19 16-0020)*

26 05 19 16-0045	MLF	2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,662.42	505.67
26 05 19 16-0046	MLF	3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,072.14	590.19
26 05 19 16-0047	MLF	4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,587.36	716.52
26 05 19 16-0048	MLF	6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,142.42	779.43
26 05 19 16-0049	MLF	7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,447.40	821.78
26 05 19 16-0050	MLF	9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,055.73	905.98
26 05 19 16-0051	MLF	10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,559.69	944.33
26 05 19 16-0052	MLF	12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,969.44	1,032.64
26 05 19 16-0053	MLF	14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,525.88	1,096.07
26 05 19 16-0054	MLF	24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,253.14	1,391.00
26 05 19 16-0055	MLF	37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	12,525.68	2,065.27
26 05 19 16-0056	MLF	2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,072.11	590.19
26 05 19 16-0057	MLF	3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,686.41	716.52
26 05 19 16-0058	MLF	4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,300.73	842.97
26 05 19 16-0059	MLF	2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,799.65	758.35
26 05 19 16-0060	MLF	3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,671.86	926.42
26 05 19 16-0061	MLF	4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,758.48	1,180.36
26 05 19 16-0062	MLF	6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,506.03	1,517.87
26 05 19 16-0063	MLF	9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,914.35	1,938.92
26 05 19 16-0064	MLF	2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,548.27	864.04
26 05 19 16-0065	MLF	3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,611.13	1,011.56
26 05 19 16-0066	MLF	4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,990.12	1,285.52
26 05 19 16-0067	MLF	2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,718.76	969.41
26 05 19 16-0068	MLF	3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,445.76	1,201.23
26 05 19 16-0069	MLF	4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,294.04	1,481.51
26 05 19 16-0070	MLF	2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,479.55	1,176.15
26 05 19 16-0071	MLF	3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,672.10	1,345.27
26 05 19 16-0072	MLF	4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	11,275.34	1,678.77
26 05 19 16-0073	MLF	2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	9,100.08	1,432.62
26 05 19 16-0074	MLF	3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	12,282.95	1,602.06
26 05 19 16-0075	MLF	4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	16,305.64	2,107.41
26 05 19 16-0076	MLF	3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	16,384.19	2,022.80
26 05 19 16-0077	MLF	4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	21,422.55	2,527.85
26 05 19 16-0078	MLF	3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	19,569.15	2,192.13
26 05 19 16-0079	MLF	3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	23,926.95	2,527.85
26 05 19 16-0080	MLF	3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	29,415.28	2,949.12
26 05 19 16-0081	MLF	4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	38,869.28	3,791.77
26 05 19 16-0082	MLF	3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	36,082.41	3,374.71
26 05 19 16-0083	MLF	3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	38,348.08	3,791.77
26 05 19 16-0084	MLF	3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	48,529.68	4,214.83
26 05 19 16-0085	MLF	3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	63,461.12	4,632.31

26 05 19 16-0086 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0012)
Note: Direct bury.

26 05 19 16-0087	MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,150.19	
26 05 19 16-0088	MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,358.48	
26 05 19 16-0089	MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,763.84	
26 05 19 16-0090	MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,361.98	
26 05 19 16-0091	MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,462.67	
26 05 19 16-0092	MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,624.55	
26 05 19 16-0093	MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,893.97	
26 05 19 16-0094	MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,779.65	
26 05 19 16-0095	MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,905.02	
26 05 19 16-0096	MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,373.98	
26 05 19 16-0097	MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,318.39	
26 05 19 16-0098	MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,502.69	
26 05 19 16-0099	MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,016.51	
26 05 19 16-0100	MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	24,279.57	
26 05 19 16-0101	MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	27,269.11	
26 05 19 16-0102	MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	30,805.07	
26 05 19 16-0103	MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	36,893.10	
26 05 19 16-0104	MLF	600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	43,856.71	
26 05 19 16-0105	MLF	750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	71,723.62	
26 05 19 16-0106	MLF	#14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	823.15	
26 05 19 16-0107	MLF	#12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	993.15	
26 05 19 16-0108	MLF	#10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,201.48	
26 05 19 16-0109	MLF	#8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,467.68	
26 05 19 16-0110	MLF	#6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,915.62	
26 05 19 16-0111	MLF	#4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,578.39	
26 05 19 16-0112	MLF	#2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,544.98	
26 05 19 16-0113	MLF	#1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,242.36	
26 05 19 16-0114	MLF	1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,794.74	
26 05 19 16-0115	MLF	2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,405.56	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0116		MLF	3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,326.21	
26 05 19 16-0117		MLF	4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,459.59	
26 05 19 16-0118		MLF	250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,507.69	
26 05 19 16-0119		MLF	300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,618.57	
26 05 19 16-0120		MLF	350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,832.59	
26 05 19 16-0121		MLF	400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,091.52	
26 05 19 16-0122		MLF	500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,225.95	
26 05 19 16-0123		MLF	750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	24,512.61	
26 05 19 16-0124		MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	688.16	
26 05 19 16-0125		MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	863.00	
26 05 19 16-0126		MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,084.27	
26 05 19 16-0127		MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,551.79	
26 05 19 16-0128		MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,156.81	
26 05 19 16-0129		MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,907.50	
26 05 19 16-0130		MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,211.17	
26 05 19 16-0131		MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,062.29	
26 05 19 16-0132		MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,893.06	
26 05 19 16-0133		MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,724.04	
26 05 19 16-0134		MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,068.86	
26 05 19 16-0135		MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,687.63	
26 05 19 16-0136		MLF	250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,447.96	
26 05 19 16-0137		MLF	300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,286.70	
26 05 19 16-0138		MLF	350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	15,271.40	
26 05 19 16-0139		MLF	400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	17,182.46	
26 05 19 16-0140		MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,575.39	
26 05 19 16-0141		MLF	600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	24,878.57	
26 05 19 16-0142		MLF	750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	40,177.29	
26 05 19 16-0143		MLF	#2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,623.25	
26 05 19 16-0144		MLF	1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,630.84	
26 05 19 16-0145		MLF	2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,679.79	
26 05 19 16-0146		MLF	3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,155.36	
26 05 19 16-0147		MLF	4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,522.02	
26 05 19 16-0148		MLF	250 MCM,Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,556.00	
26 05 19 16-0149		MLF	350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	21,228.98	
26 05 19 16-0150		MLF	400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	23,103.29	
26 05 19 16-0151		MLF	500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	26,472.68	

26 05 19 16-0152 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

26 05 19 16-0153 ACTHH, Solid *(26 05 19 16-0152)*

26 05 19 16-0154		MLF	1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable	2,597.87	692.03
26 05 19 16-0155		MLF	1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable	3,002.10	784.29
26 05 19 16-0156		MLF	1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable	3,463.73	830.43
26 05 19 16-0157		MLF	2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,680.31	1,153.38
26 05 19 16-0158		MLF	2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	3,919.40	1,291.55
26 05 19 16-0159		MLF	2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	5,049.13	1,430.99
26 05 19 16-0160		MLF	2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	6,727.61	1,569.17
26 05 19 16-0161		MLF	3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	4,494.16	1,291.55
26 05 19 16-0162		MLF	3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,675.02	1,430.99
26 05 19 16-0163		MLF	3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	6,069.42	1,615.42
26 05 19 16-0164		MLF	3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	8,031.29	1,752.90
26 05 19 16-0165		MLF	4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	5,405.35	1,430.99
26 05 19 16-0166		MLF	4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	5,902.97	1,615.42
26 05 19 16-0167		MLF	4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	7,620.34	1,799.38
26 05 19 16-0168		MLF	4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	10,053.48	1,938.48

26 05 19 16-0169 ACTHH, Stranded *(26 05 19 16-0152)*

26 05 19 16-0170		MLF	2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	6,959.38	1,661.90
26 05 19 16-0171		MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	8,547.03	1,890.73
26 05 19 16-0172		MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,262.67	1,845.41
26 05 19 16-0173		MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	10,469.98	2,074.47
26 05 19 16-0174		MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	13,392.58	2,306.76
26 05 19 16-0175		MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	15,450.12	2,534.89
26 05 19 16-0176		MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	17,766.73	2,765.91
26 05 19 16-0177		MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	10,741.79	2,213.79
26 05 19 16-0178		MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	13,112.05	2,443.55

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0179		MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	17,079.31	2,676.07
26 05 19 16-0180		MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	18,729.91	2,905.24
26 05 19 16-0181		MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	22,364.44	3,134.19
26 05 19 16-0182	HCFC, Solid *(26 05 19 16-0152)*				
26 05 19 16-0183		MLF	2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	4,180.85	1,153.38
26 05 19 16-0184		MLF	2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	4,562.74	1,295.93
26 05 19 16-0185		MLF	2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	5,111.11	1,423.96
26 05 19 16-0186		MLF	3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	5,114.34	1,295.93
26 05 19 16-0187		MLF	3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	5,472.05	1,423.96
26 05 19 16-0188		MLF	3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	7,264.16	1,624.53
26 05 19 16-0189		MLF	4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	6,359.94	1,423.96
26 05 19 16-0190		MLF	4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	6,917.90	1,624.53
26 05 19 16-0191		MLF	4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	9,646.16	1,802.16
26 05 19 16-0192	MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0152)*				
26 05 19 16-0193		MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,602.95	1,153.38
26 05 19 16-0194		MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,022.39	1,295.93
26 05 19 16-0195		MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,868.36	1,423.96
26 05 19 16-0196		MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,300.25	1,521.65
26 05 19 16-0197		MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,914.32	1,613.12
26 05 19 16-0198		MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,170.40	1,295.93
26 05 19 16-0199		MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,714.87	1,423.96
26 05 19 16-0200		MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,037.44	1,624.53
26 05 19 16-0201		MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,935.56	1,752.90
26 05 19 16-0202		MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,320.33	1,890.73
26 05 19 16-0203		MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,611.57	2,030.64
26 05 19 16-0204		MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	16,223.94	2,168.01
26 05 19 16-0205		MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,854.93	1,423.96
26 05 19 16-0206		MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,563.52	1,624.53
26 05 19 16-0207		MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,573.63	1,802.16
26 05 19 16-0208		MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,746.88	1,985.19
26 05 19 16-0209		MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	14,435.00	2,124.06
26 05 19 16-0210		MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	19,188.87	2,261.54
26 05 19 16-0211		MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	24,926.78	2,397.87
26 05 19 16-0212	FPLP Solid TFN Red Armored Cable *(26 05 19 16-0152)* Note: Color coded red.				
26 05 19 16-0213		MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,765.88	876.57
26 05 19 16-0214		MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,271.41	1,014.97
26 05 19 16-0215		MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,322.53	1,153.38
26 05 19 16-0216		MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,113.13	1,291.78
26 05 19 16-0217		MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,281.79	1,014.97
26 05 19 16-0218		MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,073.33	1,153.38
26 05 19 16-0219		MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,412.35	1,291.78
26 05 19 16-0220		MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,304.90	1,430.19
26 05 19 16-0221	FPLP Solid THHN Red Armored Cable *(26 05 19 16-0152)* Note: Color coded red.				
26 05 19 16-0222		MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,749.57	1,153.38
26 05 19 16-0223		MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	5,934.72	1,291.78
26 05 19 16-0224		MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	7,972.25	1,430.19
26 05 19 16-0225		MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,266.90	1,568.59
26 05 19 16-0226		MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,034.78	1,291.78
26 05 19 16-0227		MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,423.83	1,430.19
26 05 19 16-0228	FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0152)* Note: Color coded red.				
26 05 19 16-0229		MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,105.69	876.57
26 05 19 16-0230		MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	6,608.68	1,291.78
26 05 19 16-0231		MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,066.19	1,014.97
26 05 19 16-0232		MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	5,996.49	1,153.38
26 05 19 16-0233		MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,384.74	1,430.19
26 05 19 16-0234		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,931.54	1,199.52
26 05 19 16-0235		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	7,353.80	1,384.06
26 05 19 16-0236	Armored Cable Connectors *(26 05 19 16-0152)*				

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0237	EA	3/4" Armored Cable Connector	7.03	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.90*	
26 05 19 16-0238	EA	1" Armored Cable Connector	9.38	3.37
		For Work In Restricted Working Space, Add	*2.53*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.11*	
		For Elevated Installation >25' To 30', Add	*2.95*	
		For Elevated Installation >30' To 35', Add	*3.37*	
		For Elevated Installation >35' To 40', Add	*4.22*	
		For Elevated Installation >40', Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 05 19 16-0239	EA	1-1/4" Armored Cable Connector	11.79	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 19 16-0240		600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0012)*		
26 05 19 16-0241	MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	954.89	168.91
		For EPR Insulation, Add	*48.40*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*112.93*	
26 05 19 16-0242	MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,066.52	187.03
		For EPR Insulation, Add	*49.34*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*115.12*	
26 05 19 16-0243	MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,323.19	233.81
		For EPR Insulation, Add	*72.03*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*168.08*	
26 05 19 16-0244	MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,843.19	371.96
		For EPR Insulation, Add	*118.42*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*276.32*	
26 05 19 16-0245	MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,591.08	446.35
		For EPR Insulation, Add	*198.99*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*464.32*	
26 05 19 16-0246	MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,587.59	518.21
		For EPR Insulation, Add	*301.05*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*702.46*	
26 05 19 16-0247	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,097.87	593.13
		For EPR Insulation, Add	*345.99*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*807.30*	
26 05 19 16-0248	MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,261.72	668.05
		For EPR Insulation, Add	*488.95*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,140.89*	
26 05 19 16-0249	MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,617.16	744.03
		For EPR Insulation, Add	*660.66*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,541.53*	
26 05 19 16-0250	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,029.65	839.38
		For EPR Insulation, Add	*825.11*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,925.27*	
26 05 19 16-0251	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,759.59	930.84
		For EPR Insulation, Add	*1,037.19*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,420.10*	
26 05 19 16-0252	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,801.74	1,039.16
		For EPR Insulation, Add	*1,296.09*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,024.21*	
26 05 19 16-0253	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,344.77	1,155.39
		For EPR Insulation, Add	*1,480.13*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,453.64*	
26 05 19 16-0254	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,177.78	1,267.19
		For EPR Insulation, Add	*1,557.67*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,634.55*	
26 05 19 16-0255	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,865.05	1,393.00
		For EPR Insulation, Add	*1,913.34*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*4,464.46*	
26 05 19 16-0256	MLF	350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,871.83	1,476.77
		For EPR Insulation, Add	*2,166.94*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,056.19*	
26 05 19 16-0257	MLF	400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	21,224.14	1,650.53
		For EPR Insulation, Add	*2,472.37*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,768.86*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0258		MLF	500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	24,385.07	1,835.66
			For EPR Insulation, Add	*2,899.09*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*6,764.54*	
26 05 19 16-0259		MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	28,714.34	1,909.85
			For EPR Insulation, Add	*3,485.26*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*8,132.27*	
26 05 19 16-0260		MLF	750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	47,604.46	1,983.92
			For EPR Insulation, Add	*6,223.94*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*14,522.54*	
26 05 19 16-0261		MLF	1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	60,368.63	2,119.85
			For EPR Insulation, Add	*8,075.35*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*18,842.47*	
26 05 19 16-0262		MLF	#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,671.65	379.12
26 05 19 16-0263		MLF	#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,128.11	421.48
26 05 19 16-0264		MLF	#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,687.53	506.20
26 05 19 16-0265		MLF	#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,193.07	589.86
26 05 19 16-0266		MLF	#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,933.34	631.60
26 05 19 16-0267		MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	518.82	210.74
26 05 19 16-0268		MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	646.66	231.82
26 05 19 16-0269		MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	680.48	169.01
26 05 19 16-0270		MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	852.01	201.47
26 05 19 16-0271		MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,067.80	253.42
26 05 19 16-0272		MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,523.05	334.02
26 05 19 16-0273		MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,109.30	403.36
26 05 19 16-0274		MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,834.28	476.70
26 05 19 16-0275		MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,403.60	539.60
26 05 19 16-0276		MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,095.94	604.30
26 05 19 16-0277		MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,916.57	681.96
26 05 19 16-0278		MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,722.83	746.76
26 05 19 16-0279		MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,524.27	825.26
26 05 19 16-0280		MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,815.09	872.89
26 05 19 16-0281		MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,371.84	982.05
26 05 19 16-0282		MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,063.39	1,044.75
26 05 19 16-0283		MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,829.62	1,183.21
26 05 19 16-0284		MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,734.87	1,309.44
26 05 19 16-0285		MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,569.99	1,345.27
26 05 19 16-0286		MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	19,816.39	1,423.24
26 05 19 16-0287		MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	24,773.20	1,674.87
26 05 19 16-0288		MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	38,535.02	1,983.92
26 05 19 16-0289		MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	46,249.06	2,395.29
26 05 19 16-0290		MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,503.08	506.20
26 05 19 16-0291		MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,787.95	589.86
26 05 19 16-0292		MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,228.57	674.90
26 05 19 16-0293		MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,170.49	758.35
26 05 19 16-0294		MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,722.32	842.97
26 05 19 16-0295		MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,991.08	926.42

26 05 19 16-0296 600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0012)*

26 05 19 16-0297		MLF	#6 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,100.27	318.01
26 05 19 16-0298		MLF	#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,300.71	369.78
26 05 19 16-0299		MLF	#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,697.34	474.67
26 05 19 16-0300		MLF	#1 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,073.03	530.05
26 05 19 16-0301		MLF	1/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,390.57	597.17
26 05 19 16-0302		MLF	2/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,708.50	659.12
26 05 19 16-0303		MLF	3/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,177.38	743.85
26 05 19 16-0304		MLF	4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,515.91	820.66
26 05 19 16-0305		MLF	250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,043.00	902.17
26 05 19 16-0306		MLF	300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,921.83	981.10
26 05 19 16-0307		MLF	350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,159.98	1,060.00
26 05 19 16-0308		MLF	400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,882.02	1,179.01
26 05 19 16-0309		MLF	500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,481.73	1,297.98
26 05 19 16-0310		MLF	600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,880.96	1,512.00
26 05 19 16-0311		MLF	700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,878.22	1,657.57
26 05 19 16-0312		MLF	750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,079.98	1,719.02
26 05 19 16-0313		MLF	1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	12,333.46	2,085.27
26 05 19 16-0314		MLF	#8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,262.48	374.17
26 05 19 16-0315		MLF	#6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,420.16	421.48
26 05 19 16-0316		MLF	#4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,747.97	518.53
26 05 19 16-0317		MLF	#2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,202.22	635.60
26 05 19 16-0318		MLF	#1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,768.53	748.24
26 05 19 16-0319		MLF	1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,185.86	843.28
26 05 19 16-0320		MLF	2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,615.03	936.64
26 05 19 16-0321		MLF	3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,136.63	1,021.89
26 05 19 16-0322		MLF	4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,476.68	1,087.53
26 05 19 16-0323		MLF	250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,054.95	1,163.61
26 05 19 16-0324		MLF	300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,081.79	1,247.06
26 05 19 16-0325		MLF	350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,380.95	1,347.17
26 05 19 16-0326		MLF	400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,195.49	1,469.08
26 05 19 16-0327		MLF	500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,100.52	1,685.93
26 05 19 16-0328		MLF	600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,358.97	1,774.24
26 05 19 16-0329		MLF	700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,359.85	1,870.54

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0330		MLF	750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,711.37	1,987.93
26 05 19 16-0331		MLF	1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,512.72	2,786.01
26 05 19 16-0332		MLF	#6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,499.84	421.48
26 05 19 16-0333		MLF	#4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,869.53	518.42
26 05 19 16-0334		MLF	#2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,330.46	636.44
26 05 19 16-0335		MLF	#1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,917.92	744.03
26 05 19 16-0336		MLF	1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,296.60	839.38
26 05 19 16-0337		MLF	2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,729.28	930.84
26 05 19 16-0338		MLF	3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,313.82	1,021.89
26 05 19 16-0339		MLF	4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,707.35	1,087.53
26 05 19 16-0340		MLF	250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,329.07	1,162.87
26 05 19 16-0341		MLF	300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,435.78	1,248.64
26 05 19 16-0342		MLF	350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,814.04	1,348.96
26 05 19 16-0343		MLF	400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,539.37	1,465.71
26 05 19 16-0344		MLF	500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,676.16	1,685.93
26 05 19 16-0345		MLF	600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,904.74	1,769.49
26 05 19 16-0346		MLF	700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,973.30	1,870.54
26 05 19 16-0347		MLF	750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,404.67	1,981.92

26 05 19 16-0348 Non-Metallic Sheathed Cable *(26 05 19 16-0012)*

26 05 19 16-0349 Indoor Installation *(26 05 19 16-0348)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0350		MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,280.14	800.72
			For Installation In Wood Stud Wall (Includes Drilling), Add	*300.26*	
26 05 19 16-0351		MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,805.31	969.41
			For Installation In Wood Stud Wall (Includes Drilling), Add	*363.54*	
26 05 19 16-0352		MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,571.83	1,072.67
			For Installation In Wood Stud Wall (Includes Drilling), Add	*402.25*	
26 05 19 16-0353		MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,640.67	910.40
			For Installation In Wood Stud Wall (Includes Drilling), Add	*324.02*	
26 05 19 16-0354		MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,436.62	1,011.35
			For Installation In Wood Stud Wall (Includes Drilling), Add	*379.27*	
26 05 19 16-0355		MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,228.46	1,129.57
			For Installation In Wood Stud Wall (Includes Drilling), Add	*423.59*	
26 05 19 16-0356		MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,192.80	1,011.87
			For Installation In Wood Stud Wall (Includes Drilling), Add	*379.47*	
26 05 19 16-0357		MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,397.61	1,180.36
			For Installation In Wood Stud Wall (Includes Drilling), Add	*442.63*	
26 05 19 16-0358		MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,151.19	1,348.75
			For Installation In Wood Stud Wall (Includes Drilling), Add	*505.78*	
26 05 19 16-0359		MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,827.21	1,211.76
			For Installation In Wood Stud Wall (Includes Drilling), Add	*431.49*	
26 05 19 16-0360		MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,042.15	1,464.65
			For Installation In Wood Stud Wall (Includes Drilling), Add	*521.59*	
26 05 19 16-0361		MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,011.78	1,380.35
			For Installation In Wood Stud Wall (Includes Drilling), Add	*489.97*	
26 05 19 16-0362		MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,770.47	1,664.85
			For Installation In Wood Stud Wall (Includes Drilling), Add	*592.71*	
26 05 19 16-0363		MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	14,968.43	1,833.45
			For Installation In Wood Stud Wall (Includes Drilling), Add	*651.98*	
26 05 19 16-0364		MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	17,256.76	1,991.51
			For Installation In Wood Stud Wall (Includes Drilling), Add	*711.25*	

26 05 19 16-0365 Direct Burial Cable *(26 05 19 16-0348)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0366		MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,475.32	
26 05 19 16-0367		MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,264.82	
26 05 19 16-0368		MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,164.32	
26 05 19 16-0369		MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,181.73	
26 05 19 16-0370		MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,503.94	
26 05 19 16-0371		MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,189.14	
26 05 19 16-0372		MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,754.21	
26 05 19 16-0373		MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	7,433.34	
26 05 19 16-0374		MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	7,341.70	
26 05 19 16-0375		MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	9,819.42	

26 05 19 16-0376 SEU Cable Copper, 3 Conductor *(26 05 19 16-0348)*

26 05 19 16-0377		MLF	12-12-12 Cable SEU Copper	3,349.45	1,015.32
26 05 19 16-0378		MLF	10-10-10 Cable SEU Copper	4,333.59	1,153.38
26 05 19 16-0379		MLF	8-8-8 Cable SEU Copper	5,546.88	1,291.55
26 05 19 16-0380		MLF	6-6-8 Cable SEU Copper	6,887.90	1,384.63
26 05 19 16-0381		MLF	6-6-6 Cable SEU Copper	7,472.66	1,430.99
26 05 19 16-0382		MLF	4-4-6 Cable SEU Copper	9,299.11	1,569.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0383	MLF	4-4-4 Cable SEU Copper	10,101.75	1,615.42
26 05 19 16-0384	MLF	3-3-5 Cable SEU Copper	11,900.94	1,752.90
26 05 19 16-0385	MLF	3-3-3 Cable SEU Copper	12,658.72	1,845.41
26 05 19 16-0386	MLF	2-2-4 Cable SEU Copper	13,558.84	1,938.48
26 05 19 16-0387	MLF	2-2-2 Cable SEU Copper	14,541.98	2,030.64
26 05 19 16-0388	MLF	1-1-1 Cable SEU Copper	17,995.62	2,306.76
26 05 19 16-0389	MLF	1/0-1/0-1/0 Cable SEU Copper	21,590.48	2,586.11
26 05 19 16-0390	MLF	2/0-2/0-2/0 Cable SEU Copper	26,220.09	2,912.63
26 05 19 16-0391	MLF	3/0-3/0-3/0 Cable SEU Copper	31,835.98	3,239.84
26 05 19 16-0392	MLF	4/0-4/0-4/0 Cable SEU Copper	35,584.03	3,615.61
26 05 19 16-0393		**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0394	MLF	8-8-8 Cable SEU Aluminum	4,042.18	1,295.93
26 05 19 16-0395	MLF	6-6-6 Cable SEU Aluminum	4,591.38	1,423.96
26 05 19 16-0396	MLF	4-4-6 Cable SEU Aluminum	5,143.77	1,558.67
26 05 19 16-0397	MLF	4-4-4 Cable SEU Aluminum	5,383.77	1,624.53
26 05 19 16-0398	MLF	2-2-4 Cable SEU Aluminum	6,434.94	1,922.34
26 05 19 16-0399	MLF	2-2-2 Cable SEU Aluminum	6,825.59	2,023.48
26 05 19 16-0400	MLF	1-1-1 Cable SEU Aluminum	8,161.32	2,306.76
26 05 19 16-0401	MLF	1/0-1/0-2 Cable SEU Aluminum	8,635.04	2,428.20
26 05 19 16-0402	MLF	1/0-1/0-1/0 Cable SEU Aluminum	10,377.71	2,563.03
26 05 19 16-0403	MLF	2/0-2/0-1 Cable SEU Aluminum	9,750.87	2,746.19
26 05 19 16-0404	MLF	2/0-2/0-2/0 Cable SEU Aluminum	10,295.50	2,883.44
26 05 19 16-0405	MLF	3/0-3/0-1/0 Cable SEU Aluminum	11,178.65	3,019.31
26 05 19 16-0406	MLF	3/0-3/0-3/0 Cable SEU Aluminum	11,951.35	3,203.85
26 05 19 16-0407	MLF	4/0-4/0-2/0 Cable SEU Aluminum	12,642.34	3,463.60
26 05 19 16-0408	MLF	4/0-4/0-4/0 Cable SEU Aluminum	13,335.80	3,604.30
26 05 19 16-0409		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0410	MLF	6-6-6-6 Cable SER Copper	11,738.06	1,661.90
26 05 19 16-0411	MLF	4-4-4-6 Cable SER Copper	12,891.33	1,799.38
26 05 19 16-0412	MLF	3-3-3-5 Cable SER Copper	16,147.16	2,030.64
26 05 19 16-0413	MLF	2-2-2-4 Cable SER Copper	18,581.20	2,213.79
26 05 19 16-0414	MLF	1-1-1-3 Cable SER Copper	21,696.16	2,534.89
26 05 19 16-0415	MLF	1/0-1/0-1/0-2 Cable SER Copper	26,581.94	2,905.24
26 05 19 16-0416	MLF	2/0-2/0-2/0-1 Cable SER Copper	33,740.70	3,134.19
26 05 19 16-0417	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	39,070.90	3,505.69
26 05 19 16-0418		**SER Cable Aluminum, 4 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0419	MLF	8-8-8-8 Cable SER Aluminum	5,352.01	1,551.17
26 05 19 16-0420	MLF	6-6-6-6 Cable SER Aluminum	5,844.09	1,661.90
26 05 19 16-0421	MLF	4-4-4-6 Cable SER Aluminum	6,561.00	1,799.38
26 05 19 16-0422	MLF	2-2-2-4 Cable SER Aluminum	8,281.49	2,213.79
26 05 19 16-0423	MLF	1-1-1-3 Cable SER Aluminum	10,011.54	2,534.89
26 05 19 16-0424	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	11,297.16	2,905.24
26 05 19 16-0425	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	12,676.94	3,134.19
26 05 19 16-0426	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	14,452.27	3,505.69
26 05 19 16-0427	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	16,435.53	3,906.37
26 05 19 16-0428		**Control Tray Cable, Low Voltage** *(26 05 19 16-0011)*		
		Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0429	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,041.59	511.15
		For Work In Restricted Working Space, Add	*255.58*	
26 05 19 16-0430	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,196.83	571.79
		For Work In Restricted Working Space, Add	*285.89*	
26 05 19 16-0431	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,246.51	571.75
		For Work In Restricted Working Space, Add	*285.89*	
26 05 19 16-0432	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,561.02	717.13
		For Work In Restricted Working Space, Add	*358.57*	
26 05 19 16-0433	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	1,957.77	873.89
		For Work In Restricted Working Space, Add	*436.95*	
26 05 19 16-0434	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,224.84	960.98
		For Work In Restricted Working Space, Add	*480.49*	
26 05 19 16-0435	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	2,632.74	1,091.91
		For Work In Restricted Working Space, Add	*545.96*	
26 05 19 16-0436	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,317.25	1,334.62
		For Work In Restricted Working Space, Add	*667.31*	
26 05 19 16-0437	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	3,772.46	1,456.02
		For Work In Restricted Working Space, Add	*728.01*	
26 05 19 16-0438	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	4,408.31	1,501.54
		For Work In Restricted Working Space, Add	*750.77*	
26 05 19 16-0439	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	5,415.96	1,875.81
		For Work In Restricted Working Space, Add	*937.91*	
26 05 19 16-0440	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	6,480.75	2,192.24
		For Work In Restricted Working Space, Add	*1,096.12*	
26 05 19 16-0441	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,133.79	538.45
		For Work In Restricted Working Space, Add	*269.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0442	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,307.96	601.88
		For Work In Restricted Working Space, Add	*300.94*	
26 05 19 16-0443	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,521.78	692.92
		For Work In Restricted Working Space, Add	*346.46*	
26 05 19 16-0444	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,715.37	754.87
		For Work In Restricted Working Space, Add	*377.44*	
26 05 19 16-0445	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	2,159.74	919.89
		For Work In Restricted Working Space, Add	*459.94*	
26 05 19 16-0446	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,464.94	1,011.56
		For Work In Restricted Working Space, Add	*505.78*	
26 05 19 16-0447	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	2,931.74	1,149.39
		For Work In Restricted Working Space, Add	*574.69*	
26 05 19 16-0448	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,707.48	1,404.80
		For Work In Restricted Working Space, Add	*702.40*	
26 05 19 16-0449	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	4,236.40	1,532.51
		For Work In Restricted Working Space, Add	*766.26*	
26 05 19 16-0450	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	5,016.46	1,580.56
		For Work In Restricted Working Space, Add	*790.28*	
26 05 19 16-0451	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	6,152.75	1,974.44
		For Work In Restricted Working Space, Add	*987.22*	
26 05 19 16-0452	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	7,379.80	2,307.62
		For Work In Restricted Working Space, Add	*1,153.81*	
26 05 19 16-0453	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,224.65	562.05
		For Work In Restricted Working Space, Add	*281.03*	
26 05 19 16-0454	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,454.51	632.23
		For Work In Restricted Working Space, Add	*316.11*	
26 05 19 16-0455	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,701.14	722.63
		For Work In Restricted Working Space, Add	*361.31*	
26 05 19 16-0456	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	1,906.77	778.27
		For Work In Restricted Working Space, Add	*389.13*	
26 05 19 16-0457	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,521.46	954.03
		For Work In Restricted Working Space, Add	*477.01*	
26 05 19 16-0458	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	2,896.82	1,053.71
		For Work In Restricted Working Space, Add	*526.96*	
26 05 19 16-0459	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,529.21	1,175.94
		For Work In Restricted Working Space, Add	*587.97*	
26 05 19 16-0460	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	4,215.48	1,404.59
		For Work In Restricted Working Space, Add	*702.40*	
26 05 19 16-0461	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	6,964.66	1,632.20
		For Work In Restricted Working Space, Add	*815.89*	
26 05 19 16-0462	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	6,274.60	1,908.26
		For Work In Restricted Working Space, Add	*954.34*	
26 05 19 16-0463	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	7,274.78	2,132.49
		For Work In Restricted Working Space, Add	*1,066.25*	
26 05 19 16-0464	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	8,747.62	2,492.23
		For Work In Restricted Working Space, Add	*1,246.12*	
26 05 19 16-0465	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,415.21	601.88
		For Work In Restricted Working Space, Add	*300.94*	
26 05 19 16-0466	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,679.69	665.95
		For Work In Restricted Working Space, Add	*332.87*	
26 05 19 16-0467	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	2,033.53	766.26
		For Work In Restricted Working Space, Add	*383.13*	
26 05 19 16-0468	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,290.71	815.57
		For Work In Restricted Working Space, Add	*407.79*	
26 05 19 16-0469	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	2,997.99	972.37
		For Work In Restricted Working Space, Add	*486.18*	
26 05 19 16-0470	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	3,688.17	1,149.39
		For Work In Restricted Working Space, Add	*574.69*	
26 05 19 16-0471	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	4,464.32	1,296.69
		For Work In Restricted Working Space, Add	*648.35*	
26 05 19 16-0472	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	5,301.88	1,487.62
		For Work In Restricted Working Space, Add	*743.81*	
26 05 19 16-0473	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	6,253.69	1,686.14
		For Work In Restricted Working Space, Add	*843.07*	
26 05 19 16-0474	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	7,969.76	1,970.64
		For Work In Restricted Working Space, Add	*985.32*	
26 05 19 16-0475	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	9,233.55	2,303.20
		For Work In Restricted Working Space, Add	*1,151.60*	
26 05 19 16-0476	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	11,147.84	2,692.01
		For Work In Restricted Working Space, Add	*1,346.00*	
26 05 19 16-0477	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,669.01	632.23
		For Work In Restricted Working Space, Add	*316.11*	
26 05 19 16-0478	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	2,063.70	693.34
		For Work In Restricted Working Space, Add	*346.46*	
26 05 19 16-0479	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,502.59	790.28
		For Work In Restricted Working Space, Add	*395.14*	
26 05 19 16-0480	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	2,896.52	857.30
		For Work In Restricted Working Space, Add	*428.65*	
26 05 19 16-0481	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	3,904.64	1,076.04
		For Work In Restricted Working Space, Add	*538.02*	
26 05 19 16-0482	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	4,615.31	1,204.38
		For Work In Restricted Working Space, Add	*602.20*	
26 05 19 16-0483	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	5,378.35	1,404.80
		For Work In Restricted Working Space, Add	*702.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0484	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	6,346.73	1,606.49
		For Work In Restricted Working Space, Add	*803.24*	
26 05 19 16-0485	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	7,511.16	1,820.81
		For Work In Restricted Working Space, Add	*910.40*	
26 05 19 16-0486	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	9,637.74	2,128.07
		For Work In Restricted Working Space, Add	*1,064.03*	
26 05 19 16-0487	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	11,158.65	2,487.17
		For Work In Restricted Working Space, Add	*1,243.58*	
26 05 19 16-0488	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	13,505.50	2,907.60
		For Work In Restricted Working Space, Add	*1,453.80*	

26 05 19 16-0489 ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)*

Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.

26 05 19 16-0490 ACSR Cable *(26 05 19 16-0489)*

26 05 19 16-0491	MLF	#4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,513.91	536.95
26 05 19 16-0492	MLF	#4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	1,586.21	557.54
26 05 19 16-0493	MLF	#2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,673.10	579.00
26 05 19 16-0494	MLF	#2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial)	1,746.13	599.98
26 05 19 16-0495	MLF	1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,862.06	620.32
26 05 19 16-0496	MLF	2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,135.74	703.19
26 05 19 16-0497	MLF	3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,419.73	784.21
26 05 19 16-0498	MLF	4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,721.44	866.34
26 05 19 16-0499	MLF	336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial)	3,358.55	1,113.35
26 05 19 16-0500	MLF	477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	3,838.71	1,277.12

26 05 19 16-0501 All Aluminum Conductors *(26 05 19 16-0489)*

26 05 19 16-0502	MLF	795.0 ACSR Conductor Aluminum	28,592.98	10,586.69

26 05 19 16-0503 Single Conductor Installed On Poles *(26 05 19 16-0011)*

26 05 19 16-0504 Bare Stranded Conductor *(26 05 19 16-0503)*

26 05 19 16-0505	MLF	#12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,398.57	454.95
26 05 19 16-0506	MLF	#10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,652.26	495.88
26 05 19 16-0507	MLF	#8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,907.27	537.32
26 05 19 16-0508	MLF	#6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,365.64	579.00
26 05 19 16-0509	MLF	#4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,906.80	620.81
26 05 19 16-0510	MLF	#2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,216.10	744.63
26 05 19 16-0511	MLF	#1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,855.43	827.14
26 05 19 16-0512	MLF	1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	5,553.91	908.15
26 05 19 16-0513	MLF	2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	7,499.99	1,077.13
26 05 19 16-0514	MLF	3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	9,126.31	1,238.40
26 05 19 16-0515	MLF	4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	9,768.32	1,403.53
26 05 19 16-0516	MLF	250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	12,409.62	1,654.15
26 05 19 16-0517	MLF	300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	12,676.21	1,741.23
26 05 19 16-0518	MLF	350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	15,954.68	1,823.49
26 05 19 16-0519	MLF	400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	17,674.24	1,898.30
26 05 19 16-0520	MLF	500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	20,690.17	1,979.31

26 05 19 16-0521 Insulated Stranded Conductor *(26 05 19 16-0503)*

26 05 19 16-0522	MLF	#12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,525.64	454.95
26 05 19 16-0523	MLF	#10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,816.21	495.88
26 05 19 16-0524	MLF	#8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,230.93	537.32
26 05 19 16-0525	MLF	#6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,426.90	579.00
26 05 19 16-0526	MLF	#4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	3,000.27	620.81
26 05 19 16-0527	MLF	#2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	4,081.12	744.63
26 05 19 16-0528	MLF	#1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	4,841.96	827.14
26 05 19 16-0529	MLF	1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	5,741.85	908.15
26 05 19 16-0530	MLF	2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	6,922.83	1,077.13
26 05 19 16-0531	MLF	3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	8,321.81	1,238.40
26 05 19 16-0532	MLF	4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	9,831.08	1,403.53
26 05 19 16-0533	MLF	250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	12,025.62	1,654.15
26 05 19 16-0534	MLF	300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	13,692.66	1,741.23
26 05 19 16-0535	MLF	350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	15,047.97	1,823.49
26 05 19 16-0536	MLF	400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	16,922.45	1,898.30
26 05 19 16-0537	MLF	500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	19,091.14	1,979.31

26 05 19 16-0538 Bare Solid Conductor *(26 05 19 16-0503)*

26 05 19 16-0539	MLF	#12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,398.57	454.95
26 05 19 16-0540	MLF	#8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,907.27	537.32
26 05 19 16-0541	MLF	#6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,365.64	579.00
26 05 19 16-0542	MLF	#4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,868.18	620.81

26 05 19 16-0543 Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0544		Multi-Conductor Cords *(26 05 19 16-0543)* Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0545		Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0544)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0546		300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0547		#18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0548	LF	2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.23	0.46
26 05 19 16-0549	LF	3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.30	0.46
26 05 19 16-0550	LF	4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.48	0.46
26 05 19 16-0551		#16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0552	LF	2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.44	0.46
26 05 19 16-0553	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.55	0.46
26 05 19 16-0554	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.71	0.46
26 05 19 16-0555		#14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0556	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.64	0.46
26 05 19 16-0557	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.82	0.46
26 05 19 16-0558	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.16	0.46
26 05 19 16-0559		#12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0560	LF	2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.94	0.46
26 05 19 16-0561	LF	3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.15	0.46
26 05 19 16-0562	LF	4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.44	0.46
26 05 19 16-0563		#10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0564	LF	2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.57	0.58
26 05 19 16-0565	LF	3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.71	0.58
26 05 19 16-0566	LF	4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.93	0.58
26 05 19 16-0567		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0568		#18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0569	LF	2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.30	0.46
26 05 19 16-0570	LF	3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.42	0.46
26 05 19 16-0571	LF	4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.59	0.46
26 05 19 16-0572	LF	5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.86	0.62
26 05 19 16-0573	LF	6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.13	0.64
26 05 19 16-0574	LF	7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.34	0.66
26 05 19 16-0575	LF	8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.69	0.67
26 05 19 16-0576	LF	10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.27	0.71
26 05 19 16-0577	LF	12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.90	0.72
26 05 19 16-0578	LF	14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.56	0.74
26 05 19 16-0579	LF	16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.68	0.76
26 05 19 16-0580	LF	18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.86	0.78
26 05 19 16-0581	LF	20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.66	0.79
26 05 19 16-0582	LF	24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.74	0.81
26 05 19 16-0583	LF	30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.16	0.86
26 05 19 16-0584		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0585	LF	2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.54	0.46
26 05 19 16-0586	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.65	0.46
26 05 19 16-0587	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.87	0.46
26 05 19 16-0588	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.00	0.62
26 05 19 16-0589	LF	6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.32	0.64
26 05 19 16-0590	LF	7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.65	0.66

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 19 16-0591	LF	8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.06	0.67
	26 05 19 16-0592	LF	9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.23	0.69
	26 05 19 16-0593	LF	10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.73	0.71
	26 05 19 16-0594	LF	12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.56	0.72
	26 05 19 16-0595	LF	14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.99	0.74
	26 05 19 16-0596	LF	16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.80	0.76
	26 05 19 16-0597	LF	18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.89	0.78
	26 05 19 16-0598	LF	20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.88	0.79
	26 05 19 16-0599	LF	24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.80	0.81
	26 05 19 16-0600	LF	26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.90	0.83
	26 05 19 16-0601	LF	30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.91	0.86
	26 05 19 16-0602		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
	26 05 19 16-0603	LF	2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.85	0.46
	26 05 19 16-0604	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.98	0.46
	26 05 19 16-0605	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.29	0.46
	26 05 19 16-0606	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.97	0.62
	26 05 19 16-0607	LF	6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.80	0.64
	26 05 19 16-0608	LF	7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.08	0.66
	26 05 19 16-0609	LF	8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.74	0.67
	26 05 19 16-0610	LF	9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.19	0.69
	26 05 19 16-0611	LF	10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.94	0.71
	26 05 19 16-0612	LF	12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.66	0.72
	26 05 19 16-0613	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.48	0.74
	26 05 19 16-0614	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.26	0.76
	26 05 19 16-0615	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.53	0.79
	26 05 19 16-0616	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.65	0.81
	26 05 19 16-0617	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	16.19	0.86
	26 05 19 16-0618		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
	26 05 19 16-0619	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.16	0.46
	26 05 19 16-0620	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.40	0.46
	26 05 19 16-0621	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.63	0.46
	26 05 19 16-0622	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.59	0.62
	26 05 19 16-0623	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.35	0.64
	26 05 19 16-0624	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.13	0.66
	26 05 19 16-0625	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.99	0.67
	26 05 19 16-0626	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.59	0.69
	26 05 19 16-0627	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.63	0.71
	26 05 19 16-0628	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.86	0.72
	26 05 19 16-0629	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.00	0.74
	26 05 19 16-0630	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.14	0.76
	26 05 19 16-0631	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.68	0.78
	26 05 19 16-0632	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.66	0.79
	26 05 19 16-0633	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	16.69	0.81
	26 05 19 16-0634	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	18.73	0.83
	26 05 19 16-0635	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	19.38	0.85
	26 05 19 16-0636	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	20.10	0.86
	26 05 19 16-0637		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
	26 05 19 16-0638	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.51	0.58
	26 05 19 16-0639	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.71	0.58

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0640	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.92	0.58
26 05 19 16-0641	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.94	0.62
26 05 19 16-0642	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.60	0.64
26 05 19 16-0643	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.81	0.66
26 05 19 16-0644	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.12	0.71
26 05 19 16-0645	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.63	0.72
26 05 19 16-0646	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.91	0.76
26 05 19 16-0647	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	21.82	0.79
26 05 19 16-0648		#8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0649	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.16	0.69
26 05 19 16-0650	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.63	0.81
26 05 19 16-0651	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.79	0.81
26 05 19 16-0652		#6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0653	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.52	0.81
26 05 19 16-0654	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	9.10	0.92
26 05 19 16-0655	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	10.93	1.15
26 05 19 16-0656		#4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0657	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	12.10	1.15
26 05 19 16-0658	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	13.29	1.27
26 05 19 16-0659	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	16.10	1.38
26 05 19 16-0660		#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0661	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	17.88	2.31
26 05 19 16-0662	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	22.78	2.89
26 05 19 16-0663	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	27.41	3.81
26 05 19 16-0664		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0665		#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0664)*		
26 05 19 16-0666	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.71	0.46
26 05 19 16-0667	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.90	0.46
26 05 19 16-0668	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.30	0.46
26 05 19 16-0669		#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0664)*		
26 05 19 16-0670	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.83	0.46
26 05 19 16-0671	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.14	0.46
26 05 19 16-0672	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.29	0.46
26 05 19 16-0673		#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0664)*		
26 05 19 16-0674	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.61	0.46
26 05 19 16-0675	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.88	0.46
26 05 19 16-0676	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	5.01	0.58
26 05 19 16-0677		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0678		#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0679	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.51	0.46
26 05 19 16-0680	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.05	0.46
26 05 19 16-0681	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.60	0.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0682		#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0683	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.70	0.46
26 05 19 16-0684	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.25	0.46
26 05 19 16-0685	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.11	0.46
26 05 19 16-0686	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.44	0.58
26 05 19 16-0687		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0688	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.37	0.46
26 05 19 16-0689	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.07	0.46
26 05 19 16-0690	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.56	0.58
26 05 19 16-0691		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0692	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.04	0.46
26 05 19 16-0693	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.65	0.46
26 05 19 16-0694	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	5.20	0.58
26 05 19 16-0695		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0696	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.64	0.58
26 05 19 16-0697	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	5.19	0.58
26 05 19 16-0698	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	5.73	0.58
26 05 19 16-0699		Multi-Conductor Type SEOW Cord *(26 05 19 16-0544)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0700		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0699)*		
26 05 19 16-0701		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0702	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.86	0.46
26 05 19 16-0703	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.07	0.46
26 05 19 16-0704	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.23	0.58
26 05 19 16-0705		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0706	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.50	0.46
26 05 19 16-0707	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.91	0.46
26 05 19 16-0708	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.24	0.58
26 05 19 16-0709		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0710	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.16	0.46
26 05 19 16-0711	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.69	0.46
26 05 19 16-0712	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.68	0.58
26 05 19 16-0713		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0714	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.05	0.58
26 05 19 16-0715	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.68	0.58
26 05 19 16-0716	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	5.02	0.58
26 05 19 16-0717		Multi-Conductor Type W Cord *(26 05 19 16-0544)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0718		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0717)*		
26 05 19 16-0719		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0720	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.69	0.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0721	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.13	0.81
26 05 19 16-0722	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.29	0.81
26 05 19 16-0723		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0724	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.10	0.81
26 05 19 16-0725	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.29	0.92
26 05 19 16-0726	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	9.08	1.15
26 05 19 16-0727		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0728	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.43	0.81
26 05 19 16-0729	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	9.97	0.92
26 05 19 16-0730	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	12.85	1.15
26 05 19 16-0731		Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0543)*		
26 05 19 16-0732		Cord Grips *(26 05 19 16-0731)*		
26 05 19 16-0733	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	73.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.97*	
26 05 19 16-0734	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	73.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.97*	
26 05 19 16-0735		Cable Reels *(26 05 19 16-0731)*		
		Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0736	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	908.93	57.66
26 05 19 16-0737	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	2,614.01	57.66
26 05 19 16-0738	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,940.00	57.66
26 05 19 16-0739		Extension Cords For Cable Reel *(26 05 19 16-0731)*		
26 05 19 16-0740	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	191.74	
26 05 19 16-0741	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	272.71	
26 05 19 16-0742		Plugs And Connector Bodies *(26 05 19 16-0731)*		
		Note: Up to 277 volt		
26 05 19 16-0743		NEMA Twist-Lock Plugs *(26 05 19 16-0742)*		
26 05 19 16-0744	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	79.04	
26 05 19 16-0745	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	80.68	
26 05 19 16-0746	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	73.76	
26 05 19 16-0747	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	78.83	
26 05 19 16-0748	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	102.60	
26 05 19 16-0749	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	109.04	
26 05 19 16-0750	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	115.35	
26 05 19 16-0751	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	103.56	
26 05 19 16-0752	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	119.04	
26 05 19 16-0753	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	122.06	
26 05 19 16-0754	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	125.90	
26 05 19 16-0755		NEMA Twist-Lock Connector Bodies *(26 05 19 16-0742)*		
26 05 19 16-0756	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	83.69	
26 05 19 16-0757	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	89.52	
26 05 19 16-0758	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	77.25	
26 05 19 16-0759	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	103.56	
26 05 19 16-0760	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	120.55	
26 05 19 16-0761	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	128.77	
26 05 19 16-0762	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	156.45	
26 05 19 16-0763	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	149.46	
26 05 19 16-0764	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	184.13	
26 05 19 16-0765	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	193.31	
26 05 19 16-0766	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	183.31	
26 05 19 16-0767		Watertight Pin And Sleeve Plug *(26 05 19 16-0742)*		
26 05 19 16-0768	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	266.54	34.60
26 05 19 16-0769	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	269.40	34.60
26 05 19 16-0770	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	291.62	34.60
26 05 19 16-0771	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	291.85	38.06
26 05 19 16-0772	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	287.54	38.06
26 05 19 16-0773	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	288.82	38.06
26 05 19 16-0774	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	407.35	42.56
26 05 19 16-0775	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	396.61	42.56
26 05 19 16-0776	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	442.72	42.56
26 05 19 16-0777	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	434.61	46.71
26 05 19 16-0778	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	415.97	46.71

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26 05 19 16-0779	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	428.79	46.71
26 05 19 16-0780	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	553.66	55.36
26 05 19 16-0781	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	563.88	55.36
26 05 19 16-0782	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	539.64	55.36
26 05 19 16-0783	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	614.67	61.59
26 05 19 16-0784	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	598.76	61.59
26 05 19 16-0785	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	605.64	61.59
26 05 19 16-0786	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	760.30	69.20
26 05 19 16-0787	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	799.79	69.20
26 05 19 16-0788	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	779.11	76.13
26 05 19 16-0789	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	765.63	76.13
26 05 19 16-0790	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	772.91	76.13

26 05 19 16-0791 Watertight Pin And Sleeve Connector *(26 05 19 16-0742)*

26 05 19 16-0792	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	283.00	34.60
26 05 19 16-0793	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	284.98	34.60
26 05 19 16-0794	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	336.16	34.60
26 05 19 16-0795	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	333.32	38.06
26 05 19 16-0796	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	328.13	38.06
26 05 19 16-0797	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	332.83	38.06
26 05 19 16-0798	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	417.18	42.56
26 05 19 16-0799	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	417.07	42.56
26 05 19 16-0800	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	434.72	42.56
26 05 19 16-0801	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	429.82	46.71
26 05 19 16-0802	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	433.46	46.71
26 05 19 16-0803	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	429.62	46.71
26 05 19 16-0804	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	654.53	55.36
26 05 19 16-0805	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	632.92	55.36
26 05 19 16-0806	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	620.03	55.36
26 05 19 16-0807	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	674.71	61.59
26 05 19 16-0808	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	693.50	61.59
26 05 19 16-0809	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	694.87	61.59
26 05 19 16-0810	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	870.95	69.20
26 05 19 16-0811	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	895.74	69.20
26 05 19 16-0812	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	967.82	76.13
26 05 19 16-0813	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	933.77	76.13
26 05 19 16-0814	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	945.38	76.13

26 05 19 16-0815 Accessories *(26 05 19 16-0731)*

26 05 19 16-0816	EA	1/2" Straight Steel Cord Connector	58.49	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0817	EA	1/2" Straight Nylon Cord Connector	35.01	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 19 16-0818	EA	1/2" 90 Degree Steel Cord Connector	66.92	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0819	EA	1/2" 90 Degree Nylon Cord Connector	42.10	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0820	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	66.04	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0821	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	114.56	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 05 19 16-0822	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	41.43	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0823	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	70.14	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0824	EA	3/4" Straight Steel Cord Connector	60.98	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0825	EA	3/4" Straight Nylon Cord Connector	36.26	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 19 16-0826	EA	3/4" 90 Degree Steel Cord Connector	74.71	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0827	EA	3/4" 90 Degree Nylon Cord Connector	46.00	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0828	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	74.42	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 05 19 16-0829	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	88.53	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 19 16-0830	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	49.82	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0831	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	60.17	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 05 19 16-0832	EA	1" Straight Steel Cord Connector	76.98	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 19 16-0833	EA	1" Straight Nylon Cord Connector	44.26	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 19 16-0834	EA	1" 90 Degree Steel Cord Connector	85.27	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0835	EA	1" 90 Degree Nylon Cord Connector	51.29	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0836	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	91.22	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 05 19 16-0837	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	99.62	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 19 16-0838	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	58.34	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 19 16-0839	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	67.38	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*

Note: For surface or conduit installation.

26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	479.58	134.35
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	553.07	141.52
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	601.23	149.63
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	732.12	155.95
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	768.66	163.33
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	849.38	170.12
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	918.93	176.92
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	1,001.52	183.98
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	1,081.48	189.50
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	526.31	134.35
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable	636.44	141.52
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable	733.49	149.63
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable	786.72	155.95
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable	878.33	163.33
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable	899.73	170.12
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable	995.78	176.92
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,185.91	183.98
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,308.91	189.50

26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers *(26 05 26)*

26 05 26 00-0002 Single Conductor *(26 05 26 00-0001)*

26 05 26 00-0003 Copper Bare Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	628.95	215.26
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	853.89	215.26
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	1,079.69	259.31
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	1,530.49	259.31
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	2,094.66	313.11
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	3,365.40	313.11
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	3,913.56	376.72
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	4,596.99	376.72
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	6,506.41	474.57
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	8,053.61	474.57
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	8,502.70	631.13
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	10,989.23	631.13
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	10,996.70	728.98
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	14,931.86	728.98
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	20,455.44	900.22

26 05 26 00-0019 Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	1,258.84	293.55
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	1,317.70	293.55
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,711.39	293.55
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,920.37	508.82
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	2,640.40	508.82
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	3,786.76	508.82
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	4,607.86	890.43
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	5,652.64	890.43
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	6,673.07	890.43
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	8,006.55	890.43
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	9,493.16	1,164.41
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	11,553.68	1,164.41
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	13,510.56	1,164.41
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	15,695.65	1,810.22
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	20,644.17	1,810.22

26 05 26 00-0035 Copper Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	628.95	215.26
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	853.89	215.26
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	1,079.69	259.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	1,530.49	259.31
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	2,094.66	313.11
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	3,365.40	313.11
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	4,596.99	376.72
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	8,502.70	499.03

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	559.05	259.31
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	602.27	259.31
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	668.36	313.11
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	798.73	313.11
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	882.64	376.72
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,010.34	376.72
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	1,143.69	474.57
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	1,293.18	474.57
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	1,548.08	631.13
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	1,706.05	631.13
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	1,940.14	728.98
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	2,146.77	728.98
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	2,547.17	900.22

26 05 26 00-0058 Aluminum Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	559.05	259.31
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	602.27	259.31
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	668.36	313.11
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	798.73	313.11
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	843.15	499.03
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,010.34	499.03
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,045.87	474.57
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	1,096.21	474.57
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	1,548.08	631.13
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	1,706.05	631.13
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	1,940.14	728.98
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	2,146.77	728.98
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	2,547.17	900.22

26 05 26 00-0072 Aluminum Smooth Woven Conductors *(26 05 26 00-0002)*

26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.75	0.79
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.05	0.87
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.62	1.00
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.64	1.02
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.82	1.07

26 05 26 00-0078 Copper Flexible Braid Connector Jumper Strap *(26 05 26 00-0001)*

Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.

26 05 26 00-0079	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	131.49	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 05 26 00-0080	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	226.10	34.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 05 26 00-0081	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	288.92	34.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	350.88	34.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 05 26 00-0083	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	304.22	37.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.95*	
26 05 26 00-0084	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	394.59	37.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.95*	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	473.11	37.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.95*	
26 05 26 00-0086	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	395.53	47.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.55*	
26 05 26 00-0087	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	475.68	57.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	

26 05 26 00-0088 Bonding Jumper For Metallic Conduit *(26 05 26 00-0001)*

26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit	176.49	63.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.04*	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit	217.43	63.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.36*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit	317.62	98.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.43*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit	468.52	98.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0093		**Ground Rods** *(26 05 26)*		
26 05 26 00-0094		**Copper-Clad Ground Rods** *(26 05 26 00-0093)*		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	93.02	86.50
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	96.24	86.50
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	109.25	86.50
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	109.07	86.50
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	113.10	86.50
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	129.36	86.50
26 05 26 00-0101		**Ground Access Wells** *(26 05 26 00-0093)*		
26 05 26 00-0102		**Precast Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0103	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	256.90	
26 05 26 00-0104	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	265.74	
26 05 26 00-0105	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	791.39	
26 05 26 00-0106	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	800.23	
26 05 26 00-0107		**Polyvinyl Chloride (PVC) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0108	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	443.74	
26 05 26 00-0109	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	521.50	
26 05 26 00-0110	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	968.57	
26 05 26 00-0111	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	424.14	
26 05 26 00-0112	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	497.45	
26 05 26 00-0113	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	928.87	
26 05 26 00-0114	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	237.60	
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	254.13	
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	268.48	
26 05 26 00-0117	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	182.76	
26 05 26 00-0118	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	269.94	
26 05 26 00-0119	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	476.12	
26 05 26 00-0120	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	632.48	
26 05 26 00-0121	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	383.25	
26 05 26 00-0122	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	556.58	
26 05 26 00-0123	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	588.97	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	717.42	
26 05 26 00-0125	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	317.53	
26 05 26 00-0126	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	554.66	
26 05 26 00-0127	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	597.10	
26 05 26 00-0128		**Polymer Concrete Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0129	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	497.80	
26 05 26 00-0130	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	546.75	
26 05 26 00-0131	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	548.96	
26 05 26 00-0132	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	602.86	
26 05 26 00-0133	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	602.10	
26 05 26 00-0134	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	661.40	
26 05 26 00-0135	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	805.82	
26 05 26 00-0136	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	886.77	
26 05 26 00-0137		**High Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0138	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	177.75	
26 05 26 00-0139	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	248.71	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0140		**Clay Tile Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0141	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	281.60	
26 05 26 00-0142	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	296.66	
26 05 26 00-0143	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	91.44	
26 05 26 00-0144		**Copper Grounding Shaft** *(26 05 26 00-0093)*		
26 05 26 00-0145	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	345.80	86.50
26 05 26 00-0146	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	431.10	86.50
26 05 26 00-0147	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	673.10	86.50
26 05 26 00-0148		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0149		**Bronze Ground Rod Clamp** *(26 05 26 00-0148)*		
26 05 26 00-0150	EA	1/2" Bronze Ground Rod Clamp	21.86	13.03
26 05 26 00-0151	EA	5/8" Bronze Ground Rod Clamp	22.68	13.03
26 05 26 00-0152	EA	3/4" Bronze Ground Rod Clamp	23.83	13.03
26 05 26 00-0153		**Bronze Pipe Clamps** *(26 05 26 00-0148)*		
26 05 26 00-0154	EA	1/2" To 1" Bronze Pipe Ground Clamps	31.61	21.68
26 05 26 00-0155	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	40.74	25.95
26 05 26 00-0156	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	63.43	30.33
26 05 26 00-0157	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	76.95	38.98
26 05 26 00-0158	EA	4" To 6" Bronze Ground Clamps For Pipe	118.92	56.28
26 05 26 00-0159		**Grounding Fittings** *(26 05 26 00-0148)*		
26 05 26 00-0160		**Embedded Fittings** *(26 05 26 00-0159)*		
26 05 26 00-0161	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	146.95	
26 05 26 00-0162	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	154.32	
26 05 26 00-0163	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	167.38	
26 05 26 00-0164	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	150.57	
26 05 26 00-0165	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	180.47	
26 05 26 00-0166	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	211.45	
26 05 26 00-0167	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	237.71	
26 05 26 00-0168		**Ground Rod Receptacle** *(26 05 26 00-0159)*		
26 05 26 00-0169	EA	1/2" Ground Rod Receptacle	315.05	119.95
26 05 26 00-0170	EA	5/8" Ground Rod Receptacle	328.22	123.33
26 05 26 00-0171	EA	3/4" Ground Rod Receptacle	341.74	126.68
26 05 26 00-0172		**Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0159)*		
26 05 26 00-0173	EA	14-8 AWG Copper Ground Kit	71.53	28.84
26 05 26 00-0174	EA	12-8 AWG Aluminum Ground Kit	73.20	28.84
26 05 26 00-0175	EA	14-4 AWG Copper Ground Kit	77.72	28.84
26 05 26 00-0176	EA	12-4 AWG Aluminum Ground Kit	84.08	28.84
26 05 26 00-0177		**Insulated Grounding Bars** *(26 05 26 00-0148)*		
26 05 26 00-0178	EA	1/2" x 4" x 10" Insulated Ground Bar	281.94	28.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 05 26 00-0179	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	293.90	28.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 05 26 00-0180		**Ground Conductor Bonding** *(26 05 26)*		
26 05 26 00-0181		**Ground Conductor Bonding** *(26 05 26 00-0180)*		
26 05 26 00-0182		**Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0181)*		
26 05 26 00-0183	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	133.74	
26 05 26 00-0184	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	145.27	
26 05 26 00-0185	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	156.81	
26 05 26 00-0186	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	226.00	
26 05 26 00-0187		**Tee, Wye Or Cross Cadweld** *(26 05 26 00-0181)*		
26 05 26 00-0188	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	151.04	
26 05 26 00-0189	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	174.10	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0190	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	214.48	
26 05 26 00-0191	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	260.60	
26 05 26 00-0192		Grounding Equipment *(26 05 26)*		
26 05 26 00-0193		Special Grounding Equipment *(26 05 26 00-0192)*		
26 05 26 00-0194		Ground Reels And Ground Bus *(26 05 26 00-0193)*		
26 05 26 00-0195	EA	Ground Reel With 50' Of Galvanized Steel Cable	599.94	
26 05 26 00-0196		Copper Bars *(26 05 26 00-0193)*		
26 05 26 00-0197	LF	1/4" x 2" Copper Bar	35.66	
26 05 26 00-0198		Phenolic Insulators *(26 05 26 00-0193)*		
26 05 26 00-0199	EA	2" x 2" x 1" Long Phenolic Insulators	28.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 26 00-0200		Grounding Studs *(26 05 26 00-0193)*		
26 05 26 00-0201	EA	Ball Grounding Stud	41.69	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.33*	
26 05 26 00-0202		Equipment Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0203	EA	Switch Rating 30 Ground Bar Kit	31.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 26 00-0204	EA	Switch Rating 60 Ground Bar Kit	39.08	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 05 26 00-0205	EA	Switch Rating 100 Ground Bar Kit	45.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 26 00-0206	EA	Switch Rating 200 Ground Bar Kit	74.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 05 26 00-0207		Panelboard Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0208	EA	Panelboard Ground Bar Kit	103.11	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 26 00-0209		Circuit Breaker Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0210	EA	3 Circuit, Ground Bar Kit	25.62	5.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 26 00-0211	EA	4 Circuit, Ground Bar Kit	25.24	5.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 26 00-0212	EA	7 Circuit, Ground Bar Kit	25.88	5.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 26 00-0213	EA	12 Circuit, Ground Bar Kit	29.34	5.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.88*	
26 05 26 00-0214	EA	20 Circuit, Ground Bar Kit	33.31	6.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.57*	
26 05 26 00-0215	EA	24 Circuit, Ground Bar Kit	36.77	7.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 26 00-0216	EA	30 Circuit, Ground Bar Kit	41.25	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.30*	
26 05 26 00-0217	EA	54 Circuit, Ground Bar Kit	47.80	9.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.69*	
26 05 26 00-0218	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	49.70	7.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 26 00-0219	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	55.21	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.30*	
26 05 26 00-0220	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	61.88	9.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.69*	
26 05 29		Hangers and Supports for Electrical Systems *(26 05)*		
26 05 29 00-0001		Metal Framing Channel And Fittings *(26 05 29)*		
26 05 29 00-0002		Metal Framing Channel *(26 05 29 00-0001)* Note: Excludes fasteners and accessories.		
26 05 29 00-0003		14 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0004		14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	20.71	6.33
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	23.51	6.33
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	10.71	2.38

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0008		14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.35	6.33
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	37.95	6.33
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	50.79	6.33
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	57.98	6.33
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.35	2.39
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	27.95	2.39
26 05 29 00-0015		14 Gauge, 316 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	49.88	6.33
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	81.86	6.33
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	39.88	2.39
26 05 29 00-0019		12 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0020		12 Gauge, Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	22.17	6.33
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	21.67	6.33
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	21.35	6.33
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	26.42	6.33
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	25.44	6.33
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	24.80	6.33
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	12.17	2.38
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	11.67	2.38
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	11.35	2.38
26 05 29 00-0030		12 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	39.14	6.33
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	45.34	6.33
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	60.37	6.33
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	72.78	6.33
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	29.14	2.38
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	35.34	2.38
26 05 29 00-0037		Metal Framing Channel Fittings *(26 05 29 00-0001)*		
26 05 29 00-0038		Unistrut Channel Closure Strips And Caps *(26 05 29 00-0037)*		
26 05 29 00-0039		Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	6.12	0.58
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	13.52	5.77
26 05 29 00-0042		Stainless Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	20.85	5.77
26 05 29 00-0044		Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0045		Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.13	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.09	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	7.37	
26 05 29 00-0049		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	17.37	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	25.81	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	32.95	
26 05 29 00-0053		90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0054		Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.93	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	4.99	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	8.50	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	8.39	
26 05 29 00-0059		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.97	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	12.45	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	10.57	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	14.98	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	13.70	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	25.22	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	14.40	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	20.85	
26 05 29 00-0068		60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0069		Steel 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	12.09	
26 05 29 00-0071		U-Connector, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0072		Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.38	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	4.87	
26 05 29 00-0075		Stainless Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	20.70	
26 05 29 00-0077		Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0078		Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	12.40	
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	40.21	
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex screw and nut.		
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.84	1.74
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.86	1.74
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.97	1.74
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.28	2.31
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.84	2.31
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.90	2.31
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.45	2.89
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.95	2.89
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.43	2.89
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.60	2.89
26 05 29 00-0094		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.99	1.74
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.93	1.74
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.87	1.74
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.27	2.31
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.88	2.31
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.57	2.31
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	18.68	2.89
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	21.01	2.89
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	22.01	2.89
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	25.70	2.89
26 05 29 00-0105		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.56	1.74
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.89	1.74
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.27	1.74
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.45	2.31
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.03	2.31
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.26	2.31
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.45	2.89
26 05 29 00-0113	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	21.63	2.89
26 05 29 00-0114	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	30.06	2.89
26 05 29 00-0115	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	35.21	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0116		Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0117		Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0118	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	35.57	10.54
26 05 29 00-0119	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	24.41	10.54
26 05 29 00-0120	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	34.44	10.54
26 05 29 00-0121		304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0122	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	48.95	10.54
26 05 29 00-0123		Square Washers For Unistrut Channel *(26 05 29 00-0037)*		
26 05 29 00-0124		Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0125	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	4.35	
26 05 29 00-0126		Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0127	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	4.97	
26 05 29 00-0128	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	6.26	
26 05 29 00-0129		Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0130	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	33.77	
26 05 29 00-0131		Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0132	EA	Steel Trolley Track Hanger For Unistrut Channel	42.01	
26 05 29 00-0133		Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex bolt.		
26 05 29 00-0134		Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* Note: Includes hex bolt.		
26 05 29 00-0135	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.69	
26 05 29 00-0136	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.37	
26 05 29 00-0137	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.88	
26 05 29 00-0138	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	11.64	
26 05 29 00-0139		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* Note: Includes hex bolt.		
26 05 29 00-0140	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.08	
26 05 29 00-0141	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.95	
26 05 29 00-0142	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.98	
26 05 29 00-0143	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	35.56	
26 05 29 00-0144		Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex bolt.		
26 05 29 00-0145		Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* Note: Includes hex bolt.		
26 05 29 00-0146	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.71	
26 05 29 00-0147	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.47	
26 05 29 00-0148	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.92	
26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.44	
26 05 29 00-0150		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* Note: Includes hex bolt.		
26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.22	
26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.22	
26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.28	
26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	34.66	
26 05 29 00-0155		Mounting Assemblies *(26 05 29)*		
26 05 29 00-0156		Galvanized Steel Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0157		Galvanized Steel Back Plate *(26 05 29 00-0156)*		
26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	425.19	69.20
26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	106.83	23.06
26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	270.23	57.66
26 05 29 00-0161		Aluminum Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0162		Aluminum Back Plate *(26 05 29 00-0161)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate	326.98	86.50
26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate	859.29	86.50
26 05 29 00-0165		Supports *(26 05 29)*		
26 05 29 00-0166		One Hole Steel Conduit Straps *(26 05 29 00-0165)*		
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	4.19	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	4.24	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	4.48	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	4.66	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.78	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	5.50	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.29*	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	6.25	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.36*	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	6.50	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.39*	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	7.72	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.51*	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	8.70	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.61*	
26 05 29 00-0177		One Hole Iron Conduit Straps *(26 05 29 00-0165)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	4.31	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap	4.43	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.18*	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap	4.64	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap	5.15	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap	5.35	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap	6.64	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap	9.41	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.68*	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap	11.73	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.91*	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap	15.11	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-2.25*	
26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	28.64	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.60*	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	35.91	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.99*	
		For >100 To 250, Deduct	*-1.98*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.33*	

26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	4.86	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	4.94	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	4.98	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	5.04	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	5.08	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	5.18	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	5.74	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	5.86	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	6.30	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.46*	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	6.60	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.49*	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	6.99	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.53*	

26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	3.83	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	4.12	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	4.40	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	5.49	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.13*	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	6.36	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	7.28	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	11.00	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.68*	
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	15.46	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.12*	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	19.78	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.56*	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	40.08	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.37*	
		For >500, Deduct	*-4.59*	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	74.35	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.01*	
26 05 29 00-0213		Conduit Clips *(26 05 29 00-0165)*		
		Note: Push in or clip.		
26 05 29 00-0214	EA	1/2" Conduit Clip	4.77	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0215	EA	3/4" Conduit Clip	4.77	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0216	EA	1" Conduit Clip	4.68	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	4.89	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.23*	

26 05 29 00-0218 Bolt And Nut Conduit Clips *(26 05 29 00-0165)*

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	5.92	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.25*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.02*	
		For >500, Deduct	*-1.51*	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.13	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.25*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.54*	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	6.53	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	6.65	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.65*	
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	7.45	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.73*	
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	8.08	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.40*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.25*	
		For >500, Deduct	*-1.85*	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	8.78	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.40*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.92*	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	16.02	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.75*	

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0165)*

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.44	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.50	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	3.66	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.06	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0232		**Beam Flange Clamps** *(26 05 29 00-0165)*		
		Note: For threaded rod, nut not required.		
26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.13	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.02	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.08*	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	5.64	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0236		**T-Bar Support Clips** *(26 05 29 00-0165)*		
26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	8.47	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-2.00*	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	7.99	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.95*	
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.10	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.60*	
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	26.21	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-3.08*	
26 05 29 00-0241		**Switch And Outlet Box Type Supports** *(26 05 29 00-0165)*		
26 05 29 00-0242	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	6.39	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	5.39	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	6.25	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	3.95	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.86*	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.14	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0247		Lighting Fixture Hanger *(26 05 29 00-0165)*		
		Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	5.59	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	20.51	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.97*	
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	28.35	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.76*	
26 05 29 00-0251		Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*		
26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.84	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.86	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.97	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.27	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.55*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.83	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.89	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.44	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.94	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.42	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-2.09*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.59	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-2.11*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0262		Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.21	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.16	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.11	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.72	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.08*	
		For >500, Deduct	*-1.59*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.70	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.75	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.70*	
		For Work In Restricted Working Space, Add	*1.38*	

26 05 29 00-0269 "J" Type Conduit Hangers *(26 05 29 00-0165)*

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	24.53	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-4.07*	
		For Work In Restricted Working Space, Add	*2.42*	
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	24.81	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.87*	
		For >500, Deduct	*-4.10*	
		For Work In Restricted Working Space, Add	*2.42*	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	26.24	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.12*	
		For >500, Deduct	*-4.47*	
		For Work In Restricted Working Space, Add	*2.77*	
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	26.55	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.50*	
		For Work In Restricted Working Space, Add	*2.77*	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	27.90	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.39*	
		For >500, Deduct	*-4.87*	
		For Work In Restricted Working Space, Add	*3.11*	
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	29.07	
		For >50 To 100, Deduct	*-0.99*	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.48*	
		For >500, Deduct	*-4.98*	
		For Work In Restricted Working Space, Add	*3.11*	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	46.94	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-4.96*	
		For >500, Deduct	*-7.00*	
		For Work In Restricted Working Space, Add	*3.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	49.85	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.33*	
		For >500, Deduct	*-7.52*	
		For Work In Restricted Working Space, Add	*3.81*	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	53.65	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.37*	
		For >250 To 500, Deduct	*-5.75*	
		For >500, Deduct	*-8.13*	
		For Work In Restricted Working Space, Add	*4.15*	
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	71.77	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 250, Deduct	*-4.28*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-9.95*	
		For Work In Restricted Working Space, Add	*4.15*	
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	78.87	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-7.79*	
		For >500, Deduct	*-10.89*	
		For Work In Restricted Working Space, Add	*4.50*	
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	111.55	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 250, Deduct	*-6.44*	
		For >250 To 500, Deduct	*-10.53*	
		For >500, Deduct	*-14.62*	
		For Work In Restricted Working Space, Add	*5.19*	

26 05 29 00-0282 Between Studs Box Brackets *(26 05 29 00-0165)*

26 05 29 00-0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	8.80	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	10.64	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*1.04*	

26 05 29 00-0285 Hangers And Brackets *(26 05 29 00-0165)*

26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.01	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.91	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.75*	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.91	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.75*	
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.01	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.86*	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.03	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	3.91	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.01	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.03	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.87*	

26 05 29 00-0294 Clips And Accessories *(26 05 29 00-0165)*

26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.06	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.49*	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.10	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.26	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.51*	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.61	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.55*	

26 05 29 00-0299 Wire Ties *(26 05 29 00-0165)*

Note: Per hundred (C).

26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	29.36	
		For Up To 0.1, Add	*24.07*	
		For >0.1 To 0.25, Add	*12.04*	
		For >0.25 To 0.75, Add	*6.02*	
		For >2.0, Deduct	*-2.41*	
		For UV Black, Add	*0.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.22*	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	29.57	
		For Up To 0.1, Add	*24.07*	
		For >0.1 To 0.25, Add	*12.04*	
		For >0.25 To 0.75, Add	*6.02*	
		For >2.0, Deduct	*-2.41*	
		For UV Black, Add	*0.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.22*	
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties	29.71	
		For Up To 0.1, Add	*24.07*	
		For >0.1 To 0.25, Add	*12.04*	
		For >0.25 To 0.75, Add	*6.02*	
		For >2.0, Deduct	*-2.41*	
		For UV Black, Add	*0.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.22*	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	29.77	
		For Up To 0.1, Add	*24.07*	
		For >0.1 To 0.25, Add	*12.04*	
		For >0.25 To 0.75, Add	*6.02*	
		For >2.0, Deduct	*-2.41*	
		For UV Black, Add	*0.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.22*	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.89	
		For Up To 0.1, Add	*25.12*	
		For >0.1 To 0.25, Add	*12.56*	
		For >0.25 To 0.75, Add	*6.28*	
		For >2.0, Deduct	*-2.51*	
		For UV Black, Add	*0.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.54*	
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	36.50	
		For Up To 0.1, Add	*26.26*	
		For >0.1 To 0.25, Add	*13.13*	
		For >0.25 To 0.75, Add	*6.57*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*1.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties	35.05	
		For Up To 0.1, Add	*24.07*	
		For >0.1 To 0.25, Add	*12.04*	
		For >0.25 To 0.75, Add	*6.02*	
		For >2.0, Deduct	*-2.41*	
		For UV Black, Add	*1.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0307	C	6" Length, 40 LB Tensile Strength, Nylon Cable Ties	36.18	
		For Up To 0.1, Add	*25.12*	
		For >0.1 To 0.25, Add	*12.56*	
		For >0.25 To 0.75, Add	*6.28*	
		For >2.0, Deduct	*-2.51*	
		For UV Black, Add	*1.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.54*	
26 05 29 00-0308	C	8" Length, 40 LB Tensile Strength, Nylon Cable Ties	37.38	
		For Up To 0.1, Add	*26.26*	
		For >0.1 To 0.25, Add	*13.13*	
		For >0.25 To 0.75, Add	*6.57*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*1.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 29 00-0309	C	10" Length, 40 LB Tensile Strength, Nylon Cable Ties	53.96	
		For Up To 0.1, Add	*28.31*	
		For >0.1 To 0.25, Add	*14.16*	
		For >0.25 To 0.75, Add	*7.08*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.49*	
26 05 29 00-0310	C	11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties	56.28	
		For Up To 0.1, Add	*28.31*	
		For >0.1 To 0.25, Add	*14.16*	
		For >0.25 To 0.75, Add	*7.08*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.49*	
26 05 29 00-0311	C	7" Length, 50 LB Tensile Strength, Nylon Cable Ties	39.00	
		For Up To 0.1, Add	*26.26*	
		For >0.1 To 0.25, Add	*13.13*	
		For >0.25 To 0.75, Add	*6.57*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*1.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 29 00-0312	C	8" Length, 50 LB Tensile Strength, Nylon Cable Ties	36.95	
		For Up To 0.1, Add	*26.26*	
		For >0.1 To 0.25, Add	*13.13*	
		For >0.25 To 0.75, Add	*6.57*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*1.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 29 00-0313	C	11" Length, 50 LB Tensile Strength, Nylon Cable Ties	54.60	
		For Up To 0.1, Add	*28.31*	
		For >0.1 To 0.25, Add	*14.16*	
		For >0.25 To 0.75, Add	*7.08*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*3.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.49*	
26 05 29 00-0314	C	14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties	62.41	
		For Up To 0.1, Add	*30.09*	
		For >0.1 To 0.25, Add	*15.05*	
		For >0.25 To 0.75, Add	*7.52*	
		For >2.0, Deduct	*-3.01*	
		For UV Black, Add	*4.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.03*	
26 05 29 00-0315	C	8" Length, 120 LB Tensile Strength, Nylon Cable Ties	60.94	
		For Up To 0.1, Add	*26.26*	
		For >0.1 To 0.25, Add	*13.13*	
		For >0.25 To 0.75, Add	*6.57*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*5.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 29 00-0316	C	11" Length, 120 LB Tensile Strength, Nylon Cable Ties	66.70	
		For Up To 0.1, Add	*28.31*	
		For >0.1 To 0.25, Add	*14.16*	
		For >0.25 To 0.75, Add	*7.08*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*5.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.49*	
26 05 29 00-0317	C	15" Length, 120 LB Tensile Strength, Nylon Cable Ties	80.59	
		For Up To 0.1, Add	*30.09*	
		For >0.1 To 0.25, Add	*15.05*	
		For >0.25 To 0.75, Add	*7.52*	
		For >2.0, Deduct	*-3.01*	
		For UV Black, Add	*7.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.03*	
26 05 29 00-0318	C	17" Length, 120 LB Tensile Strength, Nylon Cable Ties	114.83	
		For Up To 0.1, Add	*32.09*	
		For >0.1 To 0.25, Add	*16.05*	
		For >0.25 To 0.75, Add	*8.02*	
		For >2.0, Deduct	*-3.21*	
		For UV Black, Add	*12.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.63*	

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CSI		UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0319		C	17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties	111.30	
	For Up To 0.1, Add			*32.09*	
	For >0.1 To 0.25, Add			*16.05*	
	For >0.25 To 0.75, Add			*8.02*	
	For >2.0, Deduct			*-3.21*	
	For UV Black, Add			*11.88*	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*9.63*	
26 05 29 00-0320		C	21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties	135.37	
	For Up To 0.1, Add			*33.59*	
	For >0.1 To 0.25, Add			*16.80*	
	For >0.25 To 0.75, Add			*8.40*	
	For >2.0, Deduct			*-3.36*	
	For UV Black, Add			*15.27*	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*10.08*	
26 05 29 00-0321		C	30" Length, 175 LB Tensile Strength, Nylon Cable Ties	156.53	
	For Up To 0.1, Add			*35.22*	
	For >0.1 To 0.25, Add			*17.61*	
	For >0.25 To 0.75, Add			*8.81*	
	For >2.0, Deduct			*-3.52*	
	For UV Black, Add			*18.20*	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*10.57*	
26 05 29 00-0322		C	46" Length, 175 LB Tensile Strength, Nylon Cable Ties	214.27	
	For Up To 0.1, Add			*38.00*	
	For >0.1 To 0.25, Add			*19.00*	
	For >0.25 To 0.75, Add			*9.50*	
	For >2.0, Deduct			*-3.80*	
	For UV Black, Add			*26.44*	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*11.40*	
26 05 29 00-0323		C	3/4" x 3/4" Self Adhesive Tie Mounts	38.70	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*10.83*	
26 05 29 00-0324		C	1.1" x 1.1" Tie Mounts With Screw	76.72	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*21.66*	
26 05 29 00-0325		EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	2.24	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*0.17*	
26 05 29 00-0326		EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	2.24	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*0.14*	
26 05 29 00-0327		EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	2.76	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*0.14*	
26 05 29 00-0328		EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	3.87	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*0.14*	
26 05 29 00-0329		EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	99.13	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			*1.08*	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0332		EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	8.85	
	For >50 To 100, Deduct			*-0.85*	
	For >100 To 250, Deduct			*-1.71*	
	For >250 To 500, Deduct			*-2.98*	
	For >500, Deduct			*-4.26*	
26 05 29 00-0333		EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.08	
	For >50 To 100, Deduct			*-0.88*	
	For >100 To 250, Deduct			*-1.75*	
	For >250 To 500, Deduct			*-3.06*	
	For >500, Deduct			*-4.36*	
26 05 29 00-0334		EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.52	
	For >50 To 100, Deduct			*-0.90*	
	For >100 To 250, Deduct			*-1.80*	
	For >250 To 500, Deduct			*-3.15*	
	For >500, Deduct			*-4.49*	
26 05 29 00-0335		EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.75	
	For >50 To 100, Deduct			*-0.92*	
	For >100 To 250, Deduct			*-1.85*	
	For >250 To 500, Deduct			*-3.22*	
	For >500, Deduct			*-4.60*	
26 05 29 00-0336		EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.98	
	For >50 To 100, Deduct			*-0.94*	
	For >100 To 250, Deduct			*-1.89*	
	For >250 To 500, Deduct			*-3.30*	
	For >500, Deduct			*-4.71*	
26 05 29 00-0337		EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.08	
	For >50 To 100, Deduct			*-0.99*	
	For >100 To 250, Deduct			*-1.98*	
	For >250 To 500, Deduct			*-3.44*	
	For >500, Deduct			*-4.90*	
26 05 29 00-0338		EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.50	
	For >50 To 100, Deduct			*-1.02*	
	For >100 To 250, Deduct			*-2.03*	
	For >250 To 500, Deduct			*-3.53*	
	For >500, Deduct			*-5.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0339		**Machine Screws** *(26 05 29 00-0330)* Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0340	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.63	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.29*	
26 05 29 00-0341	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.66	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.29*	
26 05 29 00-0342	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.34	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.62*	
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.46	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.24	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-1.96*	
26 05 29 00-0345		**Hex Lag Bolts With Lag Shield Expansion Anchors** *(26 05 29 00-0330)* Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.08	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.69*	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.04	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.69*	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.57	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.09*	
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.01	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.75*	
		For >500, Deduct	*-2.49*	
26 05 29 00-0350		**Hanger Lag Bolts With Hex Nuts** *(26 05 29 00-0330)* Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.09	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.13	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.67	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.51*	
26 05 29 00-0354		**Hollow Wall Screw Anchors** *(26 05 29 00-0330)*		
26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.82	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.86	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.80*	
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.94	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.81*	
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.42	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.52	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.55	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.57	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.71	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.77	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-0.99*	

26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

26 05 29 00-0365	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.31	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-2.00*	
26 05 29 00-0366	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.09	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.33*	
26 05 29 00-0367	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	6.82	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.99*	

26 05 29 00-0368 Nailing Anchor Hilti HPS Impact Anchor Or Equal *(26 05 29 00-0330)*

26 05 29 00-0369	EA	1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.61	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.59*	
26 05 29 00-0370	EA	1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	2.79	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0371	EA	1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	3.95	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.18*	
		For >500, Deduct	*-1.68*	

26 05 29 00-0372 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0373		EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	7.06	
			For >50 To 100, Deduct	*-0.54*	
			For >100 To 250, Deduct	*-1.09*	
			For >250 To 500, Deduct	*-1.88*	
			For >500, Deduct	*-2.67*	
26 05 29 00-0374		EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	7.40	
			For >50 To 100, Deduct	*-0.57*	
			For >100 To 250, Deduct	*-1.14*	
			For >250 To 500, Deduct	*-1.97*	
			For >500, Deduct	*-2.80*	
26 05 29 00-0375		EA	1" Conduit, Push-In Acoustical T-Bar Clip	8.05	
			For >50 To 100, Deduct	*-0.61*	
			For >100 To 250, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-2.10*	
			For >500, Deduct	*-2.99*	
26 05 29 00-0376			Threaded Rod, Accessories And Attachments *(26 05 29)*		
26 05 29 00-0377			Threaded Rod And Rod Accessories *(26 05 29 00-0376)*		
26 05 29 00-0378			Carbon Steel Threaded Rod *(26 05 29 00-0377)*		
			Note: Includes plain finish.		
26 05 29 00-0379		LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.22	0.72
			For Galvanized, Add	*0.71*	
			For Zinc Coated, Add	*0.50*	
26 05 29 00-0380		LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.36	0.77
			For Galvanized, Add	*1.13*	
			For Zinc Coated, Add	*0.80*	
26 05 29 00-0381		LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.96	0.79
			For Galvanized, Add	*1.74*	
			For Zinc Coated, Add	*1.24*	
26 05 29 00-0382		LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.57	0.82
			For Galvanized, Add	*3.17*	
			For Zinc Coated, Add	*2.26*	
26 05 29 00-0383		LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.41	0.85
			For Galvanized, Add	*3.48*	
			For Zinc Coated, Add	*2.48*	
26 05 29 00-0384		LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.16	0.96
			For Galvanized, Add	*4.89*	
			For Zinc Coated, Add	*3.49*	
26 05 29 00-0385		LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.57	1.06
			For Galvanized, Add	*6.17*	
			For Zinc Coated, Add	*4.40*	
26 05 29 00-0386			Threaded Rod Couplings *(26 05 29 00-0377)*		
26 05 29 00-0387		EA	3/8" Diameter, Threaded Rod Coupling Nut	8.91	
26 05 29 00-0388		EA	1/2" Diameter, Threaded Rod Coupling Nut	10.07	
26 05 29 00-0389		EA	5/8" Diameter, Threaded Rod Coupling Nut	12.32	
26 05 29 00-0390		EA	3/4" Diameter, Threaded Rod Coupling Nut	14.72	
26 05 29 00-0391		EA	7/8" Diameter, Threaded Rod Coupling Nut	20.65	
26 05 29 00-0392		EA	1" Diameter, Threaded Rod Coupling Nut	24.46	
26 05 29 00-0393		EA	1-1/8" Diameter, Threaded Rod Coupling Nut	44.22	
26 05 29 00-0394			Flat Washers *(26 05 29 00-0377)*		
26 05 29 00-0395		EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.76	0.29
			For Galvanized, Add	*0.03*	
26 05 29 00-0396		EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	0.29
			For Galvanized, Add	*0.06*	
26 05 29 00-0397		EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.20	0.29
			For Galvanized, Add	*0.11*	
26 05 29 00-0398		EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.44	0.58
			For Galvanized, Add	*0.16*	
26 05 29 00-0399		EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.61	0.58
			For Galvanized, Add	*0.19*	
26 05 29 00-0400		EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.90	0.58
			For Galvanized, Add	*0.24*	
26 05 29 00-0401		EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.13	0.58
			For Galvanized, Add	*0.27*	
26 05 29 00-0402			Malleable Iron Eye Sockets *(26 05 29 00-0377)*		
			Note: Type 16.		
26 05 29 00-0403		EA	3/8" Rod Size, Malleable Iron Eye Socket	11.21	
26 05 29 00-0404		EA	1/2" Rod Size, Malleable Iron Eye Socket	13.42	
26 05 29 00-0405		EA	5/8" Rod Size, Malleable Iron Eye Socket	23.56	
26 05 29 00-0406		EA	3/4" Rod Size, Malleable Iron Eye Socket	33.67	
26 05 29 00-0407		EA	7/8" Rod Size, Malleable Iron Eye Socket	35.85	
26 05 29 00-0408			Hex Nuts *(26 05 29 00-0377)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0409	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.29
		For Galvanized, Add	*0.02*	
26 05 29 00-0410	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.92	0.29
		For Galvanized, Add	*0.05*	
26 05 29 00-0411	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.21	0.29
		For Galvanized, Add	*0.11*	
26 05 29 00-0412	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.40	0.58
		For Galvanized, Add	*0.15*	
26 05 29 00-0413	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.98	0.58
		For Galvanized, Add	*0.28*	
26 05 29 00-0414	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.49	0.58
		For Galvanized, Add	*0.38*	
26 05 29 00-0415	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.96	0.58
		For Galvanized, Add	*0.72*	

26 05 29 00-0416 Forged Steel Turnbuckles *(26 05 29 00-0377)*

Note: Type 13.

26 05 29 00-0417	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	27.39	
26 05 29 00-0418	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	33.86	
26 05 29 00-0419	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	45.41	
26 05 29 00-0420	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	56.24	
26 05 29 00-0421	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	138.97	
26 05 29 00-0422	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	92.22	
26 05 29 00-0423	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	185.90	

26 05 29 00-0424 Attachments *(26 05 29 00-0376)*

26 05 29 00-0425 Welded Beam Attachments *(26 05 29 00-0424)*

Note: Type 22.

26 05 29 00-0426	EA	3/8" Rod Size, Welded Beam Attachment	50.22	11.54
26 05 29 00-0427	EA	1/2" Rod Size, Welded Beam Attachment	53.58	12.11
26 05 29 00-0428	EA	5/8" Rod Size, Welded Beam Attachment	57.03	12.80
26 05 29 00-0429	EA	3/4" Rod Size, Welded Beam Attachment	72.62	13.61
26 05 29 00-0430	EA	7/8" Rod Size, Welded Beam Attachment	87.03	14.41
26 05 29 00-0431	EA	1" Rod Size, Welded Beam Attachment	121.81	16.50
26 05 29 00-0432	EA	1-1/8" Rod Size, Welded Beam Attachment	172.16	17.30

26 05 29 00-0433 C-Clamp Style Beam Clamps *(26 05 29 00-0424)*

Note: Type 23. Top or bottom flange mount.

26 05 29 00-0434	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	17.76	8.67
26 05 29 00-0435	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	21.15	9.24
26 05 29 00-0436	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	23.99	9.90
26 05 29 00-0437	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	30.74	10.66
26 05 29 00-0438	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	44.46	11.56

26 05 29 00-0439 Bottom Mount I-Beam Clamps *(26 05 29 00-0424)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

26 05 29 00-0440	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	48.42	11.56
26 05 29 00-0441	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	70.97	12.60
26 05 29 00-0442	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	101.23	13.87
26 05 29 00-0443	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	121.12	15.40
26 05 29 00-0444	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	292.45	17.33

26 05 29 00-0445 Steel U-Bolts *(26 05 29 00-0424)*

Note: Type 24. Includes plate and nuts.

26 05 29 00-0446	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	14.48	6.93
26 05 29 00-0447	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	15.70	7.30
26 05 29 00-0448	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	16.89	7.70
26 05 29 00-0449	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	19.17	8.15
26 05 29 00-0450	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	19.81	8.67
26 05 29 00-0451	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	21.19	9.25
26 05 29 00-0452	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	30.40	9.90
26 05 29 00-0453	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	33.49	10.66
26 05 29 00-0454	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	40.41	11.56

26 05 29 00-0455 Stainless Steel Threaded Rod *(26 05 29 00-0376)*

26 05 29 00-0456	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.15	0.58
		For 316 Stainless Steel, Add	*0.81*	
26 05 29 00-0457	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.70	0.63
		For 316 Stainless Steel, Add	*1.39*	
26 05 29 00-0458	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.01	0.72
		For 316 Stainless Steel, Add	*1.85*	
26 05 29 00-0459	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.27	0.74
		For 316 Stainless Steel, Add	*2.75*	
26 05 29 00-0460	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.90	0.77
		For 316 Stainless Steel, Add	*3.39*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0461		LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	14.74	0.78
			For 316 Stainless Steel, Add	*5.33*	
26 05 29 00-0462		LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.55	0.79
			For 316 Stainless Steel, Add	*7.67*	
26 05 29 00-0463		LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	28.19	0.82
			For 316 Stainless Steel, Add	*10.75*	
26 05 29 00-0464		LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	36.21	0.96
			For 316 Stainless Steel, Add	*13.88*	
26 05 29 00-0465		LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	76.43	1.15
			For 316 Stainless Steel, Add	*29.98*	

26 05 29 00-0466 Polyvinyl Chloride (PVC) Coated Supports *(26 05 29)*

Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.

26 05 29 00-0467 Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0466)*

26 05 29 00-0468 Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0467)*

26 05 29 00-0469	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	68.65	23.06
26 05 29 00-0470	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	74.55	25.15
26 05 29 00-0471	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	79.14	27.68
26 05 29 00-0472	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	96.12	30.79
26 05 29 00-0473	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	111.49	34.60
26 05 29 00-0474	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	134.99	38.06
26 05 29 00-0475	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	147.68	41.53
26 05 29 00-0476	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	163.00	44.98
26 05 29 00-0477	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	171.68	48.44
26 05 29 00-0478	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	185.79	51.90

26 05 29 00-0479 Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0467)*

26 05 29 00-0480	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	74.48	23.06
26 05 29 00-0481	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	78.50	25.15
26 05 29 00-0482	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	90.97	27.68
26 05 29 00-0483	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.32	30.79
26 05 29 00-0484	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	113.12	34.60
26 05 29 00-0485	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	132.21	38.06
26 05 29 00-0486	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	152.95	41.53
26 05 29 00-0487	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	169.98	44.98
26 05 29 00-0488	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	180.47	48.44
26 05 29 00-0489	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	186.96	51.90

26 05 29 00-0490 Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0467)*

26 05 29 00-0491	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.83	22.83
26 05 29 00-0492	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	74.91	24.92
26 05 29 00-0493	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	85.08	27.68
26 05 29 00-0494	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.80	30.45
26 05 29 00-0495	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	133.78	34.60
26 05 29 00-0496	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	146.63	38.06

26 05 29 00-0497 Polyvinyl Chloride (PVC) Coated Conduit Straps *(26 05 29 00-0466)*

26 05 29 00-0498 One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0497)*

26 05 29 00-0499	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.45	0.69
26 05 29 00-0500	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	10.29	0.69
26 05 29 00-0501	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.28	0.69
26 05 29 00-0502	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	18.65	0.69
26 05 29 00-0503	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	24.64	0.69
26 05 29 00-0504	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	37.18	0.69
26 05 29 00-0505	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	49.63	0.69
26 05 29 00-0506	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	66.59	0.69
26 05 29 00-0507	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	118.09	0.69
26 05 29 00-0508	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	125.52	0.69

26 05 29 00-0509 Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0497)*

26 05 29 00-0510	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	18.63	1.38
26 05 29 00-0511	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	18.71	1.38
26 05 29 00-0512	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.22	1.38
26 05 29 00-0513	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	24.35	1.38
26 05 29 00-0514	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	25.05	1.38
26 05 29 00-0515	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.83	1.38
26 05 29 00-0516	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	32.51	1.38
26 05 29 00-0517	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	34.02	1.38
26 05 29 00-0518	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	36.37	1.38
26 05 29 00-0519	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	39.51	1.38

26 05 29 00-0520 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0466)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0521		**Polyvinyl Chloride (PVC) Coated Clamp Back Spacer** *(26 05 29 00-0520)*		
26 05 29 00-0522	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	16.83	1.38
26 05 29 00-0523	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	19.69	1.38
26 05 29 00-0524	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	24.94	1.38
26 05 29 00-0525	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	29.28	1.38
26 05 29 00-0526	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	39.43	1.38
26 05 29 00-0527	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	48.48	1.38
26 05 29 00-0528	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	97.80	1.38
26 05 29 00-0529	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	133.80	1.38
26 05 29 00-0530	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	234.71	1.38
26 05 29 00-0531	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	234.71	1.38
26 05 29 00-0532		**Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories** *(26 05 29 00-0466)*		
26 05 29 00-0533		**Polyvinyl Chloride (PVC) Coated Threaded Rod** *(26 05 29 00-0532)*		
26 05 29 00-0534	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	11.66	0.92
26 05 29 00-0535	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	14.38	1.04
26 05 29 00-0536		**Attachments** *(26 05 29 00-0466)*		
26 05 29 00-0537		**Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts** *(26 05 29 00-0536)*		
26 05 29 00-0538	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.20	6.93
26 05 29 00-0539	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.80	7.28
26 05 29 00-0540	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	21.90	7.74
26 05 29 00-0541	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	23.32	8.20
26 05 29 00-0542	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	24.84	8.67
26 05 29 00-0543	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	28.16	9.25
26 05 29 00-0544	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	42.28	9.94
26 05 29 00-0545	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	44.21	10.63
26 05 29 00-0546	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	47.04	11.56
26 05 29 00-0547	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	79.43	13.17
26 05 29 00-0548	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	98.95	15.25
26 05 29 00-0549		**Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps** *(26 05 29 00-0536)*		
26 05 29 00-0550	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	70.69	22.83
26 05 29 00-0551	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	84.57	22.83
26 05 29 00-0552	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	90.29	22.83
26 05 29 00-0553	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	100.08	24.22
26 05 29 00-0554	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	117.52	27.68
26 05 29 00-0555		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0536)*		
		Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0556	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	21.94	7.61
26 05 29 00-0557	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	23.11	8.30
26 05 29 00-0558	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	25.17	9.00
26 05 29 00-0559	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	28.37	10.38
26 05 29 00-0560	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	32.46	11.77
26 05 29 00-0561	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	36.00	12.46
26 05 29 00-0562	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	39.79	13.84
26 05 29 00-0563	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	47.17	15.23
26 05 29 00-0564	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	51.47	15.92
26 05 29 00-0565	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	54.16	17.30
26 05 29 00-0566	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	57.99	19.37
26 05 29 00-0567		**Polyvinyl Chloride (PVC) Coated Channel** *(26 05 29 00-0466)*		
26 05 29 00-0568	LF	A12, Polyvinyl Chloride (PVC) Coated Channel	22.11	3.46
26 05 29 00-0569	LF	A12A, Polyvinyl Chloride (PVC) Coated Channel	38.98	4.84
26 05 29 00-0570	LF	A12P, Polyvinyl Chloride (PVC) Coated Channel	23.58	3.46
26 05 29 00-0571	LF	C14, Polyvinyl Chloride (PVC) Coated Channel	17.61	3.46
26 05 29 00-0572	LF	C14P, Polyvinyl Chloride (PVC) Coated Channel	18.52	3.46
26 05 29 00-0573		**Polymer Concrete Pads** *(26 05 29)*		
		Note: Excludes excavation and backfill.		
26 05 29 00-0574		**Polymer Concrete, Box Pads** *(26 05 29 00-0573)*		
26 05 29 00-0575	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,274.77	118.24
26 05 29 00-0576	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,317.68	118.24
26 05 29 00-0577	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,711.93	118.24
26 05 29 00-0578	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,777.29	118.24
26 05 29 00-0579	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,651.08	118.24
26 05 29 00-0580	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	1,959.78	118.24
26 05 29 00-0581	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,196.48	118.24
26 05 29 00-0582	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,100.80	147.80
26 05 29 00-0583	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,206.76	147.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0584	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,318.19	147.80
26 05 29 00-0585		**Polymer Concrete, Telecommunications Equipment Pads** *(26 05 29 00-0573)*		
26 05 29 00-0586	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	609.10	61.86
26 05 29 00-0587	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	726.30	61.86
26 05 29 00-0588	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	945.70	88.68
26 05 29 00-0589	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	989.25	88.68
26 05 29 00-0590	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,432.68	88.68
26 05 29 00-0591	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,494.31	88.68
26 05 29 00-0592	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,609.14	88.68
26 05 29 00-0593	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,609.14	88.68
26 05 29 00-0594	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,051.82	88.68
26 05 29 00-0595	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,463.47	88.68
26 05 29 00-0596		**Polymer Concrete, Electrical Equipment Pads** *(26 05 29 00-0573)*		
26 05 29 00-0597	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	360.87	61.86
26 05 29 00-0598	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	390.99	61.86
26 05 29 00-0599	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	418.44	61.86
26 05 29 00-0600	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	509.61	61.86
26 05 29 00-0601	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	468.92	61.86
26 05 29 00-0602	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	488.10	61.86
26 05 29 00-0603	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	537.80	61.86
26 05 29 00-0604	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	566.78	61.86
26 05 29 00-0605	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	663.61	61.86
26 05 29 00-0606	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	823.10	61.86
26 05 29 00-0607	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,219.05	88.68
26 05 29 00-0608	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,277.35	88.68
26 05 29 00-0609	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,295.74	88.68
26 05 29 00-0610	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,418.28	88.68
26 05 29 00-0611	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,057.35	88.68
26 05 29 00-0612	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,606.37	88.68

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire *(26 05 33 13)*

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0240 for larger copper conducter, 26 05 33 13-0598 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	897.93	257.53
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*220.77*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.20*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	983.13	279.66
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*239.74*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,068.32	301.79
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*258.71*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*4.40*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	951.62	268.59
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*230.26*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.29*	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,058.41	294.41
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*252.39*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,074.79	290.72
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*249.23*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*5.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0009	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,006.64	277.65
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*237.97*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.20*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,091.85	299.78
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*256.94*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,177.04	321.91
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*275.90*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,262.24	344.04
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*294.87*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.49*	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,060.33	288.72
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*247.45*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.29*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,167.11	314.53
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*269.58*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,273.90	340.35
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*291.71*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*6.59*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,380.67	366.17
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*313.84*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.24*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,335.81	344.04
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*294.87*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*8.62*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,488.12	377.23
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*323.32*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*11.49*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,346.28	332.97
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*285.39*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*9.50*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,557.21	373.54
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*320.16*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*14.25*	
26 05 33 13-0021	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,163.65	298.83
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*256.18*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.20*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,248.85	320.96
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*275.15*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	

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26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,334.05	343.09
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*294.11*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,419.26	365.21
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*313.08*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.49*	
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,217.33	309.90
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*265.66*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.29*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,324.12	335.72
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*287.79*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,430.90	361.52
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*309.92*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*6.59*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,537.67	387.34
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*332.04*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.24*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,492.82	365.21
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*313.08*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*8.62*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,714.22	394.72
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*338.37*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*14.25*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,925.15	435.28
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*373.14*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*19.00*	

26 05 33 13-0032 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0240 for larger copper conducter, 26 05 33 13-0059 for larger RGS conduit.

26 05 33 13-0033	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,218.54	293.14
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*251.25*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.20*	
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,303.74	315.27
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*270.21*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,272.23	304.20
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*260.73*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.29*	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,379.01	330.02
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*282.86*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,395.40	326.33
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*279.70*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*5.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0038	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,347.90	312.63
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*267.94*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.20*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,433.10	334.76
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*286.90*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,518.31	356.89
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*305.87*	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,401.60	323.70
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*277.42*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.29*	
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,508.37	349.51
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*299.55*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,615.15	375.33
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*321.68*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*6.59*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,677.07	379.02
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*324.84*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*8.62*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,829.37	412.21
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*353.29*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*11.49*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,687.54	367.95
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*315.35*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*9.50*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,898.47	408.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*350.12*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*14.25*	
26 05 33 13-0048	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,756.04	373.33
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*320.00*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.30*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,841.25	395.46
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*338.97*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,926.44	417.58
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*357.93*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.49*	
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,831.31	388.08
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*332.65*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.94*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,938.09	413.89
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*354.77*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*6.59*	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,044.86	439.71
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*376.90*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.24*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	2,000.00	417.58
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*357.93*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*8.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,221.40	447.09
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*383.22*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*14.25*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,432.34	487.65
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*418.00*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*19.00*	
26 05 33 13-0057		Conduit *(26 05 33 13)*		
		Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0058		Conduit Installed Above Grade *(26 05 33 13-0057)*		
26 05 33 13-0059		Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0058)*		
		Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0060		Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0059)*		
		Note: Includes field bending for conduit up to 1".		
26 05 33 13-0061	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	8.84	2.32
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000, Deduct	*-0.74*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.45*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.16*	
		For Elevated Installation >20' To 25', Add	*1.45*	
		For Elevated Installation >25' To 30', Add	*2.03*	
		For Elevated Installation >30' To 35', Add	*2.32*	
		For Elevated Installation >35' To 40', Add	*2.90*	
		For Elevated Installation >40', Add	*3.19*	
26 05 33 13-0062	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.50	2.53
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000, Deduct	*-0.88*	
		For Installation In Metal Stud Wall, Add	*0.68*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.69*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.01*	
		For Work In Restricted Working Space, Add	*2.03*	
		For Elevated Installation >10' To 15', Add	*0.68*	
		For Elevated Installation >15' To 20', Add	*1.35*	
		For Elevated Installation >20' To 25', Add	*1.69*	
		For Elevated Installation >25' To 30', Add	*2.36*	
		For Elevated Installation >30' To 35', Add	*2.70*	
		For Elevated Installation >35' To 40', Add	*3.38*	
		For Elevated Installation >40', Add	*3.71*	
26 05 33 13-0063	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	14.86	2.95
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.26*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.72*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.81*	
		For Elevated Installation >20' To 25', Add	*2.27*	
		For Elevated Installation >25' To 30', Add	*3.17*	
		For Elevated Installation >30' To 35', Add	*3.62*	
		For Elevated Installation >35' To 40', Add	*4.53*	
		For Elevated Installation >40', Add	*4.98*	
26 05 33 13-0064	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	17.32	3.37
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.49*	
		For Installation In Metal Stud Wall, Add	*0.96*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.40*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.44*	
		For Work In Restricted Working Space, Add	*2.88*	
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.92*	
		For Elevated Installation >20' To 25', Add	*2.40*	
		For Elevated Installation >25' To 30', Add	*3.36*	
		For Elevated Installation >30' To 35', Add	*3.84*	
		For Elevated Installation >35' To 40', Add	*4.80*	
		For Elevated Installation >40', Add	*5.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0065	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	20.00	3.79
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.74*	
		For Installation In Metal Stud Wall, Add	*1.05*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0066	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	25.62	4.63
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.24*	
		For Installation In Metal Stud Wall, Add	*1.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.94*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Elevated Installation >10' To 15', Add	*1.30*	
		For Elevated Installation >15' To 20', Add	*2.59*	
		For Elevated Installation >20' To 25', Add	*3.24*	
		For Elevated Installation >25' To 30', Add	*4.54*	
		For Elevated Installation >30' To 35', Add	*5.18*	
		For Elevated Installation >35' To 40', Add	*6.48*	
		For Elevated Installation >40', Add	*7.13*	
26 05 33 13-0067	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	38.58	6.33
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-2.45*	
		For >1,000, Deduct	*-3.42*	
		For Installation In Metal Stud Wall, Add	*1.76*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.40*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.64*	
		For Work In Restricted Working Space, Add	*5.28*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.16*	
		For Elevated Installation >30' To 35', Add	*7.04*	
		For Elevated Installation >35' To 40', Add	*8.80*	
		For Elevated Installation >40', Add	*9.68*	
26 05 33 13-0068	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	50.40	8.43
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-4.45*	
		For Installation In Metal Stud Wall, Add	*2.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.93*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.56*	
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >10' To 15', Add	*2.37*	
		For Elevated Installation >15' To 20', Add	*4.74*	
		For Elevated Installation >20' To 25', Add	*5.93*	
		For Elevated Installation >25' To 30', Add	*8.30*	
		For Elevated Installation >30' To 35', Add	*9.48*	
		For Elevated Installation >35' To 40', Add	*11.86*	
		For Elevated Installation >40', Add	*13.04*	
26 05 33 13-0069	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	60.71	10.54
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-3.85*	
		For >1,000, Deduct	*-5.37*	
		For Installation In Metal Stud Wall, Add	*2.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.04*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.22*	
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.04*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.26*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.48*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0070		LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	72.25	12.64
			For >250 To 500, Deduct	*-1.99*	
			For >500 To 1,000, Deduct	*-4.61*	
			For >1,000, Deduct	*-6.41*	
			For Installation In Metal Stud Wall, Add	*3.25*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*8.12*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.87*	
			For Work In Restricted Working Space, Add	*9.74*	
			For Elevated Installation >10' To 15', Add	*3.25*	
			For Elevated Installation >15' To 20', Add	*6.49*	
			For Elevated Installation >20' To 25', Add	*8.12*	
			For Elevated Installation >25' To 30', Add	*11.36*	
			For Elevated Installation >30' To 35', Add	*12.98*	
			For Elevated Installation >35' To 40', Add	*16.23*	
			For Elevated Installation >40', Add	*17.85*	
26 05 33 13-0071		LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	116.85	16.01
			For >250 To 500, Deduct	*-3.84*	
			For >500 To 1,000, Deduct	*-7.76*	
			For >1,000, Deduct	*-10.68*	
			For Installation In Metal Stud Wall, Add	*4.00*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*10.01*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*6.01*	
			For Work In Restricted Working Space, Add	*12.01*	
			For Elevated Installation >10' To 15', Add	*4.00*	
			For Elevated Installation >15' To 20', Add	*8.01*	
			For Elevated Installation >20' To 25', Add	*10.01*	
			For Elevated Installation >25' To 30', Add	*14.01*	
			For Elevated Installation >30' To 35', Add	*16.02*	
			For Elevated Installation >35' To 40', Add	*20.02*	
			For Elevated Installation >40', Add	*22.02*	
26 05 33 13-0072		LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	158.54	20.23
			For >250 To 500, Deduct	*-5.40*	
			For >500 To 1,000, Deduct	*-10.63*	
			For >1,000, Deduct	*-14.59*	
			For Installation In Metal Stud Wall, Add	*5.06*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*12.65*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*7.59*	
			For Work In Restricted Working Space, Add	*15.17*	
			For Elevated Installation >10' To 15', Add	*5.06*	
			For Elevated Installation >15' To 20', Add	*10.12*	
			For Elevated Installation >20' To 25', Add	*12.65*	
			For Elevated Installation >25' To 30', Add	*17.70*	
			For Elevated Installation >30' To 35', Add	*20.23*	
			For Elevated Installation >35' To 40', Add	*25.29*	
			For Elevated Installation >40', Add	*27.82*	

26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0074		EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	29.74	10.43
			For Work In Restricted Working Space, Add	*7.85*	
			For Elevated Installation >10' To 15', Add	*2.62*	
			For Elevated Installation >15' To 20', Add	*5.23*	
			For Elevated Installation >20' To 25', Add	*6.54*	
			For Elevated Installation >25' To 30', Add	*9.16*	
			For Elevated Installation >30' To 35', Add	*10.46*	
			For Elevated Installation >35' To 40', Add	*13.08*	
			For Elevated Installation >40', Add	*14.39*	
26 05 33 13-0075		EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	37.26	12.96
			For Work In Restricted Working Space, Add	*9.76*	
			For Elevated Installation >10' To 15', Add	*3.25*	
			For Elevated Installation >15' To 20', Add	*6.51*	
			For Elevated Installation >20' To 25', Add	*8.13*	
			For Elevated Installation >25' To 30', Add	*11.39*	
			For Elevated Installation >30' To 35', Add	*13.01*	
			For Elevated Installation >35' To 40', Add	*16.27*	
			For Elevated Installation >40', Add	*17.89*	
26 05 33 13-0076		EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	46.94	15.91
			For Work In Restricted Working Space, Add	*11.90*	
			For Elevated Installation >10' To 15', Add	*3.97*	
			For Elevated Installation >15' To 20', Add	*7.93*	
			For Elevated Installation >20' To 25', Add	*9.92*	
			For Elevated Installation >25' To 30', Add	*13.88*	
			For Elevated Installation >30' To 35', Add	*15.87*	
			For Elevated Installation >35' To 40', Add	*19.84*	
			For Elevated Installation >40', Add	*21.82*	
26 05 33 13-0077		EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	58.50	18.44
			For Work In Restricted Working Space, Add	*13.82*	
			For Elevated Installation >10' To 15', Add	*4.61*	
			For Elevated Installation >15' To 20', Add	*9.21*	
			For Elevated Installation >20' To 25', Add	*11.52*	
			For Elevated Installation >25' To 30', Add	*16.12*	
			For Elevated Installation >30' To 35', Add	*18.42*	
			For Elevated Installation >35' To 40', Add	*23.03*	
			For Elevated Installation >40', Add	*25.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0078	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	67.70	21.18
		For Work In Restricted Working Space, Add	*15.86*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.57*	
		For Elevated Installation >20' To 25', Add	*13.22*	
		For Elevated Installation >25' To 30', Add	*18.50*	
		For Elevated Installation >30' To 35', Add	*21.15*	
		For Elevated Installation >35' To 40', Add	*26.44*	
		For Elevated Installation >40', Add	*29.08*	
26 05 33 13-0079	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	78.55	23.28
		For Work In Restricted Working Space, Add	*17.45*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.63*	
		For Elevated Installation >20' To 25', Add	*14.54*	
		For Elevated Installation >25' To 30', Add	*20.36*	
		For Elevated Installation >30' To 35', Add	*23.26*	
		For Elevated Installation >35' To 40', Add	*29.08*	
		For Elevated Installation >40', Add	*31.99*	
26 05 33 13-0080	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	109.03	29.08
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
26 05 33 13-0081	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	153.13	39.62
		For Work In Restricted Working Space, Add	*29.71*	
		For Elevated Installation >10' To 15', Add	*9.90*	
		For Elevated Installation >15' To 20', Add	*19.81*	
		For Elevated Installation >20' To 25', Add	*24.76*	
		For Elevated Installation >25' To 30', Add	*34.66*	
		For Elevated Installation >30' To 35', Add	*39.62*	
		For Elevated Installation >35' To 40', Add	*49.52*	
		For Elevated Installation >40', Add	*54.47*	
26 05 33 13-0082	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	196.27	44.68
		For Work In Restricted Working Space, Add	*33.51*	
		For Elevated Installation >10' To 15', Add	*11.17*	
		For Elevated Installation >15' To 20', Add	*22.34*	
		For Elevated Installation >20' To 25', Add	*27.93*	
		For Elevated Installation >25' To 30', Add	*39.10*	
		For Elevated Installation >30' To 35', Add	*44.68*	
		For Elevated Installation >35' To 40', Add	*55.86*	
		For Elevated Installation >40', Add	*61.44*	
26 05 33 13-0083	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	242.83	58.17
		For Work In Restricted Working Space, Add	*43.61*	
		For Elevated Installation >10' To 15', Add	*14.54*	
		For Elevated Installation >15' To 20', Add	*29.08*	
		For Elevated Installation >20' To 25', Add	*36.35*	
		For Elevated Installation >25' To 30', Add	*50.88*	
		For Elevated Installation >30' To 35', Add	*58.15*	
		For Elevated Installation >35' To 40', Add	*72.69*	
		For Elevated Installation >40', Add	*79.96*	
26 05 33 13-0084	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	396.99	94.83
		For Work In Restricted Working Space, Add	*71.13*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.84*	
		For Elevated Installation >35' To 40', Add	*118.55*	
		For Elevated Installation >40', Add	*130.40*	
26 05 33 13-0085	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	596.73	142.46
		For Work In Restricted Working Space, Add	*106.84*	
		For Elevated Installation >10' To 15', Add	*35.61*	
		For Elevated Installation >15' To 20', Add	*71.23*	
		For Elevated Installation >20' To 25', Add	*89.03*	
		For Elevated Installation >25' To 30', Add	*124.65*	
		For Elevated Installation >30' To 35', Add	*142.45*	
		For Elevated Installation >35' To 40', Add	*178.07*	
		For Elevated Installation >40', Add	*195.87*	

26 05 33 13-0086 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0087	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	29.74	10.43
		For Work In Restricted Working Space, Add	*7.85*	
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.16*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0088	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	37.26	12.96
		For Work In Restricted Working Space, Add	*9.76*	
		For Elevated Installation >10' To 15', Add	*3.25*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.13*	
		For Elevated Installation >25' To 30', Add	*11.39*	
		For Elevated Installation >30' To 35', Add	*13.01*	
		For Elevated Installation >35' To 40', Add	*16.27*	
		For Elevated Installation >40', Add	*17.89*	
26 05 33 13-0089	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	46.94	15.91
		For Work In Restricted Working Space, Add	*11.90*	
		For Elevated Installation >10' To 15', Add	*3.97*	
		For Elevated Installation >15' To 20', Add	*7.93*	
		For Elevated Installation >20' To 25', Add	*9.92*	
		For Elevated Installation >25' To 30', Add	*13.88*	
		For Elevated Installation >30' To 35', Add	*15.87*	
		For Elevated Installation >35' To 40', Add	*19.84*	
		For Elevated Installation >40', Add	*21.82*	
26 05 33 13-0090	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	58.50	18.44
		For Work In Restricted Working Space, Add	*13.82*	
		For Elevated Installation >10' To 15', Add	*4.61*	
		For Elevated Installation >15' To 20', Add	*9.21*	
		For Elevated Installation >20' To 25', Add	*11.52*	
		For Elevated Installation >25' To 30', Add	*16.12*	
		For Elevated Installation >30' To 35', Add	*18.42*	
		For Elevated Installation >35' To 40', Add	*23.03*	
		For Elevated Installation >40', Add	*25.33*	
26 05 33 13-0091	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	67.70	21.18
		For Work In Restricted Working Space, Add	*15.86*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.57*	
		For Elevated Installation >20' To 25', Add	*13.22*	
		For Elevated Installation >25' To 30', Add	*18.50*	
		For Elevated Installation >30' To 35', Add	*21.15*	
		For Elevated Installation >35' To 40', Add	*26.44*	
		For Elevated Installation >40', Add	*29.08*	
26 05 33 13-0092	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	78.55	23.28
		For Work In Restricted Working Space, Add	*17.45*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.63*	
		For Elevated Installation >20' To 25', Add	*14.54*	
		For Elevated Installation >25' To 30', Add	*20.36*	
		For Elevated Installation >30' To 35', Add	*23.26*	
		For Elevated Installation >35' To 40', Add	*29.08*	
		For Elevated Installation >40', Add	*31.99*	
26 05 33 13-0093	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	107.56	29.08
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
26 05 33 13-0094	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	147.39	39.62
		For Work In Restricted Working Space, Add	*29.71*	
		For Elevated Installation >10' To 15', Add	*9.90*	
		For Elevated Installation >15' To 20', Add	*19.81*	
		For Elevated Installation >20' To 25', Add	*24.76*	
		For Elevated Installation >25' To 30', Add	*34.66*	
		For Elevated Installation >30' To 35', Add	*39.62*	
		For Elevated Installation >35' To 40', Add	*49.52*	
		For Elevated Installation >40', Add	*54.47*	
26 05 33 13-0095	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	188.19	44.68
		For Work In Restricted Working Space, Add	*33.51*	
		For Elevated Installation >10' To 15', Add	*11.17*	
		For Elevated Installation >15' To 20', Add	*22.34*	
		For Elevated Installation >20' To 25', Add	*27.93*	
		For Elevated Installation >25' To 30', Add	*39.10*	
		For Elevated Installation >30' To 35', Add	*44.68*	
		For Elevated Installation >35' To 40', Add	*55.86*	
		For Elevated Installation >40', Add	*61.44*	
26 05 33 13-0096	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	232.08	58.17
		For Work In Restricted Working Space, Add	*43.61*	
		For Elevated Installation >10' To 15', Add	*14.54*	
		For Elevated Installation >15' To 20', Add	*29.08*	
		For Elevated Installation >20' To 25', Add	*36.35*	
		For Elevated Installation >25' To 30', Add	*50.88*	
		For Elevated Installation >30' To 35', Add	*58.15*	
		For Elevated Installation >35' To 40', Add	*72.69*	
		For Elevated Installation >40', Add	*79.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0097	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	396.99	94.83
		For Work In Restricted Working Space, Add	*71.13*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.84*	
		For Elevated Installation >35' To 40', Add	*118.55*	
		For Elevated Installation >40', Add	*130.40*	
26 05 33 13-0098	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	596.73	142.46
		For Work In Restricted Working Space, Add	*106.84*	
		For Elevated Installation >10' To 15', Add	*35.61*	
		For Elevated Installation >15' To 20', Add	*71.23*	
		For Elevated Installation >20' To 25', Add	*89.03*	
		For Elevated Installation >25' To 30', Add	*124.65*	
		For Elevated Installation >30' To 35', Add	*142.45*	
		For Elevated Installation >35' To 40', Add	*178.07*	
		For Elevated Installation >40', Add	*195.87*	

26 05 33 13-0099 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0100	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	69.37	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0101	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	80.04	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0102	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	92.17	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0103	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	103.24	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	

26 05 33 13-0104 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0105	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	73.86	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0106	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	85.81	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0107	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	94.80	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0108	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	106.18	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0109	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	139.27	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
26 05 33 13-0110	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	187.95	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
26 05 33 13-0111		Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2248 for conduit field bending.		
26 05 33 13-0112	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	74.07	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0113	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	85.24	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0114	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	97.64	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0115	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	112.54	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0116	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	145.20	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0117	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	192.73	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
26 05 33 13-0118	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	235.62	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
26 05 33 13-0119	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	290.06	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	

26 05 33 13-0120 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0121	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	81.23	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0122	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	92.26	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0123	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	102.90	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0124	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	120.30	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0125	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	155.78	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
26 05 33 13-0126	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	209.32	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0127	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	251.75	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
26 05 33 13-0128	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	302.92	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
26 05 33 13-0129		**Rigid Galvanized Steel (RGS) 30" Large Radius Elbow** *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2248 for conduit field bending.		
26 05 33 13-0130	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	80.80	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0131	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	97.49	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0132	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	108.56	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0133	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	127.69	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0134	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	165.93	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
26 05 33 13-0135	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	222.41	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
26 05 33 13-0136	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	267.69	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0137	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	326.51	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
26 05 33 13-0138	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	484.80	154.10
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	

26 05 33 13-0139 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0140	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	84.62	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0141	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	100.06	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0142	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	118.47	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0143	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	133.46	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0144	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	177.97	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
26 05 33 13-0145	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	233.61	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
26 05 33 13-0146	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	288.27	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0147	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	337.61	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
26 05 33 13-0148	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	575.36	154.10
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
26 05 33 13-0149	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	756.49	231.50
		For Work In Restricted Working Space, Add	*138.90*	
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	

26 05 33 13-0150 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0151	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	90.22	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0152	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	106.90	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0153	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	125.74	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0154	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	141.06	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0155	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	187.17	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
26 05 33 13-0156	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	250.02	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0157	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	304.73	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
26 05 33 13-0158	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	384.97	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
26 05 33 13-0159	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	640.69	154.10
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
26 05 33 13-0160	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	813.06	231.50
		For Work In Restricted Working Space, Add	*138.90*	
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	

26 05 33 13-0161 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0162	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	94.89	26.03
		For Work In Restricted Working Space, Add	*15.62*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
26 05 33 13-0163	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	112.17	30.14
		For Work In Restricted Working Space, Add	*18.08*	
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
26 05 33 13-0164	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	130.34	34.24
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0165	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	155.27	37.67
		For Work In Restricted Working Space, Add	*22.60*	
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
26 05 33 13-0166	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	204.15	47.26
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0167	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	266.56	64.38
		For Work In Restricted Working Space, Add	*38.63*	
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
26 05 33 13-0168	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	325.42	72.60
		For Work In Restricted Working Space, Add	*43.56*	
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
26 05 33 13-0169	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	410.10	94.52
		For Work In Restricted Working Space, Add	*56.71*	
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
26 05 33 13-0170	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	661.15	154.10
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
26 05 33 13-0171	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	824.51	231.50
		For Work In Restricted Working Space, Add	*138.90*	
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	

26 05 33 13-0172 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0059)*

26 05 33 13-0173	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.69	6.72
		For Work In Restricted Working Space, Add	*4.03*	
		For Elevated Installation >10' To 15', Add	*1.34*	
		For Elevated Installation >15' To 20', Add	*2.69*	
		For Elevated Installation >20' To 25', Add	*3.36*	
		For Elevated Installation >25' To 30', Add	*4.70*	
		For Elevated Installation >30' To 35', Add	*5.38*	
		For Elevated Installation >35' To 40', Add	*6.72*	
		For Elevated Installation >40', Add	*7.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.03*	
26 05 33 13-0174	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.66	7.17
		For Work In Restricted Working Space, Add	*4.30*	
		For Elevated Installation >10' To 15', Add	*1.43*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.58*	
		For Elevated Installation >25' To 30', Add	*5.02*	
		For Elevated Installation >30' To 35', Add	*5.73*	
		For Elevated Installation >35' To 40', Add	*7.17*	
		For Elevated Installation >40', Add	*7.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0175	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.63	8.06
		For Work In Restricted Working Space, Add	*4.84*	
		For Elevated Installation >10' To 15', Add	*1.61*	
		For Elevated Installation >15' To 20', Add	*3.22*	
		For Elevated Installation >20' To 25', Add	*4.03*	
		For Elevated Installation >25' To 30', Add	*5.64*	
		For Elevated Installation >30' To 35', Add	*6.45*	
		For Elevated Installation >35' To 40', Add	*8.06*	
		For Elevated Installation >40', Add	*8.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0176	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	18.65	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0177	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	23.39	11.20
		For Work In Restricted Working Space, Add	*6.72*	
		For Elevated Installation >10' To 15', Add	*2.24*	
		For Elevated Installation >15' To 20', Add	*4.48*	
		For Elevated Installation >20' To 25', Add	*5.60*	
		For Elevated Installation >25' To 30', Add	*7.84*	
		For Elevated Installation >30' To 35', Add	*8.96*	
		For Elevated Installation >35' To 40', Add	*11.20*	
		For Elevated Installation >40', Add	*12.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.72*	
26 05 33 13-0178	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	28.73	13.44
		For Work In Restricted Working Space, Add	*8.06*	
		For Elevated Installation >10' To 15', Add	*2.69*	
		For Elevated Installation >15' To 20', Add	*5.37*	
		For Elevated Installation >20' To 25', Add	*6.72*	
		For Elevated Installation >25' To 30', Add	*9.40*	
		For Elevated Installation >30' To 35', Add	*10.75*	
		For Elevated Installation >35' To 40', Add	*13.44*	
		For Elevated Installation >40', Add	*14.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.06*	
26 05 33 13-0179	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	35.44	15.67
		For Work In Restricted Working Space, Add	*9.40*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.27*	
		For Elevated Installation >20' To 25', Add	*7.84*	
		For Elevated Installation >25' To 30', Add	*10.97*	
		For Elevated Installation >30' To 35', Add	*12.54*	
		For Elevated Installation >35' To 40', Add	*15.67*	
		For Elevated Installation >40', Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-0180	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	40.16	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0181	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	46.32	16.85
		For Work In Restricted Working Space, Add	*12.09*	
		For Elevated Installation >10' To 15', Add	*4.03*	
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Elevated Installation >20' To 25', Add	*10.08*	
		For Elevated Installation >25' To 30', Add	*14.11*	
		For Elevated Installation >30' To 35', Add	*16.12*	
		For Elevated Installation >35' To 40', Add	*20.16*	
		For Elevated Installation >40', Add	*22.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-0182	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	51.40	22.39
		For Work In Restricted Working Space, Add	*13.43*	
		For Elevated Installation >10' To 15', Add	*4.48*	
		For Elevated Installation >15' To 20', Add	*8.96*	
		For Elevated Installation >20' To 25', Add	*11.20*	
		For Elevated Installation >25' To 30', Add	*15.67*	
		For Elevated Installation >30' To 35', Add	*17.91*	
		For Elevated Installation >35' To 40', Add	*22.39*	
		For Elevated Installation >40', Add	*24.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.43*	
26 05 33 13-0183	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	60.55	24.63
		For Work In Restricted Working Space, Add	*14.78*	
		For Elevated Installation >10' To 15', Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*9.85*	
		For Elevated Installation >20' To 25', Add	*12.32*	
		For Elevated Installation >25' To 30', Add	*17.24*	
		For Elevated Installation >30' To 35', Add	*19.70*	
		For Elevated Installation >35' To 40', Add	*24.63*	
		For Elevated Installation >40', Add	*27.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0184	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	82.32	26.87
		For Work In Restricted Working Space, Add	*16.12*	
		For Elevated Installation >10' To 15', Add	*5.37*	
		For Elevated Installation >15' To 20', Add	*10.75*	
		For Elevated Installation >20' To 25', Add	*13.44*	
		For Elevated Installation >25' To 30', Add	*18.81*	
		For Elevated Installation >30' To 35', Add	*21.50*	
		For Elevated Installation >35' To 40', Add	*26.87*	
		For Elevated Installation >40', Add	*29.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.12*	
26 05 33 13-0185		Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0059)*		
26 05 33 13-0186	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	16.43	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0187	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	17.77	8.43
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.21*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0188	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	20.56	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0189	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	23.05	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0190	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	29.25	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0191	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	34.74	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0192	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	46.70	18.44
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0193	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	55.04	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	
26 05 33 13-0194	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	77.53	23.71
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	
26 05 33 13-0195	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	101.51	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0196	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	132.01	28.98
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-0197	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	188.23	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	

26 05 33 13-0198 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0059)*

26 05 33 13-0199	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	17.17	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0200	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	18.88	8.43
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.21*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0201	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	21.97	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0202	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	25.42	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0203	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	31.72	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0204	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	39.12	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0205	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	52.65	18.44
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0206	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	62.01	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	
26 05 33 13-0207	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	78.83	23.71
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	
26 05 33 13-0208	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	107.32	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0209	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	138.35	28.98
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0210	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	190.46	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 05 33 13-0211		**Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing** *(26 05 33 13-0059)*		
26 05 33 13-0212	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	24.49	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0213	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	27.38	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0214	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	31.03	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0215	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	36.50	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0216	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	44.40	16.33
		For Work In Restricted Working Space, Add	*9.80*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.43*	
		For Elevated Installation >30' To 35', Add	*13.07*	
		For Elevated Installation >35' To 40', Add	*16.34*	
		For Elevated Installation >40', Add	*17.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-0217	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	55.28	19.49
		For Work In Restricted Working Space, Add	*11.69*	
		For Elevated Installation >10' To 15', Add	*3.90*	
		For Elevated Installation >15' To 20', Add	*7.80*	
		For Elevated Installation >20' To 25', Add	*9.75*	
		For Elevated Installation >25' To 30', Add	*13.64*	
		For Elevated Installation >30' To 35', Add	*15.59*	
		For Elevated Installation >35' To 40', Add	*19.49*	
		For Elevated Installation >40', Add	*21.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.69*	
26 05 33 13-0218	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	71.93	22.65
		For Work In Restricted Working Space, Add	*13.59*	
		For Elevated Installation >10' To 15', Add	*4.53*	
		For Elevated Installation >15' To 20', Add	*9.06*	
		For Elevated Installation >20' To 25', Add	*11.33*	
		For Elevated Installation >25' To 30', Add	*15.86*	
		For Elevated Installation >30' To 35', Add	*18.12*	
		For Elevated Installation >35' To 40', Add	*22.66*	
		For Elevated Installation >40', Add	*24.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0219	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	80.14	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0220	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	90.46	29.51
		For Work In Restricted Working Space, Add	*17.70*	
		For Elevated Installation >10' To 15', Add	*5.90*	
		For Elevated Installation >15' To 20', Add	*11.80*	
		For Elevated Installation >20' To 25', Add	*14.75*	
		For Elevated Installation >25' To 30', Add	*20.65*	
		For Elevated Installation >30' To 35', Add	*23.60*	
		For Elevated Installation >35' To 40', Add	*29.51*	
		For Elevated Installation >40', Add	*32.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.70*	
26 05 33 13-0221	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	113.48	32.67
		For Work In Restricted Working Space, Add	*19.60*	
		For Elevated Installation >10' To 15', Add	*6.53*	
		For Elevated Installation >15' To 20', Add	*13.07*	
		For Elevated Installation >20' To 25', Add	*16.33*	
		For Elevated Installation >25' To 30', Add	*22.87*	
		For Elevated Installation >30' To 35', Add	*26.13*	
		For Elevated Installation >35' To 40', Add	*32.67*	
		For Elevated Installation >40', Add	*35.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.60*	
26 05 33 13-0222	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	154.52	35.83
		For Work In Restricted Working Space, Add	*21.50*	
		For Elevated Installation >10' To 15', Add	*7.17*	
		For Elevated Installation >15' To 20', Add	*14.33*	
		For Elevated Installation >20' To 25', Add	*17.91*	
		For Elevated Installation >25' To 30', Add	*25.08*	
		For Elevated Installation >30' To 35', Add	*28.66*	
		For Elevated Installation >35' To 40', Add	*35.83*	
		For Elevated Installation >40', Add	*39.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.50*	
26 05 33 13-0223	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	206.77	39.52
		For Work In Restricted Working Space, Add	*23.71*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.81*	
		For Elevated Installation >20' To 25', Add	*19.76*	
		For Elevated Installation >25' To 30', Add	*27.66*	
		For Elevated Installation >30' To 35', Add	*31.61*	
		For Elevated Installation >35' To 40', Add	*39.52*	
		For Elevated Installation >40', Add	*43.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.71*	

26 05 33 13-0224 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0059)*

26 05 33 13-0225	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	16.89	4.84
		For Work In Restricted Working Space, Add	*3.61*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.01*	
		For Elevated Installation >25' To 30', Add	*4.21*	
		For Elevated Installation >30' To 35', Add	*4.81*	
		For Elevated Installation >35' To 40', Add	*6.01*	
		For Elevated Installation >40', Add	*6.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.61*	
26 05 33 13-0226	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	20.69	5.58
		For Work In Restricted Working Space, Add	*4.18*	
		For Elevated Installation >10' To 15', Add	*1.39*	
		For Elevated Installation >15' To 20', Add	*2.78*	
		For Elevated Installation >20' To 25', Add	*3.48*	
		For Elevated Installation >25' To 30', Add	*4.87*	
		For Elevated Installation >30' To 35', Add	*5.57*	
		For Elevated Installation >35' To 40', Add	*6.96*	
		For Elevated Installation >40', Add	*7.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-0227	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	27.57	6.75
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.87*	
		For Elevated Installation >30' To 35', Add	*6.71*	
		For Elevated Installation >35' To 40', Add	*8.39*	
		For Elevated Installation >40', Add	*9.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0228	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	42.03	8.32
		For Work In Restricted Working Space, Add	*6.26*	
		For Elevated Installation >10' To 15', Add	*2.09*	
		For Elevated Installation >15' To 20', Add	*4.18*	
		For Elevated Installation >20' To 25', Add	*5.22*	
		For Elevated Installation >25' To 30', Add	*7.31*	
		For Elevated Installation >30' To 35', Add	*8.35*	
		For Elevated Installation >35' To 40', Add	*10.44*	
		For Elevated Installation >40', Add	*11.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-0229	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	57.00	11.17
		For Work In Restricted Working Space, Add	*8.39*	
		For Elevated Installation >10' To 15', Add	*2.80*	
		For Elevated Installation >15' To 20', Add	*5.59*	
		For Elevated Installation >20' To 25', Add	*6.99*	
		For Elevated Installation >25' To 30', Add	*9.78*	
		For Elevated Installation >30' To 35', Add	*11.18*	
		For Elevated Installation >35' To 40', Add	*13.98*	
		For Elevated Installation >40', Add	*15.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.39*	
26 05 33 13-0230	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	98.82	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15', Add	*4.19*	
		For Elevated Installation >15' To 20', Add	*8.37*	
		For Elevated Installation >20' To 25', Add	*10.47*	
		For Elevated Installation >25' To 30', Add	*14.65*	
		For Elevated Installation >30' To 35', Add	*16.74*	
		For Elevated Installation >35' To 40', Add	*20.93*	
		For Elevated Installation >40', Add	*23.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	
26 05 33 13-0231	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	187.33	18.55
		For Work In Restricted Working Space, Add	*13.91*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.27*	
		For Elevated Installation >20' To 25', Add	*11.59*	
		For Elevated Installation >25' To 30', Add	*16.23*	
		For Elevated Installation >30' To 35', Add	*18.54*	
		For Elevated Installation >35' To 40', Add	*23.18*	
		For Elevated Installation >40', Add	*25.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 05 33 13-0232	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	223.02	22.44
		For Work In Restricted Working Space, Add	*16.85*	
		For Elevated Installation >10' To 15', Add	*5.62*	
		For Elevated Installation >15' To 20', Add	*11.23*	
		For Elevated Installation >20' To 25', Add	*14.04*	
		For Elevated Installation >25' To 30', Add	*19.66*	
		For Elevated Installation >30' To 35', Add	*22.46*	
		For Elevated Installation >35' To 40', Add	*28.08*	
		For Elevated Installation >40', Add	*30.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.85*	
26 05 33 13-0233	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	303.33	28.14
		For Work In Restricted Working Space, Add	*21.09*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.06*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.61*	
		For Elevated Installation >30' To 35', Add	*28.12*	
		For Elevated Installation >35' To 40', Add	*35.15*	
		For Elevated Installation >40', Add	*38.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.09*	
26 05 33 13-0234	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	354.72	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0235	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	640.28	37.51
		For Work In Restricted Working Space, Add	*28.10*	
		For Elevated Installation >10' To 15', Add	*9.37*	
		For Elevated Installation >15' To 20', Add	*18.73*	
		For Elevated Installation >20' To 25', Add	*23.42*	
		For Elevated Installation >25' To 30', Add	*32.78*	
		For Elevated Installation >30' To 35', Add	*37.47*	
		For Elevated Installation >35' To 40', Add	*46.84*	
		For Elevated Installation >40', Add	*51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0236	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	767.03	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.87*	
		For Elevated Installation >30' To 35', Add	*42.14*	
		For Elevated Installation >35' To 40', Add	*52.68*	
		For Elevated Installation >40', Add	*57.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-0237		**Rigid Galvanized Steel (RGS) Nipples** *(26 05 33 13-0059)*		
26 05 33 13-0238	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	15.46	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0239	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.78	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0240	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	22.78	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0241	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	26.69	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0242	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	30.50	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0243	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.60	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0244	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.00	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0245	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.02	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0246	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.03	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0247	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	31.03	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0248	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	35.17	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0249	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	15.75	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0250	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	18.20	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0251	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	23.36	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0252	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	27.32	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0253	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	31.39	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0254	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	36.06	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0255	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	49.38	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0256	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	66.17	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0257	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.95	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0258	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.30	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0259	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.81	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0260	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.89	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0261	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	32.15	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0262	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	36.97	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0263	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	51.84	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0264	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	68.31	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0265	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	16.14	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0266	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	18.64	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0267	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	24.09	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0268	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	28.17	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0269	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	32.66	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0270	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	37.75	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0271	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	52.60	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0272	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	69.89	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0273	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	80.63	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0274	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	100.53	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-0275	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	16.43	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0276	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.06	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0277	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	24.63	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0278	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	28.96	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0279	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	33.43	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0280	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	39.12	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0281	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	55.65	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0282	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	73.20	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0283	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	83.92	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0284	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	105.34	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0285	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	163.45	50.05
		For Work In Restricted Working Space, Add	*30.03*	
		For Elevated Installation >10' To 15', Add	*10.01*	
		For Elevated Installation >15' To 20', Add	*20.02*	
		For Elevated Installation >20' To 25', Add	*25.03*	
		For Elevated Installation >25' To 30', Add	*35.04*	
		For Elevated Installation >30' To 35', Add	*40.04*	
		For Elevated Installation >35' To 40', Add	*50.05*	
		For Elevated Installation >40', Add	*55.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-0286	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	207.37	64.17
		For Work In Restricted Working Space, Add	*38.53*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.68*	
		For Elevated Installation >20' To 25', Add	*32.11*	
		For Elevated Installation >25' To 30', Add	*44.95*	
		For Elevated Installation >30' To 35', Add	*51.37*	
		For Elevated Installation >35' To 40', Add	*64.21*	
		For Elevated Installation >40', Add	*70.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.53*	
26 05 33 13-0287	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	16.96	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0288	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	19.61	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0289	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	25.06	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0290	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	29.68	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0291	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	35.06	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0292	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	40.50	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0293	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	58.32	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0294	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	76.56	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0295	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	87.93	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0296	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	109.15	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-0297	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	169.03	50.05
		For Work In Restricted Working Space, Add	*30.03*	
		For Elevated Installation >10' To 15', Add	*10.01*	
		For Elevated Installation >15' To 20', Add	*20.02*	
		For Elevated Installation >20' To 25', Add	*25.03*	
		For Elevated Installation >25' To 30', Add	*35.04*	
		For Elevated Installation >30' To 35', Add	*40.04*	
		For Elevated Installation >35' To 40', Add	*50.05*	
		For Elevated Installation >40', Add	*55.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-0298	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	215.54	64.17
		For Work In Restricted Working Space, Add	*38.53*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.68*	
		For Elevated Installation >20' To 25', Add	*32.11*	
		For Elevated Installation >25' To 30', Add	*44.95*	
		For Elevated Installation >30' To 35', Add	*51.37*	
		For Elevated Installation >35' To 40', Add	*64.21*	
		For Elevated Installation >40', Add	*70.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.53*	
26 05 33 13-0299	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	18.89	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0300	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	22.08	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0301	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	27.97	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0302	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	33.83	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0303	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	39.68	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0304	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	45.37	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0305	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	65.42	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0306	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	84.70	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0307	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	96.05	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0308	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	118.12	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0309	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	181.97	50.05
		For Work In Restricted Working Space, Add	*30.03*	
		For Elevated Installation >10' To 15', Add	*10.01*	
		For Elevated Installation >15' To 20', Add	*20.02*	
		For Elevated Installation >20' To 25', Add	*25.03*	
		For Elevated Installation >25' To 30', Add	*35.04*	
		For Elevated Installation >30' To 35', Add	*40.04*	
		For Elevated Installation >35' To 40', Add	*50.05*	
		For Elevated Installation >40', Add	*55.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-0310	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	230.07	64.17
		For Work In Restricted Working Space, Add	*38.53*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.68*	
		For Elevated Installation >20' To 25', Add	*32.11*	
		For Elevated Installation >25' To 30', Add	*44.95*	
		For Elevated Installation >30' To 35', Add	*51.37*	
		For Elevated Installation >35' To 40', Add	*64.21*	
		For Elevated Installation >40', Add	*70.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.53*	
26 05 33 13-0311	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	20.19	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0312	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	23.34	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0313	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	30.29	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0314	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	36.58	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0315	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	42.38	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0316	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	48.51	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0317	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	70.18	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0318	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	91.10	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0319	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	104.48	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0320	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	128.80	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-0321	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	196.09	50.05
		For Work In Restricted Working Space, Add	*30.03*	
		For Elevated Installation >10' To 15', Add	*10.01*	
		For Elevated Installation >15' To 20', Add	*20.02*	
		For Elevated Installation >20' To 25', Add	*25.03*	
		For Elevated Installation >25' To 30', Add	*35.04*	
		For Elevated Installation >30' To 35', Add	*40.04*	
		For Elevated Installation >35' To 40', Add	*50.05*	
		For Elevated Installation >40', Add	*55.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-0322	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	255.47	64.17
		For Work In Restricted Working Space, Add	*38.53*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.68*	
		For Elevated Installation >20' To 25', Add	*32.11*	
		For Elevated Installation >25' To 30', Add	*44.95*	
		For Elevated Installation >30' To 35', Add	*51.37*	
		For Elevated Installation >35' To 40', Add	*64.21*	
		For Elevated Installation >40', Add	*70.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.53*	
26 05 33 13-0323	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	21.19	6.85
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0324	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	24.28	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0325	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	31.68	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0326	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	38.78	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-0327	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	43.74	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0328	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	51.15	14.75
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.75*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0329	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	75.79	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-0330	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	100.01	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-0331	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	112.69	27.92
		For Work In Restricted Working Space, Add	*16.75*	
		For Elevated Installation >10' To 15', Add	*5.58*	
		For Elevated Installation >15' To 20', Add	*11.17*	
		For Elevated Installation >20' To 25', Add	*13.96*	
		For Elevated Installation >25' To 30', Add	*19.54*	
		For Elevated Installation >30' To 35', Add	*22.34*	
		For Elevated Installation >35' To 40', Add	*27.92*	
		For Elevated Installation >40', Add	*30.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-0332	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	139.49	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0333	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	216.37	50.05
		For Work In Restricted Working Space, Add	*30.03*	
		For Elevated Installation >10' To 15', Add	*10.01*	
		For Elevated Installation >15' To 20', Add	*20.02*	
		For Elevated Installation >20' To 25', Add	*25.03*	
		For Elevated Installation >25' To 30', Add	*35.04*	
		For Elevated Installation >30' To 35', Add	*40.04*	
		For Elevated Installation >35' To 40', Add	*50.05*	
		For Elevated Installation >40', Add	*55.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-0334	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	269.58	64.17
		For Work In Restricted Working Space, Add	*38.53*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.68*	
		For Elevated Installation >20' To 25', Add	*32.11*	
		For Elevated Installation >25' To 30', Add	*44.95*	
		For Elevated Installation >30' To 35', Add	*51.37*	
		For Elevated Installation >35' To 40', Add	*64.21*	
		For Elevated Installation >40', Add	*70.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.53*	

26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0059)*

26 05 33 13-0336	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	16.40	5.47
		For Work In Restricted Working Space, Add	*4.14*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.76*	
		For Elevated Installation >20' To 25', Add	*3.45*	
		For Elevated Installation >25' To 30', Add	*4.83*	
		For Elevated Installation >30' To 35', Add	*5.52*	
		For Elevated Installation >35' To 40', Add	*6.90*	
		For Elevated Installation >40', Add	*7.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.14*	
26 05 33 13-0337	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	19.69	6.33
		For Work In Restricted Working Space, Add	*4.72*	
		For Elevated Installation >10' To 15', Add	*1.57*	
		For Elevated Installation >15' To 20', Add	*3.14*	
		For Elevated Installation >20' To 25', Add	*3.93*	
		For Elevated Installation >25' To 30', Add	*5.50*	
		For Elevated Installation >30' To 35', Add	*6.29*	
		For Elevated Installation >35' To 40', Add	*7.86*	
		For Elevated Installation >40', Add	*8.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-0338	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	24.64	8.01
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.05*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0339	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	31.42	9.59
		For Work In Restricted Working Space, Add	*7.23*	
		For Elevated Installation >10' To 15', Add	*2.41*	
		For Elevated Installation >15' To 20', Add	*4.82*	
		For Elevated Installation >20' To 25', Add	*6.02*	
		For Elevated Installation >25' To 30', Add	*8.43*	
		For Elevated Installation >30' To 35', Add	*9.64*	
		For Elevated Installation >35' To 40', Add	*12.05*	
		For Elevated Installation >40', Add	*13.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.23*	
26 05 33 13-0340	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	34.40	10.54
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.23*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.18*	
		For Elevated Installation >40', Add	*14.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	
26 05 33 13-0341	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	45.26	12.96
		For Work In Restricted Working Space, Add	*9.74*	
		For Elevated Installation >10' To 15', Add	*3.25*	
		For Elevated Installation >15' To 20', Add	*6.50*	
		For Elevated Installation >20' To 25', Add	*8.12*	
		For Elevated Installation >25' To 30', Add	*11.37*	
		For Elevated Installation >30' To 35', Add	*12.99*	
		For Elevated Installation >35' To 40', Add	*16.24*	
		For Elevated Installation >40', Add	*17.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0342	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	73.97	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0343	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	121.06	29.08
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-0344	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	150.71	34.35
		For Work In Restricted Working Space, Add	*25.62*	
		For Elevated Installation >10' To 15', Add	*8.54*	
		For Elevated Installation >15' To 20', Add	*17.08*	
		For Elevated Installation >20' To 25', Add	*21.35*	
		For Elevated Installation >25' To 30', Add	*29.89*	
		For Elevated Installation >30' To 35', Add	*34.16*	
		For Elevated Installation >35' To 40', Add	*42.71*	
		For Elevated Installation >40', Add	*46.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.62*	
26 05 33 13-0345	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	181.20	39.62
		For Work In Restricted Working Space, Add	*29.72*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.81*	
		For Elevated Installation >20' To 25', Add	*24.77*	
		For Elevated Installation >25' To 30', Add	*34.67*	
		For Elevated Installation >30' To 35', Add	*39.62*	
		For Elevated Installation >35' To 40', Add	*49.53*	
		For Elevated Installation >40', Add	*54.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.72*	

26 05 33 13-0346 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0059)*

Note: Erickson fittings.

26 05 33 13-0347	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	43.92	16.85
		For Work In Restricted Working Space, Add	*12.66*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.44*	
		For Elevated Installation >20' To 25', Add	*10.55*	
		For Elevated Installation >25' To 30', Add	*14.77*	
		For Elevated Installation >30' To 35', Add	*16.88*	
		For Elevated Installation >35' To 40', Add	*21.10*	
		For Elevated Installation >40', Add	*23.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.66*	
26 05 33 13-0348	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	49.31	18.86
		For Work In Restricted Working Space, Add	*14.13*	
		For Elevated Installation >10' To 15', Add	*4.71*	
		For Elevated Installation >15' To 20', Add	*9.42*	
		For Elevated Installation >20' To 25', Add	*11.78*	
		For Elevated Installation >25' To 30', Add	*16.49*	
		For Elevated Installation >30' To 35', Add	*18.84*	
		For Elevated Installation >35' To 40', Add	*23.55*	
		For Elevated Installation >40', Add	*25.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.13*	
26 05 33 13-0349	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	56.54	20.97
		For Work In Restricted Working Space, Add	*15.74*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.49*	
		For Elevated Installation >20' To 25', Add	*13.12*	
		For Elevated Installation >25' To 30', Add	*18.36*	
		For Elevated Installation >30' To 35', Add	*20.98*	
		For Elevated Installation >35' To 40', Add	*26.23*	
		For Elevated Installation >40', Add	*28.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 05 33 13-0350	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	66.10	22.97
		For Work In Restricted Working Space, Add	*17.22*	
		For Elevated Installation >10' To 15', Add	*5.74*	
		For Elevated Installation >15' To 20', Add	*11.48*	
		For Elevated Installation >20' To 25', Add	*14.35*	
		For Elevated Installation >25' To 30', Add	*20.09*	
		For Elevated Installation >30' To 35', Add	*22.96*	
		For Elevated Installation >35' To 40', Add	*28.71*	
		For Elevated Installation >40', Add	*31.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0351	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	73.23	25.08
		For Work In Restricted Working Space, Add	*18.84*	
		For Elevated Installation >10' To 15', Add	*6.28*	
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Elevated Installation >20' To 25', Add	*15.70*	
		For Elevated Installation >25' To 30', Add	*21.98*	
		For Elevated Installation >30' To 35', Add	*25.12*	
		For Elevated Installation >35' To 40', Add	*31.41*	
		For Elevated Installation >40', Add	*34.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.84*	
26 05 33 13-0352	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	88.89	27.18
		For Work In Restricted Working Space, Add	*20.41*	
		For Elevated Installation >10' To 15', Add	*6.80*	
		For Elevated Installation >15' To 20', Add	*13.60*	
		For Elevated Installation >20' To 25', Add	*17.01*	
		For Elevated Installation >25' To 30', Add	*23.81*	
		For Elevated Installation >30' To 35', Add	*27.21*	
		For Elevated Installation >35' To 40', Add	*34.01*	
		For Elevated Installation >40', Add	*37.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.41*	
26 05 33 13-0353	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	132.62	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0354	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	178.73	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-0355	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	248.68	50.58
		For Work In Restricted Working Space, Add	*37.95*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.30*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.27*	
		For Elevated Installation >30' To 35', Add	*50.60*	
		For Elevated Installation >35' To 40', Add	*63.25*	
		For Elevated Installation >40', Add	*69.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.95*	
26 05 33 13-0356	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	280.66	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 05 33 13-0357	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	463.48	67.44
		For Work In Restricted Working Space, Add	*50.57*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.00*	
		For Elevated Installation >30' To 35', Add	*67.43*	
		For Elevated Installation >35' To 40', Add	*84.29*	
		For Elevated Installation >40', Add	*92.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.57*	
26 05 33 13-0358	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	587.99	77.98
		For Work In Restricted Working Space, Add	*58.47*	
		For Elevated Installation >10' To 15', Add	*19.49*	
		For Elevated Installation >15' To 20', Add	*38.98*	
		For Elevated Installation >20' To 25', Add	*48.73*	
		For Elevated Installation >25' To 30', Add	*68.22*	
		For Elevated Installation >30' To 35', Add	*77.96*	
		For Elevated Installation >35' To 40', Add	*97.46*	
		For Elevated Installation >40', Add	*107.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.47*	

26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0360	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	28.05	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0361	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	31.43	9.27
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
26 05 33 13-0362	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	36.16	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0363	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	41.42	11.38
		For Work In Restricted Working Space, Add	*8.54*	
		For Elevated Installation >10' To 15', Add	*2.85*	
		For Elevated Installation >15' To 20', Add	*5.69*	
		For Elevated Installation >20' To 25', Add	*7.11*	
		For Elevated Installation >25' To 30', Add	*9.96*	
		For Elevated Installation >30' To 35', Add	*11.38*	
		For Elevated Installation >35' To 40', Add	*14.23*	
		For Elevated Installation >40', Add	*15.65*	
26 05 33 13-0364	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	49.68	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0365	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	61.49	13.91
		For Work In Restricted Working Space, Add	*10.43*	
		For Elevated Installation >10' To 15', Add	*3.48*	
		For Elevated Installation >15' To 20', Add	*6.95*	
		For Elevated Installation >20' To 25', Add	*8.69*	
		For Elevated Installation >25' To 30', Add	*12.17*	
		For Elevated Installation >30' To 35', Add	*13.91*	
		For Elevated Installation >35' To 40', Add	*17.39*	
		For Elevated Installation >40', Add	*19.12*	
26 05 33 13-0366	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	84.98	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0367	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	104.94	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
26 05 33 13-0368	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	126.09	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0369	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	143.14	27.39
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
26 05 33 13-0370		Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0059)*		
26 05 33 13-0371	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	22.01	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0372	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	24.51	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0373	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	30.36	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0374	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	37.07	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0375	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	48.15	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	
26 05 33 13-0376	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	55.44	23.71
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	
26 05 33 13-0377	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	66.30	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0378	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	87.73	33.19
		For Work In Restricted Working Space, Add	*19.92*	
		For Elevated Installation >10' To 15', Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*13.28*	
		For Elevated Installation >20' To 25', Add	*16.60*	
		For Elevated Installation >25' To 30', Add	*23.24*	
		For Elevated Installation >30' To 35', Add	*26.56*	
		For Elevated Installation >35' To 40', Add	*33.20*	
		For Elevated Installation >40', Add	*36.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.92*	
26 05 33 13-0379	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	104.59	40.04
		For Work In Restricted Working Space, Add	*24.02*	
		For Elevated Installation >10' To 15', Add	*8.01*	
		For Elevated Installation >15' To 20', Add	*16.02*	
		For Elevated Installation >20' To 25', Add	*20.02*	
		For Elevated Installation >25' To 30', Add	*28.03*	
		For Elevated Installation >30' To 35', Add	*32.03*	
		For Elevated Installation >35' To 40', Add	*40.04*	
		For Elevated Installation >40', Add	*44.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.02*	
26 05 33 13-0380	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	127.14	47.42
		For Work In Restricted Working Space, Add	*28.45*	
		For Elevated Installation >10' To 15', Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Elevated Installation >20' To 25', Add	*23.71*	
		For Elevated Installation >25' To 30', Add	*33.19*	
		For Elevated Installation >30' To 35', Add	*37.93*	
		For Elevated Installation >35' To 40', Add	*47.42*	
		For Elevated Installation >40', Add	*52.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	

26 05 33 13-0381 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX

26 05 33 13-0382	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	97.49	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0383	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	110.59	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
26 05 33 13-0384	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	130.40	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.98*	
26 05 33 13-0385	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	158.61	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
26 05 33 13-0386	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	197.75	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0387	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	270.27	27.39
		For Work In Restricted Working Space, Add	*20.54*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.39*	
		For Elevated Installation >35' To 40', Add	*34.24*	
		For Elevated Installation >40', Add	*37.66*	
26 05 33 13-0388	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	410.49	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0389	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	525.50	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
26 05 33 13-0390	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	762.68	50.58
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
26 05 33 13-0391	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	813.36	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
26 05 33 13-0392	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,239.08	67.44
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	
26 05 33 13-0393	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,518.85	74.81
		For Work In Restricted Working Space, Add	*56.14*	
		For Elevated Installation >10' To 15', Add	*18.71*	
		For Elevated Installation >15' To 20', Add	*37.43*	
		For Elevated Installation >20' To 25', Add	*46.79*	
		For Elevated Installation >25' To 30', Add	*65.50*	
		For Elevated Installation >30' To 35', Add	*74.86*	
		For Elevated Installation >35' To 40', Add	*93.57*	
		For Elevated Installation >40', Add	*102.93*	

26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX-8

26 05 33 13-0395	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	106.74	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0396	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	118.79	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0397	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	143.27	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.98*	
26 05 33 13-0398	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	178.87	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
26 05 33 13-0399	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	238.00	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0400	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	289.50	27.39
		For Work In Restricted Working Space, Add	*20.54*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.39*	
		For Elevated Installation >35' To 40', Add	*34.24*	
		For Elevated Installation >40', Add	*37.66*	
26 05 33 13-0401	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	535.17	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0402	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	610.64	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
26 05 33 13-0403	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	930.92	50.58
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
26 05 33 13-0404	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,007.82	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
26 05 33 13-0405	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,403.00	67.44
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0406	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,729.75	74.81
		For Work In Restricted Working Space, Add	*56.14*	
		For Elevated Installation >10' To 15', Add	*18.71*	
		For Elevated Installation >15' To 20', Add	*37.43*	
		For Elevated Installation >20' To 25', Add	*46.79*	
		For Elevated Installation >25' To 30', Add	*65.50*	
		For Elevated Installation >30' To 35', Add	*74.86*	
		For Elevated Installation >35' To 40', Add	*93.57*	
		For Elevated Installation >40', Add	*102.93*	

26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type EX

26 05 33 13-0408	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	120.28	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0409	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	150.71	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
26 05 33 13-0410	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	186.39	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.98*	
26 05 33 13-0411	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	225.56	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
26 05 33 13-0412	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	301.22	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0413	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	411.68	27.39
		For Work In Restricted Working Space, Add	*20.54*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.39*	
		For Elevated Installation >35' To 40', Add	*34.24*	
		For Elevated Installation >40', Add	*37.66*	
26 05 33 13-0414	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	635.76	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0415	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	855.56	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0416	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,279.28	50.58
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
26 05 33 13-0417	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,325.12	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
26 05 33 13-0418	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,987.90	67.44
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	
26 05 33 13-0419	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,460.69	74.81
		For Work In Restricted Working Space, Add	*56.14*	
		For Elevated Installation >10' To 15', Add	*18.71*	
		For Elevated Installation >15' To 20', Add	*37.43*	
		For Elevated Installation >20' To 25', Add	*46.79*	
		For Elevated Installation >25' To 30', Add	*65.50*	
		For Elevated Installation >30' To 35', Add	*74.86*	
		For Elevated Installation >35' To 40', Add	*93.57*	
		For Elevated Installation >40', Add	*102.93*	

26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0059)*

Note: Type DX

26 05 33 13-0421	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	203.77	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0422	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	242.27	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
26 05 33 13-0423	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	292.05	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.98*	
26 05 33 13-0424	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	342.64	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
26 05 33 13-0425	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	378.76	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0426	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	466.44	27.39
		For Work In Restricted Working Space, Add	*20.54*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.39*	
		For Elevated Installation >35' To 40', Add	*34.24*	
		For Elevated Installation >40', Add	*37.66*	
26 05 33 13-0427	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	615.43	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0428	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	780.23	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
26 05 33 13-0429	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	879.28	50.58
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
26 05 33 13-0430	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,063.39	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
26 05 33 13-0431	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,807.41	67.44
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	
26 05 33 13-0432	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,859.83	74.81
		For Work In Restricted Working Space, Add	*56.14*	
		For Elevated Installation >10' To 15', Add	*18.71*	
		For Elevated Installation >15' To 20', Add	*37.43*	
		For Elevated Installation >20' To 25', Add	*46.79*	
		For Elevated Installation >25' To 30', Add	*65.50*	
		For Elevated Installation >30' To 35', Add	*74.86*	
		For Elevated Installation >35' To 40', Add	*93.57*	
		For Elevated Installation >40', Add	*102.93*	

26 05 33 13-0433 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0059)*

26 05 33 13-0434	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	54.40	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0435	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	63.04	10.54
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.18*	
		For Elevated Installation >40', Add	*14.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0436	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	77.56	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0437	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	108.55	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0438	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	164.35	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.65*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.62*	
		For Elevated Installation >40', Add	*34.78*	
26 05 33 13-0439	EA	5" To 6" Conduit, 14" Bonding Jumper	276.41	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0440	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	60.11	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0441	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	70.25	10.54
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.18*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0442	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	84.16	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0443	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	117.32	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0444	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	175.98	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.65*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.62*	
		For Elevated Installation >40', Add	*34.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0445	EA	5" To 6" Conduit, 24" Bonding Jumper	313.92	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0446		Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0059)*		
26 05 33 13-0447	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	101.06	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0448	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	120.04	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 05 33 13-0449	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	146.79	36.88
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-0450	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	172.97	42.15
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0451	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	228.34	47.42
		For Work In Restricted Working Space, Add	*28.45*	
		For Elevated Installation >10' To 15', Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Elevated Installation >20' To 25', Add	*23.71*	
		For Elevated Installation >25' To 30', Add	*33.19*	
		For Elevated Installation >30' To 35', Add	*37.93*	
		For Elevated Installation >35' To 40', Add	*47.42*	
		For Elevated Installation >40', Add	*52.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-0452	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	278.35	52.68
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-0453	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	395.21	63.22
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.61*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0454	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	475.82	73.76
		For Work In Restricted Working Space, Add	*44.26*	
		For Elevated Installation >10' To 15', Add	*14.75*	
		For Elevated Installation >15' To 20', Add	*29.50*	
		For Elevated Installation >20' To 25', Add	*36.88*	
		For Elevated Installation >25' To 30', Add	*51.63*	
		For Elevated Installation >30' To 35', Add	*59.01*	
		For Elevated Installation >35' To 40', Add	*73.76*	
		For Elevated Installation >40', Add	*81.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.26*	
26 05 33 13-0455	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,115.44	84.29
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.58*	
26 05 33 13-0456	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,285.50	94.83
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.93*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.38*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	

26 05 33 13-0457 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0059)*

26 05 33 13-0458	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	13.54	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
26 05 33 13-0459	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	19.05	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
26 05 33 13-0460	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	24.90	11.59
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
26 05 33 13-0461	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	28.52	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0462	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	34.33	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0463	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	39.89	17.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0464	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	49.16	20.02
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
26 05 33 13-0465	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	57.16	22.65
		For Work In Restricted Working Space, Add	*13.59*	
		For Elevated Installation >10' To 15', Add	*4.53*	
		For Elevated Installation >15' To 20', Add	*9.06*	
		For Elevated Installation >20' To 25', Add	*11.33*	
		For Elevated Installation >25' To 30', Add	*15.86*	
		For Elevated Installation >30' To 35', Add	*18.12*	
		For Elevated Installation >35' To 40', Add	*22.66*	
		For Elevated Installation >40', Add	*24.92*	
26 05 33 13-0466	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	65.53	24.77
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
26 05 33 13-0467	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	69.36	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	

26 05 33 13-0468 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0059)*

26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	2.91	1.05
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	4.08	1.58
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	6.78	2.64
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	9.75	3.69
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	11.56	4.21
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	13.47	4.74

26 05 33 13-0475 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0059)*

26 05 33 13-0476	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	224.72	12.79
		For Work In Restricted Working Space, Add	*9.59*	
		For Elevated Installation >10' To 15', Add	*3.20*	
		For Elevated Installation >15' To 20', Add	*6.39*	
		For Elevated Installation >20' To 25', Add	*7.99*	
		For Elevated Installation >25' To 30', Add	*11.19*	
		For Elevated Installation >30' To 35', Add	*12.79*	
		For Elevated Installation >35' To 40', Add	*15.99*	
		For Elevated Installation >40', Add	*17.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.59*	
26 05 33 13-0477	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	227.80	14.02
		For Work In Restricted Working Space, Add	*10.52*	
		For Elevated Installation >10' To 15', Add	*3.51*	
		For Elevated Installation >15' To 20', Add	*7.01*	
		For Elevated Installation >20' To 25', Add	*8.76*	
		For Elevated Installation >25' To 30', Add	*12.27*	
		For Elevated Installation >30' To 35', Add	*14.02*	
		For Elevated Installation >35' To 40', Add	*17.53*	
		For Elevated Installation >40', Add	*19.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.52*	
26 05 33 13-0478	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	274.29	15.38
		For Work In Restricted Working Space, Add	*11.52*	
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.68*	
		For Elevated Installation >20' To 25', Add	*9.60*	
		For Elevated Installation >25' To 30', Add	*13.44*	
		For Elevated Installation >30' To 35', Add	*15.36*	
		For Elevated Installation >35' To 40', Add	*19.20*	
		For Elevated Installation >40', Add	*21.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0479	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	301.10	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.44*	
		For Elevated Installation >20' To 25', Add	*10.55*	
		For Elevated Installation >25' To 30', Add	*14.76*	
		For Elevated Installation >30' To 35', Add	*16.87*	
		For Elevated Installation >35' To 40', Add	*21.09*	
		For Elevated Installation >40', Add	*23.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	
26 05 33 13-0480	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	343.74	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	
26 05 33 13-0481	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	513.01	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.36*	
		For Elevated Installation >40', Add	*28.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.81*	
26 05 33 13-0482	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	588.13	28.14
		For Work In Restricted Working Space, Add	*21.09*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.06*	
		For Elevated Installation >20' To 25', Add	*17.57*	
		For Elevated Installation >25' To 30', Add	*24.60*	
		For Elevated Installation >30' To 35', Add	*28.12*	
		For Elevated Installation >35' To 40', Add	*35.15*	
		For Elevated Installation >40', Add	*38.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.09*	
26 05 33 13-0483	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	652.62	30.87
		For Work In Restricted Working Space, Add	*23.17*	
		For Elevated Installation >10' To 15', Add	*7.72*	
		For Elevated Installation >15' To 20', Add	*15.45*	
		For Elevated Installation >20' To 25', Add	*19.31*	
		For Elevated Installation >25' To 30', Add	*27.03*	
		For Elevated Installation >30' To 35', Add	*30.90*	
		For Elevated Installation >35' To 40', Add	*38.62*	
		For Elevated Installation >40', Add	*42.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.17*	
26 05 33 13-0484	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	760.38	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.08*	
		For Elevated Installation >25' To 30', Add	*29.51*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.16*	
		For Elevated Installation >40', Add	*46.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0485	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	857.20	37.93
		For Work In Restricted Working Space, Add	*28.45*	
		For Elevated Installation >10' To 15', Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Elevated Installation >20' To 25', Add	*23.71*	
		For Elevated Installation >25' To 30', Add	*33.19*	
		For Elevated Installation >30' To 35', Add	*37.93*	
		For Elevated Installation >35' To 40', Add	*47.42*	
		For Elevated Installation >40', Add	*52.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-0486	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,155.43	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0487	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,440.33	46.78
		For Work In Restricted Working Space, Add	*35.09*	
		For Elevated Installation >10' To 15', Add	*11.70*	
		For Elevated Installation >15' To 20', Add	*23.39*	
		For Elevated Installation >20' To 25', Add	*29.24*	
		For Elevated Installation >25' To 30', Add	*40.94*	
		For Elevated Installation >30' To 35', Add	*46.78*	
		For Elevated Installation >35' To 40', Add	*58.48*	
		For Elevated Installation >40', Add	*64.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.09*	
26 05 33 13-0488		Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0059)*		
26 05 33 13-0489	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	16.95	8.16
		For Work In Restricted Working Space, Add	*4.90*	
		For Elevated Installation >10' To 15', Add	*1.63*	
		For Elevated Installation >15' To 20', Add	*3.27*	
		For Elevated Installation >20' To 25', Add	*4.08*	
		For Elevated Installation >25' To 30', Add	*5.72*	
		For Elevated Installation >30' To 35', Add	*6.53*	
		For Elevated Installation >35' To 40', Add	*8.17*	
		For Elevated Installation >40', Add	*8.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.90*	
26 05 33 13-0490	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	18.52	8.69
		For Work In Restricted Working Space, Add	*5.22*	
		For Elevated Installation >10' To 15', Add	*1.74*	
		For Elevated Installation >15' To 20', Add	*3.48*	
		For Elevated Installation >20' To 25', Add	*4.35*	
		For Elevated Installation >25' To 30', Add	*6.09*	
		For Elevated Installation >30' To 35', Add	*6.96*	
		For Elevated Installation >35' To 40', Add	*8.70*	
		For Elevated Installation >40', Add	*9.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-0491	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.05	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0492	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	21.38	9.22
		For Work In Restricted Working Space, Add	*5.53*	
		For Elevated Installation >10' To 15', Add	*1.84*	
		For Elevated Installation >15' To 20', Add	*3.69*	
		For Elevated Installation >20' To 25', Add	*4.61*	
		For Elevated Installation >25' To 30', Add	*6.45*	
		For Elevated Installation >30' To 35', Add	*7.38*	
		For Elevated Installation >35' To 40', Add	*9.22*	
		For Elevated Installation >40', Add	*10.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.53*	
26 05 33 13-0493	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	21.91	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0494	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	22.96	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0495	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	24.64	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0496	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	25.16	10.80
		For Work In Restricted Working Space, Add	*6.48*	
		For Elevated Installation >10' To 15', Add	*2.16*	
		For Elevated Installation >15' To 20', Add	*4.32*	
		For Elevated Installation >20' To 25', Add	*5.40*	
		For Elevated Installation >25' To 30', Add	*7.56*	
		For Elevated Installation >30' To 35', Add	*8.64*	
		For Elevated Installation >35' To 40', Add	*10.80*	
		For Elevated Installation >40', Add	*11.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.48*	
26 05 33 13-0497	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	26.21	11.33
		For Work In Restricted Working Space, Add	*6.80*	
		For Elevated Installation >10' To 15', Add	*2.27*	
		For Elevated Installation >15' To 20', Add	*4.53*	
		For Elevated Installation >20' To 25', Add	*5.66*	
		For Elevated Installation >25' To 30', Add	*7.93*	
		For Elevated Installation >30' To 35', Add	*9.06*	
		For Elevated Installation >35' To 40', Add	*11.33*	
		For Elevated Installation >40', Add	*12.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.80*	
26 05 33 13-0498	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	27.27	11.85
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >10' To 15', Add	*2.37*	
		For Elevated Installation >15' To 20', Add	*4.74*	
		For Elevated Installation >20' To 25', Add	*5.93*	
		For Elevated Installation >25' To 30', Add	*8.30*	
		For Elevated Installation >30' To 35', Add	*9.48*	
		For Elevated Installation >35' To 40', Add	*11.86*	
		For Elevated Installation >40', Add	*13.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.11*	
26 05 33 13-0499	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	31.52	11.85
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >10' To 15', Add	*2.37*	
		For Elevated Installation >15' To 20', Add	*4.74*	
		For Elevated Installation >20' To 25', Add	*5.93*	
		For Elevated Installation >25' To 30', Add	*8.30*	
		For Elevated Installation >30' To 35', Add	*9.48*	
		For Elevated Installation >35' To 40', Add	*11.86*	
		For Elevated Installation >40', Add	*13.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.11*	
26 05 33 13-0500	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	32.04	12.12
		For Work In Restricted Working Space, Add	*7.27*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.85*	
		For Elevated Installation >20' To 25', Add	*6.06*	
		For Elevated Installation >25' To 30', Add	*8.48*	
		For Elevated Installation >30' To 35', Add	*9.69*	
		For Elevated Installation >35' To 40', Add	*12.12*	
		For Elevated Installation >40', Add	*13.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 33 13-0501	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	33.10	12.64
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.85*	
		For Elevated Installation >30' To 35', Add	*10.12*	
		For Elevated Installation >35' To 40', Add	*12.65*	
		For Elevated Installation >40', Add	*13.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 05 33 13-0502	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	34.15	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0503	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	36.79	14.49
		For Work In Restricted Working Space, Add	*8.69*	
		For Elevated Installation >10' To 15', Add	*2.90*	
		For Elevated Installation >15' To 20', Add	*5.80*	
		For Elevated Installation >20' To 25', Add	*7.25*	
		For Elevated Installation >25' To 30', Add	*10.14*	
		For Elevated Installation >30' To 35', Add	*11.59*	
		For Elevated Installation >35' To 40', Add	*14.49*	
		For Elevated Installation >40', Add	*15.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0504	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	45.82	17.13
		For Work In Restricted Working Space, Add	*10.27*	
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0505		Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0059)*		
26 05 33 13-0506	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.17	1.05
		For Work In Restricted Working Space, Add	*0.63*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.84*	
		For Elevated Installation >35' To 40', Add	*1.06*	
		For Elevated Installation >40', Add	*1.16*	
26 05 33 13-0507	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.24	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.63*	
		For Elevated Installation >20' To 25', Add	*0.79*	
		For Elevated Installation >25' To 30', Add	*1.11*	
		For Elevated Installation >30' To 35', Add	*1.26*	
		For Elevated Installation >35' To 40', Add	*1.58*	
		For Elevated Installation >40', Add	*1.74*	
26 05 33 13-0508	EA	1" Rigid Galvanized Steel (RGS) Locknuts	5.39	2.64
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0509	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	7.60	3.69
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
26 05 33 13-0510	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	8.71	4.21
		For Work In Restricted Working Space, Add	*2.53*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.11*	
		For Elevated Installation >25' To 30', Add	*2.95*	
		For Elevated Installation >30' To 35', Add	*3.37*	
		For Elevated Installation >35' To 40', Add	*4.22*	
		For Elevated Installation >40', Add	*4.64*	
26 05 33 13-0511	EA	2" Rigid Galvanized Steel (RGS) Locknuts	9.84	4.74
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.32*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.22*	
26 05 33 13-0512	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	13.57	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
26 05 33 13-0513	EA	3" Rigid Galvanized Steel (RGS) Locknuts	16.82	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0514	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	19.62	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
26 05 33 13-0515	EA	4" Rigid Galvanized Steel (RGS) Locknuts	21.98	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	

26 05 33 13-0516 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0059)*

26 05 33 13-0517	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	2.96	1.05
		For Work In Restricted Working Space, Add	*0.63*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.84*	
		For Elevated Installation >35' To 40', Add	*1.06*	
		For Elevated Installation >40', Add	*1.16*	
26 05 33 13-0518	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	4.18	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.63*	
		For Elevated Installation >20' To 25', Add	*0.79*	
		For Elevated Installation >25' To 30', Add	*1.11*	
		For Elevated Installation >30' To 35', Add	*1.26*	
		For Elevated Installation >35' To 40', Add	*1.58*	
		For Elevated Installation >40', Add	*1.74*	
26 05 33 13-0519	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	6.71	2.64
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0520	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	9.40	3.69
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
26 05 33 13-0521	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.65	4.21
		For Work In Restricted Working Space, Add	*2.53*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.11*	
		For Elevated Installation >25' To 30', Add	*2.95*	
		For Elevated Installation >30' To 35', Add	*3.37*	
		For Elevated Installation >35' To 40', Add	*4.22*	
		For Elevated Installation >40', Add	*4.64*	
26 05 33 13-0522	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	12.38	4.74
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.32*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.22*	
26 05 33 13-0523	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	18.01	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0524		EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	22.62	7.90
			For Work In Restricted Working Space, Add	*4.74*	
			For Elevated Installation >10' To 15', Add	*1.58*	
			For Elevated Installation >15' To 20', Add	*3.16*	
			For Elevated Installation >20' To 25', Add	*3.95*	
			For Elevated Installation >25' To 30', Add	*5.53*	
			For Elevated Installation >30' To 35', Add	*6.32*	
			For Elevated Installation >35' To 40', Add	*7.90*	
			For Elevated Installation >40', Add	*8.69*	
26 05 33 13-0525		EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	28.99	8.95
			For Work In Restricted Working Space, Add	*5.38*	
			For Elevated Installation >10' To 15', Add	*1.79*	
			For Elevated Installation >15' To 20', Add	*3.58*	
			For Elevated Installation >20' To 25', Add	*4.48*	
			For Elevated Installation >25' To 30', Add	*6.27*	
			For Elevated Installation >30' To 35', Add	*7.17*	
			For Elevated Installation >35' To 40', Add	*8.96*	
			For Elevated Installation >40', Add	*9.86*	
26 05 33 13-0526		EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	34.29	10.01
			For Work In Restricted Working Space, Add	*6.01*	
			For Elevated Installation >10' To 15', Add	*2.00*	
			For Elevated Installation >15' To 20', Add	*4.00*	
			For Elevated Installation >20' To 25', Add	*5.01*	
			For Elevated Installation >25' To 30', Add	*7.01*	
			For Elevated Installation >30' To 35', Add	*8.01*	
			For Elevated Installation >35' To 40', Add	*10.01*	
			For Elevated Installation >40', Add	*11.01*	
26 05 33 13-0527			Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0059)*		
26 05 33 13-0528		EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	8.45	3.16
			For Work In Restricted Working Space, Add	*1.90*	
			For Elevated Installation >10' To 15', Add	*0.63*	
			For Elevated Installation >15' To 20', Add	*1.27*	
			For Elevated Installation >20' To 25', Add	*1.58*	
			For Elevated Installation >25' To 30', Add	*2.22*	
			For Elevated Installation >30' To 35', Add	*2.53*	
			For Elevated Installation >35' To 40', Add	*3.17*	
			For Elevated Installation >40', Add	*3.48*	
26 05 33 13-0529		EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	10.73	4.21
			For Work In Restricted Working Space, Add	*2.53*	
			For Elevated Installation >10' To 15', Add	*0.84*	
			For Elevated Installation >15' To 20', Add	*1.69*	
			For Elevated Installation >20' To 25', Add	*2.11*	
			For Elevated Installation >25' To 30', Add	*2.95*	
			For Elevated Installation >30' To 35', Add	*3.37*	
			For Elevated Installation >35' To 40', Add	*4.22*	
			For Elevated Installation >40', Add	*4.64*	
26 05 33 13-0530		EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	13.64	5.26
			For Work In Restricted Working Space, Add	*3.16*	
			For Elevated Installation >10' To 15', Add	*1.05*	
			For Elevated Installation >15' To 20', Add	*2.11*	
			For Elevated Installation >20' To 25', Add	*2.64*	
			For Elevated Installation >25' To 30', Add	*3.69*	
			For Elevated Installation >30' To 35', Add	*4.22*	
			For Elevated Installation >35' To 40', Add	*5.27*	
			For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0531		EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	20.31	8.43
			For Work In Restricted Working Space, Add	*5.06*	
			For Elevated Installation >10' To 15', Add	*1.69*	
			For Elevated Installation >15' To 20', Add	*3.37*	
			For Elevated Installation >20' To 25', Add	*4.21*	
			For Elevated Installation >25' To 30', Add	*5.90*	
			For Elevated Installation >30' To 35', Add	*6.74*	
			For Elevated Installation >35' To 40', Add	*8.43*	
			For Elevated Installation >40', Add	*9.27*	
26 05 33 13-0532		EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	22.88	9.49
			For Work In Restricted Working Space, Add	*5.69*	
			For Elevated Installation >10' To 15', Add	*1.90*	
			For Elevated Installation >15' To 20', Add	*3.79*	
			For Elevated Installation >20' To 25', Add	*4.74*	
			For Elevated Installation >25' To 30', Add	*6.64*	
			For Elevated Installation >30' To 35', Add	*7.59*	
			For Elevated Installation >35' To 40', Add	*9.49*	
			For Elevated Installation >40', Add	*10.43*	
26 05 33 13-0533		EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	25.87	10.54
			For Work In Restricted Working Space, Add	*6.32*	
			For Elevated Installation >10' To 15', Add	*2.11*	
			For Elevated Installation >15' To 20', Add	*4.22*	
			For Elevated Installation >20' To 25', Add	*5.27*	
			For Elevated Installation >25' To 30', Add	*7.38*	
			For Elevated Installation >30' To 35', Add	*8.43*	
			For Elevated Installation >35' To 40', Add	*10.54*	
			For Elevated Installation >40', Add	*11.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0534	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	34.56	12.64
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.85*	
		For Elevated Installation >30' To 35', Add	*10.12*	
		For Elevated Installation >35' To 40', Add	*12.65*	
		For Elevated Installation >40', Add	*13.91*	
26 05 33 13-0535	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	42.23	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0536	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	53.11	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0537	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	65.08	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
26 05 33 13-0538		Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0059)*		
26 05 33 13-0539	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	22.86	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
26 05 33 13-0540	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	27.34	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0541	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	36.12	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0542	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	50.01	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0543	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	67.63	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0544	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	101.57	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
26 05 33 13-0545	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	176.00	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0546	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	223.28	36.88
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
26 05 33 13-0547	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	284.97	44.78
		For Work In Restricted Working Space, Add	*26.87*	
		For Elevated Installation >10' To 15', Add	*8.96*	
		For Elevated Installation >15' To 20', Add	*17.91*	
		For Elevated Installation >20' To 25', Add	*22.39*	
		For Elevated Installation >25' To 30', Add	*31.35*	
		For Elevated Installation >30' To 35', Add	*35.83*	
		For Elevated Installation >35' To 40', Add	*44.79*	
		For Elevated Installation >40', Add	*49.26*	
26 05 33 13-0548	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	344.58	52.68
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	

26 05 33 13-0549 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0059)*

26 05 33 13-0550	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	32.61	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0551	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	41.67	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0552	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	59.69	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0553	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	78.65	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0554	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	97.03	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0555	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	147.70	36.88
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
26 05 33 13-0556	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	240.03	42.15
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
26 05 33 13-0557	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	279.04	36.36
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
26 05 33 13-0558	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	382.27	55.32
		For Work In Restricted Working Space, Add	*33.19*	
		For Elevated Installation >10' To 15', Add	*11.06*	
		For Elevated Installation >15' To 20', Add	*22.13*	
		For Elevated Installation >20' To 25', Add	*27.66*	
		For Elevated Installation >25' To 30', Add	*38.72*	
		For Elevated Installation >30' To 35', Add	*44.26*	
		For Elevated Installation >35' To 40', Add	*55.32*	
		For Elevated Installation >40', Add	*60.85*	
26 05 33 13-0559	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	474.02	63.22
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.61*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	

26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0561	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.44	2.64
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0562	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.57	3.16
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
26 05 33 13-0563	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	7.75	3.69
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0564	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	9.98	4.74
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.32*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.22*	
26 05 33 13-0565	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	11.22	5.26
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0566	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	13.60	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	

26 05 33 13-0567 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0568	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	6.34	2.64
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0569	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	7.58	3.16
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
26 05 33 13-0570	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	9.11	3.69
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
26 05 33 13-0571	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	11.71	4.74
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.32*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.22*	
26 05 33 13-0572	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	14.09	5.26
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0573	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	17.00	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0574	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	20.93	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
26 05 33 13-0575	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	24.33	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
26 05 33 13-0576	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	29.05	10.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
26 05 33 13-0577	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	33.72	11.06
		For Work In Restricted Working Space, Add	*6.64*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.43*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.75*	
		For Elevated Installation >30' To 35', Add	*8.85*	
		For Elevated Installation >35' To 40', Add	*11.07*	
		For Elevated Installation >40', Add	*12.17*	
26 05 33 13-0578		Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0059)*		
26 05 33 13-0579	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	12.92	6.33
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-0580	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	15.21	7.38
		For Work In Restricted Working Space, Add	*4.43*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.95*	
		For Elevated Installation >20' To 25', Add	*3.69*	
		For Elevated Installation >25' To 30', Add	*5.16*	
		For Elevated Installation >30' To 35', Add	*5.90*	
		For Elevated Installation >35' To 40', Add	*7.38*	
		For Elevated Installation >40', Add	*8.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-0581	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	18.92	8.95
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0582	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	22.82	10.54
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0583	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	28.58	13.18
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0584	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	35.25	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0585	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	43.80	18.44
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0586	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	49.25	21.08
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	
26 05 33 13-0587	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	59.96	23.71
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	
26 05 33 13-0588	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	78.96	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

26 05 33 13-0589 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0059)*

26 05 33 13-0590	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	23.74	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
26 05 33 13-0591	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	27.60	11.06
		For Work In Restricted Working Space, Add	*6.64*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.43*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.75*	
		For Elevated Installation >30' To 35', Add	*8.85*	
		For Elevated Installation >35' To 40', Add	*11.07*	
		For Elevated Installation >40', Add	*12.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0592	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	34.38	12.64
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.85*	
		For Elevated Installation >30' To 35', Add	*10.12*	
		For Elevated Installation >35' To 40', Add	*12.65*	
		For Elevated Installation >40', Add	*13.91*	
26 05 33 13-0593	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	43.84	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0594	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	57.35	18.97
		For Work In Restricted Working Space, Add	*11.38*	
		For Elevated Installation >10' To 15', Add	*3.79*	
		For Elevated Installation >15' To 20', Add	*7.59*	
		For Elevated Installation >20' To 25', Add	*9.48*	
		For Elevated Installation >25' To 30', Add	*13.28*	
		For Elevated Installation >30' To 35', Add	*15.17*	
		For Elevated Installation >35' To 40', Add	*18.97*	
		For Elevated Installation >40', Add	*20.86*	
26 05 33 13-0595	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	75.00	22.13
		For Work In Restricted Working Space, Add	*13.28*	
		For Elevated Installation >10' To 15', Add	*4.43*	
		For Elevated Installation >15' To 20', Add	*8.85*	
		For Elevated Installation >20' To 25', Add	*11.07*	
		For Elevated Installation >25' To 30', Add	*15.49*	
		For Elevated Installation >30' To 35', Add	*17.70*	
		For Elevated Installation >35' To 40', Add	*22.13*	
		For Elevated Installation >40', Add	*24.34*	
26 05 33 13-0596	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	101.33	25.29
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.12*	
		For Elevated Installation >20' To 25', Add	*12.65*	
		For Elevated Installation >25' To 30', Add	*17.70*	
		For Elevated Installation >30' To 35', Add	*20.23*	
		For Elevated Installation >35' To 40', Add	*25.29*	
		For Elevated Installation >40', Add	*27.82*	
26 05 33 13-0597	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	170.73	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	

26 05 33 13-0598 **Electrical Metallic Tubing (EMT) Thinwall Conduit** *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0599 **Electrical Metallic Tubing (EMT) Thinwall Conduit** *(26 05 33 13-0598)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-0600	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	5.62	1.90
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.44*	
		For Installation In Metal Stud Wall, Add	*0.47*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.42*	
		For Elevated Installation >10' To 15', Add	*0.47*	
		For Elevated Installation >15' To 20', Add	*0.95*	
		For Elevated Installation >20' To 25', Add	*1.19*	
		For Elevated Installation >25' To 30', Add	*1.66*	
		For Elevated Installation >30' To 35', Add	*1.90*	
		For Elevated Installation >35' To 40', Add	*2.37*	
		For Elevated Installation >40', Add	*2.61*	
		For Factory Applied Color Coating, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0601	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	6.63	2.11
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.53*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
		For Factory Applied Color Coating, Add	*0.41*	
26 05 33 13-0602	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.08	2.32
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.66*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.45*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.16*	
		For Elevated Installation >20' To 25', Add	*1.45*	
		For Elevated Installation >25' To 30', Add	*2.03*	
		For Elevated Installation >30' To 35', Add	*2.32*	
		For Elevated Installation >35' To 40', Add	*2.90*	
		For Elevated Installation >40', Add	*3.19*	
		For Factory Applied Color Coating, Add	*0.68*	
26 05 33 13-0603	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.14	2.62
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000, Deduct	*-0.85*	
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.96*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.64*	
		For Elevated Installation >25' To 30', Add	*2.29*	
		For Elevated Installation >30' To 35', Add	*2.62*	
		For Elevated Installation >35' To 40', Add	*3.27*	
		For Elevated Installation >40', Add	*3.60*	
		For Factory Applied Color Coating, Add	*1.08*	
26 05 33 13-0604	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	11.86	2.95
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-1.00*	
		For Installation In Metal Stud Wall, Add	*0.74*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.85*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
		For Factory Applied Color Coating, Add	*1.34*	
26 05 33 13-0605	LF	2" Electrical Metallic Tubing (EMT) Conduit	13.75	3.37
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.16*	
		For Installation In Metal Stud Wall, Add	*0.84*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.11*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.26*	
		For Work In Restricted Working Space, Add	*2.53*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.11*	
		For Elevated Installation >25' To 30', Add	*2.95*	
		For Elevated Installation >30' To 35', Add	*3.37*	
		For Elevated Installation >35' To 40', Add	*4.22*	
		For Elevated Installation >40', Add	*4.64*	
		For Factory Applied Color Coating, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0606	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	17.89	4.00
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.54*	
		For Installation In Metal Stud Wall, Add	*1.00*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.50*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.50*	
		For Work In Restricted Working Space, Add	*3.00*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*2.00*	
		For Elevated Installation >20' To 25', Add	*2.50*	
		For Elevated Installation >25' To 30', Add	*3.50*	
		For Elevated Installation >30' To 35', Add	*4.00*	
		For Elevated Installation >35' To 40', Add	*5.01*	
		For Elevated Installation >40', Add	*5.51*	
		For Factory Applied Color Coating, Add	*2.36*	
26 05 33 13-0607	LF	3" Electrical Metallic Tubing (EMT) Conduit	21.45	4.63
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000, Deduct	*-1.86*	
		For Installation In Metal Stud Wall, Add	*1.16*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.90*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.74*	
		For Work In Restricted Working Space, Add	*3.48*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.32*	
		For Elevated Installation >20' To 25', Add	*2.90*	
		For Elevated Installation >25' To 30', Add	*4.06*	
		For Elevated Installation >30' To 35', Add	*4.64*	
		For Elevated Installation >35' To 40', Add	*5.80*	
		For Elevated Installation >40', Add	*6.37*	
		For Factory Applied Color Coating, Add	*2.96*	
26 05 33 13-0608	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	26.88	5.47
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.35*	
		For Installation In Metal Stud Wall, Add	*1.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.43*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.06*	
		For Work In Restricted Working Space, Add	*4.11*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Factory Applied Color Coating, Add	*3.95*	
26 05 33 13-0609	LF	4" Electrical Metallic Tubing (EMT) Conduit	36.02	8.47
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-3.07*	
		For Installation In Metal Stud Wall, Add	*2.12*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.29*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.18*	
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.23*	
		For Elevated Installation >20' To 25', Add	*5.29*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.64*	
		For Factory Applied Color Coating, Add	*4.46*	

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0598)*

See CSI section 26 05 33 13-2248 for conduit field bending.

26 05 33 13-0611 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0598)*

26 05 33 13-0612	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.50	2.53
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0613	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.68	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.48*	
26 05 33 13-0614	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	7.92	2.95
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.05*	
26 05 33 13-0615	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	10.69	3.79
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.32*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.22*	
26 05 33 13-0616	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	13.17	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.32*	
		For Elevated Installation >20' To 25', Add	*2.90*	
		For Elevated Installation >25' To 30', Add	*4.06*	
		For Elevated Installation >30' To 35', Add	*4.64*	
		For Elevated Installation >35' To 40', Add	*5.80*	
		For Elevated Installation >40', Add	*6.37*	
26 05 33 13-0617	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	17.91	6.33
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
26 05 33 13-0618	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	24.77	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0619	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	32.07	9.70
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0620	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	36.15	10.54
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0621	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	107.47	30.70
		For Work In Restricted Working Space, Add	*29.81*	
		For Elevated Installation >10' To 15', Add	*9.94*	
		For Elevated Installation >15' To 20', Add	*19.88*	
		For Elevated Installation >20' To 25', Add	*24.85*	
		For Elevated Installation >25' To 30', Add	*34.78*	
		For Elevated Installation >30' To 35', Add	*39.75*	
		For Elevated Installation >35' To 40', Add	*49.69*	
		For Elevated Installation >40', Add	*54.66*	

26 05 33 13-0622 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0598)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0623	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	6.94	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
26 05 33 13-0624	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.05	2.95
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
26 05 33 13-0625	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	11.47	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0626	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	14.58	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
26 05 33 13-0627	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	17.48	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.95*	
		For Elevated Installation >20' To 25', Add	*3.69*	
		For Elevated Installation >25' To 30', Add	*5.16*	
		For Elevated Installation >30' To 35', Add	*5.90*	
		For Elevated Installation >35' To 40', Add	*7.38*	
		For Elevated Installation >40', Add	*8.11*	
26 05 33 13-0628	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	23.26	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
26 05 33 13-0629	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	36.49	10.12
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.85*	
		For Elevated Installation >30' To 35', Add	*10.12*	
		For Elevated Installation >35' To 40', Add	*12.65*	
		For Elevated Installation >40', Add	*13.91*	
26 05 33 13-0630	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	42.25	11.80
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.76*	
		For Elevated Installation >40', Add	*16.23*	
26 05 33 13-0631	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	52.81	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0632	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	67.74	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
26 05 33 13-0633		Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0598)*		
26 05 33 13-0634	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	7.81	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.90*	
26 05 33 13-0635	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.00	2.95
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	
26 05 33 13-0636	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	13.28	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-0637	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	16.78	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-0638	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	21.39	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.95*	
		For Elevated Installation >20' To 25', Add	*3.69*	
		For Elevated Installation >25' To 30', Add	*5.16*	
		For Elevated Installation >30' To 35', Add	*5.90*	
		For Elevated Installation >35' To 40', Add	*7.38*	
		For Elevated Installation >40', Add	*8.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-0639	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	26.08	7.17
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0640	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	35.08	9.70
		For Work In Restricted Working Space, Add	*7.27*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.85*	
		For Elevated Installation >20' To 25', Add	*6.06*	
		For Elevated Installation >25' To 30', Add	*8.48*	
		For Elevated Installation >30' To 35', Add	*9.69*	
		For Elevated Installation >35' To 40', Add	*12.12*	
		For Elevated Installation >40', Add	*13.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0641	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	44.25	11.80
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.76*	
		For Elevated Installation >40', Add	*16.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	58.21	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0643	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	71.26	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.23*	

26 05 33 13-0644 Electrical Metallic Tubing (EMT) Insulated Bushing *(26 05 33 13-0598)*

26 05 33 13-0645	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	7.14	2.85
		For Work In Restricted Working Space, Add	*2.12*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.77*	
		For Elevated Installation >25' To 30', Add	*2.47*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.53*	
		For Elevated Installation >40', Add	*3.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.12*	
26 05 33 13-0646	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	7.82	3.06
		For Work In Restricted Working Space, Add	*2.31*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.54*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.69*	
		For Elevated Installation >30' To 35', Add	*3.08*	
		For Elevated Installation >35' To 40', Add	*3.85*	
		For Elevated Installation >40', Add	*4.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-0647	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	9.78	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0648	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	12.51	4.84
		For Work In Restricted Working Space, Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.20*	
		For Elevated Installation >30' To 35', Add	*4.80*	
		For Elevated Installation >35' To 40', Add	*6.01*	
		For Elevated Installation >40', Add	*6.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 33 13-0649	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	14.82	5.58
		For Work In Restricted Working Space, Add	*4.21*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.80*	
		For Elevated Installation >20' To 25', Add	*3.51*	
		For Elevated Installation >25' To 30', Add	*4.91*	
		For Elevated Installation >30' To 35', Add	*5.61*	
		For Elevated Installation >35' To 40', Add	*7.01*	
		For Elevated Installation >40', Add	*7.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0650	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	18.18	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.21*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0651	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	26.27	9.37
		For Work In Restricted Working Space, Add	*7.02*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.68*	
		For Elevated Installation >20' To 25', Add	*5.85*	
		For Elevated Installation >25' To 30', Add	*8.19*	
		For Elevated Installation >30' To 35', Add	*9.36*	
		For Elevated Installation >35' To 40', Add	*11.70*	
		For Elevated Installation >40', Add	*12.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.02*	
26 05 33 13-0652	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	34.85	12.43
		For Work In Restricted Working Space, Add	*9.36*	
		For Elevated Installation >10' To 15', Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*6.24*	
		For Elevated Installation >20' To 25', Add	*7.80*	
		For Elevated Installation >25' To 30', Add	*10.92*	
		For Elevated Installation >30' To 35', Add	*12.48*	
		For Elevated Installation >35' To 40', Add	*15.60*	
		For Elevated Installation >40', Add	*17.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.36*	
26 05 33 13-0653	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	44.66	16.01
		For Work In Restricted Working Space, Add	*12.05*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.03*	
		For Elevated Installation >20' To 25', Add	*10.04*	
		For Elevated Installation >25' To 30', Add	*14.05*	
		For Elevated Installation >30' To 35', Add	*16.06*	
		For Elevated Installation >35' To 40', Add	*20.08*	
		For Elevated Installation >40', Add	*22.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	
26 05 33 13-0654	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	57.71	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

26 05 33 13-0655 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0656	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.46	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.58*	
26 05 33 13-0657	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.64	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.90*	
26 05 33 13-0658	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	7.93	2.95
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0659	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	11.55	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-0660	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	14.11	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-0661	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	17.97	6.33
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0662	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	27.13	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0663	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	33.74	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0664	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	39.93	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0665	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	46.51	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	

26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0667	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.38	2.85
		For Work In Restricted Working Space, Add	*2.12*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.77*	
		For Elevated Installation >25' To 30', Add	*2.47*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.53*	
		For Elevated Installation >40', Add	*3.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0668	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.21	3.06
		For Work In Restricted Working Space, Add	*2.31*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.54*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.69*	
		For Elevated Installation >30' To 35', Add	*3.08*	
		For Elevated Installation >35' To 40', Add	*3.85*	
		For Elevated Installation >40', Add	*4.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-0669	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.29	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0670	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.54	4.84
		For Work In Restricted Working Space, Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.20*	
		For Elevated Installation >30' To 35', Add	*4.80*	
		For Elevated Installation >35' To 40', Add	*6.01*	
		For Elevated Installation >40', Add	*6.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 33 13-0671	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	16.06	5.58
		For Work In Restricted Working Space, Add	*4.21*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.80*	
		For Elevated Installation >20' To 25', Add	*3.51*	
		For Elevated Installation >25' To 30', Add	*4.91*	
		For Elevated Installation >30' To 35', Add	*5.61*	
		For Elevated Installation >35' To 40', Add	*7.01*	
		For Elevated Installation >40', Add	*7.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.21*	
26 05 33 13-0672	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	19.65	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.21*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0673	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	32.56	9.37
		For Work In Restricted Working Space, Add	*7.02*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.68*	
		For Elevated Installation >20' To 25', Add	*5.85*	
		For Elevated Installation >25' To 30', Add	*8.19*	
		For Elevated Installation >30' To 35', Add	*9.36*	
		For Elevated Installation >35' To 40', Add	*11.70*	
		For Elevated Installation >40', Add	*12.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.02*	
26 05 33 13-0674	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	42.15	12.43
		For Work In Restricted Working Space, Add	*9.36*	
		For Elevated Installation >10' To 15', Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*6.24*	
		For Elevated Installation >20' To 25', Add	*7.80*	
		For Elevated Installation >25' To 30', Add	*10.92*	
		For Elevated Installation >30' To 35', Add	*12.48*	
		For Elevated Installation >35' To 40', Add	*15.60*	
		For Elevated Installation >40', Add	*17.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.36*	
26 05 33 13-0675	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	53.86	16.01
		For Work In Restricted Working Space, Add	*12.05*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.03*	
		For Elevated Installation >20' To 25', Add	*10.04*	
		For Elevated Installation >25' To 30', Add	*14.05*	
		For Elevated Installation >30' To 35', Add	*16.06*	
		For Elevated Installation >35' To 40', Add	*20.08*	
		For Elevated Installation >40', Add	*22.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0676	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	67.76	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0677		Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0598)*		
26 05 33 13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.65	2.53
		For Work In Restricted Working Space, Add	*1.90*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.22*	
		For Elevated Installation >30' To 35', Add	*2.53*	
		For Elevated Installation >35' To 40', Add	*3.17*	
		For Elevated Installation >40', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.90*	
26 05 33 13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.86	2.95
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	
26 05 33 13-0680	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	11.22	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-0681	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	13.92	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-0682	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	16.55	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.95*	
		For Elevated Installation >20' To 25', Add	*3.69*	
		For Elevated Installation >25' To 30', Add	*5.16*	
		For Elevated Installation >30' To 35', Add	*5.90*	
		For Elevated Installation >35' To 40', Add	*7.38*	
		For Elevated Installation >40', Add	*8.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-0683	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	21.57	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0684	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	33.13	10.12
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.85*	
		For Elevated Installation >30' To 35', Add	*10.12*	
		For Elevated Installation >35' To 40', Add	*12.65*	
		For Elevated Installation >40', Add	*13.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0685	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	41.86	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0686	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	52.68	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0687	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	59.28	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.65*	

26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0598)*

26 05 33 13-0689	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.60	2.85
		For Work In Restricted Working Space, Add	*2.12*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.77*	
		For Elevated Installation >25' To 30', Add	*2.47*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.53*	
		For Elevated Installation >40', Add	*3.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.12*	
26 05 33 13-0690	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.43	3.06
		For Work In Restricted Working Space, Add	*2.31*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.54*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.69*	
		For Elevated Installation >30' To 35', Add	*3.08*	
		For Elevated Installation >35' To 40', Add	*3.85*	
		For Elevated Installation >40', Add	*4.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-0691	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	10.48	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0692	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	14.08	4.84
		For Work In Restricted Working Space, Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.20*	
		For Elevated Installation >30' To 35', Add	*4.80*	
		For Elevated Installation >35' To 40', Add	*6.01*	
		For Elevated Installation >40', Add	*6.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 33 13-0693	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	16.95	5.58
		For Work In Restricted Working Space, Add	*4.21*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.80*	
		For Elevated Installation >20' To 25', Add	*3.51*	
		For Elevated Installation >25' To 30', Add	*4.91*	
		For Elevated Installation >30' To 35', Add	*5.61*	
		For Elevated Installation >35' To 40', Add	*7.01*	
		For Elevated Installation >40', Add	*7.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0694	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	20.95	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.21*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	37.28	9.37
		For Work In Restricted Working Space, Add	*7.02*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.68*	
		For Elevated Installation >20' To 25', Add	*5.85*	
		For Elevated Installation >25' To 30', Add	*8.19*	
		For Elevated Installation >30' To 35', Add	*9.36*	
		For Elevated Installation >35' To 40', Add	*11.70*	
		For Elevated Installation >40', Add	*12.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.02*	
26 05 33 13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	50.09	12.43
		For Work In Restricted Working Space, Add	*9.36*	
		For Elevated Installation >10' To 15', Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*6.24*	
		For Elevated Installation >20' To 25', Add	*7.80*	
		For Elevated Installation >25' To 30', Add	*10.92*	
		For Elevated Installation >30' To 35', Add	*12.48*	
		For Elevated Installation >35' To 40', Add	*15.60*	
		For Elevated Installation >40', Add	*17.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.36*	
26 05 33 13-0697	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	67.78	16.01
		For Work In Restricted Working Space, Add	*12.05*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.03*	
		For Elevated Installation >20' To 25', Add	*10.04*	
		For Elevated Installation >25' To 30', Add	*14.05*	
		For Elevated Installation >30' To 35', Add	*16.06*	
		For Elevated Installation >35' To 40', Add	*20.08*	
		For Elevated Installation >40', Add	*22.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	
26 05 33 13-0698	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	84.99	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

26 05 33 13-0699 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0598)*

Note: Excludes jumper.

26 05 33 13-0700	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	56.99	14.02
		For Work In Restricted Working Space, Add	*10.52*	
		For Elevated Installation >10' To 15', Add	*3.51*	
		For Elevated Installation >15' To 20', Add	*7.01*	
		For Elevated Installation >20' To 25', Add	*8.77*	
		For Elevated Installation >25' To 30', Add	*12.27*	
		For Elevated Installation >30' To 35', Add	*14.03*	
		For Elevated Installation >35' To 40', Add	*17.54*	
		For Elevated Installation >40', Add	*19.29*	
26 05 33 13-0701	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	68.65	16.97
		For Work In Restricted Working Space, Add	*12.75*	
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.50*	
		For Elevated Installation >20' To 25', Add	*10.63*	
		For Elevated Installation >25' To 30', Add	*14.88*	
		For Elevated Installation >30' To 35', Add	*17.00*	
		For Elevated Installation >35' To 40', Add	*21.26*	
		For Elevated Installation >40', Add	*23.38*	
26 05 33 13-0702	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	84.34	21.29
		For Work In Restricted Working Space, Add	*15.94*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.63*	
		For Elevated Installation >20' To 25', Add	*13.28*	
		For Elevated Installation >25' To 30', Add	*18.60*	
		For Elevated Installation >30' To 35', Add	*21.25*	
		For Elevated Installation >35' To 40', Add	*26.57*	
		For Elevated Installation >40', Add	*29.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0703	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	109.08	26.13
		For Work In Restricted Working Space, Add	*19.61*	
		For Elevated Installation >10' To 15', Add	*6.54*	
		For Elevated Installation >15' To 20', Add	*13.07*	
		For Elevated Installation >20' To 25', Add	*16.34*	
		For Elevated Installation >25' To 30', Add	*22.88*	
		For Elevated Installation >30' To 35', Add	*26.14*	
		For Elevated Installation >35' To 40', Add	*32.68*	
		For Elevated Installation >40', Add	*35.95*	
26 05 33 13-0704	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	135.57	30.66
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.33*	
		For Elevated Installation >20' To 25', Add	*19.16*	
		For Elevated Installation >25' To 30', Add	*26.83*	
		For Elevated Installation >30' To 35', Add	*30.66*	
		For Elevated Installation >35' To 40', Add	*38.33*	
		For Elevated Installation >40', Add	*42.16*	
26 05 33 13-0705	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	169.98	37.30
		For Work In Restricted Working Space, Add	*28.01*	
		For Elevated Installation >10' To 15', Add	*9.34*	
		For Elevated Installation >15' To 20', Add	*18.67*	
		For Elevated Installation >20' To 25', Add	*23.34*	
		For Elevated Installation >25' To 30', Add	*32.67*	
		For Elevated Installation >30' To 35', Add	*37.34*	
		For Elevated Installation >35' To 40', Add	*46.68*	
		For Elevated Installation >40', Add	*51.34*	
26 05 33 13-0706	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	324.99	47.95
		For Work In Restricted Working Space, Add	*35.97*	
		For Elevated Installation >10' To 15', Add	*11.99*	
		For Elevated Installation >15' To 20', Add	*23.98*	
		For Elevated Installation >20' To 25', Add	*29.97*	
		For Elevated Installation >25' To 30', Add	*41.96*	
		For Elevated Installation >30' To 35', Add	*47.96*	
		For Elevated Installation >35' To 40', Add	*59.95*	
		For Elevated Installation >40', Add	*65.94*	
26 05 33 13-0707	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	397.55	56.06
		For Work In Restricted Working Space, Add	*42.05*	
		For Elevated Installation >10' To 15', Add	*14.02*	
		For Elevated Installation >15' To 20', Add	*28.04*	
		For Elevated Installation >20' To 25', Add	*35.05*	
		For Elevated Installation >25' To 30', Add	*49.06*	
		For Elevated Installation >30' To 35', Add	*56.07*	
		For Elevated Installation >35' To 40', Add	*70.09*	
		For Elevated Installation >40', Add	*77.10*	
26 05 33 13-0708	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	488.44	61.11
		For Work In Restricted Working Space, Add	*45.85*	
		For Elevated Installation >10' To 15', Add	*15.28*	
		For Elevated Installation >15' To 20', Add	*30.57*	
		For Elevated Installation >20' To 25', Add	*38.21*	
		For Elevated Installation >25' To 30', Add	*53.49*	
		For Elevated Installation >30' To 35', Add	*61.14*	
		For Elevated Installation >35' To 40', Add	*76.42*	
		For Elevated Installation >40', Add	*84.06*	
26 05 33 13-0709	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	528.63	67.44
		For Work In Restricted Working Space, Add	*50.60*	
		For Elevated Installation >10' To 15', Add	*16.87*	
		For Elevated Installation >15' To 20', Add	*33.73*	
		For Elevated Installation >20' To 25', Add	*42.16*	
		For Elevated Installation >25' To 30', Add	*59.03*	
		For Elevated Installation >30' To 35', Add	*67.46*	
		For Elevated Installation >35' To 40', Add	*84.33*	
		For Elevated Installation >40', Add	*92.76*	

26 05 33 13-0710 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0598)

26 05 33 13-0711	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.67	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.68*	
		For Elevated Installation >40', Add	*5.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0712	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.39	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.68*	
		For Elevated Installation >40', Add	*5.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0713	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.74	4.11
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Elevated Installation >20' To 25', Add	*2.60*	
		For Elevated Installation >25' To 30', Add	*3.64*	
		For Elevated Installation >30' To 35', Add	*4.16*	
		For Elevated Installation >35' To 40', Add	*5.20*	
		For Elevated Installation >40', Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0714	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.83	4.74
		For Work In Restricted Working Space, Add	*3.55*	
		For Elevated Installation >10' To 15', Add	*1.18*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Elevated Installation >20' To 25', Add	*2.96*	
		For Elevated Installation >25' To 30', Add	*4.14*	
		For Elevated Installation >30' To 35', Add	*4.73*	
		For Elevated Installation >35' To 40', Add	*5.92*	
		For Elevated Installation >40', Add	*6.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.55*	
26 05 33 13-0715	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	21.11	5.69
		For Work In Restricted Working Space, Add	*4.29*	
		For Elevated Installation >10' To 15', Add	*1.43*	
		For Elevated Installation >15' To 20', Add	*2.86*	
		For Elevated Installation >20' To 25', Add	*3.58*	
		For Elevated Installation >25' To 30', Add	*5.01*	
		For Elevated Installation >30' To 35', Add	*5.72*	
		For Elevated Installation >35' To 40', Add	*7.16*	
		For Elevated Installation >40', Add	*7.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.29*	
26 05 33 13-0716	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	25.82	6.54
		For Work In Restricted Working Space, Add	*4.91*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.27*	
		For Elevated Installation >20' To 25', Add	*4.09*	
		For Elevated Installation >25' To 30', Add	*5.72*	
		For Elevated Installation >30' To 35', Add	*6.54*	
		For Elevated Installation >35' To 40', Add	*8.18*	
		For Elevated Installation >40', Add	*8.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	
26 05 33 13-0717	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	33.64	8.22
		For Work In Restricted Working Space, Add	*6.13*	
		For Elevated Installation >10' To 15', Add	*2.04*	
		For Elevated Installation >15' To 20', Add	*4.09*	
		For Elevated Installation >20' To 25', Add	*5.11*	
		For Elevated Installation >25' To 30', Add	*7.15*	
		For Elevated Installation >30' To 35', Add	*8.18*	
		For Elevated Installation >35' To 40', Add	*10.22*	
		For Elevated Installation >40', Add	*11.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.13*	

26 05 33 13-0718 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0598)*

26 05 33 13-0719	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	22.40	9.49
		For Work In Restricted Working Space, Add	*5.69*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0720	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	26.12	11.06
		For Work In Restricted Working Space, Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*4.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.64*	
26 05 33 13-0721	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	32.41	12.64
		For Work In Restricted Working Space, Add	*7.59*	
		For Elevated Installation >15' To 20', Add	*5.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 05 33 13-0722	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	41.40	15.80
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	

26 05 33 13-0723 Intermediate Metal Conduit (IMC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0724 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0723)*

Note: Includes field bending conduit up to 1".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0725	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	7.76	2.11
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.23*	
		For Installation In Metal Stud Wall, Add	*0.55*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.37*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.82*	
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.09*	
		For Elevated Installation >20' To 25', Add	*1.37*	
		For Elevated Installation >25' To 30', Add	*1.91*	
		For Elevated Installation >30' To 35', Add	*2.19*	
		For Elevated Installation >35' To 40', Add	*2.74*	
		For Elevated Installation >40', Add	*3.01*	
26 05 33 13-0726	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	9.27	2.32
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000, Deduct	*-0.27*	
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.96*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.64*	
		For Elevated Installation >25' To 30', Add	*2.29*	
		For Elevated Installation >30' To 35', Add	*2.62*	
		For Elevated Installation >35' To 40', Add	*3.27*	
		For Elevated Installation >40', Add	*3.60*	
26 05 33 13-0727	LF	1" Intermediate Metal Conduit (IMC) Conduit	12.43	2.53
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.42*	
		For Installation In Metal Stud Wall, Add	*0.82*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.06*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	
		For Work In Restricted Working Space, Add	*2.47*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.06*	
		For Elevated Installation >25' To 30', Add	*2.88*	
		For Elevated Installation >30' To 35', Add	*3.29*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
26 05 33 13-0728	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	14.40	5.05
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.53*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.72*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.81*	
		For Elevated Installation >20' To 25', Add	*2.27*	
		For Elevated Installation >25' To 30', Add	*3.17*	
		For Elevated Installation >30' To 35', Add	*3.62*	
		For Elevated Installation >35' To 40', Add	*4.53*	
		For Elevated Installation >40', Add	*4.98*	
26 05 33 13-0729	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	16.21	3.37
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000, Deduct	*-0.63*	
		For Installation In Metal Stud Wall, Add	*0.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.48*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.49*	
		For Work In Restricted Working Space, Add	*2.97*	
		For Elevated Installation >10' To 15', Add	*0.99*	
		For Elevated Installation >15' To 20', Add	*1.98*	
		For Elevated Installation >20' To 25', Add	*2.48*	
		For Elevated Installation >25' To 30', Add	*3.47*	
		For Elevated Installation >30' To 35', Add	*3.96*	
		For Elevated Installation >35' To 40', Add	*4.96*	
		For Elevated Installation >40', Add	*5.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0730	LF	2" Intermediate Metal Conduit (IMC) Conduit	20.56	3.79
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.86*	
		For Installation In Metal Stud Wall, Add	*1.20*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.00*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.80*	
		For Work In Restricted Working Space, Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.20*	
		For Elevated Installation >30' To 35', Add	*4.80*	
		For Elevated Installation >35' To 40', Add	*6.01*	
		For Elevated Installation >40', Add	*6.61*	
26 05 33 13-0731	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	34.85	5.05
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.89*	
		For Installation In Metal Stud Wall, Add	*1.59*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.98*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.39*	
		For Work In Restricted Working Space, Add	*4.77*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.98*	
		For Elevated Installation >25' To 30', Add	*5.57*	
		For Elevated Installation >30' To 35', Add	*6.36*	
		For Elevated Installation >35' To 40', Add	*7.96*	
		For Elevated Installation >40', Add	*8.75*	
26 05 33 13-0732	LF	3" Intermediate Metal Conduit (IMC) Conduit	44.40	6.33
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.33*	
		For Installation In Metal Stud Wall, Add	*2.11*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.16*	
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0733	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	51.14	7.59
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000, Deduct	*-2.70*	
		For Installation In Metal Stud Wall, Add	*2.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.03*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.62*	
		For Work In Restricted Working Space, Add	*7.24*	
		For Elevated Installation >10' To 15', Add	*2.41*	
		For Elevated Installation >15' To 20', Add	*4.83*	
		For Elevated Installation >20' To 25', Add	*6.03*	
		For Elevated Installation >25' To 30', Add	*8.45*	
		For Elevated Installation >30' To 35', Add	*9.65*	
		For Elevated Installation >35' To 40', Add	*12.07*	
		For Elevated Installation >40', Add	*13.27*	
26 05 33 13-0734	LF	4" Intermediate Metal Conduit (IMC) Conduit	59.93	8.85
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-3.18*	
		For Installation In Metal Stud Wall, Add	*2.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.04*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.22*	
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.04*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.26*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.48*	

26 05 33 13-0735 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0723)*
See CSI section 26 05 33 13-2248 for conduit field bending.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0736	EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	35.15	10.43
		For Work In Restricted Working Space, Add	*7.85*	
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.16*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.39*	
26 05 33 13-0737	EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	42.61	12.96
		For Work In Restricted Working Space, Add	*9.76*	
		For Elevated Installation >10' To 15', Add	*3.25*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.13*	
		For Elevated Installation >25' To 30', Add	*11.39*	
		For Elevated Installation >30' To 35', Add	*13.01*	
		For Elevated Installation >35' To 40', Add	*16.27*	
		For Elevated Installation >40', Add	*17.89*	
26 05 33 13-0738	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	54.00	15.91
		For Work In Restricted Working Space, Add	*11.90*	
		For Elevated Installation >10' To 15', Add	*3.97*	
		For Elevated Installation >15' To 20', Add	*7.93*	
		For Elevated Installation >20' To 25', Add	*9.92*	
		For Elevated Installation >25' To 30', Add	*13.88*	
		For Elevated Installation >30' To 35', Add	*15.87*	
		For Elevated Installation >35' To 40', Add	*19.84*	
		For Elevated Installation >40', Add	*21.82*	
26 05 33 13-0739	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	66.15	18.44
		For Work In Restricted Working Space, Add	*13.82*	
		For Elevated Installation >10' To 15', Add	*4.61*	
		For Elevated Installation >15' To 20', Add	*9.21*	
		For Elevated Installation >20' To 25', Add	*11.52*	
		For Elevated Installation >25' To 30', Add	*16.12*	
		For Elevated Installation >30' To 35', Add	*18.42*	
		For Elevated Installation >35' To 40', Add	*23.03*	
		For Elevated Installation >40', Add	*25.33*	
26 05 33 13-0740	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	78.28	21.18
		For Work In Restricted Working Space, Add	*15.86*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.57*	
		For Elevated Installation >20' To 25', Add	*13.22*	
		For Elevated Installation >25' To 30', Add	*18.50*	
		For Elevated Installation >30' To 35', Add	*21.15*	
		For Elevated Installation >35' To 40', Add	*26.44*	
		For Elevated Installation >40', Add	*29.08*	
26 05 33 13-0741	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	94.74	23.28
		For Work In Restricted Working Space, Add	*17.45*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.63*	
		For Elevated Installation >20' To 25', Add	*14.54*	
		For Elevated Installation >25' To 30', Add	*20.36*	
		For Elevated Installation >30' To 35', Add	*23.26*	
		For Elevated Installation >35' To 40', Add	*29.08*	
		For Elevated Installation >40', Add	*31.99*	
26 05 33 13-0742	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	134.82	29.08
		For Work In Restricted Working Space, Add	*21.81*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.54*	
		For Elevated Installation >20' To 25', Add	*18.18*	
		For Elevated Installation >25' To 30', Add	*25.45*	
		For Elevated Installation >30' To 35', Add	*29.08*	
		For Elevated Installation >35' To 40', Add	*36.35*	
		For Elevated Installation >40', Add	*39.99*	
26 05 33 13-0743	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	194.13	39.62
		For Work In Restricted Working Space, Add	*29.71*	
		For Elevated Installation >10' To 15', Add	*9.90*	
		For Elevated Installation >15' To 20', Add	*19.81*	
		For Elevated Installation >20' To 25', Add	*24.76*	
		For Elevated Installation >25' To 30', Add	*34.66*	
		For Elevated Installation >30' To 35', Add	*39.62*	
		For Elevated Installation >35' To 40', Add	*49.52*	
		For Elevated Installation >40', Add	*54.47*	
26 05 33 13-0744	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	279.59	44.68
		For Work In Restricted Working Space, Add	*33.51*	
		For Elevated Installation >10' To 15', Add	*11.17*	
		For Elevated Installation >15' To 20', Add	*22.34*	
		For Elevated Installation >20' To 25', Add	*27.93*	
		For Elevated Installation >25' To 30', Add	*39.10*	
		For Elevated Installation >30' To 35', Add	*44.68*	
		For Elevated Installation >35' To 40', Add	*55.86*	
		For Elevated Installation >40', Add	*61.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0745	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	340.12	58.17
		For Work In Restricted Working Space, Add	*43.61*	
		For Elevated Installation >10' To 15', Add	*14.54*	
		For Elevated Installation >15' To 20', Add	*29.08*	
		For Elevated Installation >20' To 25', Add	*36.35*	
		For Elevated Installation >25' To 30', Add	*50.88*	
		For Elevated Installation >30' To 35', Add	*58.15*	
		For Elevated Installation >35' To 40', Add	*72.69*	
		For Elevated Installation >40', Add	*79.96*	
26 05 33 13-0746		**Intermediate Metal Conduit (IMC) Bushing Sets With Locknut** *(26 05 33 13-0723)*		
26 05 33 13-0747	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	14.32	5.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-0748	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	16.86	6.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0749	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	21.79	8.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0750	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	26.59	9.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 33 13-0751	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	29.71	10.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0752	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	38.23	13.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-0753	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	70.01	21.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.81*	
26 05 33 13-0754	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	87.06	28.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.50*	
26 05 33 13-0755	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	113.20	34.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.61*	
26 05 33 13-0756	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	133.48	39.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.72*	
26 05 33 13-0757		**Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings** *(26 05 33 13-0723)*		
		Note: 3-Piece coupling.		
26 05 33 13-0758	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	47.02	16.85
		For Work In Restricted Working Space, Add	*12.66*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.44*	
		For Elevated Installation >20' To 25', Add	*10.55*	
		For Elevated Installation >25' To 30', Add	*14.77*	
		For Elevated Installation >30' To 35', Add	*16.88*	
		For Elevated Installation >35' To 40', Add	*21.10*	
		For Elevated Installation >40', Add	*23.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.66*	
26 05 33 13-0759	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	53.31	18.86
		For Work In Restricted Working Space, Add	*14.13*	
		For Elevated Installation >10' To 15', Add	*4.71*	
		For Elevated Installation >15' To 20', Add	*9.42*	
		For Elevated Installation >20' To 25', Add	*11.78*	
		For Elevated Installation >25' To 30', Add	*16.49*	
		For Elevated Installation >30' To 35', Add	*18.84*	
		For Elevated Installation >35' To 40', Add	*23.55*	
		For Elevated Installation >40', Add	*25.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.13*	
26 05 33 13-0760	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	64.43	20.97
		For Work In Restricted Working Space, Add	*15.74*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.49*	
		For Elevated Installation >20' To 25', Add	*13.12*	
		For Elevated Installation >25' To 30', Add	*18.36*	
		For Elevated Installation >30' To 35', Add	*20.98*	
		For Elevated Installation >35' To 40', Add	*26.23*	
		For Elevated Installation >40', Add	*28.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 05 33 13-0761	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	79.43	22.97
		For Work In Restricted Working Space, Add	*17.22*	
		For Elevated Installation >10' To 15', Add	*5.74*	
		For Elevated Installation >15' To 20', Add	*11.48*	
		For Elevated Installation >20' To 25', Add	*14.35*	
		For Elevated Installation >25' To 30', Add	*20.09*	
		For Elevated Installation >30' To 35', Add	*22.96*	
		For Elevated Installation >35' To 40', Add	*28.71*	
		For Elevated Installation >40', Add	*31.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0762	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	90.44	25.08
		For Work In Restricted Working Space, Add	*18.84*	
		For Elevated Installation >10' To 15', Add	*6.28*	
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Elevated Installation >20' To 25', Add	*15.70*	
		For Elevated Installation >25' To 30', Add	*21.98*	
		For Elevated Installation >30' To 35', Add	*25.12*	
		For Elevated Installation >35' To 40', Add	*31.41*	
		For Elevated Installation >40', Add	*34.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.84*	
26 05 33 13-0763	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	123.28	27.18
		For Work In Restricted Working Space, Add	*20.41*	
		For Elevated Installation >10' To 15', Add	*6.80*	
		For Elevated Installation >15' To 20', Add	*13.60*	
		For Elevated Installation >20' To 25', Add	*17.01*	
		For Elevated Installation >25' To 30', Add	*23.81*	
		For Elevated Installation >30' To 35', Add	*27.21*	
		For Elevated Installation >35' To 40', Add	*34.01*	
		For Elevated Installation >40', Add	*37.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.41*	
26 05 33 13-0764	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	202.49	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0765	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	285.63	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-0766	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	416.09	50.58
		For Work In Restricted Working Space, Add	*37.95*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.30*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.27*	
		For Elevated Installation >30' To 35', Add	*50.60*	
		For Elevated Installation >35' To 40', Add	*63.25*	
		For Elevated Installation >40', Add	*69.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.95*	
26 05 33 13-0767	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	479.76	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 05 33 13-0768		Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0723)*		
26 05 33 13-0769	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	26.33	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
26 05 33 13-0770	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	29.39	9.27
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0771	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	33.73	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0772	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	38.20	11.38
		For Work In Restricted Working Space, Add	*8.54*	
		For Elevated Installation >10' To 15', Add	*2.85*	
		For Elevated Installation >15' To 20', Add	*5.69*	
		For Elevated Installation >20' To 25', Add	*7.11*	
		For Elevated Installation >25' To 30', Add	*9.96*	
		For Elevated Installation >30' To 35', Add	*11.38*	
		For Elevated Installation >35' To 40', Add	*14.23*	
		For Elevated Installation >40', Add	*15.65*	
26 05 33 13-0773	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	45.20	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
26 05 33 13-0774	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	54.86	13.91
		For Work In Restricted Working Space, Add	*10.43*	
		For Elevated Installation >10' To 15', Add	*3.48*	
		For Elevated Installation >15' To 20', Add	*6.95*	
		For Elevated Installation >20' To 25', Add	*8.69*	
		For Elevated Installation >25' To 30', Add	*12.17*	
		For Elevated Installation >30' To 35', Add	*13.91*	
		For Elevated Installation >35' To 40', Add	*17.39*	
		For Elevated Installation >40', Add	*19.12*	
26 05 33 13-0775	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	74.36	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0776	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	91.98	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
26 05 33 13-0777	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	110.50	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0778	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	124.64	27.39
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	

26 05 33 13-0779 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0723)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0780	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	23.27	8.43
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0781	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	29.62	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0782	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	36.46	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-0783	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	43.74	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.38*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.91*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0784	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	50.98	16.85
		For Work In Restricted Working Space, Add	*12.64*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.07*	
		For Elevated Installation >40', Add	*23.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-0785	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	60.18	18.97
		For Work In Restricted Working Space, Add	*14.22*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0786	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	74.07	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0787	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	86.76	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0788	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	105.84	27.39
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0789	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	120.88	29.51
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.81*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	

26 05 33 13-0790 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0723)*

26 05 33 13-0791	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	136.71	16.85
		For Work In Restricted Working Space, Add	*12.65*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
26 05 33 13-0792	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	151.44	18.97
		For Work In Restricted Working Space, Add	*14.23*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
26 05 33 13-0793	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	168.29	21.08
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.98*	
26 05 33 13-0794	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	202.16	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
26 05 33 13-0795	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	246.14	25.29
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0796	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	320.72	27.39
		For Work In Restricted Working Space, Add	*20.54*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.39*	
		For Elevated Installation >35' To 40', Add	*34.24*	
		For Elevated Installation >40', Add	*37.66*	
26 05 33 13-0797	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	480.51	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0798	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	578.48	42.15
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
26 05 33 13-0799	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	802.34	50.58
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.62*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
26 05 33 13-0800	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	926.09	54.80
		For Work In Restricted Working Space, Add	*41.09*	
		For Elevated Installation >10' To 15', Add	*13.70*	
		For Elevated Installation >15' To 20', Add	*27.39*	
		For Elevated Installation >20' To 25', Add	*34.24*	
		For Elevated Installation >25' To 30', Add	*47.94*	
		For Elevated Installation >30' To 35', Add	*54.79*	
		For Elevated Installation >35' To 40', Add	*68.49*	
		For Elevated Installation >40', Add	*75.33*	

26 05 33 13-0801 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0723)*

26 05 33 13-0802	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	89.07	26.34
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-0803	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	105.95	31.61
		For Work In Restricted Working Space, Add	*18.97*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 05 33 13-0804	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	128.68	36.88
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-0805	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	150.99	42.15
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-0806	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	195.25	47.42
		For Work In Restricted Working Space, Add	*28.45*	
		For Elevated Installation >10' To 15', Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Elevated Installation >20' To 25', Add	*23.71*	
		For Elevated Installation >25' To 30', Add	*33.19*	
		For Elevated Installation >30' To 35', Add	*37.93*	
		For Elevated Installation >35' To 40', Add	*47.42*	
		For Elevated Installation >40', Add	*52.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0807	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	235.47	52.68
		For Work In Restricted Working Space, Add	*31.61*	
		For Elevated Installation >10' To 15', Add	*10.54*	
		For Elevated Installation >15' To 20', Add	*21.07*	
		For Elevated Installation >20' To 25', Add	*26.34*	
		For Elevated Installation >25' To 30', Add	*36.88*	
		For Elevated Installation >30' To 35', Add	*42.15*	
		For Elevated Installation >35' To 40', Add	*52.69*	
		For Elevated Installation >40', Add	*57.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-0808	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	328.59	63.22
		For Work In Restricted Working Space, Add	*37.94*	
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.61*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 05 33 13-0809	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	394.44	73.76
		For Work In Restricted Working Space, Add	*44.26*	
		For Elevated Installation >10' To 15', Add	*14.75*	
		For Elevated Installation >15' To 20', Add	*29.50*	
		For Elevated Installation >20' To 25', Add	*36.88*	
		For Elevated Installation >25' To 30', Add	*51.63*	
		For Elevated Installation >30' To 35', Add	*59.01*	
		For Elevated Installation >35' To 40', Add	*73.76*	
		For Elevated Installation >40', Add	*81.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.26*	
26 05 33 13-0810	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	880.71	84.29
		For Work In Restricted Working Space, Add	*50.58*	
		For Elevated Installation >10' To 15', Add	*16.86*	
		For Elevated Installation >15' To 20', Add	*33.72*	
		For Elevated Installation >20' To 25', Add	*42.15*	
		For Elevated Installation >25' To 30', Add	*59.01*	
		For Elevated Installation >30' To 35', Add	*67.44*	
		For Elevated Installation >35' To 40', Add	*84.30*	
		For Elevated Installation >40', Add	*92.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.58*	
26 05 33 13-0811	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,013.85	94.83
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.93*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.38*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	

26 05 33 13-0812 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0723)*

26 05 33 13-0813	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	13.88	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
26 05 33 13-0814	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	19.43	7.17
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
26 05 33 13-0815	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	25.41	9.27
		For Work In Restricted Working Space, Add	*6.95*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.63*	
		For Elevated Installation >20' To 25', Add	*5.79*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.26*	
		For Elevated Installation >35' To 40', Add	*11.58*	
		For Elevated Installation >40', Add	*12.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0816	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	29.16	10.54
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.18*	
		For Elevated Installation >40', Add	*14.49*	
26 05 33 13-0817	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	35.14	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.37*	
26 05 33 13-0818	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	40.51	14.33
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.34*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
26 05 33 13-0819	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	50.37	16.01
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.01*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
26 05 33 13-0820	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	59.44	18.13
		For Work In Restricted Working Space, Add	*13.59*	
		For Elevated Installation >10' To 15', Add	*4.53*	
		For Elevated Installation >15' To 20', Add	*9.06*	
		For Elevated Installation >20' To 25', Add	*11.33*	
		For Elevated Installation >25' To 30', Add	*15.86*	
		For Elevated Installation >30' To 35', Add	*18.12*	
		For Elevated Installation >35' To 40', Add	*22.66*	
		For Elevated Installation >40', Add	*24.92*	
26 05 33 13-0821	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	68.42	19.81
		For Work In Restricted Working Space, Add	*14.86*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.91*	
		For Elevated Installation >20' To 25', Add	*12.39*	
		For Elevated Installation >25' To 30', Add	*17.34*	
		For Elevated Installation >30' To 35', Add	*19.82*	
		For Elevated Installation >35' To 40', Add	*24.77*	
		For Elevated Installation >40', Add	*27.25*	
26 05 33 13-0822	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	71.70	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.53*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.43*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	

26 05 33 13-0823 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0723)*

26 05 33 13-0824	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	6.65	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0825	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	7.46	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.11*	
		For Elevated Installation >35' To 40', Add	*2.64*	
		For Elevated Installation >40', Add	*2.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0826		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0058)* Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0827		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0826)* Note: Includes field bending for conduit up to 1".		
26 05 33 13-0828	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	13.00	2.95
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.12*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.69*	
		For Elevated Installation >40', Add	*4.06*	
		For Work In Restricted Working Space, Add	*2.21*	
26 05 33 13-0829	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	14.94	3.37
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.28*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.11*	
		For Elevated Installation >25' To 30', Add	*2.95*	
		For Elevated Installation >30' To 35', Add	*3.37*	
		For Elevated Installation >35' To 40', Add	*4.22*	
		For Elevated Installation >40', Add	*4.64*	
		For Work In Restricted Working Space, Add	*2.53*	
26 05 33 13-0830	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	18.98	4.21
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.63*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.27*	
		For Elevated Installation >40', Add	*5.80*	
		For Work In Restricted Working Space, Add	*3.16*	
26 05 33 13-0831	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	23.34	5.05
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000, Deduct	*-2.02*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Work In Restricted Working Space, Add	*3.79*	
26 05 33 13-0832	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	28.80	6.33
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.49*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Work In Restricted Working Space, Add	*4.74*	
26 05 33 13-0833	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	35.91	7.59
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.12*	
		For Elevated Installation >10' To 15', Add	*1.90*	
		For Elevated Installation >15' To 20', Add	*3.79*	
		For Elevated Installation >20' To 25', Add	*4.74*	
		For Elevated Installation >25' To 30', Add	*6.64*	
		For Elevated Installation >30' To 35', Add	*7.59*	
		For Elevated Installation >35' To 40', Add	*9.49*	
		For Elevated Installation >40', Add	*10.43*	
		For Work In Restricted Working Space, Add	*5.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0834	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	47.82	8.85
		For >250 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.23*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.43*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.75*	
		For Elevated Installation >30' To 35', Add	*8.85*	
		For Elevated Installation >35' To 40', Add	*11.07*	
		For Elevated Installation >40', Add	*12.17*	
		For Work In Restricted Working Space, Add	*6.64*	
26 05 33 13-0835	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	59.79	10.96
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-5.29*	
		For Elevated Installation >10' To 15', Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*5.48*	
		For Elevated Installation >20' To 25', Add	*6.85*	
		For Elevated Installation >25' To 30', Add	*9.59*	
		For Elevated Installation >30' To 35', Add	*10.96*	
		For Elevated Installation >35' To 40', Add	*13.70*	
		For Elevated Installation >40', Add	*15.06*	
		For Work In Restricted Working Space, Add	*8.22*	
26 05 33 13-0836	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	73.35	13.49
		For >250 To 500, Deduct	*-2.82*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-6.49*	
		For Elevated Installation >10' To 15', Add	*3.37*	
		For Elevated Installation >15' To 20', Add	*6.74*	
		For Elevated Installation >20' To 25', Add	*8.43*	
		For Elevated Installation >25' To 30', Add	*11.80*	
		For Elevated Installation >30' To 35', Add	*13.49*	
		For Elevated Installation >35' To 40', Add	*16.86*	
		For Elevated Installation >40', Add	*18.55*	
		For Work In Restricted Working Space, Add	*10.12*	
26 05 33 13-0837	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	86.76	16.01
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.51*	
		For >1,000, Deduct	*-7.68*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Work In Restricted Working Space, Add	*12.01*	
26 05 33 13-0838	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	130.22	18.97
		For >250 To 500, Deduct	*-5.33*	
		For >500 To 1,000, Deduct	*-8.58*	
		For >1,000, Deduct	*-11.84*	
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.86*	
		For Elevated Installation >25' To 30', Add	*16.60*	
		For Elevated Installation >30' To 35', Add	*18.97*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.23*	
26 05 33 13-0839	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	176.68	25.29
		For >250 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-11.67*	
		For >1,000, Deduct	*-16.09*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.97*	

26 05 33 13-0840 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0826)*

26 05 33 13-0841	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	18.58	6.33
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.16*	
		For Elevated Installation >25' To 30', Add	*4.42*	
		For Elevated Installation >30' To 35', Add	*5.06*	
		For Elevated Installation >35' To 40', Add	*6.32*	
		For Elevated Installation >40', Add	*6.95*	
		For Work In Restricted Working Space, Add	*3.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0842	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	24.14	8.95
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.96*	
		For Elevated Installation >40', Add	*9.86*	
		For Work In Restricted Working Space, Add	*5.38*	
26 05 33 13-0843	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	31.26	11.59
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.11*	
		For Elevated Installation >30' To 35', Add	*9.27*	
		For Elevated Installation >35' To 40', Add	*11.59*	
		For Elevated Installation >40', Add	*12.75*	
		For Work In Restricted Working Space, Add	*6.95*	
26 05 33 13-0844	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	35.76	13.18
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Work In Restricted Working Space, Add	*7.90*	
26 05 33 13-0845	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	42.81	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-0846	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	52.22	17.92
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.33*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
		For Work In Restricted Working Space, Add	*10.75*	
26 05 33 13-0847	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	80.61	17.92
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Work In Restricted Working Space, Add	*12.01*	
26 05 33 13-0848	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	94.58	24.77
		For Elevated Installation >10' To 15', Add	*4.53*	
		For Elevated Installation >15' To 20', Add	*9.06*	
		For Elevated Installation >20' To 25', Add	*11.33*	
		For Elevated Installation >25' To 30', Add	*15.86*	
		For Elevated Installation >30' To 35', Add	*18.12*	
		For Elevated Installation >35' To 40', Add	*22.66*	
		For Elevated Installation >40', Add	*24.92*	
		For Work In Restricted Working Space, Add	*13.59*	
26 05 33 13-0849	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	112.73	24.77
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.81*	
		For Elevated Installation >35' To 40', Add	*24.76*	
		For Elevated Installation >40', Add	*27.24*	
		For Work In Restricted Working Space, Add	*14.86*	
26 05 33 13-0850	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	126.58	26.34
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Work In Restricted Working Space, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0851	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	304.04	31.61
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.97*	
26 05 33 13-0852	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	342.77	36.88
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Work In Restricted Working Space, Add	*22.13*	

26 05 33 13-0853 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0826)*

Note: 90, 45, or 30 degree.

26 05 33 13-0854	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	55.05	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-0855	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	64.07	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-0856	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	76.83	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0857	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	90.72	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0858	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	105.91	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0859	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	127.57	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0860	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	192.92	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0861	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	285.99	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0862	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	351.51	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0863	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	407.12	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-0864	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	833.76	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-0865	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,307.77	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	

26 05 33 13-0866 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0867	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	125.88	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0868	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	141.94	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0869	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	161.98	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0870	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	192.27	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0871	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	266.15	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	

26 05 33 13-0872 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0873	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	139.15	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0874	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	163.86	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0875	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	177.70	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0876	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	226.54	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0877	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	299.19	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0878	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	384.00	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	

26 05 38 13-0879 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0880	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	155.01	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0881	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	175.27	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0882	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	197.87	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0883	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	237.91	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0884	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	337.17	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0885	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	428.59	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0886	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	538.23	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0887	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	610.54	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	

26 05 33 13-0888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0889	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	182.41	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0890	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	202.07	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0891	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	228.29	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0892	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	281.72	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0893	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	405.14	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0894	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	504.12	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0895	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	584.35	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0896	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	695.21	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	

26 05 33 13-0897 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0898	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	203.73	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0899	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	227.02	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0900	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	258.24	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0901	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	319.86	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0902	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	442.22	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0903	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	564.55	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0904	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	696.49	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0905	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	772.94	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-0906	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,287.53	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	

26 05 33 13-0907 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0908	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	231.61	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0909	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	257.16	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0910	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	291.07	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0911	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	362.16	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0912	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	504.01	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0913	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	641.53	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0914	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	752.69	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0915	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	873.28	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-0916	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,357.85	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-0917	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,863.44	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	

26 05 33 13-0918 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0919	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	270.42	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-0920	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	284.03	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0921	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	335.00	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0922	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	421.05	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0923	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	587.34	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0924	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	745.31	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0925	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	908.91	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0926	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,068.49	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-0927	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,587.23	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-0928	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,968.74	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	

26 05 33 13-0929 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0930	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	279.77	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0931	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	329.48	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-0932	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	373.00	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-0933	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	438.76	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-0934	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	608.15	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-0935	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	777.22	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-0936	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	993.99	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-0937	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,112.76	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-0938	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,648.86	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-0939	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,022.24	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	

26 05 33 13-0940 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0826)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0941	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	104.23	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0942	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	127.73	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	
26 05 33 13-0943	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	169.91	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0944	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	277.90	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	
26 05 33 13-0945	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	306.93	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0946	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	387.30	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-0947	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,050.13	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-0948	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,254.12	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0949	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,667.16	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-0950 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0951	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	99.97	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0952	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	122.93	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	
26 05 33 13-0953	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	169.91	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0954	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	275.42	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	
26 05 33 13-0955	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	296.96	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0956	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	387.42	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-0957	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,007.56	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0958	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,223.07	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 33 13-0959	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,667.09	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-0960 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0961	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	90.55	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0962	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	108.63	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	
26 05 33 13-0963	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	128.12	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0964	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	181.38	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	
26 05 33 13-0965	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	211.78	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0966	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	325.87	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0967	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	889.03	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-0968	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,001.66	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 33 13-0969	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,280.24	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-0970 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0971	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	153.57	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0972	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	231.18	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	
26 05 33 13-0973	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	290.42	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0974	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	335.24	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0975	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	380.74	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0976	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	500.41	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-0977	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,568.26	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-0978	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,831.97	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 33 13-0979	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,253.81	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-0980 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0981	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	170.30	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0982	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	246.97	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0983	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	293.42	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0984	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	340.19	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	
26 05 33 13-0985	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	394.32	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0986	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	619.76	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-0987	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,748.34	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-0988	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,460.70	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 33 13-0989	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,572.10	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-0990 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0826)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0991	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	135.14	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-0992	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	170.61	22.60
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.04*	
		For Elevated Installation >20' To 25', Add	*11.30*	
		For Elevated Installation >25' To 30', Add	*15.82*	
		For Elevated Installation >30' To 35', Add	*18.08*	
		For Elevated Installation >35' To 40', Add	*22.60*	
		For Elevated Installation >40', Add	*24.86*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.56*	
26 05 33 13-0993	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	204.31	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 05 33 13-0994	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	226.51	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.08*	
26 05 33 13-0995	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	304.43	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0996	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	429.27	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-0997	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,419.10	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0998	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,598.74	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.51*	
		For Elevated Installation >35' To 40', Add	*64.39*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 33 13-0999	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,901.66	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.80*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.51*	
		For Elevated Installation >40', Add	*103.96*	
		For Work In Restricted Working Space, Add	*56.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.71*	

26 05 33 13-1000 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1001	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	124.04	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	
26 05 33 13-1002	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	139.97	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1003	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	172.77	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1004	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	225.53	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	
26 05 33 13-1005	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	262.87	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.35*	
		For Elevated Installation >30' To 35', Add	*43.83*	
		For Elevated Installation >35' To 40', Add	*54.79*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1006	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	357.50	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.76*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 33 13-1007	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	599.66	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.99*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.73*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.47*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.48*	
26 05 33 13-1008	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	768.29	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.32*	
		For Elevated Installation >20' To 25', Add	*61.65*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.62*	
		For Work In Restricted Working Space, Add	*73.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.97*	
26 05 33 13-1009	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,066.20	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.46*	
26 05 33 13-1010	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,224.99	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.60*	

26 05 33 13-1011 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1012	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	162.07	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.57*	
		For Elevated Installation >25' To 30', Add	*30.20*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.46*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1013	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	184.62	47.95
		For Elevated Installation >10' To 15', Add	*9.59*	
		For Elevated Installation >15' To 20', Add	*19.18*	
		For Elevated Installation >20' To 25', Add	*23.97*	
		For Elevated Installation >25' To 30', Add	*33.56*	
		For Elevated Installation >30' To 35', Add	*38.36*	
		For Elevated Installation >35' To 40', Add	*47.95*	
		For Elevated Installation >40', Add	*52.74*	
		For Work In Restricted Working Space, Add	*28.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1014	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	224.99	52.74
		For Elevated Installation >10' To 15', Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*21.09*	
		For Elevated Installation >20' To 25', Add	*26.37*	
		For Elevated Installation >25' To 30', Add	*36.91*	
		For Elevated Installation >30' To 35', Add	*42.19*	
		For Elevated Installation >35' To 40', Add	*52.74*	
		For Elevated Installation >40', Add	*58.01*	
		For Work In Restricted Working Space, Add	*31.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.64*	
26 05 33 13-1015	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	301.64	60.27
		For Elevated Installation >10' To 15', Add	*12.05*	
		For Elevated Installation >15' To 20', Add	*24.11*	
		For Elevated Installation >20' To 25', Add	*30.14*	
		For Elevated Installation >25' To 30', Add	*42.19*	
		For Elevated Installation >30' To 35', Add	*48.22*	
		For Elevated Installation >35' To 40', Add	*60.27*	
		For Elevated Installation >40', Add	*66.30*	
		For Work In Restricted Working Space, Add	*36.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.16*	
26 05 33 13-1016	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	355.98	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 33 13-1017	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	484.08	80.82
		For Elevated Installation >10' To 15', Add	*16.16*	
		For Elevated Installation >15' To 20', Add	*32.33*	
		For Elevated Installation >20' To 25', Add	*40.41*	
		For Elevated Installation >25' To 30', Add	*56.57*	
		For Elevated Installation >30' To 35', Add	*64.66*	
		For Elevated Installation >35' To 40', Add	*80.82*	
		For Elevated Installation >40', Add	*88.90*	
		For Work In Restricted Working Space, Add	*48.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.49*	

26 05 33 13-1018 Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1019	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	142.61	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1020	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	162.80	43.84
		For Elevated Installation >10' To 15', Add	*8.77*	
		For Elevated Installation >15' To 20', Add	*17.53*	
		For Elevated Installation >20' To 25', Add	*21.92*	
		For Elevated Installation >25' To 30', Add	*30.68*	
		For Elevated Installation >30' To 35', Add	*35.07*	
		For Elevated Installation >35' To 40', Add	*43.84*	
		For Elevated Installation >40', Add	*48.22*	
		For Work In Restricted Working Space, Add	*26.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.30*	
26 05 33 13-1021	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	196.54	47.95
		For Elevated Installation >10' To 15', Add	*9.59*	
		For Elevated Installation >15' To 20', Add	*19.18*	
		For Elevated Installation >20' To 25', Add	*23.97*	
		For Elevated Installation >25' To 30', Add	*33.56*	
		For Elevated Installation >30' To 35', Add	*38.36*	
		For Elevated Installation >35' To 40', Add	*47.95*	
		For Elevated Installation >40', Add	*52.74*	
		For Work In Restricted Working Space, Add	*28.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.77*	
26 05 33 13-1022	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	251.29	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1023	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	297.51	60.27
		For Elevated Installation >10' To 15', Add	*12.06*	
		For Elevated Installation >15' To 20', Add	*24.11*	
		For Elevated Installation >20' To 25', Add	*30.14*	
		For Elevated Installation >25' To 30', Add	*42.19*	
		For Elevated Installation >30' To 35', Add	*48.22*	
		For Elevated Installation >35' To 40', Add	*60.28*	
		For Elevated Installation >40', Add	*66.30*	
		For Work In Restricted Working Space, Add	*36.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.17*	
26 05 33 13-1024	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	398.06	70.55
		For Elevated Installation >10' To 15', Add	*14.11*	
		For Elevated Installation >15' To 20', Add	*28.22*	
		For Elevated Installation >20' To 25', Add	*35.27*	
		For Elevated Installation >25' To 30', Add	*49.38*	
		For Elevated Installation >30' To 35', Add	*56.44*	
		For Elevated Installation >35' To 40', Add	*70.55*	
		For Elevated Installation >40', Add	*77.60*	
		For Work In Restricted Working Space, Add	*42.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.33*	
26 05 33 13-1025	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	639.56	102.73
		For Elevated Installation >10' To 15', Add	*20.55*	
		For Elevated Installation >15' To 20', Add	*41.10*	
		For Elevated Installation >20' To 25', Add	*51.37*	
		For Elevated Installation >25' To 30', Add	*71.92*	
		For Elevated Installation >30' To 35', Add	*82.19*	
		For Elevated Installation >35' To 40', Add	*102.74*	
		For Elevated Installation >40', Add	*113.01*	
		For Work In Restricted Working Space, Add	*61.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.64*	
26 05 33 13-1026	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	846.36	133.56
		For Elevated Installation >10' To 15', Add	*26.71*	
		For Elevated Installation >15' To 20', Add	*53.42*	
		For Elevated Installation >20' To 25', Add	*66.78*	
		For Elevated Installation >25' To 30', Add	*93.49*	
		For Elevated Installation >30' To 35', Add	*106.84*	
		For Elevated Installation >35' To 40', Add	*133.56*	
		For Elevated Installation >40', Add	*146.91*	
		For Work In Restricted Working Space, Add	*80.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.13*	
26 05 33 13-1027	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,161.31	164.38
		For Elevated Installation >10' To 15', Add	*32.88*	
		For Elevated Installation >15' To 20', Add	*65.75*	
		For Elevated Installation >20' To 25', Add	*82.19*	
		For Elevated Installation >25' To 30', Add	*115.06*	
		For Elevated Installation >30' To 35', Add	*131.50*	
		For Elevated Installation >35' To 40', Add	*164.38*	
		For Elevated Installation >40', Add	*180.81*	
		For Work In Restricted Working Space, Add	*98.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.63*	
26 05 33 13-1028	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,299.12	197.94
		For Elevated Installation >10' To 15', Add	*39.59*	
		For Elevated Installation >15' To 20', Add	*79.18*	
		For Elevated Installation >20' To 25', Add	*98.98*	
		For Elevated Installation >25' To 30', Add	*138.57*	
		For Elevated Installation >30' To 35', Add	*158.36*	
		For Elevated Installation >35' To 40', Add	*197.95*	
		For Elevated Installation >40', Add	*217.75*	
		For Work In Restricted Working Space, Add	*118.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.77*	

26 05 33 13-1029 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0826)*

26 05 33 13-1030	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	28.89	4.11
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.06*	
		For Elevated Installation >25' To 30', Add	*2.88*	
		For Elevated Installation >30' To 35', Add	*3.29*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Work In Restricted Working Space, Add	*2.47*	
26 05 33 13-1031	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	32.42	4.79
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.92*	
		For Elevated Installation >20' To 25', Add	*2.40*	
		For Elevated Installation >25' To 30', Add	*3.36*	
		For Elevated Installation >30' To 35', Add	*3.84*	
		For Elevated Installation >35' To 40', Add	*4.80*	
		For Elevated Installation >40', Add	*5.27*	
		For Work In Restricted Working Space, Add	*2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1032	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	42.28	6.17
		For Elevated Installation >10' To 15', Add	*1.23*	
		For Elevated Installation >15' To 20', Add	*2.47*	
		For Elevated Installation >20' To 25', Add	*3.08*	
		For Elevated Installation >25' To 30', Add	*4.32*	
		For Elevated Installation >30' To 35', Add	*4.93*	
		For Elevated Installation >35' To 40', Add	*6.17*	
		For Elevated Installation >40', Add	*6.78*	
		For Work In Restricted Working Space, Add	*3.70*	
26 05 33 13-1033	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	54.34	7.53
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.01*	
		For Elevated Installation >20' To 25', Add	*3.77*	
		For Elevated Installation >25' To 30', Add	*5.27*	
		For Elevated Installation >30' To 35', Add	*6.03*	
		For Elevated Installation >35' To 40', Add	*7.54*	
		For Elevated Installation >40', Add	*8.29*	
		For Work In Restricted Working Space, Add	*4.52*	
26 05 33 13-1034	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	60.88	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1035	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	75.29	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
26 05 33 13-1036	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	97.30	11.64
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.31*	
		For Elevated Installation >35' To 40', Add	*11.64*	
		For Elevated Installation >40', Add	*12.80*	
		For Work In Restricted Working Space, Add	*6.98*	
26 05 33 13-1037	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	106.90	16.43
		For Elevated Installation >10' To 15', Add	*3.29*	
		For Elevated Installation >15' To 20', Add	*6.58*	
		For Elevated Installation >20' To 25', Add	*8.22*	
		For Elevated Installation >25' To 30', Add	*11.51*	
		For Elevated Installation >30' To 35', Add	*13.15*	
		For Elevated Installation >35' To 40', Add	*16.44*	
		For Elevated Installation >40', Add	*18.08*	
		For Work In Restricted Working Space, Add	*9.86*	
26 05 33 13-1038	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	129.81	18.49
		For Elevated Installation >10' To 15', Add	*3.70*	
		For Elevated Installation >15' To 20', Add	*7.40*	
		For Elevated Installation >20' To 25', Add	*9.25*	
		For Elevated Installation >25' To 30', Add	*12.95*	
		For Elevated Installation >30' To 35', Add	*14.80*	
		For Elevated Installation >35' To 40', Add	*18.50*	
		For Elevated Installation >40', Add	*20.34*	
		For Work In Restricted Working Space, Add	*11.10*	
26 05 33 13-1039	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	139.39	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	

26 05 33 13-1040 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1041	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	139.71	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1042	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	154.87	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1043	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	180.78	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1044	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	214.43	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	
26 05 33 13-1045	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	266.00	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	
26 05 33 13-1046	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	322.28	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 33 13-1047	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	466.38	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.48*	
26 05 33 13-1048	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	598.60	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.97*	
26 05 33 13-1049	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,186.37	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1050	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,732.78	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.60*	

26 05 33 13-1051 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1052	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	235.97	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	
26 05 33 13-1053	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	254.39	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1054	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	290.52	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1055	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	325.42	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	
26 05 33 13-1056	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	393.77	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	
26 05 33 13-1057	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	443.82	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 33 13-1058	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	624.41	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1059	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	869.22	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.97*	
26 05 33 13-1060	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,264.96	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.46*	
26 05 33 13-1061	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,835.63	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.60*	

26 05 33 13-1062 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1063	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	189.63	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	
26 05 33 13-1064	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	202.50	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1065	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	232.64	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1066	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	259.78	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	
26 05 33 13-1067	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	355.55	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1068	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	446.13	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 33 13-1069	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	691.61	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.48*	
26 05 33 13-1070	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,005.95	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.97*	
26 05 33 13-1071	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,264.96	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.46*	

26 05 33 13-1072 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1073	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	249.57	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	
26 05 33 13-1074	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	277.08	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1075	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	343.01	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1076	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	422.49	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1077	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	585.44	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	
26 05 33 13-1078	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	701.64	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	

26 05 33 13-1079 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0826)*

26 05 33 13-1080	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	48.86	13.18
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Work In Restricted Working Space, Add	*7.90*	
26 05 33 13-1081	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	64.61	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.81*	
		For Elevated Installation >40', Add	*17.39*	
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-1082	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	82.21	21.08
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.43*	
		For Elevated Installation >20' To 25', Add	*10.54*	
		For Elevated Installation >25' To 30', Add	*14.75*	
		For Elevated Installation >30' To 35', Add	*16.86*	
		For Elevated Installation >35' To 40', Add	*21.08*	
		For Elevated Installation >40', Add	*23.18*	
		For Work In Restricted Working Space, Add	*12.65*	
26 05 33 13-1083	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	112.81	26.34
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Work In Restricted Working Space, Add	*15.80*	
26 05 33 13-1084	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	147.70	31.61
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.81*	
		For Elevated Installation >25' To 30', Add	*22.13*	
		For Elevated Installation >30' To 35', Add	*25.29*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.97*	
26 05 33 13-1085	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	252.38	36.88
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Work In Restricted Working Space, Add	*22.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1086	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	365.51	42.15
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Work In Restricted Working Space, Add	*25.29*	
26 05 33 13-1087	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	455.46	47.42
		For Elevated Installation >10' To 15', Add	*9.48*	
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Elevated Installation >20' To 25', Add	*23.71*	
		For Elevated Installation >25' To 30', Add	*33.19*	
		For Elevated Installation >30' To 35', Add	*37.93*	
		For Elevated Installation >35' To 40', Add	*47.42*	
		For Elevated Installation >40', Add	*52.16*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1088	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	632.83	55.32
		For Elevated Installation >10' To 15', Add	*11.06*	
		For Elevated Installation >15' To 20', Add	*22.13*	
		For Elevated Installation >20' To 25', Add	*27.66*	
		For Elevated Installation >25' To 30', Add	*38.72*	
		For Elevated Installation >30' To 35', Add	*44.26*	
		For Elevated Installation >35' To 40', Add	*55.32*	
		For Elevated Installation >40', Add	*60.85*	
		For Work In Restricted Working Space, Add	*33.19*	
26 05 33 13-1089	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	767.94	63.22
		For Elevated Installation >10' To 15', Add	*12.65*	
		For Elevated Installation >15' To 20', Add	*25.29*	
		For Elevated Installation >20' To 25', Add	*31.61*	
		For Elevated Installation >25' To 30', Add	*44.26*	
		For Elevated Installation >30' To 35', Add	*50.58*	
		For Elevated Installation >35' To 40', Add	*63.23*	
		For Elevated Installation >40', Add	*69.55*	
		For Work In Restricted Working Space, Add	*37.94*	
26 05 33 13-1090	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,228.98	100.11
		For Elevated Installation >10' To 15', Add	*20.02*	
		For Elevated Installation >15' To 20', Add	*40.04*	
		For Elevated Installation >20' To 25', Add	*50.05*	
		For Elevated Installation >25' To 30', Add	*70.07*	
		For Elevated Installation >30' To 35', Add	*80.08*	
		For Elevated Installation >35' To 40', Add	*100.10*	
		For Elevated Installation >40', Add	*110.11*	
		For Work In Restricted Working Space, Add	*60.06*	
26 05 33 13-1091	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,681.72	152.79
		For Elevated Installation >10' To 15', Add	*30.56*	
		For Elevated Installation >15' To 20', Add	*61.12*	
		For Elevated Installation >20' To 25', Add	*76.40*	
		For Elevated Installation >25' To 30', Add	*106.95*	
		For Elevated Installation >30' To 35', Add	*122.23*	
		For Elevated Installation >35' To 40', Add	*152.79*	
		For Elevated Installation >40', Add	*168.07*	
		For Work In Restricted Working Space, Add	*91.67*	

26 05 33 13-1092 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0826)*

26 05 33 13-1093	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	179.06	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1094	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	211.40	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.93*	
		For Work In Restricted Working Space, Add	*21.78*	
26 05 33 13-1095	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	233.60	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1096	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	334.40	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1097	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	439.89	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1098	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	475.52	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1099	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,116.20	91.09
		For Elevated Installation >10' To 15', Add	*18.22*	
		For Elevated Installation >15' To 20', Add	*36.44*	
		For Elevated Installation >20' To 25', Add	*45.55*	
		For Elevated Installation >25' To 30', Add	*63.77*	
		For Elevated Installation >30' To 35', Add	*72.88*	
		For Elevated Installation >35' To 40', Add	*91.10*	
		For Elevated Installation >40', Add	*100.20*	
		For Work In Restricted Working Space, Add	*54.66*	
26 05 33 13-1100	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,180.81	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.32*	
		For Elevated Installation >20' To 25', Add	*61.65*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.62*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1101	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,926.46	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.06*	
		For Elevated Installation >25' To 30', Add	*107.88*	
		For Elevated Installation >30' To 35', Add	*123.29*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.47*	
26 05 33 13-1102	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	2,009.29	187.66
		For Elevated Installation >10' To 15', Add	*37.54*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.38*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.68*	
		For Elevated Installation >40', Add	*206.45*	
		For Work In Restricted Working Space, Add	*112.61*	

26 05 33 13-1103 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0826)*

26 05 33 13-1104	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	259.69	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1105	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	295.85	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1106	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	580.49	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1107	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	609.45	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1108	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	831.69	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1109	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	887.85	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1110	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,703.66	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
26 05 33 13-1111	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,795.33	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1112	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,627.43	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1113	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,976.48	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	

26 05 33 13-1114 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1115	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	100.07	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1116	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	116.58	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1117	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	138.96	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-1118	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	163.98	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	

26 05 33 13-1119 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1120	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	79.06	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1121	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	91.37	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1122	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	126.68	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-1123	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	164.07	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-1124	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	199.76	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-1125	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	286.41	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1126	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	391.10	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	

26 05 33 13-1127 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1128	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	100.12	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1129	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	119.49	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1130	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	138.98	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1131	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow		164.03	30.14
		For Elevated Installation >10' To 15', Add		*6.03*	
		For Elevated Installation >15' To 20', Add		*12.05*	
		For Elevated Installation >20' To 25', Add		*15.07*	
		For Elevated Installation >25' To 30', Add		*21.09*	
		For Elevated Installation >30' To 35', Add		*24.11*	
		For Elevated Installation >35' To 40', Add		*30.14*	
		For Elevated Installation >40', Add		*33.15*	
		For Work In Restricted Working Space, Add		*18.08*	

26 05 33 13-1132 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1133	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		79.14	17.13
		For Elevated Installation >10' To 15', Add		*3.42*	
		For Elevated Installation >15' To 20', Add		*6.85*	
		For Elevated Installation >20' To 25', Add		*8.56*	
		For Elevated Installation >25' To 30', Add		*11.98*	
		For Elevated Installation >30' To 35', Add		*13.70*	
		For Elevated Installation >35' To 40', Add		*17.12*	
		For Elevated Installation >40', Add		*18.83*	
		For Work In Restricted Working Space, Add		*10.27*	
26 05 33 13-1134	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		91.37	21.24
		For Elevated Installation >10' To 15', Add		*4.25*	
		For Elevated Installation >15' To 20', Add		*8.49*	
		For Elevated Installation >20' To 25', Add		*10.62*	
		For Elevated Installation >25' To 30', Add		*14.86*	
		For Elevated Installation >30' To 35', Add		*16.98*	
		For Elevated Installation >35' To 40', Add		*21.23*	
		For Elevated Installation >40', Add		*23.35*	
		For Work In Restricted Working Space, Add		*12.74*	
26 05 33 13-1135	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		117.98	26.03
		For Elevated Installation >10' To 15', Add		*5.21*	
		For Elevated Installation >15' To 20', Add		*10.41*	
		For Elevated Installation >20' To 25', Add		*13.01*	
		For Elevated Installation >25' To 30', Add		*18.22*	
		For Elevated Installation >30' To 35', Add		*20.82*	
		For Elevated Installation >35' To 40', Add		*26.03*	
		For Elevated Installation >40', Add		*28.63*	
		For Work In Restricted Working Space, Add		*15.62*	
26 05 33 13-1136	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		147.18	30.14
		For Elevated Installation >10' To 15', Add		*6.03*	
		For Elevated Installation >15' To 20', Add		*12.05*	
		For Elevated Installation >20' To 25', Add		*15.07*	
		For Elevated Installation >25' To 30', Add		*21.09*	
		For Elevated Installation >30' To 35', Add		*24.11*	
		For Elevated Installation >35' To 40', Add		*30.14*	
		For Elevated Installation >40', Add		*33.15*	
		For Work In Restricted Working Space, Add		*18.08*	
26 05 33 13-1137	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		172.25	34.24
		For Elevated Installation >10' To 15', Add		*6.85*	
		For Elevated Installation >15' To 20', Add		*13.70*	
		For Elevated Installation >20' To 25', Add		*17.12*	
		For Elevated Installation >25' To 30', Add		*23.97*	
		For Elevated Installation >30' To 35', Add		*27.40*	
		For Elevated Installation >35' To 40', Add		*34.25*	
		For Elevated Installation >40', Add		*37.67*	
		For Work In Restricted Working Space, Add		*20.55*	
26 05 33 13-1138	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		198.27	37.67
		For Elevated Installation >10' To 15', Add		*7.53*	
		For Elevated Installation >15' To 20', Add		*15.07*	
		For Elevated Installation >20' To 25', Add		*18.84*	
		For Elevated Installation >25' To 30', Add		*26.37*	
		For Elevated Installation >30' To 35', Add		*30.14*	
		For Elevated Installation >35' To 40', Add		*37.67*	
		For Elevated Installation >40', Add		*41.44*	
		For Work In Restricted Working Space, Add		*22.60*	
26 05 33 13-1139	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow		368.63	47.26
		For Elevated Installation >10' To 15', Add		*9.45*	
		For Elevated Installation >15' To 20', Add		*18.90*	
		For Elevated Installation >20' To 25', Add		*23.63*	
		For Elevated Installation >25' To 30', Add		*33.08*	
		For Elevated Installation >30' To 35', Add		*37.81*	
		For Elevated Installation >35' To 40', Add		*47.26*	
		For Elevated Installation >40', Add		*51.99*	
		For Work In Restricted Working Space, Add		*28.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1140	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	423.23	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-1141	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	456.85	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-1142	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	563.99	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	

26 05 33 13-1143 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0826)*

26 05 33 13-1144	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	165.45	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.73*	
26 05 33 13-1145	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	178.95	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 05 33 13-1146	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	196.04	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.89*	
26 05 33 13-1147	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	262.71	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.00*	
26 05 33 13-1148	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	333.61	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.88*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1149		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*			
26 05 33 13-1150	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		198.74	32.88
		For Elevated Installation >10' To 15', Add		*6.58*	
		For Elevated Installation >15' To 20', Add		*13.15*	
		For Elevated Installation >20' To 25', Add		*16.44*	
		For Elevated Installation >25' To 30', Add		*23.02*	
		For Elevated Installation >30' To 35', Add		*26.30*	
		For Elevated Installation >35' To 40', Add		*32.88*	
		For Elevated Installation >40', Add		*36.17*	
		For Work In Restricted Working Space, Add		*19.73*	
26 05 33 13-1151	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		214.28	37.67
		For Elevated Installation >10' To 15', Add		*7.53*	
		For Elevated Installation >15' To 20', Add		*15.07*	
		For Elevated Installation >20' To 25', Add		*18.84*	
		For Elevated Installation >25' To 30', Add		*26.37*	
		For Elevated Installation >30' To 35', Add		*30.14*	
		For Elevated Installation >35' To 40', Add		*37.67*	
		For Elevated Installation >40', Add		*41.44*	
		For Work In Restricted Working Space, Add		*22.60*	
26 05 33 13-1152	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		250.40	43.15
		For Elevated Installation >10' To 15', Add		*8.63*	
		For Elevated Installation >15' To 20', Add		*17.26*	
		For Elevated Installation >20' To 25', Add		*21.58*	
		For Elevated Installation >25' To 30', Add		*30.21*	
		For Elevated Installation >30' To 35', Add		*34.52*	
		For Elevated Installation >35' To 40', Add		*43.15*	
		For Elevated Installation >40', Add		*47.47*	
		For Work In Restricted Working Space, Add		*25.89*	
26 05 33 13-1153	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		357.07	49.99
		For Elevated Installation >10' To 15', Add		*10.00*	
		For Elevated Installation >15' To 20', Add		*20.00*	
		For Elevated Installation >20' To 25', Add		*25.00*	
		For Elevated Installation >25' To 30', Add		*35.00*	
		For Elevated Installation >30' To 35', Add		*40.00*	
		For Elevated Installation >35' To 40', Add		*50.00*	
		For Elevated Installation >40', Add		*55.00*	
		For Work In Restricted Working Space, Add		*30.00*	
26 05 33 13-1154	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		578.11	54.80
		For Elevated Installation >10' To 15', Add		*10.96*	
		For Elevated Installation >15' To 20', Add		*21.92*	
		For Elevated Installation >20' To 25', Add		*27.40*	
		For Elevated Installation >25' To 30', Add		*38.36*	
		For Elevated Installation >30' To 35', Add		*43.84*	
		For Elevated Installation >35' To 40', Add		*54.80*	
		For Elevated Installation >40', Add		*60.27*	
		For Work In Restricted Working Space, Add		*32.88*	
26 05 33 13-1155	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover		625.14	65.76
		For Elevated Installation >10' To 15', Add		*13.15*	
		For Elevated Installation >15' To 20', Add		*26.30*	
		For Elevated Installation >20' To 25', Add		*32.88*	
		For Elevated Installation >25' To 30', Add		*46.03*	
		For Elevated Installation >30' To 35', Add		*52.60*	
		For Elevated Installation >35' To 40', Add		*65.75*	
		For Elevated Installation >40', Add		*72.33*	
		For Work In Restricted Working Space, Add		*39.45*	
26 05 33 13-1156		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*			
26 05 33 13-1157	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover		217.63	32.88
		For Elevated Installation >10' To 15', Add		*6.58*	
		For Elevated Installation >15' To 20', Add		*13.15*	
		For Elevated Installation >20' To 25', Add		*16.44*	
		For Elevated Installation >25' To 30', Add		*23.02*	
		For Elevated Installation >30' To 35', Add		*26.30*	
		For Elevated Installation >35' To 40', Add		*32.88*	
		For Elevated Installation >40', Add		*36.17*	
		For Work In Restricted Working Space, Add		*19.73*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1158		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	245.79	37.67
			For Elevated Installation >10' To 15', Add	*7.53*	
			For Elevated Installation >15' To 20', Add	*15.07*	
			For Elevated Installation >20' To 25', Add	*18.84*	
			For Elevated Installation >25' To 30', Add	*26.37*	
			For Elevated Installation >30' To 35', Add	*30.14*	
			For Elevated Installation >35' To 40', Add	*37.67*	
			For Elevated Installation >40', Add	*41.44*	
			For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1159		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	268.38	43.15
			For Elevated Installation >10' To 15', Add	*8.63*	
			For Elevated Installation >15' To 20', Add	*17.26*	
			For Elevated Installation >20' To 25', Add	*21.58*	
			For Elevated Installation >25' To 30', Add	*30.21*	
			For Elevated Installation >30' To 35', Add	*34.52*	
			For Elevated Installation >35' To 40', Add	*43.15*	
			For Elevated Installation >40', Add	*47.47*	
			For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1160		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	375.33	49.99
			For Elevated Installation >10' To 15', Add	*10.00*	
			For Elevated Installation >15' To 20', Add	*20.00*	
			For Elevated Installation >20' To 25', Add	*25.00*	
			For Elevated Installation >25' To 30', Add	*35.00*	
			For Elevated Installation >30' To 35', Add	*40.00*	
			For Elevated Installation >35' To 40', Add	*50.00*	
			For Elevated Installation >40', Add	*55.00*	
			For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1161		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	621.68	54.80
			For Elevated Installation >10' To 15', Add	*10.96*	
			For Elevated Installation >15' To 20', Add	*21.92*	
			For Elevated Installation >20' To 25', Add	*27.40*	
			For Elevated Installation >25' To 30', Add	*38.36*	
			For Elevated Installation >30' To 35', Add	*43.84*	
			For Elevated Installation >35' To 40', Add	*54.80*	
			For Elevated Installation >40', Add	*60.27*	
			For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1162		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	665.13	65.76
			For Elevated Installation >10' To 15', Add	*13.15*	
			For Elevated Installation >15' To 20', Add	*26.30*	
			For Elevated Installation >20' To 25', Add	*32.88*	
			For Elevated Installation >25' To 30', Add	*46.03*	
			For Elevated Installation >30' To 35', Add	*52.60*	
			For Elevated Installation >35' To 40', Add	*65.75*	
			For Elevated Installation >40', Add	*72.33*	
			For Work In Restricted Working Space, Add	*39.45*	

26 05 33 13-1163 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*

26 05 33 13-1164		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	217.78	32.88
			For Elevated Installation >10' To 15', Add	*6.58*	
			For Elevated Installation >15' To 20', Add	*13.15*	
			For Elevated Installation >20' To 25', Add	*16.44*	
			For Elevated Installation >25' To 30', Add	*23.02*	
			For Elevated Installation >30' To 35', Add	*26.30*	
			For Elevated Installation >35' To 40', Add	*32.88*	
			For Elevated Installation >40', Add	*36.17*	
			For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1165		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	240.21	37.67
			For Elevated Installation >10' To 15', Add	*7.53*	
			For Elevated Installation >15' To 20', Add	*15.07*	
			For Elevated Installation >20' To 25', Add	*18.84*	
			For Elevated Installation >25' To 30', Add	*26.37*	
			For Elevated Installation >30' To 35', Add	*30.14*	
			For Elevated Installation >35' To 40', Add	*37.67*	
			For Elevated Installation >40', Add	*41.44*	
			For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1166		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	285.73	43.15
			For Elevated Installation >10' To 15', Add	*8.63*	
			For Elevated Installation >15' To 20', Add	*17.26*	
			For Elevated Installation >20' To 25', Add	*21.58*	
			For Elevated Installation >25' To 30', Add	*30.21*	
			For Elevated Installation >30' To 35', Add	*34.52*	
			For Elevated Installation >35' To 40', Add	*43.15*	
			For Elevated Installation >40', Add	*47.47*	
			For Work In Restricted Working Space, Add	*25.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1167	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	389.25	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1168	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	642.45	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1169	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	690.72	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	

26 05 33 13-1170 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*

26 05 33 13-1171	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	270.07	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1172	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	298.35	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1173	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	323.54	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1174	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	811.91	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	

26 05 33 13-1175 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0826)*

Note: Excludes cover.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1176		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	130.63	32.88
			For Elevated Installation >10' To 15', Add	*6.58*	
			For Elevated Installation >15' To 20', Add	*13.15*	
			For Elevated Installation >20' To 25', Add	*16.44*	
			For Elevated Installation >25' To 30', Add	*23.02*	
			For Elevated Installation >30' To 35', Add	*26.30*	
			For Elevated Installation >35' To 40', Add	*32.88*	
			For Elevated Installation >40', Add	*36.17*	
			For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1177		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	143.72	37.67
			For Elevated Installation >10' To 15', Add	*7.53*	
			For Elevated Installation >15' To 20', Add	*15.07*	
			For Elevated Installation >20' To 25', Add	*18.84*	
			For Elevated Installation >25' To 30', Add	*26.37*	
			For Elevated Installation >30' To 35', Add	*30.14*	
			For Elevated Installation >35' To 40', Add	*37.67*	
			For Elevated Installation >40', Add	*41.44*	
			For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1178		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	160.54	43.15
			For Elevated Installation >10' To 15', Add	*8.63*	
			For Elevated Installation >15' To 20', Add	*17.26*	
			For Elevated Installation >20' To 25', Add	*21.58*	
			For Elevated Installation >25' To 30', Add	*30.21*	
			For Elevated Installation >30' To 35', Add	*34.52*	
			For Elevated Installation >35' To 40', Add	*43.15*	
			For Elevated Installation >40', Add	*47.47*	
			For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1179		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	144.81	32.88
			For Elevated Installation >10' To 15', Add	*6.58*	
			For Elevated Installation >15' To 20', Add	*13.15*	
			For Elevated Installation >20' To 25', Add	*16.44*	
			For Elevated Installation >25' To 30', Add	*23.02*	
			For Elevated Installation >30' To 35', Add	*26.30*	
			For Elevated Installation >35' To 40', Add	*32.88*	
			For Elevated Installation >40', Add	*36.17*	
			For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1180		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	156.12	37.67
			For Elevated Installation >10' To 15', Add	*7.53*	
			For Elevated Installation >15' To 20', Add	*15.07*	
			For Elevated Installation >20' To 25', Add	*18.84*	
			For Elevated Installation >25' To 30', Add	*26.37*	
			For Elevated Installation >30' To 35', Add	*30.14*	
			For Elevated Installation >35' To 40', Add	*37.67*	
			For Elevated Installation >40', Add	*41.44*	
			For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1181		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	177.77	43.15
			For Elevated Installation >10' To 15', Add	*8.63*	
			For Elevated Installation >15' To 20', Add	*17.26*	
			For Elevated Installation >20' To 25', Add	*21.58*	
			For Elevated Installation >25' To 30', Add	*30.21*	
			For Elevated Installation >30' To 35', Add	*34.52*	
			For Elevated Installation >35' To 40', Add	*43.15*	
			For Elevated Installation >40', Add	*47.47*	
			For Work In Restricted Working Space, Add	*25.89*	

26 05 33 13-1182 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0826)*

Note: Excludes cover.

26 05 33 13-1183		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	137.33	32.88
			For Elevated Installation >10' To 15', Add	*6.58*	
			For Elevated Installation >15' To 20', Add	*13.15*	
			For Elevated Installation >20' To 25', Add	*16.44*	
			For Elevated Installation >25' To 30', Add	*23.02*	
			For Elevated Installation >30' To 35', Add	*26.30*	
			For Elevated Installation >35' To 40', Add	*32.88*	
			For Elevated Installation >40', Add	*36.17*	
			For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1184		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	151.26	37.67
			For Elevated Installation >10' To 15', Add	*7.53*	
			For Elevated Installation >15' To 20', Add	*15.07*	
			For Elevated Installation >20' To 25', Add	*18.84*	
			For Elevated Installation >25' To 30', Add	*26.37*	
			For Elevated Installation >30' To 35', Add	*30.14*	
			For Elevated Installation >35' To 40', Add	*37.67*	
			For Elevated Installation >40', Add	*41.44*	
			For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1185		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	165.76	43.15
			For Elevated Installation >10' To 15', Add	*8.63*	
			For Elevated Installation >15' To 20', Add	*17.26*	
			For Elevated Installation >20' To 25', Add	*21.58*	
			For Elevated Installation >25' To 30', Add	*30.21*	
			For Elevated Installation >30' To 35', Add	*34.52*	
			For Elevated Installation >35' To 40', Add	*43.15*	
			For Elevated Installation >40', Add	*47.47*	
			For Work In Restricted Working Space, Add	*25.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1186	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	154.40	32.88
		For Elevated Installation >10' To 15', Add	*6.58*	
		For Elevated Installation >15' To 20', Add	*13.15*	
		For Elevated Installation >20' To 25', Add	*16.44*	
		For Elevated Installation >25' To 30', Add	*23.02*	
		For Elevated Installation >30' To 35', Add	*26.30*	
		For Elevated Installation >35' To 40', Add	*32.88*	
		For Elevated Installation >40', Add	*36.17*	
		For Work In Restricted Working Space, Add	*19.73*	
26 05 33 13-1187	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	168.50	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1188	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	190.51	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	

26 05 33 13-1189 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0826)*

26 05 33 13-1190	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	48.36	4.11
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.06*	
		For Elevated Installation >25' To 30', Add	*2.88*	
		For Elevated Installation >30' To 35', Add	*3.29*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Work In Restricted Working Space, Add	*2.47*	
26 05 33 13-1191	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	65.73	4.79
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.92*	
		For Elevated Installation >20' To 25', Add	*2.40*	
		For Elevated Installation >25' To 30', Add	*3.36*	
		For Elevated Installation >30' To 35', Add	*3.84*	
		For Elevated Installation >35' To 40', Add	*4.80*	
		For Elevated Installation >40', Add	*5.27*	
		For Work In Restricted Working Space, Add	*2.88*	
26 05 33 13-1192	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	62.06	4.79
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.92*	
		For Elevated Installation >20' To 25', Add	*2.40*	
		For Elevated Installation >25' To 30', Add	*3.36*	
		For Elevated Installation >30' To 35', Add	*3.84*	
		For Elevated Installation >35' To 40', Add	*4.80*	
		For Elevated Installation >40', Add	*5.27*	
		For Work In Restricted Working Space, Add	*2.88*	
26 05 33 13-1193	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	55.18	4.79
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.92*	
		For Elevated Installation >20' To 25', Add	*2.40*	
		For Elevated Installation >25' To 30', Add	*3.36*	
		For Elevated Installation >30' To 35', Add	*3.84*	
		For Elevated Installation >35' To 40', Add	*4.80*	
		For Elevated Installation >40', Add	*5.27*	
		For Work In Restricted Working Space, Add	*2.88*	
26 05 33 13-1194	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	268.46	6.85
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-1195	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	238.66	6.85
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Work In Restricted Working Space, Add	*4.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1196		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies** *(26 05 33 13-0826)*		
		Note: Includes covers.		
26 05 33 13-1197	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	281.89	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1198	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	316.69	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1199	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	436.72	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1200	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	520.40	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1201	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	751.69	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
26 05 33 13-1202	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	948.75	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1203	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,389.65	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1204	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,724.16	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
26 05 33 13-1205	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	281.89	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1206	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	316.69	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1207	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	435.52	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1208	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	508.26	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1209	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	762.87	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
26 05 33 13-1210	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	998.88	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1211	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,450.17	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1212	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,761.84	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
26 05 33 13-1213	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	281.89	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1214	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	316.69	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1215	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	435.52	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	
26 05 33 13-1216	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	508.26	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1217	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	762.87	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
26 05 33 13-1218	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	998.88	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1219	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,450.17	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1220	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,761.84	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	
26 05 33 13-1221	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	281.89	43.15
		For Elevated Installation >10' To 15', Add	*8.63*	
		For Elevated Installation >15' To 20', Add	*17.26*	
		For Elevated Installation >20' To 25', Add	*21.58*	
		For Elevated Installation >25' To 30', Add	*30.21*	
		For Elevated Installation >30' To 35', Add	*34.52*	
		For Elevated Installation >35' To 40', Add	*43.15*	
		For Elevated Installation >40', Add	*47.47*	
		For Work In Restricted Working Space, Add	*25.89*	
26 05 33 13-1222	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	316.69	49.99
		For Elevated Installation >10' To 15', Add	*10.00*	
		For Elevated Installation >15' To 20', Add	*20.00*	
		For Elevated Installation >20' To 25', Add	*25.00*	
		For Elevated Installation >25' To 30', Add	*35.00*	
		For Elevated Installation >30' To 35', Add	*40.00*	
		For Elevated Installation >35' To 40', Add	*50.00*	
		For Elevated Installation >40', Add	*55.00*	
		For Work In Restricted Working Space, Add	*30.00*	
26 05 33 13-1223	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	436.72	54.80
		For Elevated Installation >10' To 15', Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*21.92*	
		For Elevated Installation >20' To 25', Add	*27.40*	
		For Elevated Installation >25' To 30', Add	*38.36*	
		For Elevated Installation >30' To 35', Add	*43.84*	
		For Elevated Installation >35' To 40', Add	*54.80*	
		For Elevated Installation >40', Add	*60.27*	
		For Work In Restricted Working Space, Add	*32.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1224	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	514.80	65.76
		For Elevated Installation >10' To 15', Add	*13.15*	
		For Elevated Installation >15' To 20', Add	*26.30*	
		For Elevated Installation >20' To 25', Add	*32.88*	
		For Elevated Installation >25' To 30', Add	*46.03*	
		For Elevated Installation >30' To 35', Add	*52.60*	
		For Elevated Installation >35' To 40', Add	*65.75*	
		For Elevated Installation >40', Add	*72.33*	
		For Work In Restricted Working Space, Add	*39.45*	
26 05 33 13-1225	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	751.69	92.47
		For Elevated Installation >10' To 15', Add	*18.49*	
		For Elevated Installation >15' To 20', Add	*36.98*	
		For Elevated Installation >20' To 25', Add	*46.23*	
		For Elevated Installation >25' To 30', Add	*64.72*	
		For Elevated Installation >30' To 35', Add	*73.97*	
		For Elevated Installation >35' To 40', Add	*92.46*	
		For Elevated Installation >40', Add	*101.71*	
		For Work In Restricted Working Space, Add	*55.48*	
26 05 33 13-1226	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	948.75	123.28
		For Elevated Installation >10' To 15', Add	*24.66*	
		For Elevated Installation >15' To 20', Add	*49.31*	
		For Elevated Installation >20' To 25', Add	*61.64*	
		For Elevated Installation >25' To 30', Add	*86.30*	
		For Elevated Installation >30' To 35', Add	*98.63*	
		For Elevated Installation >35' To 40', Add	*123.29*	
		For Elevated Installation >40', Add	*135.61*	
		For Work In Restricted Working Space, Add	*73.97*	
26 05 33 13-1227	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,389.65	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1228	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,739.85	187.66
		For Elevated Installation >10' To 15', Add	*37.53*	
		For Elevated Installation >15' To 20', Add	*75.07*	
		For Elevated Installation >20' To 25', Add	*93.84*	
		For Elevated Installation >25' To 30', Add	*131.37*	
		For Elevated Installation >30' To 35', Add	*150.14*	
		For Elevated Installation >35' To 40', Add	*187.67*	
		For Elevated Installation >40', Add	*206.44*	
		For Work In Restricted Working Space, Add	*112.60*	

26 05 33 13-1229 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0826)*

26 05 33 13-1230	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	139.76	6.17
		For Elevated Installation >10' To 15', Add	*1.23*	
		For Elevated Installation >15' To 20', Add	*2.47*	
		For Elevated Installation >20' To 25', Add	*3.08*	
		For Elevated Installation >25' To 30', Add	*4.32*	
		For Elevated Installation >30' To 35', Add	*4.93*	
		For Elevated Installation >35' To 40', Add	*6.17*	
		For Elevated Installation >40', Add	*6.78*	
		For Work In Restricted Working Space, Add	*3.70*	
26 05 33 13-1231	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	141.13	6.85
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-1232	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	199.51	9.59
		For Elevated Installation >10' To 15', Add	*1.92*	
		For Elevated Installation >15' To 20', Add	*3.84*	
		For Elevated Installation >20' To 25', Add	*4.80*	
		For Elevated Installation >25' To 30', Add	*6.71*	
		For Elevated Installation >30' To 35', Add	*7.67*	
		For Elevated Installation >35' To 40', Add	*9.59*	
		For Elevated Installation >40', Add	*10.55*	
		For Work In Restricted Working Space, Add	*5.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1233	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	202.25	10.96
		For Elevated Installation >10' To 15', Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*4.38*	
		For Elevated Installation >20' To 25', Add	*5.48*	
		For Elevated Installation >25' To 30', Add	*7.67*	
		For Elevated Installation >30' To 35', Add	*8.77*	
		For Elevated Installation >35' To 40', Add	*10.96*	
		For Elevated Installation >40', Add	*12.06*	
		For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1234	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	353.25	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
26 05 33 13-1235	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	360.10	16.43
		For Elevated Installation >10' To 15', Add	*3.29*	
		For Elevated Installation >15' To 20', Add	*6.58*	
		For Elevated Installation >20' To 25', Add	*8.22*	
		For Elevated Installation >25' To 30', Add	*11.51*	
		For Elevated Installation >30' To 35', Add	*13.15*	
		For Elevated Installation >35' To 40', Add	*16.44*	
		For Elevated Installation >40', Add	*18.08*	
		For Work In Restricted Working Space, Add	*9.86*	
26 05 33 13-1236	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	542.21	18.49
		For Elevated Installation >10' To 15', Add	*3.70*	
		For Elevated Installation >15' To 20', Add	*7.40*	
		For Elevated Installation >20' To 25', Add	*9.25*	
		For Elevated Installation >25' To 30', Add	*12.95*	
		For Elevated Installation >30' To 35', Add	*14.80*	
		For Elevated Installation >35' To 40', Add	*18.50*	
		For Elevated Installation >40', Add	*20.34*	
		For Work In Restricted Working Space, Add	*11.10*	
26 05 33 13-1237	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	553.17	23.97
		For Elevated Installation >10' To 15', Add	*4.80*	
		For Elevated Installation >15' To 20', Add	*9.59*	
		For Elevated Installation >20' To 25', Add	*11.99*	
		For Elevated Installation >25' To 30', Add	*16.78*	
		For Elevated Installation >30' To 35', Add	*19.18*	
		For Elevated Installation >35' To 40', Add	*23.98*	
		For Elevated Installation >40', Add	*26.37*	
		For Work In Restricted Working Space, Add	*14.39*	
26 05 33 13-1238		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0826)*		
26 05 33 13-1239	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	240.84	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1240	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	284.58	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1241	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	336.88	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1242	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	414.97	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-1243	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	554.58	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-1244	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	767.59	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1245	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,096.09	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1246	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,363.05	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-1247	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,911.99	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-1248	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,203.90	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	

26 05 33 13-1249 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0826)*

26 05 33 13-1250	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	382.37	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1251	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	397.16	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1252	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	446.11	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-1253	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	539.80	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-1254	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	654.25	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-1255	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	836.21	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1256	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,234.31	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1257	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,547.76	64.38
		For Elevated Installation >10' To 15', Add	*12.88*	
		For Elevated Installation >15' To 20', Add	*25.75*	
		For Elevated Installation >20' To 25', Add	*32.19*	
		For Elevated Installation >25' To 30', Add	*45.07*	
		For Elevated Installation >30' To 35', Add	*51.50*	
		For Elevated Installation >35' To 40', Add	*64.38*	
		For Elevated Installation >40', Add	*70.82*	
		For Work In Restricted Working Space, Add	*38.63*	
26 05 33 13-1258	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,971.62	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1259	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,467.99	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	

26 05 33 13-1260 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1261	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	79.64	8.22
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.29*	
		For Elevated Installation >20' To 25', Add	*4.11*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.22*	
		For Elevated Installation >40', Add	*9.04*	
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-1262	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	86.42	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1263	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	95.13	12.33
		For Elevated Installation >10' To 15', Add	*2.47*	
		For Elevated Installation >15' To 20', Add	*4.93*	
		For Elevated Installation >20' To 25', Add	*6.17*	
		For Elevated Installation >25' To 30', Add	*8.63*	
		For Elevated Installation >30' To 35', Add	*9.86*	
		For Elevated Installation >35' To 40', Add	*12.33*	
		For Elevated Installation >40', Add	*13.56*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.40*	
26 05 33 13-1264	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	107.67	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.54*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.06*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.58*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1265	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	144.68	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1266	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	176.71	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1267	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	252.82	23.97
		For Elevated Installation >10' To 15', Add	*4.80*	
		For Elevated Installation >15' To 20', Add	*9.59*	
		For Elevated Installation >20' To 25', Add	*11.99*	
		For Elevated Installation >25' To 30', Add	*16.78*	
		For Elevated Installation >30' To 35', Add	*19.18*	
		For Elevated Installation >35' To 40', Add	*23.98*	
		For Elevated Installation >40', Add	*26.37*	
		For Work In Restricted Working Space, Add	*14.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1268	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	330.08	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1269	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	421.24	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.93*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1270	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	529.87	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	
26 05 33 13-1271	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	659.72	76.71
		For Elevated Installation >10' To 15', Add	*15.34*	
		For Elevated Installation >15' To 20', Add	*30.68*	
		For Elevated Installation >20' To 25', Add	*38.36*	
		For Elevated Installation >25' To 30', Add	*53.70*	
		For Elevated Installation >30' To 35', Add	*61.37*	
		For Elevated Installation >35' To 40', Add	*76.71*	
		For Elevated Installation >40', Add	*84.38*	
		For Work In Restricted Working Space, Add	*46.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.03*	
26 05 33 13-1272	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	994.97	115.75
		For Elevated Installation >10' To 15', Add	*23.15*	
		For Elevated Installation >15' To 20', Add	*46.30*	
		For Elevated Installation >20' To 25', Add	*57.88*	
		For Elevated Installation >25' To 30', Add	*81.03*	
		For Elevated Installation >30' To 35', Add	*92.60*	
		For Elevated Installation >35' To 40', Add	*115.75*	
		For Elevated Installation >40', Add	*127.33*	
		For Work In Restricted Working Space, Add	*69.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.45*	

26 05 33 13-1273 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1274	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	119.85	8.22
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.29*	
		For Elevated Installation >20' To 25', Add	*4.11*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.22*	
		For Elevated Installation >40', Add	*9.04*	
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-1275	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	126.91	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1276	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	136.51	12.33
		For Elevated Installation >10' To 15', Add	*2.47*	
		For Elevated Installation >15' To 20', Add	*4.93*	
		For Elevated Installation >20' To 25', Add	*6.17*	
		For Elevated Installation >25' To 30', Add	*8.63*	
		For Elevated Installation >30' To 35', Add	*9.86*	
		For Elevated Installation >35' To 40', Add	*12.33*	
		For Elevated Installation >40', Add	*13.56*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1277	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	155.93	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.54*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.06*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.58*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1278	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	167.46	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1279	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	189.40	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1280	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	288.44	23.97
		For Elevated Installation >10' To 15', Add	*4.80*	
		For Elevated Installation >15' To 20', Add	*9.59*	
		For Elevated Installation >20' To 25', Add	*11.99*	
		For Elevated Installation >25' To 30', Add	*16.78*	
		For Elevated Installation >30' To 35', Add	*19.18*	
		For Elevated Installation >35' To 40', Add	*23.98*	
		For Elevated Installation >40', Add	*26.37*	
		For Work In Restricted Working Space, Add	*14.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.39*	
26 05 33 13-1281	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	345.43	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1282	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	424.56	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.93*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1283	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	551.29	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	
26 05 33 13-1284	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	857.76	76.71
		For Elevated Installation >10' To 15', Add	*15.34*	
		For Elevated Installation >15' To 20', Add	*30.68*	
		For Elevated Installation >20' To 25', Add	*38.36*	
		For Elevated Installation >25' To 30', Add	*53.70*	
		For Elevated Installation >30' To 35', Add	*61.37*	
		For Elevated Installation >35' To 40', Add	*76.71*	
		For Elevated Installation >40', Add	*84.38*	
		For Work In Restricted Working Space, Add	*46.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1285	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,403.09	115.75
		For Elevated Installation >10' To 15', Add	*23.15*	
		For Elevated Installation >15' To 20', Add	*46.30*	
		For Elevated Installation >20' To 25', Add	*57.88*	
		For Elevated Installation >25' To 30', Add	*81.03*	
		For Elevated Installation >30' To 35', Add	*92.60*	
		For Elevated Installation >35' To 40', Add	*115.75*	
		For Elevated Installation >40', Add	*127.33*	
		For Work In Restricted Working Space, Add	*69.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.45*	

26 05 33 13-1286 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1287	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	128.79	8.22
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.29*	
		For Elevated Installation >20' To 25', Add	*4.11*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.22*	
		For Elevated Installation >40', Add	*9.04*	
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-1288	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	135.40	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1289	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	145.38	12.33
		For Elevated Installation >10' To 15', Add	*2.47*	
		For Elevated Installation >15' To 20', Add	*4.93*	
		For Elevated Installation >20' To 25', Add	*6.17*	
		For Elevated Installation >25' To 30', Add	*8.63*	
		For Elevated Installation >30' To 35', Add	*9.86*	
		For Elevated Installation >35' To 40', Add	*12.33*	
		For Elevated Installation >40', Add	*13.56*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.40*	
26 05 33 13-1290	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	182.85	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.54*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.06*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.58*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1291	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	199.96	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1292	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	211.83	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	

26 05 33 13-1293 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0826)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1294	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	96.27	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1295	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	105.62	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1296	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	136.72	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-1297	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	196.54	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-1298	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	232.86	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-1299	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	294.39	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	
26 05 33 13-1300	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	391.08	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1301	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	503.36	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1302	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	652.34	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1303	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	840.21	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-1304	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,525.34	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1305	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,912.59	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	
26 05 33 13-1306		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0826)*		
26 05 33 13-1307	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	98.36	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-1308	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	113.60	21.24
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.49*	
		For Elevated Installation >20' To 25', Add	*10.62*	
		For Elevated Installation >25' To 30', Add	*14.86*	
		For Elevated Installation >30' To 35', Add	*16.98*	
		For Elevated Installation >35' To 40', Add	*21.23*	
		For Elevated Installation >40', Add	*23.35*	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-1309	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	140.98	26.03
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.41*	
		For Elevated Installation >20' To 25', Add	*13.01*	
		For Elevated Installation >25' To 30', Add	*18.22*	
		For Elevated Installation >30' To 35', Add	*20.82*	
		For Elevated Installation >35' To 40', Add	*26.03*	
		For Elevated Installation >40', Add	*28.63*	
		For Work In Restricted Working Space, Add	*15.62*	
26 05 33 13-1310	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	204.35	30.14
		For Elevated Installation >10' To 15', Add	*6.03*	
		For Elevated Installation >15' To 20', Add	*12.05*	
		For Elevated Installation >20' To 25', Add	*15.07*	
		For Elevated Installation >25' To 30', Add	*21.09*	
		For Elevated Installation >30' To 35', Add	*24.11*	
		For Elevated Installation >35' To 40', Add	*30.14*	
		For Elevated Installation >40', Add	*33.15*	
		For Work In Restricted Working Space, Add	*18.08*	
26 05 33 13-1311	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	243.70	34.24
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-1312	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	317.80	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1313	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	441.16	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1314	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	554.29	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1315	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	744.42	72.60
		For Elevated Installation >10' To 15', Add	*14.52*	
		For Elevated Installation >15' To 20', Add	*29.04*	
		For Elevated Installation >20' To 25', Add	*36.30*	
		For Elevated Installation >25' To 30', Add	*50.82*	
		For Elevated Installation >30' To 35', Add	*58.08*	
		For Elevated Installation >35' To 40', Add	*72.60*	
		For Elevated Installation >40', Add	*79.86*	
		For Work In Restricted Working Space, Add	*43.56*	
26 05 33 13-1316	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	931.95	94.52
		For Elevated Installation >10' To 15', Add	*18.90*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.26*	
		For Elevated Installation >25' To 30', Add	*66.16*	
		For Elevated Installation >30' To 35', Add	*75.61*	
		For Elevated Installation >35' To 40', Add	*94.52*	
		For Elevated Installation >40', Add	*103.97*	
		For Work In Restricted Working Space, Add	*56.71*	
26 05 33 13-1317	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,693.51	154.10
		For Elevated Installation >10' To 15', Add	*30.82*	
		For Elevated Installation >15' To 20', Add	*61.64*	
		For Elevated Installation >20' To 25', Add	*77.05*	
		For Elevated Installation >25' To 30', Add	*107.87*	
		For Elevated Installation >30' To 35', Add	*123.28*	
		For Elevated Installation >35' To 40', Add	*154.11*	
		For Elevated Installation >40', Add	*169.52*	
		For Work In Restricted Working Space, Add	*92.46*	
26 05 33 13-1318	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	2,184.13	231.50
		For Elevated Installation >10' To 15', Add	*46.30*	
		For Elevated Installation >15' To 20', Add	*92.60*	
		For Elevated Installation >20' To 25', Add	*115.75*	
		For Elevated Installation >25' To 30', Add	*162.05*	
		For Elevated Installation >30' To 35', Add	*185.20*	
		For Elevated Installation >35' To 40', Add	*231.50*	
		For Elevated Installation >40', Add	*254.65*	
		For Work In Restricted Working Space, Add	*138.90*	

26 05 33 13-1319 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0826)*

26 05 33 13-1320	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	52.92	5.47
		For Elevated Installation >10' To 15', Add	*1.10*	
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Elevated Installation >20' To 25', Add	*2.74*	
		For Elevated Installation >25' To 30', Add	*3.84*	
		For Elevated Installation >30' To 35', Add	*4.38*	
		For Elevated Installation >35' To 40', Add	*5.48*	
		For Elevated Installation >40', Add	*6.03*	
		For Work In Restricted Working Space, Add	*3.29*	
26 05 33 13-1321	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	58.19	6.85
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-1322	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	66.02	6.85
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Elevated Installation >20' To 25', Add	*3.43*	
		For Elevated Installation >25' To 30', Add	*4.80*	
		For Elevated Installation >30' To 35', Add	*5.48*	
		For Elevated Installation >35' To 40', Add	*6.85*	
		For Elevated Installation >40', Add	*7.54*	
		For Work In Restricted Working Space, Add	*4.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1323	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	81.45	7.53
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.01*	
		For Elevated Installation >20' To 25', Add	*3.77*	
		For Elevated Installation >25' To 30', Add	*5.27*	
		For Elevated Installation >30' To 35', Add	*6.03*	
		For Elevated Installation >35' To 40', Add	*7.54*	
		For Elevated Installation >40', Add	*8.29*	
		For Work In Restricted Working Space, Add	*4.52*	
26 05 33 13-1324	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	85.97	7.53
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.01*	
		For Elevated Installation >20' To 25', Add	*3.77*	
		For Elevated Installation >25' To 30', Add	*5.27*	
		For Elevated Installation >30' To 35', Add	*6.03*	
		For Elevated Installation >35' To 40', Add	*7.54*	
		For Elevated Installation >40', Add	*8.29*	
		For Work In Restricted Working Space, Add	*4.52*	
26 05 33 13-1325	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	74.22	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1326	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	84.31	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1327	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	129.71	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1328	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	144.24	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
26 05 33 13-1329	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	140.33	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
26 05 33 13-1330	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	147.61	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
26 05 33 13-1331	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	165.92	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1332	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	165.12	12.33
		For Elevated Installation >10' To 15', Add	*2.47*	
		For Elevated Installation >15' To 20', Add	*4.93*	
		For Elevated Installation >20' To 25', Add	*6.17*	
		For Elevated Installation >25' To 30', Add	*8.63*	
		For Elevated Installation >30' To 35', Add	*9.86*	
		For Elevated Installation >35' To 40', Add	*12.33*	
		For Elevated Installation >40', Add	*13.56*	
		For Work In Restricted Working Space, Add	*7.40*	
26 05 33 13-1333	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	210.76	17.13
		For Elevated Installation >10' To 15', Add	*3.43*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.99*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.13*	
		For Elevated Installation >40', Add	*18.84*	
		For Work In Restricted Working Space, Add	*10.28*	
26 05 33 13-1334	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	309.51	19.86
		For Elevated Installation >10' To 15', Add	*3.97*	
		For Elevated Installation >15' To 20', Add	*7.95*	
		For Elevated Installation >20' To 25', Add	*9.93*	
		For Elevated Installation >25' To 30', Add	*13.91*	
		For Elevated Installation >30' To 35', Add	*15.89*	
		For Elevated Installation >35' To 40', Add	*19.87*	
		For Elevated Installation >40', Add	*21.85*	
		For Work In Restricted Working Space, Add	*11.92*	
26 05 33 13-1335	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	414.23	27.39
		For Elevated Installation >10' To 15', Add	*5.48*	
		For Elevated Installation >15' To 20', Add	*10.96*	
		For Elevated Installation >20' To 25', Add	*13.70*	
		For Elevated Installation >25' To 30', Add	*19.18*	
		For Elevated Installation >30' To 35', Add	*21.92*	
		For Elevated Installation >35' To 40', Add	*27.40*	
		For Elevated Installation >40', Add	*30.14*	
		For Work In Restricted Working Space, Add	*16.44*	
26 05 33 13-1336	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	518.50	37.67
		For Elevated Installation >10' To 15', Add	*7.53*	
		For Elevated Installation >15' To 20', Add	*15.07*	
		For Elevated Installation >20' To 25', Add	*18.84*	
		For Elevated Installation >25' To 30', Add	*26.37*	
		For Elevated Installation >30' To 35', Add	*30.14*	
		For Elevated Installation >35' To 40', Add	*37.67*	
		For Elevated Installation >40', Add	*41.44*	
		For Work In Restricted Working Space, Add	*22.60*	

26 05 33 13-1337 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0826)*

26 05 33 13-1338	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	34.02	8.22
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.29*	
		For Elevated Installation >20' To 25', Add	*4.11*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.22*	
		For Elevated Installation >40', Add	*9.04*	
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-1339	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.47	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1340	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.94	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1341	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.40	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.54*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.06*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.58*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1342	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.27	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1343	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.66	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1344	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.87	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1345	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.37	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1346	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.98	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.54*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.06*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.58*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1347	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.04	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1348	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.35	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1349	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.83	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1350	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.04	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1351	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.68	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1352	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.30	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1353	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.37	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1354	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.21	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1355	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.11	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1356	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.32	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1357	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.14	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1358	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.70	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1359	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.91	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1360	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	69.91	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1361	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	96.66	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1362	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	125.67	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1363	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.28	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1364	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.64	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1365	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.47	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1366	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.09	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1367	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.45	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1368	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	72.60	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1369	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	99.04	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1370	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	130.79	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1371	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	155.41	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1372	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	183.12	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1373	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.59	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1374	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.97	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1375	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.83	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1376	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.74	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1377	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	65.12	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1378	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.06	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1379	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	108.51	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1380	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	138.45	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1381	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	157.05	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1382	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	187.50	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-1383	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	274.77	65.06
		For Elevated Installation >10' To 15', Add	*13.01*	
		For Elevated Installation >15' To 20', Add	*26.03*	
		For Elevated Installation >20' To 25', Add	*32.53*	
		For Elevated Installation >25' To 30', Add	*45.55*	
		For Elevated Installation >30' To 35', Add	*52.05*	
		For Elevated Installation >35' To 40', Add	*65.07*	
		For Elevated Installation >40', Add	*71.57*	
		For Work In Restricted Working Space, Add	*39.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.04*	
26 05 33 13-1384	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.20	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1385	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.57	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1386	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.48	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1387	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.94	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1388	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.57	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1389	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	75.53	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1390	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	118.12	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1391	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	148.64	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1392	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	166.23	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1393	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	202.98	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-1394	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	297.91	65.06
		For Elevated Installation >10' To 15', Add	*13.01*	
		For Elevated Installation >15' To 20', Add	*26.03*	
		For Elevated Installation >20' To 25', Add	*32.53*	
		For Elevated Installation >25' To 30', Add	*45.55*	
		For Elevated Installation >30' To 35', Add	*52.05*	
		For Elevated Installation >35' To 40', Add	*65.07*	
		For Elevated Installation >40', Add	*71.57*	
		For Work In Restricted Working Space, Add	*39.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.04*	
26 05 33 13-1395	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.13	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1396	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.49	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1397	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.92	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1398	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.25	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1399	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	69.50	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1400	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	82.69	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1401	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.94	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1402	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	162.58	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1403	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	189.20	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1404	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	226.22	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1405	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	313.77	65.06
		For Elevated Installation >10' To 15', Add	*13.01*	
		For Elevated Installation >15' To 20', Add	*26.03*	
		For Elevated Installation >20' To 25', Add	*32.53*	
		For Elevated Installation >25' To 30', Add	*45.55*	
		For Elevated Installation >30' To 35', Add	*52.05*	
		For Elevated Installation >35' To 40', Add	*65.07*	
		For Elevated Installation >40', Add	*71.57*	
		For Work In Restricted Working Space, Add	*39.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.04*	
26 05 33 13-1406	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.12	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1407	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.45	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1408	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.34	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1409	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	65.58	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 33 13-1410	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	76.47	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1411	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	93.22	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1412	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	142.44	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1413	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	180.44	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1414	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	213.33	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1415	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	266.88	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-1416	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	345.43	65.06
		For Elevated Installation >10' To 15', Add	*13.01*	
		For Elevated Installation >15' To 20', Add	*26.03*	
		For Elevated Installation >20' To 25', Add	*32.53*	
		For Elevated Installation >25' To 30', Add	*45.55*	
		For Elevated Installation >30' To 35', Add	*52.05*	
		For Elevated Installation >35' To 40', Add	*65.07*	
		For Elevated Installation >40', Add	*71.57*	
		For Work In Restricted Working Space, Add	*39.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.04*	
26 05 33 13-1417	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.13	8.90
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Elevated Installation >20' To 25', Add	*4.45*	
		For Elevated Installation >25' To 30', Add	*6.23*	
		For Elevated Installation >30' To 35', Add	*7.12*	
		For Elevated Installation >35' To 40', Add	*8.91*	
		For Elevated Installation >40', Add	*9.80*	
		For Work In Restricted Working Space, Add	*5.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.34*	
26 05 33 13-1418	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.58	10.28
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 05 33 13-1419	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.95	13.01
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.21*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.02*	
		For Elevated Installation >40', Add	*14.32*	
		For Work In Restricted Working Space, Add	*7.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-1420	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	72.69	15.07
		For Elevated Installation >10' To 15', Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*6.03*	
		For Elevated Installation >20' To 25', Add	*7.53*	
		For Elevated Installation >25' To 30', Add	*10.55*	
		For Elevated Installation >30' To 35', Add	*12.05*	
		For Elevated Installation >35' To 40', Add	*15.07*	
		For Elevated Installation >40', Add	*16.57*	
		For Work In Restricted Working Space, Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1421	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	84.90	17.13
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.56*	
		For Elevated Installation >25' To 30', Add	*11.98*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.12*	
		For Elevated Installation >40', Add	*18.83*	
		For Work In Restricted Working Space, Add	*10.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1422	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	101.68	19.18
		For Elevated Installation >10' To 15', Add	*3.84*	
		For Elevated Installation >15' To 20', Add	*7.67*	
		For Elevated Installation >20' To 25', Add	*9.59*	
		For Elevated Installation >25' To 30', Add	*13.42*	
		For Elevated Installation >30' To 35', Add	*15.34*	
		For Elevated Installation >35' To 40', Add	*19.18*	
		For Elevated Installation >40', Add	*21.09*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.51*	
26 05 33 13-1423	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	159.12	23.28
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Work In Restricted Working Space, Add	*13.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-1424	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	207.21	32.19
		For Elevated Installation >10' To 15', Add	*6.44*	
		For Elevated Installation >15' To 20', Add	*12.88*	
		For Elevated Installation >20' To 25', Add	*16.10*	
		For Elevated Installation >25' To 30', Add	*22.53*	
		For Elevated Installation >30' To 35', Add	*25.75*	
		For Elevated Installation >35' To 40', Add	*32.19*	
		For Elevated Installation >40', Add	*35.41*	
		For Work In Restricted Working Space, Add	*19.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.31*	
26 05 33 13-1425	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	228.14	36.30
		For Elevated Installation >10' To 15', Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*14.52*	
		For Elevated Installation >20' To 25', Add	*18.15*	
		For Elevated Installation >25' To 30', Add	*25.41*	
		For Elevated Installation >30' To 35', Add	*29.04*	
		For Elevated Installation >35' To 40', Add	*36.30*	
		For Elevated Installation >40', Add	*39.92*	
		For Work In Restricted Working Space, Add	*21.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.78*	
26 05 33 13-1426	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	279.36	47.26
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.90*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.08*	
		For Elevated Installation >30' To 35', Add	*37.80*	
		For Elevated Installation >35' To 40', Add	*47.26*	
		For Elevated Installation >40', Add	*51.98*	
		For Work In Restricted Working Space, Add	*28.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.35*	
26 05 33 13-1427	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	349.95	65.06
		For Elevated Installation >10' To 15', Add	*13.01*	
		For Elevated Installation >15' To 20', Add	*26.03*	
		For Elevated Installation >20' To 25', Add	*32.53*	
		For Elevated Installation >25' To 30', Add	*45.55*	
		For Elevated Installation >30' To 35', Add	*52.05*	
		For Elevated Installation >35' To 40', Add	*65.07*	
		For Elevated Installation >40', Add	*71.57*	
		For Work In Restricted Working Space, Add	*39.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.04*	

26 05 33 13-1428 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1429 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1428)*

Note: Includes field bend conduit up to 1".

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1430	LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	6.28	2.11
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-1431	LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	7.15	2.32
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.74*	
26 05 33 13-1432	LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling	8.25	2.53
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.95*	
		For Work In Restricted Working Space, Add	*1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1433	LF	1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	9.37	2.74
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-1434	LF	1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	10.51	2.95
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
		For Work In Restricted Working Space, Add	*2.21*	
26 05 33 13-1435	LF	2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	12.62	3.37
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.26*	
		For Work In Restricted Working Space, Add	*2.53*	
26 05 33 13-1436	LF	2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	17.16	4.21
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.16*	
26 05 33 13-1437	LF	3" Aluminum Rigid Conduit (ARC) With Threaded Coupling	21.34	5.05
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.90*	
		For Work In Restricted Working Space, Add	*3.79*	
26 05 33 13-1438	LF	3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	26.24	6.33
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.37*	
		For Work In Restricted Working Space, Add	*4.74*	
26 05 33 13-1439	LF	4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	32.38	8.01
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.00*	
		For Work In Restricted Working Space, Add	*6.01*	
26 05 33 13-1440	LF	5" Aluminum Rigid Conduit (ARC) With Threaded Coupling	42.98	10.12
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.79*	
		For Work In Restricted Working Space, Add	*7.59*	
26 05 33 13-1441	LF	6" Aluminum Rigid Conduit (ARC) With Threaded Coupling	54.89	12.64
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.74*	
		For Work In Restricted Working Space, Add	*9.48*	

26 05 33 13-1442 Aluminum 90 Degree Elbows *(26 05 33 13-1428)*

26 05 33 13-1443	EA	1" Aluminum 90 Degree Elbow	38.17	10.96
		For Work In Restricted Working Space, Add	*8.22*	
26 05 33 13-1444	EA	1-1/4" Aluminum 90 Degree Elbow	48.20	12.43
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-1445	EA	1-1/2" Aluminum 90 Degree Elbow	58.61	14.33
		For Work In Restricted Working Space, Add	*10.75*	
26 05 33 13-1446	EA	2" Aluminum 90 Degree Elbow	74.63	16.43
		For Work In Restricted Working Space, Add	*12.33*	
26 05 33 13-1447	EA	2-1/2" Aluminum 90 Degree Elbow	106.57	20.02
		For Work In Restricted Working Space, Add	*15.02*	
26 05 33 13-1448	EA	3" Aluminum 90 Degree Elbow	152.10	25.92
		For Work In Restricted Working Space, Add	*19.44*	
26 05 33 13-1449	EA	3-1/2" Aluminum 90 Degree Elbow	208.86	29.08
		For Work In Restricted Working Space, Add	*21.81*	
26 05 33 13-1450	EA	4" Aluminum 90 Degree Elbow	252.58	36.46
		For Work In Restricted Working Space, Add	*27.34*	
26 05 33 13-1451	EA	5" Aluminum 90 Degree Elbow	625.93	59.43
		For Work In Restricted Working Space, Add	*44.57*	
26 05 33 13-1452	EA	6" Aluminum 90 Degree Elbow	883.84	89.36
		For Work In Restricted Working Space, Add	*67.02*	

26 05 33 13-1453 Aluminum Bushing Set With Locknut *(26 05 33 13-1428)*

26 05 33 13-1454	EA	1/2" Aluminum Bushing Set With Locknut	11.36	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-1455	EA	3/4" Aluminum Bushing Set With Locknut	17.00	5.47
		For Work In Restricted Working Space, Add	*4.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-1456	EA	1" Aluminum Bushing Set With Locknut	17.38	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-1457	EA	1-1/4" Aluminum Bushing Set With Locknut	19.56	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-1458	EA	1-1/2" Aluminum Bushing Set With Locknut	23.94	9.27
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-1459	EA	2" Aluminum Bushing Set With Locknut	29.17	11.17
		For Work In Restricted Working Space, Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.38*	
26 05 33 13-1460	EA	2-1/2" Aluminum Bushing Set With Locknut	35.74	13.28
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1461	EA	3" Aluminum Bushing Set With Locknut	41.71	15.17
		For Work In Restricted Working Space, Add	*11.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 05 33 13-1462	EA	3-1/2" Aluminum Bushing Set With Locknut	45.11	16.43
		For Work In Restricted Working Space, Add	*12.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.33*	
26 05 33 13-1463	EA	4" Aluminum Bushing Set With Locknut	49.09	17.71
		For Work In Restricted Working Space, Add	*13.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1464		EA	5" Aluminum Bushing Set With Locknut	65.06	23.60
			For Work In Restricted Working Space, Add	*17.70*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.70*	
26 05 33 13-1465		EA	6" Aluminum Bushing Set With Locknut	96.82	35.40
			For Work In Restricted Working Space, Add	*26.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.56*	

26 05 33 13-1466 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1467 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-1466)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1468		LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	4.70	1.60
			For Schedule 60, Add	*0.37*	
			For Schedule 80, Add	*0.64*	
26 05 33 13-1469		LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.33	1.76
			For Schedule 60, Add	*0.45*	
			For Schedule 80, Add	*0.76*	
26 05 33 13-1470		LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.52	2.05
			For Schedule 60, Add	*0.60*	
			For Schedule 80, Add	*1.00*	
26 05 33 13-1471		LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	7.70	2.34
			For Schedule 60, Add	*0.75*	
			For Schedule 80, Add	*1.23*	
26 05 33 13-1472		LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.05	2.73
			For Schedule 60, Add	*0.89*	
			For Schedule 80, Add	*1.46*	
26 05 33 13-1473		LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	10.72	3.14
			For Schedule 60, Add	*1.12*	
			For Schedule 80, Add	*1.80*	
26 05 33 13-1474		LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	13.92	3.72
			For Schedule 60, Add	*1.62*	
			For Schedule 80, Add	*2.55*	
26 05 33 13-1475		LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	16.27	4.31
			For Schedule 60, Add	*1.92*	
			For Schedule 80, Add	*3.00*	
26 05 33 13-1476		LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	19.76	5.09
			For Schedule 60, Add	*2.40*	
			For Schedule 80, Add	*3.74*	
26 05 33 13-1477		LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	23.40	6.26
			For Schedule 60, Add	*2.72*	
			For Schedule 80, Add	*4.28*	
26 05 33 13-1478		LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	33.32	8.81
			For Schedule 60, Add	*3.93*	
			For Schedule 80, Add	*6.16*	
26 05 33 13-1479		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	44.27	11.74
			For Schedule 60, Add	*5.20*	
			For Schedule 80, Add	*8.16*	

26 05 33 13-1480 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-1466)*

See CSI section 26 05 33 13-2258 for conduit field bending.

26 05 33 13-1481		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	21.38	7.82
			For Schedule 60, Add	*1.43*	
			For Schedule 80, Add	*2.59*	
26 05 33 13-1482		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	23.68	8.62
			For Schedule 60, Add	*1.61*	
			For Schedule 80, Add	*2.91*	
26 05 33 13-1483		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	27.84	9.79
			For Schedule 60, Add	*2.07*	
			For Schedule 80, Add	*3.63*	
26 05 33 13-1484		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	36.20	12.52
			For Schedule 60, Add	*2.79*	
			For Schedule 80, Add	*4.84*	
26 05 33 13-1485		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	45.77	15.66
			For Schedule 60, Add	*3.61*	
			For Schedule 80, Add	*6.23*	
26 05 33 13-1486		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	58.01	19.57
			For Schedule 60, Add	*4.72*	
			For Schedule 80, Add	*8.07*	
26 05 33 13-1487		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	75.00	23.48
			For Schedule 60, Add	*7.01*	
			For Schedule 80, Add	*11.57*	
26 05 33 13-1488		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2258 for conduit field bending.	95.32	27.40
			For Schedule 60, Add	*10.13*	
			For Schedule 80, Add	*16.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1489	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	120.57	33.27
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*13.51*	
		For Schedule 80, Add	*21.41*	
26 05 33 13-1490	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	145.99	39.14
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*16.93*	
		For Schedule 80, Add	*26.63*	
26 05 33 13-1491	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	206.73	48.93
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*27.22*	
		For Schedule 80, Add	*41.78*	
26 05 33 13-1492	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	254.44	58.71
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*34.25*	
		For Schedule 80, Add	*52.36*	

26 05 33 13-1493 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-1466)*

See CSI section 26 05 33 13-2258 for conduit field bending.

26 05 33 13-1494	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	21.38	7.82
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*1.43*	
		For Schedule 80, Add	*2.59*	
26 05 33 13-1495	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	23.54	8.62
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*1.58*	
		For Schedule 80, Add	*2.86*	
26 05 33 13-1496	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	27.66	9.79
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*2.02*	
		For Schedule 80, Add	*3.57*	
26 05 33 13-1497	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	35.66	12.52
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*2.65*	
		For Schedule 80, Add	*4.65*	
26 05 33 13-1498	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	44.55	15.66
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*3.31*	
		For Schedule 80, Add	*5.81*	
26 05 33 13-1499	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	57.36	19.57
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*4.55*	
		For Schedule 80, Add	*7.84*	
26 05 33 13-1500	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	73.79	23.48
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*6.71*	
		For Schedule 80, Add	*11.15*	
26 05 33 13-1501	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	93.79	27.40
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*9.75*	
		For Schedule 80, Add	*15.70*	
26 05 33 13-1502	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	116.26	33.27
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*12.43*	
		For Schedule 80, Add	*19.90*	
26 05 33 13-1503	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	142.28	39.14
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*16.00*	
		For Schedule 80, Add	*25.34*	
26 05 33 13-1504	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	201.93	48.93
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*26.02*	
		For Schedule 80, Add	*40.10*	
26 05 33 13-1505	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	240.14	58.71
		See CSI section 26 05 33 13-2258 for conduit field bending.		
		For Schedule 60, Add	*30.68*	
		For Schedule 80, Add	*47.35*	

26 05 33 13-1506 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-1466)*

26 05 33 13-1507	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	14.53	5.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-1508	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	16.78	6.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1509	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	19.16	7.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.28*	
26 05 33 13-1510	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	21.70	7.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.87*	
26 05 33 13-1511	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	26.76	9.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 33 13-1512	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	32.59	11.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.81*	
26 05 33 13-1513	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	45.24	15.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1514	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	57.28	19.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.68*	
26 05 33 13-1515	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	74.23	25.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.08*	
26 05 33 13-1516	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	89.33	31.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.48*	
26 05 33 13-1517	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	120.02	39.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.36*	
26 05 33 13-1518	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	149.03	48.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.69*	

26 05 33 13-1519 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-1466)*

26 05 33 13-1520	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	18.68	4.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-1521	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	21.10	5.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-1522	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	23.57	6.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1523	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	28.48	7.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.28*	
26 05 33 13-1524	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	31.74	7.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.87*	
26 05 33 13-1525	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	38.40	9.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.75*	
26 05 33 13-1526	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	42.86	10.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.63*	
26 05 33 13-1527	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	48.28	11.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.81*	
26 05 33 13-1528	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	57.44	13.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1529	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	62.70	15.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-1530	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	80.82	17.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.21*	
26 05 33 13-1531	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	90.97	19.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.68*	

26 05 33 13-1532 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1466)*

26 05 33 13-1533	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	15.75	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.52*	
26 05 33 13-1534	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	19.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 33 13-1535	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	21.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-1536	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	24.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.70*	
26 05 33 13-1537	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	26.46	9.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 33 13-1538	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	32.18	11.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.81*	
26 05 33 13-1539	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	44.42	15.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-1540	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	56.13	19.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.68*	
26 05 33 13-1541	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	72.77	25.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.08*	
26 05 33 13-1542	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	87.83	31.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.48*	
26 05 33 13-1543	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	117.06	39.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.36*	
26 05 33 13-1544	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	145.48	48.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.69*	

26 05 33 13-1545 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1466)*

26 05 33 13-1546	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	47.08	15.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-1547	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	55.25	17.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.21*	
26 05 33 13-1548	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	61.33	19.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.68*	
26 05 33 13-1549	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	76.43	23.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.61*	
26 05 33 13-1550	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	94.09	29.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.01*	
26 05 33 13-1551	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	124.78	35.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.42*	
26 05 33 13-1552	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	236.51	39.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1553	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	251.09	43.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.29*	
26 05 33 13-1554	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	270.50	48.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.69*	
26 05 33 13-1555	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	299.65	56.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.56*	

26 05 33 13-1556 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1466)*

26 05 33 13-1557	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	63.24	21.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-1558	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	71.16	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-1559	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	76.68	25.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 05 33 13-1560	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	98.14	29.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-1561	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	118.32	35.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.87*	
26 05 33 13-1562	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	147.30	42.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	

26 05 33 13-1563 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1466)*

26 05 33 13-1564	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	117.11	19.57
26 05 33 13-1565	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	128.58	23.48
26 05 33 13-1566	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	141.09	27.40
26 05 33 13-1567	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	152.57	31.31
26 05 33 13-1568	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	163.61	35.22
26 05 33 13-1569	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	177.83	39.14
26 05 33 13-1570	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	220.76	45.01
26 05 33 13-1571	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	267.71	50.88
26 05 33 13-1572	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	314.26	58.71
26 05 33 13-1573	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	375.26	68.50
26 05 33 13-1574	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	504.45	82.19
26 05 33 13-1575	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	665.97	105.67

26 05 33 13-1576 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1466)*

26 05 33 13-1577	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	13.35	3.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1578	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	15.69	4.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-1579	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	17.96	5.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-1580	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	21.79	6.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1581	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	25.67	7.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.28*	
26 05 33 13-1582	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	30.79	7.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.87*	
26 05 33 13-1583	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	46.46	9.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.75*	
26 05 33 13-1584	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	50.52	10.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.63*	
26 05 33 13-1585	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	66.46	11.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.51*	
26 05 33 13-1586	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	82.21	12.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.10*	
26 05 33 13-1587	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	95.59	13.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.27*	
26 05 33 13-1588	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	122.83	15.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	

26 05 33 13-1589 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-1466)*

26 05 33 13-1590	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	122.99	35.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.42*	
26 05 33 13-1591	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	129.24	23.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.61*	
26 05 33 13-1592	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	314.06	39.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.36*	
26 05 33 13-1593	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	612.34	56.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.56*	

26 05 33 13-1594 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-0058)*

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1595		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit** *(26 05 33 13-1594)*			
26 05 33 13-1596	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		9.70	1.60
26 05 33 13-1597	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		10.83	1.76
26 05 33 13-1598	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		11.93	2.03
26 05 33 13-1599	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		13.03	2.34
26 05 33 13-1600	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		14.59	2.73
26 05 33 13-1601	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		15.77	3.14
26 05 33 13-1602	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		18.82	3.72
26 05 33 13-1603	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		22.19	4.31
26 05 33 13-1604	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		25.58	5.09
26 05 33 13-1605	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		29.94	6.26
26 05 33 13-1606	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		39.86	8.81
26 05 33 13-1607	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit		51.67	11.74
26 05 33 13-1608		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1594)*			
26 05 33 13-1609	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		125.00	7.82
		For 24" Radius, Add		*8.89*	
		For 36" Radius, Add		*12.50*	
		For 48" Radius, Add		*16.11*	
26 05 33 13-1610	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		139.56	8.62
		For 24" Radius, Add		*9.93*	
		For 36" Radius, Add		*13.96*	
		For 48" Radius, Add		*17.98*	
26 05 33 13-1611	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		143.69	9.79
		For 24" Radius, Add		*10.17*	
		For 36" Radius, Add		*14.37*	
		For 48" Radius, Add		*18.57*	
26 05 33 13-1612	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		151.70	12.52
		For 24" Radius, Add		*10.59*	
		For 36" Radius, Add		*15.17*	
		For 48" Radius, Add		*19.75*	
26 05 33 13-1613	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		160.73	15.66
		For 24" Radius, Add		*11.08*	
		For 36" Radius, Add		*16.07*	
		For 48" Radius, Add		*21.07*	
26 05 33 13-1614	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		187.29	19.57
		For 24" Radius, Add		*12.82*	
		For 36" Radius, Add		*18.73*	
		For 48" Radius, Add		*24.63*	
26 05 33 13-1615	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		224.31	23.48
		For 24" Radius, Add		*15.36*	
		For 36" Radius, Add		*22.43*	
		For 48" Radius, Add		*29.51*	
26 05 33 13-1616	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		267.22	27.40
		For 24" Radius, Add		*18.33*	
		For 36" Radius, Add		*26.72*	
		For 48" Radius, Add		*35.12*	
26 05 33 13-1617	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		306.73	33.27
		For 24" Radius, Add		*20.93*	
		For 36" Radius, Add		*30.67*	
		For 48" Radius, Add		*40.42*	
26 05 33 13-1618	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		346.25	39.14
		For 24" Radius, Add		*23.52*	
		For 36" Radius, Add		*34.63*	
		For 48" Radius, Add		*45.73*	
26 05 33 13-1619	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		432.81	48.93
		For 24" Radius, Add		*29.40*	
		For 36" Radius, Add		*43.28*	
		For 48" Radius, Add		*57.16*	
26 05 33 13-1620	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows		534.90	58.71
		For 24" Radius, Add		*36.45*	
		For 36" Radius, Add		*53.49*	
		For 48" Radius, Add		*70.53*	
26 05 33 13-1621		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1594)*			
26 05 33 13-1622	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows		106.02	7.82
		For 24" Radius, Add		*7.46*	
		For 36" Radius, Add		*10.60*	
		For 48" Radius, Add		*13.74*	
26 05 33 13-1623	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows		118.32	8.62
		For 24" Radius, Add		*8.34*	
		For 36" Radius, Add		*11.83*	
		For 48" Radius, Add		*15.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1624		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	122.23	9.79
			For 24" Radius, Add	*8.56*	
			For 36" Radius, Add	*12.22*	
			For 48" Radius, Add	*15.89*	
26 05 33 13-1625		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	130.03	12.52
			For 24" Radius, Add	*8.97*	
			For 36" Radius, Add	*13.00*	
			For 48" Radius, Add	*17.04*	
26 05 33 13-1626		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	138.84	15.66
			For 24" Radius, Add	*9.43*	
			For 36" Radius, Add	*13.88*	
			For 48" Radius, Add	*18.33*	
26 05 33 13-1627		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	162.38	19.57
			For 24" Radius, Add	*10.96*	
			For 36" Radius, Add	*16.24*	
			For 48" Radius, Add	*21.52*	
26 05 33 13-1628		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	194.50	23.48
			For 24" Radius, Add	*13.12*	
			For 36" Radius, Add	*19.45*	
			For 48" Radius, Add	*25.78*	
26 05 33 13-1629		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	231.45	27.40
			For 24" Radius, Add	*15.65*	
			For 36" Radius, Add	*23.15*	
			For 48" Radius, Add	*30.64*	
26 05 33 13-1630		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	266.49	33.27
			For 24" Radius, Add	*17.91*	
			For 36" Radius, Add	*26.65*	
			For 48" Radius, Add	*35.39*	
26 05 33 13-1631		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	301.54	39.14
			For 24" Radius, Add	*20.17*	
			For 36" Radius, Add	*30.15*	
			For 48" Radius, Add	*40.14*	
26 05 33 13-1632		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	376.92	48.93
			For 24" Radius, Add	*25.21*	
			For 36" Radius, Add	*37.69*	
			For 48" Radius, Add	*50.17*	
26 05 33 13-1633		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	465.04	58.71
			For 24" Radius, Add	*31.21*	
			For 36" Radius, Add	*46.50*	
			For 48" Radius, Add	*61.80*	

26 05 33 13-1634 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1594)*

26 05 33 13-1635		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	98.79	7.04
			For 24" Radius, Add	*6.97*	
			For 36" Radius, Add	*9.88*	
			For 48" Radius, Add	*12.79*	
26 05 33 13-1636		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	110.26	7.75
			For 24" Radius, Add	*7.79*	
			For 36" Radius, Add	*11.03*	
			For 48" Radius, Add	*14.27*	
26 05 33 13-1637		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	113.83	8.81
			For 24" Radius, Add	*7.99*	
			For 36" Radius, Add	*11.38*	
			For 48" Radius, Add	*14.78*	
26 05 33 13-1638		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	120.88	11.27
			For 24" Radius, Add	*8.36*	
			For 36" Radius, Add	*12.09*	
			For 48" Radius, Add	*15.81*	
26 05 33 13-1639		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	128.84	14.09
			For 24" Radius, Add	*8.78*	
			For 36" Radius, Add	*12.88*	
			For 48" Radius, Add	*16.99*	
26 05 33 13-1640		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	150.56	17.61
			For 24" Radius, Add	*10.19*	
			For 36" Radius, Add	*15.06*	
			For 48" Radius, Add	*19.92*	
26 05 33 13-1641		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	180.35	21.14
			For 24" Radius, Add	*12.21*	
			For 36" Radius, Add	*18.04*	
			For 48" Radius, Add	*23.86*	
26 05 33 13-1642		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	214.65	24.66
			For 24" Radius, Add	*14.56*	
			For 36" Radius, Add	*21.47*	
			For 48" Radius, Add	*28.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1643	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	247.00	29.94
		For 24" Radius, Add	*16.65*	
		For 36" Radius, Add	*24.70*	
		For 48" Radius, Add	*32.75*	
26 05 33 13-1644	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	279.33	35.22
		For 24" Radius, Add	*18.75*	
		For 36" Radius, Add	*27.93*	
		For 48" Radius, Add	*37.12*	
26 05 33 13-1645	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	349.17	44.03
		For 24" Radius, Add	*23.44*	
		For 36" Radius, Add	*34.92*	
		For 48" Radius, Add	*46.40*	
26 05 33 13-1646	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	430.95	52.84
		For 24" Radius, Add	*29.02*	
		For 36" Radius, Add	*43.10*	
		For 48" Radius, Add	*57.17*	

26 05 33 13-1647 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1594)*

26 05 33 13-1648	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	93.52	7.04
		For 24" Radius, Add	*6.57*	
		For 36" Radius, Add	*9.35*	
		For 48" Radius, Add	*12.13*	
26 05 33 13-1649	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	104.36	7.75
		For 24" Radius, Add	*7.34*	
		For 36" Radius, Add	*10.44*	
		For 48" Radius, Add	*13.53*	
26 05 33 13-1650	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	107.87	8.81
		For 24" Radius, Add	*7.54*	
		For 36" Radius, Add	*10.79*	
		For 48" Radius, Add	*14.03*	
26 05 33 13-1651	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	114.86	11.27
		For 24" Radius, Add	*7.91*	
		For 36" Radius, Add	*11.49*	
		For 48" Radius, Add	*15.06*	
26 05 33 13-1652	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	122.76	14.09
		For 24" Radius, Add	*8.33*	
		For 36" Radius, Add	*12.28*	
		For 48" Radius, Add	*16.23*	
26 05 33 13-1653	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	143.65	17.61
		For 24" Radius, Add	*9.67*	
		For 36" Radius, Add	*14.37*	
		For 48" Radius, Add	*19.06*	
26 05 33 13-1654	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	172.07	21.14
		For 24" Radius, Add	*11.58*	
		For 36" Radius, Add	*17.21*	
		For 48" Radius, Add	*22.83*	
26 05 33 13-1655	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	204.72	24.66
		For 24" Radius, Add	*13.81*	
		For 36" Radius, Add	*20.47*	
		For 48" Radius, Add	*27.13*	
26 05 33 13-1656	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	235.82	29.94
		For 24" Radius, Add	*15.82*	
		For 36" Radius, Add	*23.58*	
		For 48" Radius, Add	*31.35*	
26 05 33 13-1657	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	266.91	35.22
		For 24" Radius, Add	*17.82*	
		For 36" Radius, Add	*26.69*	
		For 48" Radius, Add	*35.57*	
26 05 33 13-1658	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	333.64	44.03
		For 24" Radius, Add	*22.27*	
		For 36" Radius, Add	*33.36*	
		For 48" Radius, Add	*44.46*	
26 05 33 13-1659	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	411.54	52.84
		For 24" Radius, Add	*27.56*	
		For 36" Radius, Add	*41.15*	
		For 48" Radius, Add	*54.74*	

26 05 33 13-1660 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1594)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1661	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	57.35	5.48
26 05 33 13-1662	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	64.30	6.26
26 05 33 13-1663	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	66.75	7.04
26 05 33 13-1664	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	69.12	7.82
26 05 33 13-1665	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	75.01	9.79
26 05 33 13-1666	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	89.54	11.74
26 05 33 13-1667	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	111.59	15.66
26 05 33 13-1668	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	135.87	19.57
26 05 33 13-1669	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	161.42	25.44
26 05 33 13-1670	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	186.96	31.31
26 05 33 13-1671	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	233.69	39.14
26 05 33 13-1672	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	292.05	48.93

26 05 33 13-1673 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1594)*

26 05 33 13-1674	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	38.33	5.48
26 05 33 13-1675	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	43.02	6.26
26 05 33 13-1676	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	45.27	7.04
26 05 33 13-1677	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	47.52	7.82
26 05 33 13-1678	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	52.69	9.79
26 05 33 13-1679	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	57.75	11.74
26 05 33 13-1680	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	73.21	15.66
26 05 33 13-1681	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	89.84	19.57
26 05 33 13-1682	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	109.63	25.44
26 05 33 13-1683	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	129.41	31.31
26 05 33 13-1684	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	161.81	39.14
26 05 33 13-1685	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	202.21	48.93

26 05 33 13-1686 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1594)*

26 05 33 13-1687	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	44.32	4.50
26 05 33 13-1688	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	49.69	6.26
26 05 33 13-1689	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	52.01	7.04
26 05 33 13-1690	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	54.18	7.82
26 05 33 13-1691	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	59.86	9.79
26 05 33 13-1692	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	71.50	11.74
26 05 33 13-1693	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	89.69	15.66
26 05 33 13-1694	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	109.58	19.57
26 05 33 13-1695	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	131.84	25.44
26 05 33 13-1696	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	154.08	31.31
26 05 33 13-1697	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	192.57	39.14
26 05 33 13-1698	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	240.75	48.93

26 05 33 13-1699 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-1594)*

26 05 33 13-1700	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	82.67	19.57
26 05 33 13-1701	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	96.14	23.48
26 05 33 13-1702	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	106.34	27.40
26 05 33 13-1703	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	116.37	31.31
26 05 33 13-1704	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	127.02	35.22
26 05 33 13-1705	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	144.22	39.14
26 05 33 13-1706	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	168.17	45.01
26 05 33 13-1707	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	193.98	50.88
26 05 33 13-1708	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	221.90	58.71
26 05 33 13-1709	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	254.69	68.50
26 05 33 13-1710	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	300.03	78.28
26 05 33 13-1711	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	350.57	88.06

26 05 33 13-1712 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-1594)*

26 05 33 13-1713	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	96.37	19.57
26 05 33 13-1714	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	111.49	23.48
26 05 33 13-1715	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	121.78	27.40
26 05 33 13-1716	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	131.98	31.31
26 05 33 13-1717	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	142.75	35.22
26 05 33 13-1718	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	162.19	39.14
26 05 33 13-1719	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	189.74	45.01
26 05 33 13-1720	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	219.85	50.88
26 05 33 13-1721	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	251.03	58.71
26 05 33 13-1722	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	287.07	68.50
26 05 33 13-1723	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	340.60	78.28
26 05 33 13-1724	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	401.29	88.06

26 05 33 13-1725 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-1594)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1726		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	126.51	5.48
26 05 33 13-1727		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	140.98	6.26
26 05 33 13-1728		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	146.78	7.04
26 05 33 13-1729		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	152.75	7.82
26 05 33 13-1730		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	159.71	9.79
26 05 33 13-1731		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	177.48	11.74
26 05 33 13-1732		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	216.91	15.66
26 05 33 13-1733		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	262.14	19.57
26 05 33 13-1734		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	303.48	25.44
26 05 33 13-1735		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	344.81	31.31
26 05 33 13-1736		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	431.12	39.14
26 05 33 13-1737		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	536.31	48.93

26 05 33 13-1738 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-1594)*

26 05 33 13-1739		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	120.20	19.57
26 05 33 13-1740		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	137.91	23.48
26 05 33 13-1741		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	166.34	27.40
26 05 33 13-1742		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	210.19	31.31
26 05 33 13-1743		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	268.89	35.22
26 05 33 13-1744		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	365.84	39.14
26 05 33 13-1745		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	534.23	45.01
26 05 33 13-1746		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	650.11	50.88
26 05 33 13-1747		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	789.88	58.71
26 05 33 13-1748		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	934.51	68.50
26 05 33 13-1749		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,102.36	78.28
26 05 33 13-1750		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,759.38	88.06

26 05 33 13-1751 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover *(26 05 33 13-1594)*

26 05 33 13-1752		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	102.23	15.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-1753		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	119.26	17.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.21*	
26 05 33 13-1754		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	163.63	19.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.68*	
26 05 33 13-1755		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	200.40	23.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.61*	
26 05 33 13-1756		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	255.56	29.35
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.01*	
26 05 33 13-1757		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	357.95	35.22
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.42*	
26 05 33 13-1758		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	608.78	41.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.82*	
26 05 33 13-1759		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	792.15	46.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.23*	
26 05 33 13-1760		EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	955.10	54.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.10*	
26 05 33 13-1761		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,118.05	62.62
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.97*	
26 05 33 13-1762		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,323.16	70.45
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.84*	
26 05 33 13-1763		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,502.98	78.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.71*	

26 05 33 13-1764 Explosion Proof Conduit Fittings *(26 05 33 13-0058)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-1765 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1764)*

26 05 33 13-1766		EA	1/2" Explosion Proof Malleable Iron Conduit Union	43.48	8.79
26 05 33 13-1767		EA	3/4" Explosion Proof Malleable Iron Conduit Union	53.89	9.71
26 05 33 13-1768		EA	1" Explosion Proof Malleable Iron Conduit Union	86.13	12.94
26 05 33 13-1769		EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	114.73	14.33
26 05 33 13-1770		EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	144.50	17.56
26 05 33 13-1771		EA	2" Explosion Proof Malleable Iron Conduit Union	180.40	20.33
26 05 33 13-1772		EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	275.03	29.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1773	EA	3" Explosion Proof Malleable Iron Conduit Union	350.15	34.60
26 05 33 13-1774	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	592.25	41.53
26 05 33 13-1775	EA	4" Explosion Proof Malleable Iron Conduit Union	625.85	53.05

26 05 33 13-1776 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1764)*

26 05 33 13-1777	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	154.84	27.73
26 05 33 13-1778	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	174.49	31.43
26 05 33 13-1779	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	204.91	34.66
26 05 33 13-1780	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	173.79	34.66
26 05 33 13-1781	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	206.97	41.60
26 05 33 13-1782	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	245.38	47.60

26 05 33 13-1783 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1764)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-1784	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	128.01	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-1785	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	130.19	25.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1786	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	142.12	28.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.14*	
26 05 33 13-1787	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	183.11	34.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.00*	
26 05 33 13-1788	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	234.76	40.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-1789	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	303.41	46.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.66*	
26 05 33 13-1790	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	431.01	69.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 05 33 13-1791	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	544.97	86.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.05*	
26 05 33 13-1792	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	777.26	95.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.63*	
26 05 33 13-1793	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	1,008.40	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.85*	

26 05 33 13-1794 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1764)*

26 05 33 13-1795	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	357.62	10.63
26 05 33 13-1796	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	468.43	12.02

26 05 33 13-1797 Conduit Installed Below Grade *(26 05 33 13-0057)*

Note: By direct burial in trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1798 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1797)*

26 05 33 13-1799 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1798)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1800	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.87	
		For Schedule 60, Add	*0.33*	
		For Schedule 80, Add	*0.56*	
26 05 33 13-1801	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.35	
		For Schedule 60, Add	*0.40*	
		For Schedule 80, Add	*0.67*	
26 05 33 13-1802	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.05	
		For Schedule 60, Add	*0.53*	
		For Schedule 80, Add	*0.85*	
26 05 33 13-1803	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.75	
		For Schedule 60, Add	*0.65*	
		For Schedule 80, Add	*1.03*	
26 05 33 13-1804	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.36	
		For Schedule 60, Add	*0.76*	
		For Schedule 80, Add	*1.19*	
26 05 33 13-1805	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.31	
		For Schedule 60, Add	*0.95*	
		For Schedule 80, Add	*1.46*	
26 05 33 13-1806	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.27	
		For Schedule 60, Add	*1.39*	
		For Schedule 80, Add	*2.08*	
26 05 33 13-1807	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	10.40	
		For Schedule 60, Add	*1.62*	
		For Schedule 80, Add	*2.42*	
26 05 33 13-1808	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	12.18	
		For Schedule 60, Add	*2.02*	
		For Schedule 80, Add	*2.98*	
26 05 33 13-1809	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	13.12	
		For Schedule 60, Add	*2.20*	
		For Schedule 80, Add	*3.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1810		LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	16.93	
			For Schedule 60, Add	*3.11*	
			For Schedule 80, Add	*4.52*	
26 05 33 13-1811		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	20.79	
			For Schedule 60, Add	*4.02*	
			For Schedule 80, Add	*5.81*	

26 05 33 13-1812 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1798)*

See CSI section 26 05 33 13-2258 for conduit field bending.

26 05 33 13-1813		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	26.27	
			For Schedule 60, Add	*1.68*	
			For Schedule 80, Add	*3.08*	
26 05 33 13-1814		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	31.50	
			For Schedule 60, Add	*2.01*	
			For Schedule 80, Add	*3.69*	
26 05 33 13-1815		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	37.62	
			For Schedule 60, Add	*2.56*	
			For Schedule 80, Add	*4.61*	
26 05 33 13-1816		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	44.03	
			For Schedule 60, Add	*3.18*	
			For Schedule 80, Add	*5.63*	
26 05 33 13-1817		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	50.66	
			For Schedule 60, Add	*3.86*	
			For Schedule 80, Add	*6.72*	
26 05 33 13-1818		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	58.01	
			For Schedule 60, Add	*4.72*	
			For Schedule 80, Add	*8.07*	
26 05 33 13-1819		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	70.11	
			For Schedule 60, Add	*6.76*	
			For Schedule 80, Add	*11.08*	
26 05 33 13-1820		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	85.53	
			For Schedule 60, Add	*9.64*	
			For Schedule 80, Add	*15.26*	
26 05 33 13-1821		EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	105.90	
			For Schedule 60, Add	*12.78*	
			For Schedule 80, Add	*19.94*	
26 05 33 13-1822		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	126.42	
			For Schedule 60, Add	*15.95*	
			For Schedule 80, Add	*24.68*	
26 05 33 13-1823		EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	172.48	
			For Schedule 60, Add	*25.51*	
			For Schedule 80, Add	*38.35*	
26 05 33 13-1824		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	205.51	
			For Schedule 60, Add	*31.81*	
			For Schedule 80, Add	*47.47*	

26 05 33 13-1825 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1798)*

See CSI section 26 05 33 13-2258 for conduit field bending.

26 05 33 13-1826		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	26.27	
			For Schedule 60, Add	*1.68*	
			For Schedule 80, Add	*3.08*	
26 05 33 13-1827		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	31.36	
			For Schedule 60, Add	*1.97*	
			For Schedule 80, Add	*3.64*	
26 05 33 13-1828		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	37.44	
			For Schedule 60, Add	*2.51*	
			For Schedule 80, Add	*4.54*	
26 05 33 13-1829		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	43.49	
			For Schedule 60, Add	*3.04*	
			For Schedule 80, Add	*5.44*	
26 05 33 13-1830		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	49.44	
			For Schedule 60, Add	*3.55*	
			For Schedule 80, Add	*6.30*	
26 05 33 13-1831		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	57.36	
			For Schedule 60, Add	*4.55*	
			For Schedule 80, Add	*7.84*	
26 05 33 13-1832		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	68.90	
			For Schedule 60, Add	*6.46*	
			For Schedule 80, Add	*10.66*	
26 05 33 13-1833		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	84.00	
			For Schedule 60, Add	*9.26*	
			For Schedule 80, Add	*14.72*	
26 05 33 13-1834		EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	101.59	
			For Schedule 60, Add	*11.70*	
			For Schedule 80, Add	*18.43*	
26 05 33 13-1835		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	122.71	
			For Schedule 60, Add	*15.02*	
			For Schedule 80, Add	*23.38*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1836	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial		167.68	
		For Schedule 60, Add		*24.31*	
		For Schedule 80, Add		*36.67*	
26 05 33 13-1837	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial		191.21	
		For Schedule 60, Add		*28.23*	
		For Schedule 80, Add		*42.46*	

26 05 33 13-1838 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1798)*

26 05 33 13-1839	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		14.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*4.11*	
26 05 33 13-1840	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		16.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*4.70*	
26 05 33 13-1841	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		19.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*5.28*	
26 05 33 13-1842	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		21.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*5.87*	
26 05 33 13-1843	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		23.83	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*6.46*	
26 05 33 13-1844	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		26.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.04*	
26 05 33 13-1845	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		32.52	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.93*	
26 05 33 13-1846	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		37.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*8.81*	
26 05 33 13-1847	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		44.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*10.27*	
26 05 33 13-1848	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		50.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*11.74*	
26 05 33 13-1849	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		66.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*13.21*	
26 05 33 13-1850	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial		75.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*14.68*	

26 05 33 13-1851 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1798)*

26 05 33 13-1852	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		18.68	
26 05 33 13-1853	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		21.10	
26 05 33 13-1854	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		23.57	
26 05 33 13-1855	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		30.44	
26 05 33 13-1856	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		33.70	
26 05 33 13-1857	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		38.40	
26 05 33 13-1858	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		42.86	
26 05 33 13-1859	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		48.28	
26 05 33 13-1860	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		57.44	
26 05 33 13-1861	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		62.70	
26 05 33 13-1862	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		80.82	
26 05 33 13-1863	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial		90.97	

26 05 33 13-1864 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial *(26 05 33 13-1798)*

26 05 33 13-1865	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial		14.39	
26 05 33 13-1866	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial		16.78	
26 05 33 13-1867	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial		18.96	
26 05 33 13-1868	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial		21.36	
26 05 33 13-1869	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		23.53	
26 05 33 13-1870	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		26.31	
26 05 33 13-1871	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		31.70	
26 05 33 13-1872	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		36.55	
26 05 33 13-1873	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		43.40	
26 05 33 13-1874	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		48.69	
26 05 33 13-1875	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		63.24	
26 05 33 13-1876	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial		72.10	

26 05 33 13-1877 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1797)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1878 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1877)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-1879	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial		11.42	2.22
		For >250 To 500, Deduct		*-0.43*	
		For >500 To 1,000, Deduct		*-0.71*	
		For >1,000, Deduct		*-1.00*	
26 05 33 13-1880	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial		12.84	2.74
		For >250 To 500, Deduct		*-0.48*	
		For >500 To 1,000, Deduct		*-0.80*	
		For >1,000, Deduct		*-1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1881	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	15.82	3.06
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.40*	
26 05 33 13-1882	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.13	4.11
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.70*	
26 05 33 13-1883	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	22.49	4.63
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.01*	
26 05 33 13-1884	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	28.58	5.05
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.85*	
		For >1,000, Deduct	*-2.56*	
26 05 33 13-1885	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	41.49	7.59
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.75*	
26 05 33 13-1886	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	53.48	9.49
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.48*	
		For >1,000, Deduct	*-4.82*	
26 05 33 13-1887	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	65.97	10.01
		For >250 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-4.29*	
		For >1,000, Deduct	*-5.94*	
26 05 33 13-1888	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	78.33	11.06
		For >250 To 500, Deduct	*-3.13*	
		For >500 To 1,000, Deduct	*-5.08*	
		For >1,000, Deduct	*-7.04*	
26 05 33 13-1889	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	122.84	15.28
		For >250 To 500, Deduct	*-5.14*	
		For >500 To 1,000, Deduct	*-8.21*	
		For >1,000, Deduct	*-11.28*	
26 05 33 13-1890	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	164.04	20.02
		For >250 To 500, Deduct	*-6.94*	
		For >500 To 1,000, Deduct	*-11.04*	
		For >1,000, Deduct	*-15.14*	

26 05 33 13-1891 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1877)*

26 05 33 13-1892	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.27	3.16
26 05 33 13-1893	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	14.64	4.21
26 05 33 13-1894	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	18.62	5.26
26 05 33 13-1895	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	21.01	5.80
26 05 33 13-1896	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	24.90	6.85
26 05 33 13-1897	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	32.19	7.90
26 05 33 13-1898	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	59.54	9.49
26 05 33 13-1899	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	75.62	13.18
26 05 33 13-1900	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	93.77	15.28
26 05 33 13-1901	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	116.05	21.08
26 05 33 13-1902	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	298.77	28.98
26 05 33 13-1903	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	301.68	16.33

26 05 33 13-1904 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1877)*

Note: 90, 45, or 30 degree.

26 05 33 13-1905	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	47.15	13.18
26 05 33 13-1906	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	54.28	16.33
26 05 33 13-1907	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	64.82	20.02
26 05 33 13-1908	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	76.81	23.18
26 05 33 13-1909	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	90.10	26.34
26 05 33 13-1910	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	110.18	28.98
26 05 33 13-1911	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	171.10	36.36
26 05 33 13-1912	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	256.28	49.52
26 05 33 13-1913	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	318.01	55.85
26 05 33 13-1914	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	363.50	72.70
26 05 33 13-1915	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	762.63	118.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1916	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,200.92	178.08
26 05 33 13-1917		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1918	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	113.87	20.02
26 05 33 13-1919	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	128.03	23.18
26 05 33 13-1920	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	146.17	26.34
26 05 33 13-1921	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	174.88	28.98
26 05 33 13-1922	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	244.33	36.36
26 05 33 13-1923		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1924	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	127.14	20.02
26 05 33 13-1925	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	149.95	23.18
26 05 33 13-1926	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	161.89	26.34
26 05 33 13-1927	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	209.15	28.98
26 05 33 13-1928	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	277.37	36.36
26 05 33 13-1929	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	354.29	49.52
26 05 33 13-1930		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1931	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	143.00	20.02
26 05 33 13-1932	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	161.36	23.18
26 05 33 13-1933	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	182.06	26.34
26 05 33 13-1934	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	220.52	28.98
26 05 33 13-1935	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	315.35	36.36
26 05 33 13-1936	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	398.88	49.52
26 05 33 13-1937	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	504.73	55.85
26 05 33 13-1938	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	566.92	72.70
26 05 33 13-1939		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1940	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	170.40	20.02
26 05 33 13-1941	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	188.16	23.18
26 05 33 13-1942	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	212.48	26.34
26 05 33 13-1943	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	264.33	28.98
26 05 33 13-1944	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	383.32	36.36
26 05 33 13-1945	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	474.41	49.52
26 05 33 13-1946	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	550.85	55.85
26 05 33 13-1947	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	651.59	72.70
26 05 33 13-1948		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1949	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	191.72	20.02
26 05 33 13-1950	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	213.11	23.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1951	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	242.43	26.34
26 05 33 13-1952	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	302.47	28.98
26 05 33 13-1953	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	420.40	36.36
26 05 33 13-1954	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	534.84	49.52
26 05 33 13-1955	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	662.99	55.85
26 05 33 13-1956	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	729.32	72.70
26 05 33 13-1957	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,216.40	118.55
26 05 33 13-1958		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial *(26 05 33 13-1877)*		
26 05 33 13-1959	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	219.60	20.02
26 05 33 13-1960	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	243.25	23.18
26 05 33 13-1961	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	275.26	26.34
26 05 33 13-1962	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	344.77	28.98
26 05 33 13-1963	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	482.19	36.36
26 05 33 13-1964	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	611.82	49.52
26 05 33 13-1965	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	719.19	55.85
26 05 33 13-1966	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	829.66	72.70
26 05 33 13-1967	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,286.72	118.55
26 05 33 13-1968	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,756.59	178.08
26 05 33 13-1969		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1877)*		
26 05 33 13-1970	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	258.41	20.02
26 05 33 13-1971	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	270.12	23.18
26 05 33 13-1972	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	319.20	26.34
26 05 33 13-1973	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	403.66	28.98
26 05 33 13-1974	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	565.52	36.36
26 05 33 13-1975	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	715.60	49.52
26 05 33 13-1976	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	875.41	55.85
26 05 33 13-1977	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,024.87	72.70
26 05 33 13-1978	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,516.10	118.55
26 05 33 13-1979	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,861.89	178.08
26 05 33 13-1980		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1877)*		
26 05 33 13-1981	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	267.76	20.02
26 05 33 13-1982	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	315.57	23.18
26 05 33 13-1983	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	357.20	26.34
26 05 33 13-1984	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	421.37	28.98
26 05 33 13-1985	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	586.33	36.36
26 05 33 13-1986	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	747.51	49.52
26 05 33 13-1987	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	960.49	55.85
26 05 33 13-1988	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,069.14	72.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1989	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,577.73	118.55
26 05 33 13-1990	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,915.39	178.08
26 05 33 13-1991		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-1992	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	88.37	13.18
26 05 33 13-1993	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	95.83	16.33
26 05 33 13-1994	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	124.71	20.02
26 05 33 13-1995	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	182.63	23.18
26 05 33 13-1996	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	217.05	26.34
26 05 33 13-1997	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	277.00	28.98
26 05 33 13-1998	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	369.26	36.36
26 05 33 13-1999	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	481.54	36.36
26 05 33 13-2000	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	618.84	55.85
26 05 33 13-2001	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	796.59	72.70
26 05 33 13-2002	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,454.21	118.55
26 05 33 13-2003	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,805.74	178.08
26 05 33 13-2004		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-2005	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	90.46	13.18
26 05 33 13-2006	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	103.81	16.33
26 05 33 13-2007	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	128.97	20.02
26 05 33 13-2008	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	190.44	23.18
26 05 33 13-2009	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	227.89	26.34
26 05 33 13-2010	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	300.41	28.98
26 05 33 13-2011	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	419.34	36.36
26 05 33 13-2012	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	532.47	36.36
26 05 33 13-2013	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	710.92	55.85
26 05 33 13-2014	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	888.33	72.70
26 05 33 13-2015	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,622.38	118.55
26 05 33 13-2016	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,077.28	178.08
26 05 33 13-2017		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial** *(26 05 33 13-1877)*		
26 05 33 13-2018	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.23	6.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2019	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.73	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2020	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.93	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2021	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.44	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2022	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.37	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2023	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.55	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2024	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.13	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2025	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.36	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2026	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.02	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2027	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.14	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2028	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.50	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2029	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.72	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2030	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.30	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2031	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.67	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2032	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.35	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2033	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.47	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2034	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.36	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2035	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.00	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2036	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.58	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2037	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.13	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2038	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.75	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2039	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.01	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2040	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.06	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2041	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	85.92	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2042	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	110.81	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2043	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.17	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2044	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.90	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2045	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.46	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2046	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.14	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2047	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.55	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2048	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.75	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2049	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.30	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2050	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	115.93	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2051	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	138.66	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2052	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	161.31	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2053	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.48	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2054	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.23	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2055	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.82	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2056	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.79	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2057	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.22	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2058	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.21	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2059	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	97.77	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2060	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	123.59	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2061	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	140.30	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-2062	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	165.69	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2063	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	244.74	50.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-2064	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.09	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2065	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.83	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2066	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.47	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2067	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.99	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2068	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.67	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2069	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.68	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2070	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	107.38	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2071	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	133.78	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2072	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	149.48	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-2073	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	181.17	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2074	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	267.88	50.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-2075	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.02	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2076	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.75	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2077	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.91	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2078	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.30	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2079	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.60	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2080	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	73.84	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2081	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	119.20	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2082	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	147.72	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2083	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	172.45	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-2084	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	204.41	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2085	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	283.74	50.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-2086	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.01	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2087	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.71	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2088	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.33	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2089	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.63	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2090	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	68.57	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2091	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	84.37	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2092	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	131.70	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2093	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	165.58	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2094	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	196.58	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-2095	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	245.07	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2096	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	315.40	50.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	
26 05 33 13-2097	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.02	6.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.11*	
26 05 33 13-2098	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.84	7.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2099	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.94	10.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2100	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.74	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2101	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	77.00	13.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2102	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	92.83	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 05 33 13-2103	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	148.38	17.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.75*	
26 05 33 13-2104	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	192.35	24.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 33 13-2105	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	211.39	27.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.75*	
26 05 33 13-2106	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	257.55	36.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.81*	
26 05 33 13-2107	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	319.92	50.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2108		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1797)* Note: Direct burial or encased application.		
26 05 33 13-2109		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2108)*		
26 05 33 13-2110	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.87	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2111	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.85	1.37
		For Work In Restricted Working Space, Add	*1.03*	
26 05 33 13-2112	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.46	1.47
		For Work In Restricted Working Space, Add	*1.10*	
26 05 33 13-2113	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.08	1.56
		For Work In Restricted Working Space, Add	*1.18*	
26 05 33 13-2114	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.90	1.66
		For Work In Restricted Working Space, Add	*1.25*	
26 05 33 13-2115	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.36	1.76
		For Work In Restricted Working Space, Add	*1.32*	
26 05 33 13-2116	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	14.17	1.86
		For Work In Restricted Working Space, Add	*1.40*	
26 05 33 13-2117	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	16.32	1.95
		For Work In Restricted Working Space, Add	*1.47*	
26 05 33 13-2118	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.00	2.05
		For Work In Restricted Working Space, Add	*1.54*	
26 05 33 13-2119	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	19.66	2.15
		For Work In Restricted Working Space, Add	*1.61*	
26 05 33 13-2120	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	23.47	2.25
		For Work In Restricted Working Space, Add	*1.69*	
26 05 33 13-2121	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	28.19	2.34
		For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-2122		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2109)*		
26 05 33 13-2123	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	129.89	9.79
		For Work In Restricted Working Space, Add	*7.34*	
		For 24" Radius, Add	*9.13*	
		For 36" Radius, Add	*12.99*	
		For 48" Radius, Add	*16.85*	
26 05 33 13-2124	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	147.38	11.74
		For Work In Restricted Working Space, Add	*8.81*	
		For 24" Radius, Add	*10.32*	
		For 36" Radius, Add	*14.74*	
		For 48" Radius, Add	*19.16*	
26 05 33 13-2125	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	153.47	13.70
		For Work In Restricted Working Space, Add	*10.27*	
		For 24" Radius, Add	*10.65*	
		For 36" Radius, Add	*15.35*	
		For 48" Radius, Add	*20.04*	
26 05 33 13-2126	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	159.53	15.66
		For Work In Restricted Working Space, Add	*11.74*	
		For 24" Radius, Add	*10.99*	
		For 36" Radius, Add	*15.95*	
		For 48" Radius, Add	*20.92*	
26 05 33 13-2127	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	165.62	17.61
		For Work In Restricted Working Space, Add	*13.21*	
		For 24" Radius, Add	*11.32*	
		For 36" Radius, Add	*16.56*	
		For 48" Radius, Add	*21.80*	
26 05 33 13-2128	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	187.29	19.57
		For Work In Restricted Working Space, Add	*14.68*	
		For 24" Radius, Add	*12.82*	
		For 36" Radius, Add	*18.73*	
		For 48" Radius, Add	*24.63*	
26 05 33 13-2129	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	219.42	21.53
		For Work In Restricted Working Space, Add	*16.15*	
		For 24" Radius, Add	*15.11*	
		For 36" Radius, Add	*21.94*	
		For 48" Radius, Add	*28.77*	
26 05 33 13-2130	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	257.43	23.48
		For Work In Restricted Working Space, Add	*17.61*	
		For 24" Radius, Add	*17.84*	
		For 36" Radius, Add	*25.74*	
		For 48" Radius, Add	*33.65*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2131		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	292.06	27.40
			For Work In Restricted Working Space, Add	*20.55*	
			For 24" Radius, Add	*20.19*	
			For 36" Radius, Add	*29.21*	
			For 48" Radius, Add	*38.22*	
26 05 33 13-2132		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	326.68	35.22
			For Work In Restricted Working Space, Add	*23.48*	
			For 24" Radius, Add	*22.54*	
			For 36" Radius, Add	*32.67*	
			For 48" Radius, Add	*42.79*	
26 05 33 13-2133		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	398.56	35.22
			For Work In Restricted Working Space, Add	*26.42*	
			For 24" Radius, Add	*27.69*	
			For 36" Radius, Add	*39.86*	
			For 48" Radius, Add	*52.02*	
26 05 33 13-2134		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	485.97	39.14
			For Work In Restricted Working Space, Add	*29.36*	
			For 24" Radius, Add	*34.00*	
			For 36" Radius, Add	*48.60*	
			For 48" Radius, Add	*63.19*	

26 05 33 13-2135 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2108)*

26 05 33 13-2136		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	57.35	5.48
			For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-2137		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	64.30	6.26
			For Work In Restricted Working Space, Add	*4.70*	
26 05 33 13-2138		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	66.75	7.04
			For Work In Restricted Working Space, Add	*5.28*	
26 05 33 13-2139		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	69.12	7.82
			For Work In Restricted Working Space, Add	*5.87*	
26 05 33 13-2140		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	72.08	8.62
			For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-2141		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	83.67	9.40
			For Work In Restricted Working Space, Add	*7.04*	
26 05 33 13-2142		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	98.87	10.57
			For Work In Restricted Working Space, Add	*7.93*	
26 05 33 13-2143		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	116.29	11.74
			For Work In Restricted Working Space, Add	*8.81*	
26 05 33 13-2144		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	132.05	13.70
			For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-2145		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	147.82	15.66
			For Work In Restricted Working Space, Add	*11.74*	
26 05 33 13-2146		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	179.87	17.61
			For Work In Restricted Working Space, Add	*13.21*	
26 05 33 13-2147		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	218.67	19.57
			For Work In Restricted Working Space, Add	*14.68*	

26 05 33 13-2148 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2108)*

26 05 33 13-2149		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	38.33	5.48
			For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-2150		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	43.02	6.26
			For Work In Restricted Working Space, Add	*4.70*	
26 05 33 13-2151		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.27	7.04
			For Work In Restricted Working Space, Add	*5.28*	
26 05 33 13-2152		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	47.52	7.82
			For Work In Restricted Working Space, Add	*5.87*	
26 05 33 13-2153		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	49.76	8.62
			For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-2154		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	51.88	9.40
			For Work In Restricted Working Space, Add	*7.04*	
26 05 33 13-2155		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	60.49	10.57
			For Work In Restricted Working Space, Add	*7.93*	
26 05 33 13-2156		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	70.26	11.74
			For Work In Restricted Working Space, Add	*8.81*	
26 05 33 13-2157		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	80.26	13.70
			For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-2158		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	90.27	15.66
			For Work In Restricted Working Space, Add	*11.74*	
26 05 33 13-2159		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	107.99	17.61
			For Work In Restricted Working Space, Add	*13.21*	
26 05 33 13-2160		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	128.83	19.57
			For Work In Restricted Working Space, Add	*14.68*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-2161 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2108)*

26 05 33 13-2162	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		38.44	3.14
		For Work In Restricted Working Space, Add		*2.35*	
26 05 33 13-2163	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		42.84	3.53
		For Work In Restricted Working Space, Add		*2.64*	
26 05 33 13-2164	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		44.19	3.92
		For Work In Restricted Working Space, Add		*2.94*	
26 05 33 13-2165	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		45.37	4.31
		For Work In Restricted Working Space, Add		*3.23*	
26 05 33 13-2166	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		47.14	4.70
		For Work In Restricted Working Space, Add		*3.52*	
26 05 33 13-2167	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		55.85	5.48
		For Work In Restricted Working Space, Add		*4.11*	
26 05 33 13-2168	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		67.18	6.65
		For Work In Restricted Working Space, Add		*4.99*	
26 05 33 13-2169	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		80.22	7.82
		For Work In Restricted Working Space, Add		*5.87*	
26 05 33 13-2170	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		92.69	9.79
		For Work In Restricted Working Space, Add		*7.34*	
26 05 33 13-2171	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		105.15	11.74
		For Work In Restricted Working Space, Add		*8.81*	
26 05 33 13-2172	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		128.96	13.70
		For Work In Restricted Working Space, Add		*10.27*	
26 05 33 13-2173	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial		157.58	15.66
		For Work In Restricted Working Space, Add		*11.74*	

26 05 33 13-2174 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2108)*

26 05 33 13-2175	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		82.67	19.57
		For Work In Restricted Working Space, Add		*14.68*	
26 05 33 13-2176	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		96.14	23.48
		For Work In Restricted Working Space, Add		*17.61*	
26 05 33 13-2177	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		106.34	27.40
		For Work In Restricted Working Space, Add		*20.55*	
26 05 33 13-2178	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		116.37	31.31
		For Work In Restricted Working Space, Add		*23.48*	
26 05 33 13-2179	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		122.13	33.27
		For Work In Restricted Working Space, Add		*24.95*	
26 05 33 13-2180	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		134.43	35.22
		For Work In Restricted Working Space, Add		*26.42*	
26 05 33 13-2181	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		148.60	37.18
		For Work In Restricted Working Space, Add		*27.89*	
26 05 33 13-2182	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		164.63	39.14
		For Work In Restricted Working Space, Add		*29.36*	
26 05 33 13-2183	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		177.86	41.10
		For Work In Restricted Working Space, Add		*30.82*	
26 05 33 13-2184	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		191.10	43.05
		For Work In Restricted Working Space, Add		*32.29*	
26 05 33 13-2185	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		216.86	45.01
		For Work In Restricted Working Space, Add		*33.76*	
26 05 33 13-2186	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial		247.83	46.97
		For Work In Restricted Working Space, Add		*35.23*	

26 05 33 13-2187 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2108)*

26 05 33 13-2188	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		96.37	19.57
		For Work In Restricted Working Space, Add		*14.68*	
26 05 33 13-2189	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		111.49	23.48
		For Work In Restricted Working Space, Add		*17.61*	
26 05 33 13-2190	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		121.78	27.40
		For Work In Restricted Working Space, Add		*20.55*	
26 05 33 13-2191	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		131.98	31.31
		For Work In Restricted Working Space, Add		*23.48*	
26 05 33 13-2192	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		137.86	33.27
		For Work In Restricted Working Space, Add		*24.95*	
26 05 33 13-2193	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		152.40	35.22
		For Work In Restricted Working Space, Add		*26.42*	
26 05 33 13-2194	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		170.17	37.18
		For Work In Restricted Working Space, Add		*27.89*	
26 05 33 13-2195	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		190.50	39.14
		For Work In Restricted Working Space, Add		*29.36*	
26 05 33 13-2196	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		206.99	41.10
		For Work In Restricted Working Space, Add		*30.82*	
26 05 33 13-2197	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		223.48	43.05
		For Work In Restricted Working Space, Add		*32.29*	
26 05 33 13-2198	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial		257.43	45.01
		For Work In Restricted Working Space, Add		*33.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2199	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	298.55	46.97
		For Work In Restricted Working Space, Add	*35.23*	

26 05 33 13-2200 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-2108)*

26 05 33 13-2201	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	126.51	5.48
		For Work In Restricted Working Space, Add	*4.11*	
26 05 33 13-2202	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	140.98	6.26
		For Work In Restricted Working Space, Add	*4.70*	
26 05 33 13-2203	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	146.78	7.04
		For Work In Restricted Working Space, Add	*5.28*	
26 05 33 13-2204	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	152.75	7.82
		For Work In Restricted Working Space, Add	*5.87*	
26 05 33 13-2205	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	156.78	8.62
		For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-2206	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	171.61	9.40
		For Work In Restricted Working Space, Add	*7.04*	
26 05 33 13-2207	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	204.19	10.57
		For Work In Restricted Working Space, Add	*7.93*	
26 05 33 13-2208	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	242.56	11.74
		For Work In Restricted Working Space, Add	*8.81*	
26 05 33 13-2209	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	274.11	13.70
		For Work In Restricted Working Space, Add	*10.27*	
26 05 33 13-2210	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	305.67	15.66
		For Work In Restricted Working Space, Add	*11.74*	
26 05 33 13-2211	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	377.30	17.61
		For Work In Restricted Working Space, Add	*13.21*	
26 05 33 13-2212	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	462.93	19.57
		For Work In Restricted Working Space, Add	*14.68*	

26 05 33 13-2213 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2108)*

26 05 33 13-2214	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	120.20	19.57
		For Work In Restricted Working Space, Add	*14.68*	
26 05 33 13-2215	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	137.91	23.48
		For Work In Restricted Working Space, Add	*17.61*	
26 05 33 13-2216	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	166.34	27.40
		For Work In Restricted Working Space, Add	*20.55*	
26 05 33 13-2217	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	210.19	31.31
		For Work In Restricted Working Space, Add	*23.48*	
26 05 33 13-2218	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	264.00	33.27
		For Work In Restricted Working Space, Add	*24.95*	
26 05 33 13-2219	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	356.05	35.22
		For Work In Restricted Working Space, Add	*26.42*	
26 05 33 13-2220	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	514.66	37.18
		For Work In Restricted Working Space, Add	*27.89*	
26 05 33 13-2221	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	620.76	39.14
		For Work In Restricted Working Space, Add	*29.36*	
26 05 33 13-2222	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	745.84	41.10
		For Work In Restricted Working Space, Add	*30.82*	
26 05 33 13-2223	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	870.92	43.05
		For Work In Restricted Working Space, Add	*32.29*	
26 05 33 13-2224	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,019.19	45.01
		For Work In Restricted Working Space, Add	*33.76*	
26 05 33 13-2225	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,656.64	46.97
		For Work In Restricted Working Space, Add	*35.23*	

26 05 33 13-2226 Spacers *(26 05 33 13-1797)*

Note: For concrete encasement applications. See CSI section 03 31 13 00-0039 for concrete., 26 05 33 13-1797 for conduit.

26 05 33 13-2227	EA	1" Base Spacers, Average 4" Wide, Direct Burial	11.06
26 05 33 13-2228	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	11.80
26 05 33 13-2229	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	13.09
26 05 33 13-2230	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	13.99
26 05 33 13-2231	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	13.26
26 05 33 13-2232	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.11
26 05 33 13-2233	EA	2" Base Spacer, Average 4" Wide, Direct Burial	16.26
26 05 33 13-2234	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.09
26 05 33 13-2235	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	17.92

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2236	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.36	
26 05 33 13-2237	EA	3" Base Spacer, Average 4" Wide, Direct Burial	20.39	
26 05 33 13-2238	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	19.57	
26 05 33 13-2239	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	22.10	
26 05 33 13-2240	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	21.19	
26 05 33 13-2241	EA	4" Base Spacer, Average 4" Wide, Direct Burial	22.84	
26 05 33 13-2242	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	21.78	
26 05 33 13-2243	EA	5" Base Spacer, Average 4" Wide, Direct Burial	25.27	
26 05 33 13-2244	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	24.03	
26 05 33 13-2245	EA	6" Base Spacer, Average 4" Wide, Direct Burial	29.11	
26 05 33 13-2246	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	28.04	

26 05 33 13-2247 Conduit Field Bending *(26 05 33 13-0057)*

26 05 33 13-2248 Metallic Conduit Field Bending *(26 05 33 13-2247)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2249	EA	1-1/4" Metallic Conduit Field Bending	17.77	
26 05 33 13-2250	EA	1-1/2" Metallic Conduit Field Bending	23.70	
26 05 33 13-2251	EA	2" Metallic Conduit Field Bending	29.63	
26 05 33 13-2252	EA	2-1/2" Metallic Conduit Field Bending	41.48	
26 05 33 13-2253	EA	3" Metallic Conduit Field Bending	53.33	
26 05 33 13-2254	EA	3-1/2" Metallic Conduit Field Bending	65.18	
26 05 33 13-2255	EA	4" Metallic Conduit Field Bending	77.04	
26 05 33 13-2256	EA	5" Metallic Conduit Field Bending	94.81	
26 05 33 13-2257	EA	6" Metallic Conduit Field Bending	112.59	

26 05 33 13-2258 Plastic Conduit Field Bending *(26 05 33 13-2247)*

Note: For PVC conduits.

26 05 33 13-2259	EA	1" Plastic Conduit Field Bending	27.26	
26 05 33 13-2260	EA	1-1/4" Plastic Conduit Field Bending	29.63	
26 05 33 13-2261	EA	1-1/2" Plastic Conduit Field Bending	35.56	
26 05 33 13-2262	EA	2" Plastic Conduit Field Bending	47.40	
26 05 33 13-2263	EA	2-1/2" Plastic Conduit Field Bending	59.26	
26 05 33 13-2264	EA	3" Plastic Conduit Field Bending	71.11	
26 05 33 13-2265	EA	3-1/2" Plastic Conduit Field Bending	82.96	
26 05 33 13-2266	EA	4" Plastic Conduit Field Bending	94.81	
26 05 33 13-2267	EA	5" Plastic Conduit Field Bending	106.67	
26 05 33 13-2268	EA	6" Plastic Conduit Field Bending	118.51	

26 05 33 13-2269 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0057)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2270	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	34.66	
		For Work In Restricted Working Space, Add	*10.40*	
26 05 33 13-2271	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	38.12	
		For Work In Restricted Working Space, Add	*11.44*	
26 05 33 13-2272	EA	1", Cut And Thread Existing In-Place Threaded Conduit	41.60	
		For Work In Restricted Working Space, Add	*12.48*	
26 05 33 13-2273	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	45.06	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-2274	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	47.37	
		For Work In Restricted Working Space, Add	*14.21*	
26 05 33 13-2275	EA	2", Cut And Thread Existing In-Place Threaded Conduit	49.68	
		For Work In Restricted Working Space, Add	*14.90*	
26 05 33 13-2276	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	51.99	
		For Work In Restricted Working Space, Add	*15.60*	
26 05 33 13-2277	EA	3", Cut And Thread Existing In-Place Threaded Conduit	54.30	
		For Work In Restricted Working Space, Add	*16.29*	
26 05 33 13-2278	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	55.45	
		For Work In Restricted Working Space, Add	*16.64*	
26 05 33 13-2279	EA	4", Cut And Thread Existing In-Place Threaded Conduit	56.61	
		For Work In Restricted Working Space, Add	*16.98*	
26 05 33 13-2280	EA	5", Cut And Thread Existing In-Place Threaded Conduit	58.93	
		For Work In Restricted Working Space, Add	*17.68*	
26 05 33 13-2281	EA	6", Cut And Thread Existing In-Place Threaded Conduit	61.24	
		For Work In Restricted Working Space, Add	*18.37*	

26 05 33 13-2282 Flexible Conduit *(26 05 33 13-0057)*

26 05 33 13-2283 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-2282)*

Note: Steel inner core with PVC cover.

26 05 33 13-2284 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-2283)*

26 05 33 13-2285	LF	3/8" Flexible Liquid Tight Metallic Conduit	4.06	1.26
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.47*	
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2286	LF	1/2" Flexible Liquid Tight Metallic Conduit	4.19	1.26
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.47*	
		For Work In Restricted Working Space, Add	*0.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2287		LF	3/4" Flexible Liquid Tight Metallic Conduit	5.61	1.68
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
			For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2288		LF	1" Flexible Liquid Tight Metallic Conduit	6.33	1.68
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
			For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2289		LF	1-1/4" Flexible Liquid Tight Metallic Conduit	8.14	2.11
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
			For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-2290		LF	1-1/2" Flexible Liquid Tight Metallic Conduit	10.38	2.53
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.95*	
			For Work In Restricted Working Space, Add	*1.90*	
26 05 33 13-2291		LF	2" Flexible Liquid Tight Metallic Conduit	13.67	3.37
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.26*	
			For Work In Restricted Working Space, Add	*2.53*	
26 05 33 13-2292		LF	2-1/2" Flexible Liquid Tight Metallic Conduit	18.14	3.79
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.42*	
			For Work In Restricted Working Space, Add	*2.85*	
26 05 33 13-2293		LF	3" Flexible Liquid Tight Metallic Conduit	26.14	4.63
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.74*	
			For Work In Restricted Working Space, Add	*3.48*	
26 05 33 13-2294		LF	4" Flexible Liquid Tight Metallic Conduit	35.52	5.90
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.43*	

26 05 33 13-2295 Straight Liquid Tight Connector *(26 05 33 13-2283)*

26 05 33 13-2296		EA	3/8" Straight Liquid Tight Connector	11.00	3.37
			For Work In Restricted Working Space, Add	*2.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 05 33 13-2297		EA	1/2" Straight Liquid Tight Connector	11.00	3.37
			For Work In Restricted Working Space, Add	*2.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 05 33 13-2298		EA	3/4" Straight Liquid Tight Connector	13.17	3.79
			For Work In Restricted Working Space, Add	*2.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.85*	
26 05 33 13-2299		EA	1" Straight Liquid Tight Connector	17.10	4.21
			For Work In Restricted Working Space, Add	*3.16*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-2300		EA	1-1/4" Straight Liquid Tight Connector	21.51	4.63
			For Work In Restricted Working Space, Add	*3.48*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2301		EA	1-1/2" Straight Liquid Tight Connector	26.80	5.05
			For Work In Restricted Working Space, Add	*3.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2302		EA	2" Straight Liquid Tight Connector	36.32	5.90
			For Work In Restricted Working Space, Add	*4.43*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-2303		EA	2-1/2" Straight Liquid Tight Connector	116.88	7.59
			For Work In Restricted Working Space, Add	*5.69*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-2304		EA	3" Straight Liquid Tight Connector	149.68	8.01
			For Work In Restricted Working Space, Add	*6.01*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2305		EA	4" Straight Liquid Tight Connector	184.35	11.80
			For Work In Restricted Working Space, Add	*8.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 05 33 13-2306 90 Degree Angle Liquid Tight Connector *(26 05 33 13-2283)*

26 05 33 13-2307		EA	3/8" 90 Degree Angle Liquid Tight Connector	15.88	4.63
			For Work In Restricted Working Space, Add	*3.48*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2308		EA	1/2" 90 Degree Angle Liquid Tight Connector	16.43	4.63
			For Work In Restricted Working Space, Add	*3.48*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2309		EA	3/4" 90 Degree Angle Liquid Tight Connector	18.46	5.05
			For Work In Restricted Working Space, Add	*3.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2310		EA	1" 90 Degree Angle Liquid Tight Connector	25.33	5.90
			For Work In Restricted Working Space, Add	*4.43*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-2311		EA	1-1/4" 90 Degree Angle Liquid Tight Connector	31.28	6.33
			For Work In Restricted Working Space, Add	*4.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2312		EA	1-1/2" 90 Degree Angle Liquid Tight Connector	37.41	6.75
			For Work In Restricted Working Space, Add	*5.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-2313		EA	2" 90 Degree Angle Liquid Tight Connector	48.74	7.59
			For Work In Restricted Working Space, Add	*5.69*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-2314		EA	2-1/2" 90 Degree Angle Liquid Tight Connector	161.80	8.01
			For Work In Restricted Working Space, Add	*6.01*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2315	EA	3" 90 Degree Angle Liquid Tight Connector	191.08	9.27
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2316	EA	4" 90 Degree Angle Liquid Tight Connector	265.43	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-2317		**45 Degree Angle Connector** *(26 05 33 13-2283)*		
26 05 33 13-2318	EA	3/8" 45 Degree Angle Liquid Tight Connector	15.69	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2319	EA	1/2" 45 Degree Angle Liquid Tight Connector	15.82	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2320	EA	3/4" 45 Degree Angle Liquid Tight Connector	18.46	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2321	EA	1" 45 Degree Angle Liquid Tight Connector	26.84	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-2322	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	30.30	6.33
		For Work In Restricted Working Space, Add	*4.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2323	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	33.76	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-2324		**Flexible Metallic Conduit And Connectors** *(26 05 33 13-2282)*		
26 05 33 13-2325		**Flexible Steel Conduit** *(26 05 33 13-2324)*		
26 05 33 13-2326	LF	3/8" Flexible Metallic Conduit	4.17	1.38
		For Flexible Aluminum Conduit, Add	*0.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.51*	
		For Installation In Metal Stud Wall, Add	*0.34*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.85*	
		For Work In Restricted Working Space, Add	*1.01*	
26 05 33 13-2327	LF	1/2" Flexible Metallic Conduit	4.33	1.38
		For Flexible Aluminum Conduit, Add	*0.14*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.52*	
		For Installation In Metal Stud Wall, Add	*0.35*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 33 13-2328	LF	3/4" Flexible Metallic Conduit	4.94	1.84
		For Flexible Aluminum Conduit, Add	*0.20*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.56*	
		For Installation In Metal Stud Wall, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.94*	
		For Work In Restricted Working Space, Add	*1.13*	
26 05 33 13-2329	LF	1" Flexible Metallic Conduit	6.26	1.84
		For Flexible Aluminum Conduit, Add	*0.37*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.61*	
		For Installation In Metal Stud Wall, Add	*0.40*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.01*	
		For Work In Restricted Working Space, Add	*1.21*	
26 05 33 13-2330	LF	1-1/4" Flexible Metallic Conduit	7.17	2.31
		For Flexible Aluminum Conduit, Add	*0.48*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.64*	
		For Installation In Metal Stud Wall, Add	*0.43*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.07*	
		For Work In Restricted Working Space, Add	*1.28*	
26 05 33 13-2331	LF	1-1/2" Flexible Metallic Conduit	9.52	2.77
		For Flexible Aluminum Conduit, Add	*0.84*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.67*	
		For Installation In Metal Stud Wall, Add	*0.44*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.11*	
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2332	LF	2" Flexible Metallic Conduit	10.84	3.69
		For Flexible Aluminum Conduit, Add	*1.03*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.69*	
		For Installation In Metal Stud Wall, Add	*0.46*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.15*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 33 13-2333	LF	2-1/2" Flexible Steel Conduit	13.30	4.15
		For Flexible Aluminum Conduit, Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.86*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2334	LF	3" Flexible Metallic Conduit	20.01	5.07
		For Flexible Aluminum Conduit, Add	*2.16*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.04*	
		For Installation In Metal Stud Wall, Add	*0.69*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.73*	
		For Work In Restricted Working Space, Add	*2.08*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2335		LF	3-1/2" Flexible Metallic Conduit	24.57	5.53
			For Flexible Aluminum Conduit, Add	*2.72*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.21*	
			For Installation In Metal Stud Wall, Add	*0.81*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.02*	
			For Work In Restricted Working Space, Add	*2.42*	
26 05 33 13-2336		LF	4" Flexible Metallic Conduit	28.27	6.46
			For Flexible Aluminum Conduit, Add	*3.14*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.38*	
			For Installation In Metal Stud Wall, Add	*0.92*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.31*	
			For Work In Restricted Working Space, Add	*2.77*	

26 05 33 13-2337 Plain Squeeze Type Straight Connector *(26 05 33 13-2324)*

26 05 33 13-2338		EA	3/8" Flexible Straight Connectors, Plain	7.20	3.69
			For Work In Restricted Working Space, Add	*1.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2339		EA	1/2" Flexible Straight Connectors, Plain	8.95	4.15
			For Work In Restricted Working Space, Add	*1.73*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2340		EA	3/4" Flexible Straight Connectors, Plain	10.28	5.07
			For Work In Restricted Working Space, Add	*2.08*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2341		EA	1" Flexible Straight Connectors, Plain	16.60	5.53
			For Work In Restricted Working Space, Add	*2.77*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2342		EA	1-1/4" Flexible Straight Connectors, Plain	23.61	6.46
			For Work In Restricted Working Space, Add	*3.46*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2343		EA	1-1/2" Flexible Straight Connectors, Plain	31.17	7.84
			For Work In Restricted Working Space, Add	*4.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	
26 05 33 13-2344		EA	2" Flexible Straight Connectors, Plain	41.13	7.84
			For Work In Restricted Working Space, Add	*5.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-2345		EA	2-1/2" Flexible Straight Connectors, Plain	67.01	9.69
			For Work In Restricted Working Space, Add	*6.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-2346		EA	3" Flexible Straight Connectors, Plain	87.97	10.61
			For Work In Restricted Working Space, Add	*6.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2347		EA	3-1/2" Flexible Straight Connectors, Plain	276.97	12.46
			For Work In Restricted Working Space, Add	*7.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 05 33 13-2348		EA	4" Flexible Straight Connectors, Plain	346.41	15.23
			For Work In Restricted Working Space, Add	*8.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	

26 05 33 13-2349 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2324)*

26 05 33 13-2350		EA	1/2" Flexible Straight Connectors, Insulated	10.05	4.15
			For Work In Restricted Working Space, Add	*1.73*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2351		EA	3/4" Flexible Straight Connectors, Insulated	11.72	5.07
			For Work In Restricted Working Space, Add	*2.08*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2352		EA	1" Flexible Straight Connectors, Insulated	18.56	5.53
			For Work In Restricted Working Space, Add	*2.77*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2353		EA	1-1/4" Flexible Straight Connectors, Insulated	27.21	6.46
			For Work In Restricted Working Space, Add	*3.46*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2354		EA	1-1/2" Flexible Straight Connectors, Insulated	37.57	6.92
			For Work In Restricted Working Space, Add	*4.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	
26 05 33 13-2355		EA	2" Flexible Straight Connectors, Insulated	52.44	7.84
			For Work In Restricted Working Space, Add	*5.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-2356		EA	2-1/2" Flexible Straight Connectors, Insulated	91.21	9.69
			For Work In Restricted Working Space, Add	*6.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-2357		EA	3" Flexible Straight Connectors, Insulated	116.51	10.61
			For Work In Restricted Working Space, Add	*6.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2358		EA	3-1/2" Flexible Straight Connectors, Insulated	320.96	12.46
			For Work In Restricted Working Space, Add	*7.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 05 33 13-2359		EA	4" Flexible Straight Connectors, Insulated	412.55	15.23
			For Work In Restricted Working Space, Add	*8.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	

26 05 33 13-2360 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2324)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2361	EA	3/8" Flexible 90 Degree Connector, Plain	10.14	4.61
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2362	EA	1/2" Flexible 90 Degree Connector, Plain	13.45	5.07
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2363	EA	3/4" Flexible 90 Degree Connector, Plain	17.66	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2364	EA	1" Flexible 90 Degree Connector, Plain	24.84	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2365	EA	1-1/4" Flexible 90 Degree Connector, Plain	39.10	6.92
		For Work In Restricted Working Space, Add	*4.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.15*	
26 05 33 13-2366	EA	1-1/2" Flexible 90 Degree Connector, Plain	61.45	8.07
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-2367	EA	2" Flexible 90 Degree Connector, Plain	74.20	9.92
		For Work In Restricted Working Space, Add	*5.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.88*	
26 05 33 13-2368	EA	2-1/2" Flexible 90 Degree Connector, Plain	165.36	10.61
		For Work In Restricted Working Space, Add	*6.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2369	EA	3" Flexible 90 Degree Connector, Plain	212.76	12.46
		For Work In Restricted Working Space, Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 05 33 13-2370	EA	3-1/2" Flexible 90 Degree Connector, Plain	453.67	15.23
		For Work In Restricted Working Space, Add	*8.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 33 13-2371	EA	4" Flexible 90 Degree Connector, Plain	811.99	17.30
		For Work In Restricted Working Space, Add	*10.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	

26 05 33 13-2372 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2324)*

26 05 33 13-2373	EA	1/2" Flexible 90 Degree Connector, Insulated	14.98	5.07
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2374	EA	3/4" Flexible 90 Degree Connector, Insulated	19.54	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2375	EA	1" Flexible 90 Degree Connector, Insulated	24.84	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2376	EA	1-1/4" Flexible 90 Degree Connector, Insulated	45.78	6.92
		For Work In Restricted Working Space, Add	*4.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.15*	
26 05 33 13-2377	EA	1-1/2" Flexible 90 Degree Connector, Insulated	73.57	8.07
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-2378	EA	2" Flexible 90 Degree Connector, Insulated	93.91	9.92
		For Work In Restricted Working Space, Add	*5.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.88*	
26 05 33 13-2379	EA	2-1/2" Flexible 90 Degree Connector, Insulated	226.99	10.61
		For Work In Restricted Working Space, Add	*6.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2380	EA	3" Flexible 90 Degree Connector, Insulated	279.53	12.46
		For Work In Restricted Working Space, Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 05 33 13-2381	EA	3-1/2" Flexible 90 Degree Connector, Insulated	756.30	15.23
		For Work In Restricted Working Space, Add	*8.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 33 13-2382	EA	4" Flexible 90 Degree Connector, Insulated	1,128.95	17.30
		For Work In Restricted Working Space, Add	*10.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	

26 05 33 13-2383 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2324)*

26 05 33 13-2384	EA	3/8" Flexible 45 Degree Connector, Plain	11.36	4.61
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2385	EA	1/2" Flexible 45 Degree Connector, Plain	15.43	5.07
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2386	EA	3/4" Flexible 45 Degree Connector, Plain	19.86	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	

26 05 33 13-2387 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2324)*

26 05 33 13-2388	EA	3/8" Flexible 45 Degree Connector, Insulated	12.21	5.53
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2389	EA	1/2" Flexible 45 Degree Connector, Insulated	16.81	5.07
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2390	EA	3/4" Flexible 45 Degree Connector, Insulated	21.83	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	

26 05 33 13-2391 Plain Screw-In Connector *(26 05 33 13-2324)*

26 05 33 13-2392	EA	3/8" Flexible Steel Screw-in Connector, Plain	5.93	3.69
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2393	EA	1/2" Flexible Steel Screw-in Connector, Plain	6.38	4.15
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2394	EA	3/4" Flexible Steel Screw-in Connector, Plain	8.17	5.07
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2395	EA	1" Flexible Steel Screw-in Connector, Plain	11.75	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2396	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	17.43	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2397	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	21.26	6.92
		For Work In Restricted Working Space, Add	*4.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	
26 05 33 13-2398	EA	2" Flexible Steel Screw-in Connector, Plain	31.53	7.84
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	

26 05 33 13-2399 Insulated Screw-In Connector *(26 05 33 13-2324)*

26 05 33 13-2400	EA	3/8" Flexible Steel Screw-in Connector, Insulated	6.30	3.69
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2401	EA	1/2" Flexible Steel Screw-in Connector, Insulated	6.67	4.15
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2402	EA	3/4" Flexible Steel Screw-in Connector, Insulated	8.92	5.07
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2403	EA	1" Flexible Steel Screw-in Connector, Insulated	12.88	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2404	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	19.05	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2405	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	23.21	6.92
		For Work In Restricted Working Space, Add	*4.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	
26 05 33 13-2406	EA	2" Flexible Steel Screw-in Connector, Insulated	33.24	7.84
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	

26 05 33 13-2407 Screw-In Coupling *(26 05 33 13-2324)*

26 05 33 13-2408	EA	1/2" Flexible Steel Screw-in Coupling	7.09	4.15
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2409	EA	3/4" Flexible Steel Screw-in Coupling	9.35	5.07
		For Work In Restricted Working Space, Add	*2.08*	

26 05 33 13-2410 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2324)*

26 05 33 13-2411	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.72	3.69
		For Work In Restricted Working Space, Add	*1.56*	
26 05 33 13-2412	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	13.30	4.15
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2413	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	17.65	5.07
		For Work In Restricted Working Space, Add	*2.08*	

26 05 33 13-2414 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2324)*

26 05 33 13-2415	EA	3/8" Flexible Straight Connector, Die Cast	6.16	3.69
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2416	EA	1/2" Flexible Straight Connector, Die Cast	6.97	4.15
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2417	EA	3/4" Flexible Straight Connector, Die Cast	8.67	5.07
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2418	EA	1" Flexible Straight Connector, Die Cast	13.14	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2419	EA	1-1/4" Flexible Straight Connector, Die Cast	17.77	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2420	EA	1-1/2" Flexible Straight Connector, Die Cast	24.19	6.92
		For Work In Restricted Working Space, Add	*4.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	
26 05 33 13-2421	EA	2" Flexible Straight Connector, Die Cast	31.37	7.84
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	

26 05 33 13-2422 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2324)*

26 05 33 13-2423	EA	3/8" Flexible 90 Degree Connector, Die Cast	8.15	4.61
		For Work In Restricted Working Space, Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.08*	
26 05 33 13-2424	EA	1/2" Flexible 90 Degree Connector, Die Cast	10.14	5.07
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2425	EA	3/4" Flexible 90 Degree Connector, Die Cast	12.36	5.53
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2426	EA	1" Flexible 90 Degree Connector, Die Cast	19.80	6.46
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 33 13-2427	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	28.26	6.92
		For Work In Restricted Working Space, Add	*4.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.15*	
26 05 33 13-2428	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	44.21	8.07
		For Work In Restricted Working Space, Add	*5.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-2429	EA	2" Flexible 90 Degree Connector, Die Cast	52.94	9.92
		For Work In Restricted Working Space, Add	*5.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.88*	

26 05 33 13-2430 Flexible Liquid Tight Non-Metallic Conduit And Connectors *(26 05 33 13-2282)*

26 05 33 13-2431 Flexible Liquid Tight Non-Metallic Conduit *(26 05 33 13-2430)*

26 05 33 13-2432	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	4.15	1.26
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2433	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	4.24	1.26
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2434	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	5.70	1.68
		For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2435	LF	1" Flexible Liquid Tight Non-Metallic Conduit	7.22	1.68
		For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2436	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	9.17	2.11
		For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-2437	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	11.78	2.53
		For Work In Restricted Working Space, Add	*1.90*	
26 05 33 13-2438	LF	2" Flexible Liquid Tight Non-Metallic Conduit	15.07	3.37
		For Work In Restricted Working Space, Add	*2.53*	

26 05 33 13-2439 Liquid Tight Non-Metallic Straight Connector *(26 05 33 13-2430)*

26 05 33 13-2440	EA	3/8" Liquid Tight Non-Metallic Straight Connector	12.09	3.37
		For Work In Restricted Working Space, Add	*2.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 05 33 13-2441	EA	1/2" Liquid Tight Non-Metallic Straight Connector	12.09	3.37
		For Work In Restricted Working Space, Add	*2.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 05 33 13-2442	EA	3/4" Liquid Tight Non-Metallic Straight Connector	14.91	3.79
		For Work In Restricted Working Space, Add	*2.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.85*	
26 05 33 13-2443	EA	1" Liquid Tight Non-Metallic Straight Connector	18.68	4.21
		For Work In Restricted Working Space, Add	*3.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-2444	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	26.20	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2445	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	32.98	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2446	EA	2" Liquid Tight Non-Metallic Straight Connector	52.05	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	

26 05 33 13-2447 Liquid Tight Non-Metallic 90 Degree Angle Connector *(26 05 33 13-2430)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2448	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.55	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2449	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.55	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2450	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.80	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2451	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	31.29	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-2452	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	32.25	6.33
		For Work In Restricted Working Space, Add	*4.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2453	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	52.14	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-2454	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	70.60	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	

26 05 33 13-2455 Liquid Tight Non-Metallic 45 Degree Angle Connector *(26 05 33 13-2430)*

26 05 33 13-2456	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.55	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2457	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.55	4.63
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2458	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.80	5.05
		For Work In Restricted Working Space, Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-2459	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	31.29	5.90
		For Work In Restricted Working Space, Add	*4.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-2460	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	32.25	6.33
		For Work In Restricted Working Space, Add	*4.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-2461	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	52.14	6.75
		For Work In Restricted Working Space, Add	*5.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-2462	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	70.60	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	

26 05 33 13-2463 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2282)*

Note: Carlon - FLEX-PLUS.

26 05 33 13-2464 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2463)*

26 05 33 13-2465	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	4.55	1.38
		For Work In Restricted Working Space, Add	*1.04*	
26 05 33 13-2466	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	6.13	1.84
		For Work In Restricted Working Space, Add	*1.38*	
26 05 33 13-2467	LF	1" Blue ENT Electrical Non-Metallic Tubing	7.06	1.84
		For Work In Restricted Working Space, Add	*1.38*	

26 05 33 13-2468 Terminal Adapter *(26 05 33 13-2463)*

26 05 33 13-2469	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	11.02	3.69
		For Work In Restricted Working Space, Add	*2.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.77*	
26 05 33 13-2470	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	13.65	4.15
		For Work In Restricted Working Space, Add	*3.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.11*	
26 05 33 13-2471	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	15.74	4.61
		For Work In Restricted Working Space, Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	

26 05 33 13-2472 Coupling *(26 05 33 13-2463)*

26 05 33 13-2473	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	10.79	3.69
		For Work In Restricted Working Space, Add	*2.77*	
26 05 33 13-2474	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	12.40	4.15
		For Work In Restricted Working Space, Add	*3.11*	
26 05 33 13-2475	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	14.57	4.61
		For Work In Restricted Working Space, Add	*3.46*	

26 05 33 13-2476 Metallic Conduit Bodies *(26 05 33 13-0057)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2477		Threaded, Cast Aluminum Conduit Body *(26 05 33 13-2476)* Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)			
26 05 33 13-2478		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2477)*			
26 05 33 13-2479	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		60.48	20.23
		For Mogul LB, Add		*4.90*	
		For Work In Restricted Working Space, Add		*15.17*	
		For Elevated Installation >10' To 15', Add		*5.06*	
		For Elevated Installation >15' To 20', Add		*10.12*	
		For Elevated Installation >20' To 25', Add		*12.65*	
		For Elevated Installation >25' To 30', Add		*17.70*	
		For Elevated Installation >30' To 35', Add		*20.23*	
		For Elevated Installation >35' To 40', Add		*25.29*	
		For Elevated Installation >40', Add		*27.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.17*	
26 05 33 13-2480	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		71.39	23.18
		For Mogul LB, Add		*7.18*	
		For Work In Restricted Working Space, Add		*17.39*	
		For Elevated Installation >10' To 15', Add		*5.80*	
		For Elevated Installation >15' To 20', Add		*11.59*	
		For Elevated Installation >20' To 25', Add		*14.49*	
		For Elevated Installation >25' To 30', Add		*20.28*	
		For Elevated Installation >30' To 35', Add		*23.18*	
		For Elevated Installation >35' To 40', Add		*28.98*	
		For Elevated Installation >40', Add		*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*17.39*	
26 05 33 13-2481	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		86.58	26.97
		For Mogul LB, Add		*10.98*	
		For Work In Restricted Working Space, Add		*20.23*	
		For Elevated Installation >10' To 15', Add		*6.74*	
		For Elevated Installation >15' To 20', Add		*13.49*	
		For Elevated Installation >20' To 25', Add		*16.86*	
		For Elevated Installation >25' To 30', Add		*23.60*	
		For Elevated Installation >30' To 35', Add		*26.98*	
		For Elevated Installation >35' To 40', Add		*33.72*	
		For Elevated Installation >40', Add		*37.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*20.23*	
26 05 33 13-2482	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		105.51	30.77
		For Mogul LB, Add		*17.59*	
		For Work In Restricted Working Space, Add		*23.08*	
		For Elevated Installation >10' To 15', Add		*7.69*	
		For Elevated Installation >15' To 20', Add		*15.39*	
		For Elevated Installation >20' To 25', Add		*19.23*	
		For Elevated Installation >25' To 30', Add		*26.93*	
		For Elevated Installation >30' To 35', Add		*30.77*	
		For Elevated Installation >35' To 40', Add		*38.47*	
		For Elevated Installation >40', Add		*42.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*23.08*	
26 05 33 13-2483	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		121.16	33.72
		For Mogul LB, Add		*23.44*	
		For Work In Restricted Working Space, Add		*25.29*	
		For Elevated Installation >10' To 15', Add		*8.43*	
		For Elevated Installation >15' To 20', Add		*16.86*	
		For Elevated Installation >20' To 25', Add		*21.07*	
		For Elevated Installation >25' To 30', Add		*29.50*	
		For Elevated Installation >30' To 35', Add		*33.72*	
		For Elevated Installation >35' To 40', Add		*42.15*	
		For Elevated Installation >40', Add		*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*25.29*	
26 05 33 13-2484	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		160.72	40.46
		For Mogul LB, Add		*39.61*	
		For Work In Restricted Working Space, Add		*30.35*	
		For Elevated Installation >10' To 15', Add		*10.12*	
		For Elevated Installation >15' To 20', Add		*20.23*	
		For Elevated Installation >20' To 25', Add		*25.29*	
		For Elevated Installation >25' To 30', Add		*35.41*	
		For Elevated Installation >30' To 35', Add		*40.46*	
		For Elevated Installation >35' To 40', Add		*50.58*	
		For Elevated Installation >40', Add		*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*30.35*	
26 05 33 13-2485	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		274.07	56.90
		For Mogul LB, Add		*91.75*	
		For Work In Restricted Working Space, Add		*42.68*	
		For Elevated Installation >10' To 15', Add		*14.23*	
		For Elevated Installation >15' To 20', Add		*28.45*	
		For Elevated Installation >20' To 25', Add		*35.56*	
		For Elevated Installation >25' To 30', Add		*49.79*	
		For Elevated Installation >30' To 35', Add		*56.90*	
		For Elevated Installation >35' To 40', Add		*71.13*	
		For Elevated Installation >40', Add		*78.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*42.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2486	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	359.87	75.86
		For Mogul LB, Add	*118.17*	
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.93*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.38*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2487	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	480.49	94.83
		For Mogul LB, Add	*170.70*	
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2488	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	626.96	115.49
		For Mogul LB, Add	*239.24*	
		For Work In Restricted Working Space, Add	*86.62*	
		For Elevated Installation >10' To 15', Add	*28.87*	
		For Elevated Installation >15' To 20', Add	*57.74*	
		For Elevated Installation >20' To 25', Add	*72.18*	
		For Elevated Installation >25' To 30', Add	*101.05*	
		For Elevated Installation >30' To 35', Add	*115.49*	
		For Elevated Installation >35' To 40', Add	*144.36*	
		For Elevated Installation >40', Add	*158.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.62*	

26 05 33 13-2489 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2477)*

26 05 33 13-2490	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	61.69	20.23
		For Mogul LB, Add	*5.80*	
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.12*	
		For Elevated Installation >20' To 25', Add	*12.65*	
		For Elevated Installation >25' To 30', Add	*17.70*	
		For Elevated Installation >30' To 35', Add	*20.23*	
		For Elevated Installation >35' To 40', Add	*25.29*	
		For Elevated Installation >40', Add	*27.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-2491	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	72.57	23.18
		For Mogul LB, Add	*8.07*	
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2492	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	88.95	26.97
		For Mogul LB, Add	*12.76*	
		For Work In Restricted Working Space, Add	*20.23*	
		For Elevated Installation >10' To 15', Add	*6.74*	
		For Elevated Installation >15' To 20', Add	*13.49*	
		For Elevated Installation >20' To 25', Add	*16.86*	
		For Elevated Installation >25' To 30', Add	*23.60*	
		For Elevated Installation >30' To 35', Add	*26.98*	
		For Elevated Installation >35' To 40', Add	*33.72*	
		For Elevated Installation >40', Add	*37.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.23*	
26 05 33 13-2493	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	108.40	30.77
		For Mogul LB, Add	*19.76*	
		For Work In Restricted Working Space, Add	*23.08*	
		For Elevated Installation >10' To 15', Add	*7.69*	
		For Elevated Installation >15' To 20', Add	*15.39*	
		For Elevated Installation >20' To 25', Add	*19.23*	
		For Elevated Installation >25' To 30', Add	*26.93*	
		For Elevated Installation >30' To 35', Add	*30.77*	
		For Elevated Installation >35' To 40', Add	*38.47*	
		For Elevated Installation >40', Add	*42.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2494	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	126.07	33.72
		For Mogul LB, Add	*27.12*	
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-2495	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	171.25	40.46
		For Mogul LB, Add	*47.51*	
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.29*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	
26 05 33 13-2496	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	268.76	56.90
		For Mogul LB, Add	*87.77*	
		For Work In Restricted Working Space, Add	*42.68*	
		For Elevated Installation >10' To 15', Add	*14.23*	
		For Elevated Installation >15' To 20', Add	*28.45*	
		For Elevated Installation >20' To 25', Add	*35.56*	
		For Elevated Installation >25' To 30', Add	*49.79*	
		For Elevated Installation >30' To 35', Add	*56.90*	
		For Elevated Installation >35' To 40', Add	*71.13*	
		For Elevated Installation >40', Add	*78.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.68*	
26 05 33 13-2497	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	342.00	75.86
		For Mogul LB, Add	*104.76*	
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.93*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.38*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2498	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	495.72	94.83
		For Mogul LB, Add	*182.13*	
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2499	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	658.08	115.49
		For Mogul LB, Add	*262.58*	
		For Work In Restricted Working Space, Add	*86.62*	
		For Elevated Installation >10' To 15', Add	*28.87*	
		For Elevated Installation >15' To 20', Add	*57.74*	
		For Elevated Installation >20' To 25', Add	*72.18*	
		For Elevated Installation >25' To 30', Add	*101.05*	
		For Elevated Installation >30' To 35', Add	*115.49*	
		For Elevated Installation >35' To 40', Add	*144.36*	
		For Elevated Installation >40', Add	*158.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.62*	

26 05 33 13-2500 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2477)*

26 05 33 13-2501	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	71.08	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2502	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	84.34	26.97
		For Work In Restricted Working Space, Add	*20.23*	
		For Elevated Installation >10' To 15', Add	*6.74*	
		For Elevated Installation >15' To 20', Add	*13.49*	
		For Elevated Installation >20' To 25', Add	*16.86*	
		For Elevated Installation >25' To 30', Add	*23.60*	
		For Elevated Installation >30' To 35', Add	*26.98*	
		For Elevated Installation >35' To 40', Add	*33.72*	
		For Elevated Installation >40', Add	*37.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.23*	
26 05 33 13-2503	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	97.68	29.51
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-2504	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	120.55	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-2505	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	139.85	37.09
		For Work In Restricted Working Space, Add	*27.82*	
		For Elevated Installation >10' To 15', Add	*9.27*	
		For Elevated Installation >15' To 20', Add	*18.55*	
		For Elevated Installation >20' To 25', Add	*23.18*	
		For Elevated Installation >25' To 30', Add	*32.46*	
		For Elevated Installation >30' To 35', Add	*37.09*	
		For Elevated Installation >35' To 40', Add	*46.37*	
		For Elevated Installation >40', Add	*51.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 05 33 13-2506	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	189.12	43.42
		For Work In Restricted Working Space, Add	*32.56*	
		For Elevated Installation >10' To 15', Add	*10.85*	
		For Elevated Installation >15' To 20', Add	*21.71*	
		For Elevated Installation >20' To 25', Add	*27.13*	
		For Elevated Installation >25' To 30', Add	*37.99*	
		For Elevated Installation >30' To 35', Add	*43.41*	
		For Elevated Installation >35' To 40', Add	*54.27*	
		For Elevated Installation >40', Add	*59.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.56*	
26 05 33 13-2507	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	300.45	63.22
		For Work In Restricted Working Space, Add	*47.42*	
		For Elevated Installation >10' To 15', Add	*15.81*	
		For Elevated Installation >15' To 20', Add	*31.61*	
		For Elevated Installation >20' To 25', Add	*39.51*	
		For Elevated Installation >25' To 30', Add	*55.32*	
		For Elevated Installation >30' To 35', Add	*63.22*	
		For Elevated Installation >35' To 40', Add	*79.03*	
		For Elevated Installation >40', Add	*86.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.42*	
26 05 33 13-2508	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	388.02	82.19
		For Work In Restricted Working Space, Add	*61.64*	
		For Elevated Installation >10' To 15', Add	*20.55*	
		For Elevated Installation >15' To 20', Add	*41.09*	
		For Elevated Installation >20' To 25', Add	*51.37*	
		For Elevated Installation >25' To 30', Add	*71.91*	
		For Elevated Installation >30' To 35', Add	*82.19*	
		For Elevated Installation >35' To 40', Add	*102.74*	
		For Elevated Installation >40', Add	*113.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.64*	
26 05 33 13-2509	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	632.03	101.16
		For Work In Restricted Working Space, Add	*75.86*	
		For Elevated Installation >10' To 15', Add	*25.29*	
		For Elevated Installation >15' To 20', Add	*50.58*	
		For Elevated Installation >20' To 25', Add	*63.22*	
		For Elevated Installation >25' To 30', Add	*88.51*	
		For Elevated Installation >30' To 35', Add	*101.15*	
		For Elevated Installation >35' To 40', Add	*126.44*	
		For Elevated Installation >40', Add	*139.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2510	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	721.98	121.81
		For Work In Restricted Working Space, Add	*91.36*	
		For Elevated Installation >10' To 15', Add	*30.45*	
		For Elevated Installation >15' To 20', Add	*60.90*	
		For Elevated Installation >20' To 25', Add	*76.13*	
		For Elevated Installation >25' To 30', Add	*106.58*	
		For Elevated Installation >30' To 35', Add	*121.81*	
		For Elevated Installation >35' To 40', Add	*152.26*	
		For Elevated Installation >40', Add	*167.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.36*	

26 05 33 13-2511 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2477)*

26 05 33 13-2512	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	61.93	20.23
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.12*	
		For Elevated Installation >20' To 25', Add	*12.65*	
		For Elevated Installation >25' To 30', Add	*17.70*	
		For Elevated Installation >30' To 35', Add	*20.23*	
		For Elevated Installation >35' To 40', Add	*25.29*	
		For Elevated Installation >40', Add	*27.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-2513	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	71.74	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2514	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.94	26.55
		For Work In Restricted Working Space, Add	*19.92*	
		For Elevated Installation >10' To 15', Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*13.28*	
		For Elevated Installation >20' To 25', Add	*16.60*	
		For Elevated Installation >25' To 30', Add	*23.24*	
		For Elevated Installation >30' To 35', Add	*26.56*	
		For Elevated Installation >35' To 40', Add	*33.20*	
		For Elevated Installation >40', Add	*36.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.92*	
26 05 33 13-2515	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	107.25	30.77
		For Work In Restricted Working Space, Add	*23.08*	
		For Elevated Installation >10' To 15', Add	*7.69*	
		For Elevated Installation >15' To 20', Add	*15.39*	
		For Elevated Installation >20' To 25', Add	*19.23*	
		For Elevated Installation >25' To 30', Add	*26.93*	
		For Elevated Installation >30' To 35', Add	*30.77*	
		For Elevated Installation >35' To 40', Add	*38.47*	
		For Elevated Installation >40', Add	*42.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.08*	
26 05 33 13-2516	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	120.36	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-2517	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	160.80	40.46
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.29*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	
26 05 33 13-2518	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	264.28	56.90
		For Work In Restricted Working Space, Add	*42.68*	
		For Elevated Installation >10' To 15', Add	*14.23*	
		For Elevated Installation >15' To 20', Add	*28.45*	
		For Elevated Installation >20' To 25', Add	*35.56*	
		For Elevated Installation >25' To 30', Add	*49.79*	
		For Elevated Installation >30' To 35', Add	*56.90*	
		For Elevated Installation >35' To 40', Add	*71.13*	
		For Elevated Installation >40', Add	*78.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2519	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	339.15	75.86
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.93*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.38*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2520	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	486.56	94.83
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2521	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	629.82	115.49
		For Work In Restricted Working Space, Add	*86.62*	
		For Elevated Installation >10' To 15', Add	*28.87*	
		For Elevated Installation >15' To 20', Add	*57.74*	
		For Elevated Installation >20' To 25', Add	*72.18*	
		For Elevated Installation >25' To 30', Add	*101.05*	
		For Elevated Installation >30' To 35', Add	*115.49*	
		For Elevated Installation >35' To 40', Add	*144.36*	
		For Elevated Installation >40', Add	*158.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.62*	

26 05 33 13-2522 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2477)*

26 05 33 13-2523	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	82.50	26.55
		For Work In Restricted Working Space, Add	*19.92*	
		For Elevated Installation >10' To 15', Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*13.28*	
		For Elevated Installation >20' To 25', Add	*16.60*	
		For Elevated Installation >25' To 30', Add	*23.24*	
		For Elevated Installation >30' To 35', Add	*26.56*	
		For Elevated Installation >35' To 40', Add	*33.20*	
		For Elevated Installation >40', Add	*36.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.92*	
26 05 33 13-2524	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	95.55	29.51
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-2525	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	118.01	32.46
		For Work In Restricted Working Space, Add	*24.34*	
		For Elevated Installation >10' To 15', Add	*8.11*	
		For Elevated Installation >15' To 20', Add	*16.23*	
		For Elevated Installation >20' To 25', Add	*20.29*	
		For Elevated Installation >25' To 30', Add	*28.40*	
		For Elevated Installation >30' To 35', Add	*32.46*	
		For Elevated Installation >35' To 40', Add	*40.57*	
		For Elevated Installation >40', Add	*44.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.34*	
26 05 33 13-2526	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	136.15	37.09
		For Work In Restricted Working Space, Add	*27.82*	
		For Elevated Installation >10' To 15', Add	*9.27*	
		For Elevated Installation >15' To 20', Add	*18.55*	
		For Elevated Installation >20' To 25', Add	*23.18*	
		For Elevated Installation >25' To 30', Add	*32.46*	
		For Elevated Installation >30' To 35', Add	*37.09*	
		For Elevated Installation >35' To 40', Add	*46.37*	
		For Elevated Installation >40', Add	*51.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 05 33 13-2527	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	177.20	40.46
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.29*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2528	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	214.02	49.73
		For Work In Restricted Working Space, Add	*37.30*	
		For Elevated Installation >10' To 15', Add	*12.43*	
		For Elevated Installation >15' To 20', Add	*24.87*	
		For Elevated Installation >20' To 25', Add	*31.09*	
		For Elevated Installation >25' To 30', Add	*43.52*	
		For Elevated Installation >30' To 35', Add	*49.74*	
		For Elevated Installation >35' To 40', Add	*62.17*	
		For Elevated Installation >40', Add	*68.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.30*	
26 05 33 13-2529	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	404.78	72.91
		For Work In Restricted Working Space, Add	*54.69*	
		For Elevated Installation >10' To 15', Add	*18.23*	
		For Elevated Installation >15' To 20', Add	*36.46*	
		For Elevated Installation >20' To 25', Add	*45.57*	
		For Elevated Installation >25' To 30', Add	*63.80*	
		For Elevated Installation >30' To 35', Add	*72.92*	
		For Elevated Installation >35' To 40', Add	*91.15*	
		For Elevated Installation >40', Add	*100.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.69*	
26 05 33 13-2530	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	497.73	94.83
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2531	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	715.41	117.17
		For Work In Restricted Working Space, Add	*88.51*	
		For Elevated Installation >10' To 15', Add	*29.50*	
		For Elevated Installation >15' To 20', Add	*59.01*	
		For Elevated Installation >20' To 25', Add	*73.76*	
		For Elevated Installation >25' To 30', Add	*103.26*	
		For Elevated Installation >30' To 35', Add	*118.02*	
		For Elevated Installation >35' To 40', Add	*147.52*	
		For Elevated Installation >40', Add	*162.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.51*	
26 05 33 13-2532	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	864.77	140.78
		For Work In Restricted Working Space, Add	*105.58*	
		For Elevated Installation >10' To 15', Add	*35.19*	
		For Elevated Installation >15' To 20', Add	*70.39*	
		For Elevated Installation >20' To 25', Add	*87.99*	
		For Elevated Installation >25' To 30', Add	*123.18*	
		For Elevated Installation >30' To 35', Add	*140.78*	
		For Elevated Installation >35' To 40', Add	*175.97*	
		For Elevated Installation >40', Add	*193.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.58*	

26 05 33 13-2533 Threaded, Malleable Iron Conduit Body *(26 05 33 13-2476)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)

26 05 33 13-2534 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2533)*

26 05 33 13-2535	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	63.85	20.23
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.12*	
		For Elevated Installation >20' To 25', Add	*12.65*	
		For Elevated Installation >25' To 30', Add	*17.70*	
		For Elevated Installation >30' To 35', Add	*20.23*	
		For Elevated Installation >35' To 40', Add	*25.29*	
		For Elevated Installation >40', Add	*27.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-2536	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	74.22	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2537	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	91.69	26.97
		For Work In Restricted Working Space, Add	*20.23*	
		For Elevated Installation >10' To 15', Add	*6.74*	
		For Elevated Installation >15' To 20', Add	*13.49*	
		For Elevated Installation >20' To 25', Add	*16.86*	
		For Elevated Installation >25' To 30', Add	*23.60*	
		For Elevated Installation >30' To 35', Add	*26.98*	
		For Elevated Installation >35' To 40', Add	*33.72*	
		For Elevated Installation >40', Add	*37.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2538	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	120.42	30.77
		For Work In Restricted Working Space, Add	*23.08*	
		For Elevated Installation >10' To 15', Add	*7.69*	
		For Elevated Installation >15' To 20', Add	*15.38*	
		For Elevated Installation >20' To 25', Add	*19.23*	
		For Elevated Installation >25' To 30', Add	*26.92*	
		For Elevated Installation >30' To 35', Add	*30.77*	
		For Elevated Installation >35' To 40', Add	*38.46*	
		For Elevated Installation >40', Add	*42.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.08*	
26 05 33 13-2539	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	137.65	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-2540	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	190.46	40.46
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.29*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	
26 05 33 13-2541	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	325.05	56.90
		For Work In Restricted Working Space, Add	*42.68*	
		For Elevated Installation >10' To 15', Add	*14.23*	
		For Elevated Installation >15' To 20', Add	*28.45*	
		For Elevated Installation >20' To 25', Add	*35.57*	
		For Elevated Installation >25' To 30', Add	*49.79*	
		For Elevated Installation >30' To 35', Add	*56.90*	
		For Elevated Installation >35' To 40', Add	*71.13*	
		For Elevated Installation >40', Add	*78.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.68*	
26 05 33 13-2542	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	462.36	75.86
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.94*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.39*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2543	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	640.78	94.83
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2544	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	766.09	115.49
		For Work In Restricted Working Space, Add	*86.62*	
		For Elevated Installation >10' To 15', Add	*28.87*	
		For Elevated Installation >15' To 20', Add	*57.74*	
		For Elevated Installation >20' To 25', Add	*72.18*	
		For Elevated Installation >25' To 30', Add	*101.05*	
		For Elevated Installation >30' To 35', Add	*115.49*	
		For Elevated Installation >35' To 40', Add	*144.36*	
		For Elevated Installation >40', Add	*158.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.62*	

26 05 33 13-2545 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2533)*

26 05 33 13-2546	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	66.92	20.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-2547	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	75.12	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2548	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	96.38	26.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.23*	
26 05 33 13-2549	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	123.57	30.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.08*	
26 05 33 13-2550	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	141.50	33.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 33 13-2551	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	182.57	40.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2552	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	281.22	56.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.68*	
26 05 33 13-2553	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	383.55	75.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2554	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	687.19	94.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2555	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	800.33	115.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.62*	

26 05 33 13-2556 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2533)*

26 05 33 13-2557	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	79.86	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2558	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	94.12	26.97
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.12*	
		For Elevated Installation >25' To 30', Add	*23.97*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.25*	
		For Elevated Installation >40', Add	*37.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-2559	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	112.51	29.51
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-2560	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	143.29	33.72
		For Work In Restricted Working Space, Add	*24.97*	
		For Elevated Installation >10' To 15', Add	*8.32*	
		For Elevated Installation >15' To 20', Add	*16.65*	
		For Elevated Installation >20' To 25', Add	*20.81*	
		For Elevated Installation >25' To 30', Add	*29.13*	
		For Elevated Installation >30' To 35', Add	*33.30*	
		For Elevated Installation >35' To 40', Add	*41.62*	
		For Elevated Installation >40', Add	*45.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.97*	
26 05 33 13-2561	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	164.89	37.09
		For Work In Restricted Working Space, Add	*27.82*	
		For Elevated Installation >10' To 15', Add	*9.27*	
		For Elevated Installation >15' To 20', Add	*18.55*	
		For Elevated Installation >20' To 25', Add	*23.18*	
		For Elevated Installation >25' To 30', Add	*32.46*	
		For Elevated Installation >30' To 35', Add	*37.09*	
		For Elevated Installation >35' To 40', Add	*46.37*	
		For Elevated Installation >40', Add	*51.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 05 33 13-2562	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	221.58	43.42
		For Work In Restricted Working Space, Add	*32.56*	
		For Elevated Installation >10' To 15', Add	*10.85*	
		For Elevated Installation >15' To 20', Add	*21.71*	
		For Elevated Installation >20' To 25', Add	*27.13*	
		For Elevated Installation >25' To 30', Add	*37.99*	
		For Elevated Installation >30' To 35', Add	*43.41*	
		For Elevated Installation >35' To 40', Add	*54.27*	
		For Elevated Installation >40', Add	*59.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.56*	
26 05 33 13-2563	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	276.65	63.22
		For Work In Restricted Working Space, Add	*47.42*	
		For Elevated Installation >10' To 15', Add	*15.81*	
		For Elevated Installation >15' To 20', Add	*31.61*	
		For Elevated Installation >20' To 25', Add	*39.51*	
		For Elevated Installation >25' To 30', Add	*55.32*	
		For Elevated Installation >30' To 35', Add	*63.22*	
		For Elevated Installation >35' To 40', Add	*79.03*	
		For Elevated Installation >40', Add	*86.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2564	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	402.55	82.19
		For Work In Restricted Working Space, Add	*61.64*	
		For Elevated Installation >10' To 15', Add	*20.55*	
		For Elevated Installation >15' To 20', Add	*41.09*	
		For Elevated Installation >20' To 25', Add	*51.37*	
		For Elevated Installation >25' To 30', Add	*71.91*	
		For Elevated Installation >30' To 35', Add	*82.19*	
		For Elevated Installation >35' To 40', Add	*102.74*	
		For Elevated Installation >40', Add	*113.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.64*	
26 05 33 13-2565	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	724.43	101.16
		For Work In Restricted Working Space, Add	*75.86*	
		For Elevated Installation >10' To 15', Add	*25.29*	
		For Elevated Installation >15' To 20', Add	*50.58*	
		For Elevated Installation >20' To 25', Add	*63.22*	
		For Elevated Installation >25' To 30', Add	*88.51*	
		For Elevated Installation >30' To 35', Add	*101.15*	
		For Elevated Installation >35' To 40', Add	*126.44*	
		For Elevated Installation >40', Add	*139.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.86*	
26 05 33 13-2566	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	835.71	121.81
		For Work In Restricted Working Space, Add	*91.67*	
		For Elevated Installation >10' To 15', Add	*30.56*	
		For Elevated Installation >15' To 20', Add	*61.12*	
		For Elevated Installation >20' To 25', Add	*76.40*	
		For Elevated Installation >25' To 30', Add	*106.95*	
		For Elevated Installation >30' To 35', Add	*122.23*	
		For Elevated Installation >35' To 40', Add	*152.79*	
		For Elevated Installation >40', Add	*168.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.67*	
26 05 33 13-2567		Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2533)*		
26 05 33 13-2568	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	64.08	20.23
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.12*	
		For Elevated Installation >20' To 25', Add	*12.65*	
		For Elevated Installation >25' To 30', Add	*17.70*	
		For Elevated Installation >30' To 35', Add	*20.23*	
		For Elevated Installation >35' To 40', Add	*25.29*	
		For Elevated Installation >40', Add	*27.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-2569	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	78.19	23.18
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.28*	
		For Elevated Installation >30' To 35', Add	*23.18*	
		For Elevated Installation >35' To 40', Add	*28.98*	
		For Elevated Installation >40', Add	*31.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 33 13-2570	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	91.74	26.55
		For Work In Restricted Working Space, Add	*19.92*	
		For Elevated Installation >10' To 15', Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*13.28*	
		For Elevated Installation >20' To 25', Add	*16.60*	
		For Elevated Installation >25' To 30', Add	*23.24*	
		For Elevated Installation >30' To 35', Add	*26.56*	
		For Elevated Installation >35' To 40', Add	*33.20*	
		For Elevated Installation >40', Add	*36.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.92*	
26 05 33 13-2571	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	126.22	30.77
		For Work In Restricted Working Space, Add	*23.08*	
		For Elevated Installation >10' To 15', Add	*7.69*	
		For Elevated Installation >15' To 20', Add	*15.39*	
		For Elevated Installation >20' To 25', Add	*19.23*	
		For Elevated Installation >25' To 30', Add	*26.93*	
		For Elevated Installation >30' To 35', Add	*30.77*	
		For Elevated Installation >35' To 40', Add	*38.47*	
		For Elevated Installation >40', Add	*42.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.08*	
26 05 33 13-2572	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	148.50	33.72
		For Work In Restricted Working Space, Add	*25.29*	
		For Elevated Installation >10' To 15', Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*16.86*	
		For Elevated Installation >20' To 25', Add	*21.07*	
		For Elevated Installation >25' To 30', Add	*29.50*	
		For Elevated Installation >30' To 35', Add	*33.72*	
		For Elevated Installation >35' To 40', Add	*42.15*	
		For Elevated Installation >40', Add	*46.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2573	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	193.56	40.46
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.29*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	
26 05 33 13-2574	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	425.55	106.74
		For Work In Restricted Working Space, Add	*80.02*	
		For Elevated Installation >10' To 15', Add	*26.67*	
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Elevated Installation >20' To 25', Add	*66.68*	
		For Elevated Installation >25' To 30', Add	*93.36*	
		For Elevated Installation >30' To 35', Add	*106.69*	
		For Elevated Installation >35' To 40', Add	*133.37*	
		For Elevated Installation >40', Add	*146.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.02*	
26 05 33 13-2575	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	416.65	75.86
		For Work In Restricted Working Space, Add	*56.90*	
		For Elevated Installation >10' To 15', Add	*18.97*	
		For Elevated Installation >15' To 20', Add	*37.94*	
		For Elevated Installation >20' To 25', Add	*47.42*	
		For Elevated Installation >25' To 30', Add	*66.39*	
		For Elevated Installation >30' To 35', Add	*75.87*	
		For Elevated Installation >35' To 40', Add	*94.84*	
		For Elevated Installation >40', Add	*104.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.90*	
26 05 33 13-2576	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	687.19	94.83
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2577	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	800.31	115.49
		For Work In Restricted Working Space, Add	*86.61*	
		For Elevated Installation >10' To 15', Add	*28.87*	
		For Elevated Installation >15' To 20', Add	*57.74*	
		For Elevated Installation >20' To 25', Add	*72.18*	
		For Elevated Installation >25' To 30', Add	*101.05*	
		For Elevated Installation >30' To 35', Add	*115.48*	
		For Elevated Installation >35' To 40', Add	*144.35*	
		For Elevated Installation >40', Add	*158.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.61*	

26 05 33 13-2578 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2533)*

26 05 33 13-2579	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	90.68	26.55
		For Work In Restricted Working Space, Add	*19.92*	
		For Elevated Installation >10' To 15', Add	*6.64*	
		For Elevated Installation >15' To 20', Add	*13.28*	
		For Elevated Installation >20' To 25', Add	*16.60*	
		For Elevated Installation >25' To 30', Add	*23.24*	
		For Elevated Installation >30' To 35', Add	*26.56*	
		For Elevated Installation >35' To 40', Add	*33.20*	
		For Elevated Installation >40', Add	*36.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.92*	
26 05 33 13-2580	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	98.96	29.51
		For Work In Restricted Working Space, Add	*22.13*	
		For Elevated Installation >10' To 15', Add	*7.38*	
		For Elevated Installation >15' To 20', Add	*14.75*	
		For Elevated Installation >20' To 25', Add	*18.44*	
		For Elevated Installation >25' To 30', Add	*25.82*	
		For Elevated Installation >30' To 35', Add	*29.50*	
		For Elevated Installation >35' To 40', Add	*36.88*	
		For Elevated Installation >40', Add	*40.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 05 33 13-2581	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	115.72	32.46
		For Work In Restricted Working Space, Add	*24.34*	
		For Elevated Installation >10' To 15', Add	*8.11*	
		For Elevated Installation >15' To 20', Add	*16.23*	
		For Elevated Installation >20' To 25', Add	*20.29*	
		For Elevated Installation >25' To 30', Add	*28.40*	
		For Elevated Installation >30' To 35', Add	*32.46*	
		For Elevated Installation >35' To 40', Add	*40.57*	
		For Elevated Installation >40', Add	*44.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2582	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	138.39	37.09
		For Work In Restricted Working Space, Add	*27.82*	
		For Elevated Installation >10' To 15', Add	*9.27*	
		For Elevated Installation >15' To 20', Add	*18.55*	
		For Elevated Installation >20' To 25', Add	*23.18*	
		For Elevated Installation >25' To 30', Add	*32.46*	
		For Elevated Installation >30' To 35', Add	*37.09*	
		For Elevated Installation >35' To 40', Add	*46.37*	
		For Elevated Installation >40', Add	*51.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 05 33 13-2583	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	160.73	40.46
		For Work In Restricted Working Space, Add	*30.35*	
		For Elevated Installation >10' To 15', Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*20.23*	
		For Elevated Installation >20' To 25', Add	*25.28*	
		For Elevated Installation >25' To 30', Add	*35.41*	
		For Elevated Installation >30' To 35', Add	*40.46*	
		For Elevated Installation >35' To 40', Add	*50.58*	
		For Elevated Installation >40', Add	*55.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	
26 05 33 13-2584	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	228.05	49.73
		For Work In Restricted Working Space, Add	*37.30*	
		For Elevated Installation >10' To 15', Add	*12.43*	
		For Elevated Installation >15' To 20', Add	*24.87*	
		For Elevated Installation >20' To 25', Add	*31.09*	
		For Elevated Installation >25' To 30', Add	*43.52*	
		For Elevated Installation >30' To 35', Add	*49.74*	
		For Elevated Installation >35' To 40', Add	*62.17*	
		For Elevated Installation >40', Add	*68.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.30*	
26 05 33 13-2585	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	367.45	72.91
		For Work In Restricted Working Space, Add	*54.69*	
		For Elevated Installation >10' To 15', Add	*18.23*	
		For Elevated Installation >15' To 20', Add	*36.46*	
		For Elevated Installation >20' To 25', Add	*45.57*	
		For Elevated Installation >25' To 30', Add	*63.80*	
		For Elevated Installation >30' To 35', Add	*72.92*	
		For Elevated Installation >35' To 40', Add	*91.15*	
		For Elevated Installation >40', Add	*100.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.69*	
26 05 33 13-2586	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	544.77	94.83
		For Work In Restricted Working Space, Add	*71.12*	
		For Elevated Installation >10' To 15', Add	*23.71*	
		For Elevated Installation >15' To 20', Add	*47.42*	
		For Elevated Installation >20' To 25', Add	*59.27*	
		For Elevated Installation >25' To 30', Add	*82.98*	
		For Elevated Installation >30' To 35', Add	*94.83*	
		For Elevated Installation >35' To 40', Add	*118.54*	
		For Elevated Installation >40', Add	*130.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.12*	
26 05 33 13-2587	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	825.01	117.17
		For Work In Restricted Working Space, Add	*87.88*	
		For Elevated Installation >10' To 15', Add	*29.29*	
		For Elevated Installation >15' To 20', Add	*58.59*	
		For Elevated Installation >20' To 25', Add	*73.23*	
		For Elevated Installation >25' To 30', Add	*102.53*	
		For Elevated Installation >30' To 35', Add	*117.17*	
		For Elevated Installation >35' To 40', Add	*146.47*	
		For Elevated Installation >40', Add	*161.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.88*	
26 05 33 13-2588	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	916.88	140.78
		For Work In Restricted Working Space, Add	*105.58*	
		For Elevated Installation >10' To 15', Add	*35.19*	
		For Elevated Installation >15' To 20', Add	*70.39*	
		For Elevated Installation >20' To 25', Add	*87.99*	
		For Elevated Installation >25' To 30', Add	*123.18*	
		For Elevated Installation >30' To 35', Add	*140.78*	
		For Elevated Installation >35' To 40', Add	*175.97*	
		For Elevated Installation >40', Add	*193.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.58*	

26 05 33 13-2589 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2476)*

Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-2590 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2589)*

26 05 33 13-2591	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.54	8.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2592	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	40.19	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2593	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	55.02	13.06
		For Work In Restricted Working Space, Add	*9.80*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.43*	
		For Elevated Installation >30' To 35', Add	*13.07*	
		For Elevated Installation >35' To 40', Add	*16.34*	
		For Elevated Installation >40', Add	*17.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-2594	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	71.84	16.01
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-2595	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	95.82	18.55
		For Work In Restricted Working Space, Add	*13.91*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.27*	
		For Elevated Installation >20' To 25', Add	*11.59*	
		For Elevated Installation >25' To 30', Add	*16.23*	
		For Elevated Installation >30' To 35', Add	*18.54*	
		For Elevated Installation >35' To 40', Add	*23.18*	
		For Elevated Installation >40', Add	*25.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 05 33 13-2596	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	128.80	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-2597		Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2589)*		
26 05 33 13-2598	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.86	8.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2599	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	41.41	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2600	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	50.79	13.06
		For Work In Restricted Working Space, Add	*9.80*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.43*	
		For Elevated Installation >30' To 35', Add	*13.07*	
		For Elevated Installation >35' To 40', Add	*16.34*	
		For Elevated Installation >40', Add	*17.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2601	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	71.48	16.01
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-2602	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	88.79	18.55
		For Work In Restricted Working Space, Add	*13.91*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.27*	
		For Elevated Installation >20' To 25', Add	*11.59*	
		For Elevated Installation >25' To 30', Add	*16.23*	
		For Elevated Installation >30' To 35', Add	*18.54*	
		For Elevated Installation >35' To 40', Add	*23.18*	
		For Elevated Installation >40', Add	*25.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 05 33 13-2603	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	128.19	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-2604		Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2589)*		
26 05 33 13-2605	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	40.85	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2606	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	53.57	13.06
		For Work In Restricted Working Space, Add	*9.80*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.43*	
		For Elevated Installation >30' To 35', Add	*13.07*	
		For Elevated Installation >35' To 40', Add	*16.34*	
		For Elevated Installation >40', Add	*17.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-2607	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	64.47	16.01
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-2608	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	90.65	18.55
		For Work In Restricted Working Space, Add	*14.54*	
		For Elevated Installation >10' To 15', Add	*4.85*	
		For Elevated Installation >15' To 20', Add	*9.69*	
		For Elevated Installation >20' To 25', Add	*12.12*	
		For Elevated Installation >25' To 30', Add	*16.96*	
		For Elevated Installation >30' To 35', Add	*19.39*	
		For Elevated Installation >35' To 40', Add	*24.24*	
		For Elevated Installation >40', Add	*26.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 05 33 13-2609	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	117.36	21.08
		For Work In Restricted Working Space, Add	*17.07*	
		For Elevated Installation >10' To 15', Add	*5.69*	
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Elevated Installation >20' To 25', Add	*14.23*	
		For Elevated Installation >25' To 30', Add	*19.92*	
		For Elevated Installation >30' To 35', Add	*22.76*	
		For Elevated Installation >35' To 40', Add	*28.45*	
		For Elevated Installation >40', Add	*31.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2610	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	160.34	23.60
		For Work In Restricted Working Space, Add	*19.60*	
		For Elevated Installation >10' To 15', Add	*6.53*	
		For Elevated Installation >15' To 20', Add	*13.07*	
		For Elevated Installation >20' To 25', Add	*16.33*	
		For Elevated Installation >25' To 30', Add	*22.87*	
		For Elevated Installation >30' To 35', Add	*26.13*	
		For Elevated Installation >35' To 40', Add	*32.67*	
		For Elevated Installation >40', Add	*35.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.60*	
26 05 33 13-2611		Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2589)*		
26 05 33 13-2612	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.89	8.01
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.00*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.01*	
		For Elevated Installation >35' To 40', Add	*10.01*	
		For Elevated Installation >40', Add	*11.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-2613	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	44.10	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.22*	
		For Elevated Installation >30' To 35', Add	*10.54*	
		For Elevated Installation >35' To 40', Add	*13.17*	
		For Elevated Installation >40', Add	*14.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-2614	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	56.56	13.06
		For Work In Restricted Working Space, Add	*9.80*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.43*	
		For Elevated Installation >30' To 35', Add	*13.07*	
		For Elevated Installation >35' To 40', Add	*16.34*	
		For Elevated Installation >40', Add	*17.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-2615	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	73.67	16.01
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.02*	
		For Elevated Installation >40', Add	*22.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-2616	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	90.05	18.55
		For Work In Restricted Working Space, Add	*13.91*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.27*	
		For Elevated Installation >20' To 25', Add	*11.59*	
		For Elevated Installation >25' To 30', Add	*16.23*	
		For Elevated Installation >30' To 35', Add	*18.54*	
		For Elevated Installation >35' To 40', Add	*23.18*	
		For Elevated Installation >40', Add	*25.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 05 33 13-2617	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	139.93	21.08
		For Work In Restricted Working Space, Add	*15.80*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.17*	
		For Elevated Installation >25' To 30', Add	*18.44*	
		For Elevated Installation >30' To 35', Add	*21.07*	
		For Elevated Installation >35' To 40', Add	*26.34*	
		For Elevated Installation >40', Add	*28.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-2618		Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2476)*		
26 05 33 13-2619	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	151.40	23.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-2620	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	567.23	42.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.02*	
26 05 33 13-2621	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	1,090.96	86.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2622		Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2476)*		
26 05 33 13-2623		Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2622)*		
26 05 33 13-2624	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	11.46	4.11
26 05 33 13-2625	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	14.12	4.79
26 05 33 13-2626	EA	1" Replacement Stamped Aluminum Conduit Body Cover	18.08	6.17
26 05 33 13-2627	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	22.00	7.53
26 05 33 13-2628	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	27.19	8.90
26 05 33 13-2629	EA	2" Replacement Stamped Aluminum Conduit Body Cover	32.36	10.28
26 05 33 13-2630	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	43.73	11.64
26 05 33 13-2631	EA	3" Replacement Stamped Aluminum Conduit Body Cover	55.72	16.43
26 05 33 13-2632	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	60.48	18.49
26 05 33 13-2633	EA	4" Replacement Stamped Aluminum Conduit Body Cover	76.15	23.28
26 05 33 13-2634		Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2622)*		
26 05 33 13-2635	EA	1/2" Replacement Cast Steel Conduit Body Cover	13.67	4.11
26 05 33 13-2636	EA	3/4" Replacement Cast Steel Conduit Body Cover	16.05	4.79
26 05 33 13-2637	EA	1" Replacement Cast Steel Conduit Body Cover	22.83	6.17
26 05 33 13-2638	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	28.43	7.53
26 05 33 13-2639	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	34.68	8.90
26 05 33 13-2640	EA	2" Replacement Cast Steel Conduit Body Cover	40.93	10.28
26 05 33 13-2641	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	47.13	11.64
26 05 33 13-2642	EA	3" Replacement Cast Steel Conduit Body Cover	63.75	16.43
26 05 33 13-2643	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	73.08	18.49
26 05 33 13-2644	EA	4" Replacement Cast Steel Conduit Body Cover	92.16	23.28
26 05 33 13-2645		Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2622)*		
26 05 33 13-2646	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	10.47	4.11
26 05 33 13-2647	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	11.91	4.79
26 05 33 13-2648	EA	1" Replacement Velbuna Composition Conduit Body Gasket	15.62	6.17
26 05 33 13-2649	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	20.51	7.53
26 05 33 13-2650	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	23.25	8.90
26 05 33 13-2651	EA	2" Replacement Velbuna Composition Conduit Body Gasket	27.80	10.28
26 05 33 13-2652	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	37.48	11.64
26 05 33 13-2653	EA	3" Replacement Velbuna Composition Conduit Body Gasket	47.92	16.43
26 05 33 13-2654	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	53.05	18.49
26 05 33 13-2655	EA	4" Replacement Velbuna Composition Conduit Body Gasket	62.53	23.28
26 05 33 13-2656		Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2622)*		
26 05 33 13-2657	EA	1/2" Replacement Neoprene Conduit Body Gasket	12.01	4.11
26 05 33 13-2658	EA	3/4" Replacement Neoprene Conduit Body Gasket	13.38	4.79
26 05 33 13-2659	EA	1" Replacement Neoprene Conduit Body Gasket	17.54	6.17
26 05 33 13-2660	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	21.48	7.53
26 05 33 13-2661	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	24.22	8.90
26 05 33 13-2662	EA	2" Replacement Neoprene Conduit Body Gasket	27.90	10.28
26 05 33 13-2663	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	37.73	11.64
26 05 33 13-2664	EA	3" Replacement Neoprene Conduit Body Gasket	48.17	16.43
26 05 33 13-2665	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	54.69	18.49
26 05 33 13-2666	EA	4" Replacement Neoprene Conduit Body Gasket	64.17	23.28
26 05 33 16		**Boxes for Electrical Systems** *(26 05 33)*		
		See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.		
26 05 33 16-0001		Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*		
		Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.		
26 05 33 16-0002		4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*		
26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	39.25	17.30
		For Stud Bracket, Add	*1.14*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	41.36	17.30
		For Stud Bracket, Add	*2.05*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	48.62	17.30
		For Stud Bracket, Add	*2.24*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	33.40	11.54
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	26.06	11.54
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	13.75	5.76
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	14.10	5.76
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.34	5.76
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	15.12	5.76
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	15.36	5.76
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	17.87	5.76
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	14.71	5.76
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	14.95	5.76
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	15.25	5.76
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	17.82	5.76
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	18.35	5.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	21.61	5.76
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	15.96	5.76
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	18.04	5.76
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	14.67	5.76
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	14.86	5.76
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	14.63	5.76
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	15.18	5.76
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	15.64	5.76
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	21.40	5.76
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.56	5.76
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	21.40	5.76
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.56	5.76
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.91	5.76
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	21.40	5.76
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	21.40	5.76
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	13.03	5.76

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	47.07	17.30
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	42.29	17.30
		For Stud Bracket, Add	*1.08*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	66.30	17.30
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	35.40	11.54
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	36.57	11.54
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	18.54	5.76
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	18.59	5.76
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	20.63	5.76
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	19.82	5.76
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	19.63	5.76
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	28.12	5.76
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	20.16	5.76
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	20.60	5.76
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	20.63	5.76
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	23.63	5.76
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	24.26	5.76
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	31.52	5.76
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	19.77	5.76
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	19.98	5.76
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	25.60	5.76
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	27.18	5.76
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	25.14	5.76
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	23.43	5.76
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	29.17	5.76
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	27.17	5.76
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	27.17	5.76
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	27.17	5.76
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	14.32	5.76

26 05 33 16-0064 Steel Square Box Brackets *(26 05 33 16-0001)*

26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	19.47	8.66
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	14.87	5.77
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	24.57	8.66
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	27.19	8.66

26 05 33 16-0069 4" Octagon Steel Boxes And Covers *(26 05 33 16-0001)*

26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	32.65	14.41
		For Stud Bracket, Add	*2.77*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	34.50	14.41
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	12.91	5.76

26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers *(26 05 33 16-0001)*

Note: Placed in concrete slabs or walls.

26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	54.50	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	58.18	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	60.84	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	63.39	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	70.78	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	78.50	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	84.20	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	15.45	5.76

26 05 33 16-0082 4-1/2" Steel Gang Boxes *(26 05 33 16-0001)*

26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	58.83	14.41
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	64.95	15.57
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	79.85	17.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	108.63	19.03
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	170.36	20.76
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	87.39	14.41
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	95.38	15.57
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	131.23	17.30
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	172.51	19.03
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	296.68	20.76
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	26.39	5.76
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	26.87	5.76
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	32.37	5.76
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	41.83	5.76
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	62.58	5.76
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	21.66	5.76
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	26.82	5.76
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	33.66	5.76
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	42.36	5.76
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	64.05	5.76

26 05 33 16-0103 Steel Switch Boxes *(26 05 33 16-0001)*

26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	36.21	14.41
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	37.01	14.41
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	41.13	14.41
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	50.39	14.41
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	51.20	14.41
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	63.75	14.41

26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	32.45	14.41
		For Stud Bracket, Add	*4.46*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	33.30	14.41
		For Stud Bracket, Add	*1.92*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	35.20	14.41
		For Stud Bracket, Add	*2.62*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	22.48	8.65
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	21.63	8.65
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.63	2.89
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.79	2.89
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.99	2.89
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	7.04	2.89
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	8.67	2.89
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	7.04	2.89

26 05 33 16-0122 3"-1/2" Depth, 3-3/4" Steel Masonry Boxes *(26 05 33 16-0001)*

26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	50.40	20.19
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	57.83	21.34
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	67.87	23.06
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	78.35	25.38

26 05 33 16-0127 Cast Boxes *(26 05 33 16)*

Note: For flush or surface mount.

26 05 33 16-0128 Cast Iron Alloy Boxes *(26 05 33 16-0127)*

See CSI section 26 27 26 00-0263 for box covers.

26 05 33 16-0129 Shallow, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)*

Note: Up to 2" deep boxes.

26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	97.82	34.60
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	105.62	40.36
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	124.48	49.01
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	122.48	46.14
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	156.25	54.79
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	121.99	46.14
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	146.64	54.79
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	125.08	46.14
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	146.69	54.79
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	121.99	46.14
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	142.87	54.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	145.57	57.66
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	172.34	69.20
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	151.49	57.66
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	194.94	69.20
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	155.36	57.66
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	185.64	69.20
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	145.06	57.66
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	188.26	69.20
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	184.58	69.20
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	222.69	83.62
26 05 33 16-0151		**Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	102.18	34.60
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	117.73	40.36
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	138.45	49.01
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	130.46	46.14
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	150.75	54.79
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	181.23	66.32
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	161.63	54.79
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	207.82	69.20
26 05 33 16-0160		**Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	117.32	37.49
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	130.13	43.25
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	151.32	51.90
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	142.48	49.01
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	162.02	57.66
26 05 33 16-0166		**Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	130.42	37.49
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	142.46	43.25
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	162.20	49.01
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	182.86	57.66
26 05 33 16-0171		**Cast Aluminum Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0172		**Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	86.28	28.84
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	98.96	34.60
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	110.43	43.25
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	81.20	28.84
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	102.55	34.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	109.85	40.36
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	132.02	49.01
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	165.57	60.55
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	118.69	40.36
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	127.72	49.01
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	113.67	40.36
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	130.72	49.01
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	110.42	40.36
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	130.72	49.01
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	102.92	40.36
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	138.70	49.01
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	131.15	51.90
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	159.39	63.44
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	138.92	51.90
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	186.32	63.44
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	138.27	51.90
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	169.64	63.44
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	171.95	63.44
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	168.62	63.44
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	205.86	77.85
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	95.30	28.84
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	114.18	34.60
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	131.35	43.25
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	122.41	34.60
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	121.51	40.36
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	146.34	49.01
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	164.23	60.55
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	148.25	49.01
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	181.66	63.44
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	113.70	31.71
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	130.32	37.49
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	140.51	46.14
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	142.46	43.25
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	146.05	51.90
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	180.34	63.44
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	113.60	31.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	131.55	37.49
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	145.27	43.25
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	164.90	51.90
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	145.27	43.25
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	164.90	51.90
26 05 33 16-0222		**Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	152.55	46.14
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	171.45	54.79
26 05 33 16-0225		**Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	172.74	40.36
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	192.93	49.01
26 05 33 16-0228		**Cast Aluminum Explosion Proof Outlet Bodies** *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	179.16	46.14
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	221.59	51.90
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	203.59	57.66
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	198.61	51.90
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	241.67	57.66
26 05 33 16-0234		**Non Metallic (PVC) Boxes** *(26 05 33 16)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0235		**Shallow, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	60.79	24.22
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	69.25	28.26
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	78.12	34.31
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	77.33	32.30
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	90.70	38.35
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	110.04	46.43
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	77.65	32.30
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	89.83	38.35
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	107.06	46.43
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	98.21	40.36
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	110.91	48.44
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	130.06	58.54
26 05 33 16-0248		**Deep, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	61.75	24.22
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	60.06	24.22
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	71.53	28.26
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	79.06	34.31
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	79.22	32.30
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	88.22	38.35
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	105.22	46.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0256		**Shallow, Two Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	65.33	26.24
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	74.75	30.28
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	82.32	36.33
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	79.27	34.31
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	98.85	40.36
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	116.69	48.44
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	81.51	34.31
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	105.04	40.36
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	111.72	48.44
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	99.47	42.39
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	133.02	50.46
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	133.94	60.55
26 05 33 16-0269		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0270		**Surface Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	473.64	43.25
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	302.75	
26 05 33 16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	43.34	11.54
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	50.96	5.76
26 05 33 16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	535.21	46.14
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	283.79	
26 05 33 16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	73.87	17.30
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	50.96	5.76
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	147.55	11.54
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	424.19	40.36
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	35.72	5.76
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	422.27	40.36
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	49.29	5.76
26 05 33 16-0284		**Recessed Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		**Evolution 6AT Poke Thru Units** *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	812.09	46.14
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	812.19	46.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	774.12	46.14
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	774.12	46.14
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	812.09	46.14
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	812.09	46.14
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	741.98	46.14
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	465.91	43.25
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	499.49	43.25
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	502.82	43.25
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	143.08	23.06
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	326.94	11.54
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	326.94	11.54
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	271.88	11.54
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	39.39	2.89
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	19.53	5.76
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.51	5.76
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	19.44	5.76
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	19.50	5.76
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	19.37	5.76
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	22.83	5.76
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.58	5.76
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	23.13	5.76
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.08	5.76
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.10	5.76
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	18.84	5.76

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26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	18.84	5.76
26 05 33 16-0313	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	45.11	8.65
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	17.27	5.76
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	17.70	5.76
26 05 33 16-0316	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	141.07	10.38
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	22.31	5.76
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	23.24	5.76
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	23.90	5.76
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	36.82	11.54
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	42.25	14.41
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	46.52	14.41
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	35.37	11.54
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	23.08	5.76
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	23.08	5.76
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	24.31	5.76
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	25.14	5.76
26 05 33 16-0328		**Evolution 8AT Poke Thru Units** *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,064.66	46.14
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,013.42	46.14
26 05 33 16-0331	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,076.26	46.14
26 05 33 16-0332	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,003.78	46.14
26 05 33 16-0333	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	994.64	46.14
26 05 33 16-0334	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	601.49	43.25
26 05 33 16-0335	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	673.67	43.25
26 05 33 16-0336	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	171.25	23.06
26 05 33 16-0337	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	353.53	11.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	353.53	11.54
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	61.30	2.89
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	20.17	5.76
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.28	5.76
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.41	5.76
26 05 33 16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.61	5.76
26 05 33 16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	28.54	5.76
26 05 33 16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	28.50	5.76
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	19.57	5.76
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	19.81	5.76
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.57	5.76
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.57	5.76
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	28.10	5.76
26 05 33 16-0351	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	23.47	5.76
26 05 33 16-0352	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	27.01	5.76
26 05 33 16-0353	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	36.82	11.54

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	25.46	5.26
		For Combination Hinged Screw Cover, Add	*0.75*	
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	21.21	7.90
		For Combination Hinged Screw Cover, Add	*0.27*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	25.11	9.86
		For Combination Hinged Screw Cover, Add	*0.27*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	52.76	18.44
		For Combination Hinged Screw Cover, Add	*0.79*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	84.38	18.44
		For Combination Hinged Screw Cover, Add	*2.38*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	124.93	26.24
		For Combination Hinged Screw Cover, Add	*3.63*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	140.21	28.98
		For Combination Hinged Screw Cover, Add	*4.11*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	31.20	6.64
		For Combination Hinged Screw Cover, Add	*0.90*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	55.73	6.64
		For Combination Hinged Screw Cover, Add	*2.13*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	17.24	5.80
		For Combination Hinged Screw Cover, Add	*0.28*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	27.78	11.06
		For Combination Hinged Screw Cover, Add	*0.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0016		EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	62.35	22.55
			For Combination Hinged Screw Cover, Add	*0.86*	
26 05 33 23-0017		EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	97.12	22.55
			For Combination Hinged Screw Cover, Add	*2.60*	
26 05 33 23-0018		EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	137.39	29.29
			For Combination Hinged Screw Cover, Add	*3.94*	
26 05 33 23-0019		EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	158.73	34.24
			For Combination Hinged Screw Cover, Add	*4.51*	
26 05 33 23-0020			6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0021		LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	46.58	7.90
			For Combination Hinged Screw Cover, Add	*1.53*	
			For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0022		LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	89.55	7.90
			For Combination Hinged Screw Cover, Add	*3.69*	
			For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0023		EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	21.73	6.33
			For Combination Hinged Screw Cover, Add	*0.45*	
26 05 33 23-0024		EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	35.43	13.18
			For Combination Hinged Screw Cover, Add	*0.45*	
26 05 33 23-0025		EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	87.70	26.24
			For Combination Hinged Screw Cover, Add	*1.77*	
26 05 33 23-0026		EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	124.42	26.24
			For Combination Hinged Screw Cover, Add	*3.60*	
26 05 33 23-0027		EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	194.93	32.77
			For Combination Hinged Screw Cover, Add	*6.47*	
26 05 33 23-0028		EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	211.44	37.93
			For Combination Hinged Screw Cover, Add	*6.78*	
26 05 33 23-0029			8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0030		LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	74.78	8.64
			For Combination Hinged Screw Cover, Add	*2.88*	
			For Concrete Or Masonry Surface, Add	*0.86*	
26 05 33 23-0031		LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	136.04	8.64
			For Combination Hinged Screw Cover, Add	*5.94*	
			For Concrete Or Masonry Surface, Add	*0.86*	
26 05 33 23-0032		EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	23.93	6.85
			For Combination Hinged Screw Cover, Add	*0.51*	
26 05 33 23-0033		EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	38.68	14.23
			For Combination Hinged Screw Cover, Add	*0.51*	
26 05 33 23-0034		EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	97.84	28.87
			For Combination Hinged Screw Cover, Add	*2.00*	
26 05 33 23-0035		EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	157.47	28.87
			For Combination Hinged Screw Cover, Add	*4.99*	
26 05 33 23-0036		EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	234.16	35.62
			For Combination Hinged Screw Cover, Add	*8.15*	
26 05 33 23-0037		EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	326.43	43.21
			For Combination Hinged Screw Cover, Add	*12.00*	
26 05 33 23-0038			10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0039		LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	108.39	10.01
			For Combination Hinged Screw Cover, Add	*4.42*	
			For Concrete Or Masonry Surface, Add	*1.00*	
26 05 33 23-0040		LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	191.28	10.01
			For Combination Hinged Screw Cover, Add	*8.56*	
			For Concrete Or Masonry Surface, Add	*1.00*	
26 05 33 23-0041		EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	33.37	7.90
			For Combination Hinged Screw Cover, Add	*0.88*	
26 05 33 23-0042		EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	49.18	15.80
			For Combination Hinged Screw Cover, Add	*0.88*	
26 05 33 23-0043		EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	130.01	31.40
			For Combination Hinged Screw Cover, Add	*3.36*	
26 05 33 23-0044		EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	248.30	31.40
			For Combination Hinged Screw Cover, Add	*9.27*	
26 05 33 23-0045		EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	374.96	39.62
			For Combination Hinged Screw Cover, Add	*14.79*	
26 05 33 23-0046		EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	534.07	44.78
			For Combination Hinged Screw Cover, Add	*22.23*	
26 05 33 23-0047			12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0048		LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	127.31	12.12
			For Combination Hinged Screw Cover, Add	*5.15*	
			For Concrete Or Masonry Surface, Add	*1.21*	
26 05 33 23-0049		LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	210.61	12.12
			For Combination Hinged Screw Cover, Add	*9.32*	
			For Concrete Or Masonry Surface, Add	*1.21*	
26 05 33 23-0050		EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	43.71	8.43
			For Combination Hinged Screw Cover, Add	*1.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	60.57	16.85
		For Combination Hinged Screw Cover, Add	*1.34*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	170.01	34.24
		For Combination Hinged Screw Cover, Add	*5.08*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	326.66	34.24
		For Combination Hinged Screw Cover, Add	*12.91*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	421.13	42.15
		For Combination Hinged Screw Cover, Add	*16.84*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	684.60	47.42
		For Combination Hinged Screw Cover, Add	*29.49*	

26 05 33 23-0056 Surface Metal Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface.

26 05 33 23-0057 One Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0058 3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	4.61	1.58
		For Concrete Or Masonry Surface, Add	*0.16*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	4.56	2.11
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	4.60	2.11
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	4.77	2.11
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	7.20	2.53
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	11.84	2.64
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	8.97	3.16
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	8.77	3.16

26 05 33 23-0067 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*

Note: Available in ivory and white.

26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	5.78	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0069	EA	Bushing (Wiremold #702)	4.66	2.11
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	4.80	2.11
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	4.83	2.11
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	10.57	4.21
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	16.30	4.21
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	11.36	4.21
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	11.00	4.21

26 05 33 23-0076 One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	30.23	3.16
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	4.77	2.11
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	4.77	2.11
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	13.43	3.16
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	11.41	3.16
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	13.06	4.21
26 05 33 23-0083	EA	Tee (Wiremold #5715)	14.77	5.26
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	24.97	4.21
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	19.35	4.21
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	10.45	2.64
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	23.82	4.21
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	23.72	4.21
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	11.06	2.64
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	21.61	4.21
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	20.87	4.21
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	21.05	4.21
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	21.05	4.21
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	23.72	4.21
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	23.44	4.21
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	24.98	4.21
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	28.46	6.85
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	45.33	13.18
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	21.71	6.85
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	33.86	6.85
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	38.69	6.85
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	58.31	6.85
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	30.63	5.80
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	34.11	5.80
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	54.27	5.80
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	22.63	6.85
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	20.00	6.85

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0108		EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	27.79	6.85
26 05 33 23-0109		EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	53.29	6.85
26 05 33 23-0110		EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	21.32	6.85
26 05 33 23-0111		EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	29.37	6.85
26 05 33 23-0112		EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	51.82	6.85
26 05 33 23-0113		EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	76.52	6.85
26 05 33 23-0114		EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	125.63	6.85
26 05 33 23-0115		EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	127.82	6.85
26 05 33 23-0116		EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	21.07	6.85
26 05 33 23-0117		EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	20.51	6.85
26 05 33 23-0118		EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	27.00	6.85
26 05 33 23-0119		EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	52.32	6.85
26 05 33 23-0120		EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	22.10	6.85
26 05 33 23-0121		EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	28.37	6.85
26 05 33 23-0122		EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	40.51	6.85
26 05 33 23-0123		EA	Blank Extension Box (Wiremold #5760)	14.10	2.64
26 05 33 23-0124		EA	1/2" Special Nipple (Wiremold #5780)	13.44	2.64
26 05 33 23-0125		EA	1/2" Box Connector (Wiremold #5781)	9.05	2.64
26 05 33 23-0126		EA	3/4" Box Connector (Wiremold #5781A)	16.87	3.16
26 05 33 23-0127		EA	1/2" Conduit Connector (Wiremold #5782)	9.13	2.64
26 05 33 23-0128		EA	3/4" Conduit Connector (Wiremold #5782A)	21.04	3.16
26 05 33 23-0129		EA	1/2" Elbow Conduit Connector (Wiremold #5784)	18.89	3.16
26 05 33 23-0130		EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	10.68	3.16
26 05 33 23-0131		EA	Offset Connector (Wiremold #5786)	17.56	3.16
26 05 33 23-0132		EA	Armor Cable Connector (Wiremold #5790B)	9.27	2.64
26 05 33 23-0133		EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	8.17	2.11
26 05 33 23-0134			1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
			Note: Galvanized finish.		
26 05 33 23-0135		LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	8.28	2.64
			For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0136		EA	Wire Clip (Wiremold #1500WC)	5.21	2.11
26 05 33 23-0137		EA	Bushing (Wiremold #1502)	6.19	2.64
26 05 33 23-0138		EA	2-Hole Strap (Wiremold #1504)	7.03	3.16
26 05 33 23-0139		EA	Flat Elbow (Wiremold #1511)	26.94	10.01
26 05 33 23-0140		EA	Internal Elbow (Wiremold #1517)	27.80	10.01
26 05 33 23-0141		EA	Adapter Fitting (Wiremold #1517B)	29.80	10.01
26 05 33 23-0142		EA	External Elbow (Wiremold #1518)	29.63	10.01
26 05 33 23-0143		EA	Utility Box (Wiremold #1528)	26.50	6.85
26 05 33 23-0144		EA	Junction Box (Wiremold #1542D)	27.30	6.85
26 05 33 23-0145		EA	Duplex Receptacle (Wiremold #1543GL)	53.47	13.18
26 05 33 23-0146		EA	Single Receptacle Box (Wiremold #1546A)	28.09	6.85
26 05 33 23-0147		EA	Duplex Receptacle Box (Wiremold #1546B)	34.18	6.85
26 05 33 23-0148		EA	Telephone Box (Wiremold #1546T)	33.55	6.85
26 05 33 23-0149		EA	Combination Connection (Wiremold #1585)	16.20	3.16
26 05 33 23-0150			2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
			Note: Galvanized finish.		
26 05 33 23-0151		LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	14.49	4.74
			For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0152		EA	Wire Clip (Wiremold #2600WC)	5.41	2.11
26 05 33 23-0153		EA	Fiber Bushing (Wiremold #2602)	6.08	2.11
26 05 33 23-0154		EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	22.32	3.69
26 05 33 23-0155		EA	5" Diameter, Junction Box (Wiremold #2642D)	33.45	5.26
26 05 33 23-0156		EA	Service Fitting (Wiremold #2686FO)	32.63	6.33
26 05 33 23-0157			Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158			1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159		LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.23	2.64
			For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0160		EA	Wire Clip (Wiremold #2000WC)	3.93	2.11
26 05 33 23-0161		EA	Coupling (Wiremold #2001)	10.44	2.64
26 05 33 23-0162		EA	Supporting Clip (Wiremold #2003)	5.10	1.58
26 05 33 23-0163		EA	Cover Clip (Wiremold #2006)	4.72	1.58
26 05 33 23-0164		EA	Ground Clamp (Wiremold #2009)	12.34	2.64
26 05 33 23-0165		EA	Entrance End Fitting (Wiremold #2010A2)	24.28	7.90
26 05 33 23-0166		EA	Entrance End Fitting (Wiremold #2010A3)	41.70	10.54
26 05 33 23-0167		EA	Blank End Fitting (Wiremold #2010B)	6.40	2.64
26 05 33 23-0168		EA	Flat 90 Degree Elbow (Wiremold #2011)	20.88	6.85
26 05 33 23-0169		EA	Tee (Wiremold #2015)	38.44	9.91
26 05 33 23-0170		EA	Internal Corner Coupling (Wiremold #2017TC)	13.33	5.26
26 05 33 23-0171		EA	Single Gang Device Box (Wiremold #2048)	31.66	9.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2)	50.19	10.43
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H)	34.29	10.43
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089)	28.49	5.26
26 05 33 23-0175	EA	#2089E End Reducing Connector	11.72	2.64
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.01	2.64
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	7.71	2.64
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C)	2.84	0.53
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC)	3.93	2.11
26 05 33 23-0181	EA	Coupling (Wiremold #2401)	10.36	2.64
26 05 33 23-0182	EA	Divided Raceway Coupling (Wiremold #2401D)	8.61	2.64
26 05 33 23-0183	EA	Cover Clip (Wiremold #2406)	4.76	1.58
26 05 33 23-0184	EA	Device Bracket Frame (Wiremold #2407-2CM)	35.75	7.90
26 05 33 23-0185	EA	Device Bracket Frame (Wiremold #2407-2TJ)	34.22	7.90
26 05 33 23-0186	EA	Ground Clamp (Wiremold #2409)	9.39	2.11
26 05 33 23-0187	EA	End Fitting (Wiremold #2410A)	23.26	7.90
26 05 33 23-0188	EA	Blank End (Wiremold #2410B)	6.47	2.64
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	6.55	2.64
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	35.61	7.90
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	34.13	7.90
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	56.24	7.90
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	42.98	7.90
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	26.13	7.90
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	42.15	7.90
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	37.71	7.80
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M)	24.89	7.90
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO)	45.27	7.80
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	43.02	7.80
26 05 33 23-0200	EA	Tee (Wiremold #2415M)	29.61	7.80
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D)	24.62	7.80
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	38.95	7.80
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	37.78	7.80
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	23.84	7.80
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	42.39	7.80
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	41.70	7.80
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	29.10	7.80
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	38.57	6.85
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	42.88	6.85
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	43.10	6.85
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	41.28	6.85
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	58.48	6.85
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	51.41	6.85
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	26.86	6.85
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	41.93	6.85
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	12.84	2.64
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	30.31	7.90
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	91.45	7.90
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	26.47	4.21
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	13.42	4.74
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.09	0.53
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.09	2.11
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	13.26	2.11
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	12.80	2.64
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	9.55	2.64
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	5.58	2.11
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	14.24	4.21
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	14.01	3.16
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	33.03	10.01
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	12.17	4.21
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	36.41	10.01
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	54.42	13.06
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	39.42	13.18
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	74.56	16.33
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	35.61	10.01
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	43.58	10.01
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38"-1.4" (Wiremold #3027AE)	31.54	10.01
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	52.39	10.01
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56"-1.57" (Wiremold #3033JE)	16.81	2.64
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	18.35	2.64
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	16.77	2.64

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	20.38	3.16
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	53.15	13.70
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	58.80	10.01
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	16.98	3.16
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	20.03	2.64
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	79.52	6.33
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	195.16	6.33
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	69.15	6.33
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	74.89	6.33
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	74.89	6.33
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	23.69	3.16
26 05 33 23-0254		4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	15.94	4.74
		For Concrete Or Masonry Surface, Add	*0.51*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	5.43	0.53
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	2.71	0.53
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	6.01	2.64
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	15.81	3.16
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	7.68	3.16
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	7.80	3.16
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	30.51	6.85
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	16.58	4.21
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	63.69	16.22
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	58.73	13.18
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	68.78	13.18
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	64.46	16.33
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	84.56	16.33
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	93.37	16.33
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	96.92	16.33
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	114.95	16.33
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	115.29	16.33
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	53.14	16.33
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	91.81	16.33
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	58.46	16.33
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	50.33	16.33
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	77.30	16.33
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	89.05	16.33
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	73.61	6.85
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	77.95	6.85
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	77.95	6.85
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	103.66	6.85
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	23.08	6.85
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	66.24	3.16
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	79.75	6.85
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	22.53	6.85
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	26.08	6.85
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	25.38	5.26
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	116.66	16.33
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	105.52	16.33
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	105.52	16.33
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	89.27	31.08
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	54.26	16.33
26 05 33 23-0294		4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	23.37	5.80
		For Concrete Or Masonry Surface, Add	*0.58*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	6.67	1.58
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	6.96	1.58
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	7.06	2.64
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	19.79	5.26
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	9.11	2.64
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	25.17	6.85
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	23.95	6.85
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	25.06	6.85
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	27.33	6.85
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	39.72	10.01
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	43.67	15.80
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	79.69	15.80
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	80.90	15.17
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	114.56	16.33
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	82.81	17.92
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	142.08	17.92
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	136.87	15.80
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	147.87	15.80
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	94.07	36.67

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0315		Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)* Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0316		1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*		
26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	10.33	2.64
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	5.07	0.53
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.05	2.11
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	11.27	2.64
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	5.44	1.58
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	6.86	1.58
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	9.85	2.64
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	27.59	7.90
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	8.93	2.64
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	31.75	6.85
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	43.12	9.91
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	28.64	5.26
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	28.58	5.26
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	46.93	10.43
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	107.17	9.37
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	48.20	9.37
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	98.87	10.43
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	49.88	9.37
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	87.53	10.43
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	38.13	10.43
26 05 33 23-0337		2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)*		
26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	11.69	2.64
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	5.32	0.53
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	6.92	2.11
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	13.05	2.64
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	8.98	1.58
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	7.91	2.11
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	9.95	2.64
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	21.49	7.90
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	38.80	7.90
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	42.28	7.80
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	49.57	7.80
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	38.67	7.80
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	41.60	7.80
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	34.67	7.90
26 05 33 23-0352		2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*		
26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	19.78	4.74
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	5.72	0.53
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	4.73	4.74
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	9.31	2.11
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	17.16	2.11
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	14.11	2.64
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	9.53	2.11
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	19.81	4.21
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	32.55	10.01
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311) Note: Includes two (2) AL3301 couplings.	96.96	13.06
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315) Note: Includes three (3) AL3301 couplings.	111.38	16.33
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316) Note: Includes four (4) AL3301 couplings.	125.72	16.33
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317) Note: Includes two (2) AL3301 couplings.	90.59	10.01
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318) Note: Includes two (2) AL3301 couplings.	90.69	10.01
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	20.22	3.16
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	20.09	3.16
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	19.88	3.16
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	19.82	2.64
26 05 33 23-0371		5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*		
26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	25.76	4.74
		For Concrete Or Masonry Surface, Add	*0.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	10.68	0.53
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	6.25	0.53
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	8.53	2.64
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	7.14	2.64
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	7.09	2.64
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	16.57	3.16
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	14.75	3.16
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	18.32	3.16
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	19.38	4.21
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	20.82	4.21
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	21.14	4.21
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	20.49	4.21
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211) Note: Includes two (2) pairs of AL5201 couplings.	107.60	13.18
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	84.24	16.33
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215) Note: Includes three (3) pairs of AL5201 couplings.	125.85	16.33
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216) Note: Includes four (4) pairs of AL5201 couplings.	138.17	16.33
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217) Note: Includes two (2) pairs of AL5201 couplings.	111.52	16.33
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	46.68	16.33
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	114.65	16.33
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218) Note: Includes two (2) pairs of AL5201 couplings.	112.49	16.33
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	24.15	3.16
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	28.65	3.16
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	34.04	3.16
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	31.92	3.16
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	29.45	3.16
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	27.44	6.85

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)

(26 05 33 23-0315)

26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	20.84	4.74
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	10.15	3.16
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	17.46	4.21
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	18.68	4.21
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811) Note: Includes two (2) ALA01 couplings.	93.49	13.18
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815) Note: Includes three (3) ALA01 couplings.	97.18	16.33
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817) Note: Includes two (2) ALA01 couplings.	94.86	16.33
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N) Note: Includes two (2) ALA01 couplings.	110.90	16.33
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818) Note: Includes two (2) ALA01 couplings.	96.05	16.33

26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

(26 05 33 23-0315)

26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	34.69	4.74
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	15.02	3.16
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	19.68	4.21
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	21.90	4.21
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811) Note: Includes four (4) ALA01 couplings.	127.94	13.18
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815) Note: Includes six (6) ALA01 couplings.	175.09	16.33
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817) Note: Includes four (4) ALA01 couplings.	118.30	16.33
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N) Note: Includes four (4) ALA01 couplings.	139.22	16.33
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818) Note: Includes four (4) ALA01 couplings.	124.19	16.33

26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)*

See CSI section 26 27 26 00-0010 for receptacles.

26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5) Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	7.48	0.53
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	6.75	2.64
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	16.93	3.16
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	14.47	3.16
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	39.35	13.18
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	46.96	16.33
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	43.77	13.18
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	18.23	3.16
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	19.44	3.16
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	20.24	3.16

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	21.32	3.16
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	19.60	3.16
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	20.25	3.16
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	20.78	3.16
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	26.64	3.16
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	25.04	3.16
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	28.86	3.16
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	20.37	3.16
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	27.88	3.16
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	25.51	3.16
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	20.73	3.16
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	25.74	3.16

26 05 33 23-0442 Surface Non-Metallic Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface.

26 05 33 23-0443 One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)*

Note: Exposed on flat wall surface. (Wiremold or approved equal).

26 05 33 23-0444 7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)*

26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)	6.64	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC)	4.72	2.11
26 05 33 23-0447	EA	Cover Clip (Wiremold #406)	5.05	2.11
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B)	9.63	4.21
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411)	11.64	4.21
26 05 33 23-0450	EA	Tee (Wiremold #415)	14.67	5.26
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417)	11.38	4.21
26 05 33 23-0452	EA	External Elbow (Wiremold #418)	11.38	4.21

26 05 33 23-0453 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)*

26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)	7.00	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC)	4.67	2.11
26 05 33 23-0456	EA	Cover Clip (Wiremold #806)	4.78	2.11
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2)	14.63	4.21
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B)	9.43	4.21
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811)	10.94	4.21
26 05 33 23-0460	EA	Tee (Wiremold #815)	13.74	5.26
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817)	10.72	4.21
26 05 33 23-0462	EA	External Elbow (Wiremold #818)	10.72	4.21
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A)	12.14	4.21

26 05 33 23-0464 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) *(26 05 33 23-0443)*

26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	8.01	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	8.53	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC)	4.89	2.11
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306)	5.16	2.11
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	15.77	4.21
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B)	9.92	4.21
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	17.76	4.21
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311)	11.09	4.21
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	11.94	4.21
26 05 33 23-0474	EA	Tee (Wiremold #2315)	13.80	5.26
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317)	11.09	4.21
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	11.95	4.21
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	11.12	4.21
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	12.10	4.21
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389)	12.12	4.21
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A)	12.66	4.21

26 05 33 23-0481 One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) *(26 05 33 23-0443)*

26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336)	13.54	3.69
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	22.29	4.21
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	22.42	4.21
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	20.21	4.21
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	23.46	4.21
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	22.04	4.21
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	23.96	4.21
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	20.04	6.85
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	22.89	6.85
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	20.87	6.85

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	25.18	6.85
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	30.18	6.85
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	28.59	6.85
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	25.86	6.85
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	19.61	6.85
26 05 33 23-0497		3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) *(26 05 33 23-0443)*		
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	5.84	2.11
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC)	2.46	1.05
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706)	3.84	1.05
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	5.92	2.11
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	7.02	2.64
26 05 33 23-0503	EA	Tee (Wiremold #2715)	11.26	4.74
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	8.09	3.16
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	8.07	3.16
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	9.54	3.69
26 05 33 23-0507		1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) *(26 05 33 23-0443)*		
26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	7.31	2.64
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	3.60	1.58
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	4.82	1.58
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	6.92	2.64
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	9.12	3.69
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	9.71	3.69
26 05 33 23-0514	EA	Tee (Wiremold #2815)	13.33	5.80
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	10.14	4.21
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	10.17	4.21
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	14.13	5.80
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	10.87	4.21
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	10.76	4.21
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	11.45	4.74
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889)	10.31	4.21
26 05 33 23-0522		1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)*		
26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	8.92	3.16
		For Concrete Or Masonry Surface, Add	*0.32*	
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	4.76	2.11
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906)	6.01	2.11
26 05 33 23-0526	EA	Blank End (Wiremold #2910B)	8.13	3.16
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911)	10.24	4.21
26 05 33 23-0528	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	11.19	4.21
26 05 33 23-0529	EA	Tee (Wiremold #2915)	14.45	6.33
26 05 33 23-0530	EA	Radiused Tee (Wiremold #2915FO)	15.43	6.33
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917)	11.30	4.74
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO)	12.29	4.74
26 05 33 23-0533	EA	External Elbow (Wiremold #2918)	11.29	4.74
26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO)	12.57	4.74
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	11.46	4.74
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	12.73	5.26
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	12.40	5.26
26 05 33 23-0538		Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)*		
		Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539		5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)*		
26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	14.27	4.74
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	13.54	4.74
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	25.92	4.74
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	21.03	4.74
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.93	0.53
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	8.14	0.53
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	5.03	0.53
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	13.06	5.26
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	7.35	2.64
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	9.86	3.16
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	14.09	5.26
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	13.15	5.26
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	15.09	5.26
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	27.23	10.54
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	28.23	10.54
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	23.63	10.01
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	46.18	16.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	31.86	13.18
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	28.89	10.54
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	19.71	7.90
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	31.80	13.18
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	29.16	10.54
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	12.88	5.26
26 05 33 23-0563		5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*		
26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	15.12	4.74
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	5.18	0.53
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	3.34	0.53
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	5.86	2.64
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	9.82	3.16
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	8.30	3.16
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	7.45	3.16
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	55.88	16.33
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	27.47	10.01
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	53.67	16.33
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	48.85	13.18
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	56.41	16.33
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	59.02	16.33
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	46.82	16.33
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	47.48	16.33
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	48.08	16.33
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	22.52	5.26
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	29.65	5.26
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	17.25	5.26
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	49.31	16.33
26 05 33 23-0584		6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*		
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	18.73	4.74
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	6.72	0.53
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	6.79	2.64
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	10.96	3.16
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	7.83	3.16
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	10.23	3.16
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	10.27	3.16
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	10.33	3.16
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	10.33	3.16
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	10.22	3.16
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	10.25	3.16
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	10.17	3.16
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	10.19	3.16
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	10.27	3.16
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	10.06	3.16
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	26.68	5.26
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	35.76	5.26
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	29.66	10.01
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	60.68	16.33
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	55.27	13.18
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	44.55	13.18
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	63.73	16.33
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	51.30	16.33
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	52.54	16.33
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	55.16	16.33
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	50.05	16.33
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	67.02	16.33
26 05 33 23-0612		Surface Cable Protection System *(26 05 33 23)*		
26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	579.79	
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	437.18	
26 05 36		Cable Trays for Electrical Systems *(26 05)*		
26 05 36 00-0001		Cable Trays *(26 05 36)* Note: Excludes supporting hangers.		
26 05 36 00-0002		Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0003		4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*		
26 05 36 00-0004		4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.02	11.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.98*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.17	11.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.23*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.09	12.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.54*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.32	13.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.00*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.36	14.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.47*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	68.69	16.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.52*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	77.07	18.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.16*	
26 05 36 00-0012		6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.79	10.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.77*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.81	11.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.02*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.49	12.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.20*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.59	13.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.56*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	50.24	13.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.88*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	59.06	15.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.59*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	64.54	17.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.01*	
26 05 36 00-0020		9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.44	10.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.65*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.50	11.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.73*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.22	11.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.04*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.06	12.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.37*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.77	12.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.72*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	52.07	13.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.06*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	55.94	14.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.35*	
26 05 36 00-0028		12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.38	10.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.58*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.10	10.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.64*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.17	11.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.80*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.38	11.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.97*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.03	11.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.13*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.35	12.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.49*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.78	13.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.68*	
26 05 36 00-0036		18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.92	10.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.55*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.51	10.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.58	10.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.75*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.42	11.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.90*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.05	11.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.95*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.49	12.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.13*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.29	12.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.25*	
26 05 36 00-0044		4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0045		12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	303.83	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.75*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	339.50	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.97*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	373.18	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.18*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.83	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.80*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	532.06	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.12*	
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	634.82	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.26*	
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.09	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.24*	
26 05 36 00-0053		24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	429.72	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.95*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.76	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.15*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.38	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.32*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.73	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.36*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	653.06	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.85*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.64	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.81*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	852.16	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.94*	
26 05 36 00-0061		36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.45	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.87*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.50	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.92*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.84	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.61*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.52	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.17*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	753.65	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	884.49	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.38*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,003.93	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.29*	
26 05 36 00-0069		12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.09	83.85
		For 60 Degree Bend, Deduct	*-42.48*	
		For 30 Degree Bend, Deduct	*-75.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.62*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	257.47	100.57
		For 60 Degree Bend, Deduct	*-46.43*	
		For 30 Degree Bend, Deduct	*-82.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.37*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.67	115.34
		For 60 Degree Bend, Deduct	*-50.06*	
		For 30 Degree Bend, Deduct	*-89.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.96*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.64	145.79
		For 60 Degree Bend, Deduct	*-56.87*	
		For 30 Degree Bend, Deduct	*-102.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.02*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.51	178.54
		For 60 Degree Bend, Deduct	*-71.65*	
		For 30 Degree Bend, Deduct	*-129.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.57*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.85	204.96
		For 60 Degree Bend, Deduct	*-87.69*	
		For 30 Degree Bend, Deduct	*-157.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.30*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.29	240.60
		For 60 Degree Bend, Deduct	*-95.96*	
		For 30 Degree Bend, Deduct	*-173.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.98*	
26 05 36 00-0077		24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	253.41	86.50
		For 60 Degree Bend, Deduct	*-50.48*	
		For 30 Degree Bend, Deduct	*-88.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.14*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.16	104.26
		For 60 Degree Bend, Deduct	*-55.78*	
		For 30 Degree Bend, Deduct	*-98.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.33*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.13	120.41
		For 60 Degree Bend, Deduct	*-63.12*	
		For 30 Degree Bend, Deduct	*-111.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.08*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.31	153.75
		For 60 Degree Bend, Deduct	*-69.85*	
		For 30 Degree Bend, Deduct	*-124.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.22*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.47	191.00
		For 60 Degree Bend, Deduct	*-85.36*	
		For 30 Degree Bend, Deduct	*-152.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.13*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.14	221.56
		For 60 Degree Bend, Deduct	*-100.92*	
		For 30 Degree Bend, Deduct	*-180.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.85*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	661.70	263.77
		For 60 Degree Bend, Deduct	*-117.26*	
		For 30 Degree Bend, Deduct	*-210.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.19*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0085		36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		305.63	89.27
		For 60 Degree Bend, Deduct		*-66.65*	
		For 30 Degree Bend, Deduct		*-116.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-23.13*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		346.40	108.42
		For 60 Degree Bend, Deduct		*-72.76*	
		For 30 Degree Bend, Deduct		*-127.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-25.61*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		378.97	125.83
		For 60 Degree Bend, Deduct		*-76.83*	
		For 30 Degree Bend, Deduct		*-135.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-27.41*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		454.87	162.86
		For 60 Degree Bend, Deduct		*-87.66*	
		For 30 Degree Bend, Deduct		*-155.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.91*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		535.58	204.96
		For 60 Degree Bend, Deduct		*-98.16*	
		For 30 Degree Bend, Deduct		*-175.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-36.48*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		651.39	240.60
		For 60 Degree Bend, Deduct		*-122.72*	
		For 30 Degree Bend, Deduct		*-217.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-45.09*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		764.00	291.23
		For 60 Degree Bend, Deduct		*-140.47*	
		For 30 Degree Bend, Deduct		*-250.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-52.13*	
26 05 36 00-0093		12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		329.19	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-23.31*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		359.71	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-24.99*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		387.54	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-26.62*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		448.69	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-29.99*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		499.06	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-32.82*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		554.47	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-36.22*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		615.19	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-39.58*	
26 05 36 00-0101		24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		394.15	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-29.39*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		429.03	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.37*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		462.53	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-33.44*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		535.50	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-37.64*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		597.46	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-41.29*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	659.95	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.04*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.19	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.35*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.88	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.61*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.47	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.21*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.42	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.97*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.59	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.68*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.13	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.96*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	801.38	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.07*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	904.07	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.31*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.58	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.40*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.78	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.63*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	667.95	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.84*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	746.22	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.55*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	846.14	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.01*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	942.49	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.10*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,066.67	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.93*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.84	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.73	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.00*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.62	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.39*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.90	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.88*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.45	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.71*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,092.86	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.55*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,322.51	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.74*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0133		36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		953.62	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-73.38*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,019.15	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-77.64*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,081.89	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-82.58*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,188.99	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-90.06*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,349.20	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-102.00*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,463.31	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-110.82*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,646.97	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-122.79*	
26 05 36 00-0141		12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		714.91	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-54.41*	
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		731.65	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-55.41*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		749.02	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-56.44*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		787.40	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-58.69*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		812.02	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-60.25*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		880.47	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-64.98*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		947.65	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-69.16*	
26 05 36 00-0149		24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,043.71	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-85.91*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,068.80	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-87.66*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,095.19	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-89.47*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,153.36	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-93.36*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,194.80	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-96.41*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,265.26	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-100.92*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,362.53	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-107.42*	
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*			
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		1,661.65	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-146.11*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,696.09	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.65*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,732.91	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.31*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,795.16	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.24*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,838.27	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.22*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,951.91	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.36*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,049.91	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.08*	
26 05 36 00-0165		12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	733.12	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.24*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	770.30	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.76*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	823.22	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.71*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.55	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.20*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	994.63	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.72*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,113.45	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.43*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,217.73	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.26*	
26 05 36 00-0173		24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,039.33	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.33*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,086.56	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.51*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,136.60	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.83*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,210.74	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.33*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,345.43	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.03*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,446.71	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.23*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,624.05	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.49*	
26 05 36 00-0181		36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,313.42	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.51*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,384.28	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.69*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,460.53	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.14*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,594.28	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,820.51	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.14*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,985.39	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.48*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,172.15	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.91*	
26 05 36 00-0189		12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	855.42	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.47*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	898.65	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.59*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	963.11	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.71*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,036.99	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.54*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,165.55	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.81*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,318.56	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.93*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,445.25	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.06*	
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,276.55	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.05*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,331.15	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.96*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,388.56	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.02*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,478.91	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.15*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,631.28	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.62*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,751.71	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.73*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,977.68	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.86*	
26 05 36 00-0205		36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,644.94	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.66*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,730.54	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.31*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,821.53	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.24*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,992.11	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.70*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,262.55	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.34*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,464.26	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-200.36*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,687.86	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-217.48*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*			
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*			
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		287.96	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-19.16*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		322.37	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-21.26*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		354.54	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-23.32*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		442.65	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-29.39*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		504.85	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-33.40*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		599.05	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-40.68*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		690.27	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-47.06*	
26 05 36 00-0222		24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*			
26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		396.98	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-29.67*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		433.01	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.78*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		466.37	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-33.82*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		544.94	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-38.58*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		612.51	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-42.79*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		683.57	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-47.40*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		799.77	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-55.71*	
26 05 36 00-0230		36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*			
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		427.18	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-32.24*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		472.22	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-35.10*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		511.80	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-37.60*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		616.68	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-44.59*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		703.28	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-50.28*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		824.05	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-59.34*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting		937.94	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-66.69*	
26 05 36 00-0238		12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	213.75	83.85
		For 60 Degree Bend, Deduct	*-38.41*	
		For 30 Degree Bend, Deduct	*-68.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.39*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	244.62	100.57
		For 60 Degree Bend, Deduct	*-42.19*	
		For 30 Degree Bend, Deduct	*-75.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.08*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.33	115.34
		For 60 Degree Bend, Deduct	*-45.66*	
		For 30 Degree Bend, Deduct	*-82.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.62*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.54	145.79
		For 60 Degree Bend, Deduct	*-52.22*	
		For 30 Degree Bend, Deduct	*-95.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.61*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.38	178.54
		For 60 Degree Bend, Deduct	*-65.66*	
		For 30 Degree Bend, Deduct	*-119.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.76*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.67	204.96
		For 60 Degree Bend, Deduct	*-80.04*	
		For 30 Degree Bend, Deduct	*-144.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.99*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.11	240.60
		For 60 Degree Bend, Deduct	*-87.98*	
		For 30 Degree Bend, Deduct	*-160.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.56*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.80	86.50
		For 60 Degree Bend, Deduct	*-45.33*	
		For 30 Degree Bend, Deduct	*-80.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.58*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.54	104.26
		For 60 Degree Bend, Deduct	*-50.29*	
		For 30 Degree Bend, Deduct	*-89.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.66*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	312.49	120.41
		For 60 Degree Bend, Deduct	*-56.97*	
		For 30 Degree Bend, Deduct	*-101.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.22*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.16	153.75
		For 60 Degree Bend, Deduct	*-63.53*	
		For 30 Degree Bend, Deduct	*-114.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.30*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.29	191.00
		For 60 Degree Bend, Deduct	*-77.71*	
		For 30 Degree Bend, Deduct	*-140.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.82*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	535.44	221.56
		For 60 Degree Bend, Deduct	*-91.78*	
		For 30 Degree Bend, Deduct	*-165.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.08*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.97	263.77
		For 60 Degree Bend, Deduct	*-106.79*	
		For 30 Degree Bend, Deduct	*-192.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.02*	

26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	283.21	89.27
		For 60 Degree Bend, Deduct	*-59.26*	
		For 30 Degree Bend, Deduct	*-103.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.73	108.42
		For 60 Degree Bend, Deduct	*-64.95*	
		For 30 Degree Bend, Deduct	*-114.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.24*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	354.79	125.83
		For 60 Degree Bend, Deduct	*-68.85*	
		For 30 Degree Bend, Deduct	*-121.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.99*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.68	162.86
		For 60 Degree Bend, Deduct	*-79.02*	
		For 30 Degree Bend, Deduct	*-140.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.29*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.88	204.96
		For 60 Degree Bend, Deduct	*-89.02*	
		For 30 Degree Bend, Deduct	*-159.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	615.62	240.60
		For 60 Degree Bend, Deduct	*-110.92*	
		For 30 Degree Bend, Deduct	*-198.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.51*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.20	291.23
		For 60 Degree Bend, Deduct	*-127.34*	
		For 30 Degree Bend, Deduct	*-228.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.15*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.23	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.21*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.51	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.87*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.95	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.46*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.60	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.78*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.47	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.57*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.87	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.86*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	601.09	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.17*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.66	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.84*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.16	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.78*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.03	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.79*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	518.12	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.90*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.20	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.46*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.68	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.53	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.18*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.97	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.52*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.81	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.05*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.51	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.78*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	613.91	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.31*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.20	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.57*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	774.17	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.35*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	875.10	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.41*	
26 05 36 00-0286		12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.71	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.71*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	618.65	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.81*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	648.81	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.93*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.30	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.36*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	820.45	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.44*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	911.76	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.03*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,031.91	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.45*	
26 05 36 00-0294		24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	718.39	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.79*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	772.02	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.22*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.91	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.52*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.92	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.78*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	981.70	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.34*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,056.09	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.87*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,275.41	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.03*	
26 05 36 00-0302		36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.08	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.43*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	978.09	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.54*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0305		EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.07	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.20*	
26 05 36 00-0306		EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,141.89	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.35*	
26 05 36 00-0307		EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,296.06	395.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.69*	
26 05 36 00-0308		EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,405.38	426.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.03*	
26 05 36 00-0309		EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,584.76	502.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.57*	
26 05 36 00-0310			**12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0311		EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	686.20	204.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.54*	
26 05 36 00-0312		EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.68	213.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.51*	
26 05 36 00-0313		EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	719.81	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.52*	
26 05 36 00-0314		EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	757.68	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.72*	
26 05 36 00-0315		EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	781.80	251.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.23*	
26 05 36 00-0316		EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.23	276.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.76*	
26 05 36 00-0317		EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.15	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.81*	
26 05 36 00-0318			**24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0319		EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	991.83	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.72*	
26 05 36 00-0320		EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,016.16	230.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.39*	
26 05 36 00-0321		EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,041.79	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.13*	
26 05 36 00-0322		EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,098.45	263.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.87*	
26 05 36 00-0323		EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,138.38	276.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.77*	
26 05 36 00-0324		EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,207.33	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.13*	
26 05 36 00-0325		EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,302.08	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.37*	
26 05 36 00-0326			**36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0327		EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,564.68	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.42*	
26 05 36 00-0328		EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,597.86	251.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.83*	
26 05 36 00-0329		EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,633.42	263.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.36*	
26 05 36 00-0330		EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,694.42	291.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.17*	
26 05 36 00-0331		EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,736.26	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,846.12	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.78*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,942.87	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.37*	
26 05 36 00-0334		12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.21	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.15*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.38	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.57*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.29	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.32*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	857.36	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.59*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	965.42	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.80*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,078.44	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.93*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,178.69	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.36*	
26 05 36 00-0342		24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	998.78	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.27*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,044.75	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.32*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,093.53	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.52*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,164.90	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.75*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,296.57	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.15*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,394.57	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.01*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,563.60	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.45*	
26 05 36 00-0350		36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,256.74	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.84*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,325.09	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.77*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,398.82	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.97*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,526.28	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.12*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,744.95	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.58*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,903.53	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.29*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,083.99	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.09*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0358		12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.10	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.44*	
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.87	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.41*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	928.41	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.24*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	999.01	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.74*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,123.19	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.58*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,267.80	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.85*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,388.64	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.40*	
26 05 36 00-0366		24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,217.75	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.17*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,270.53	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.90*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,326.11	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.78*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,412.44	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.50*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,560.43	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.53*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,676.11	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.17*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,890.03	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.09*	
26 05 36 00-0374		36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,562.77	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.44*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,644.71	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.73*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,732.05	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.29*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,893.50	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.84*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,152.98	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.39*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,345.57	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.50*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,560.03	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-204.70*	
26 05 36 00-0382		9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0383		12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.09	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.57*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	305.25	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.54*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	335.90	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	418.47	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.97*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.65	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.68*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.29	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	648.46	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.88*	
26 05 36 00-0391		24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.24	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.40*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.25	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.40*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.36	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.32*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.16	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.80*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.96	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.74*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.49	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.99*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	747.38	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.47*	
26 05 36 00-0399		36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.91	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.61*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.93	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.27*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.75	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.60*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.84	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.00*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.90	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.24*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	763.60	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.29*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	871.95	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.10*	
26 05 36 00-0407		12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	201.41	83.85
		For 60 Degree Bend, Deduct	*-34.33*	
		For 30 Degree Bend, Deduct	*-61.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	231.78	100.57
		For 60 Degree Bend, Deduct	*-37.95*	
		For 30 Degree Bend, Deduct	*-68.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.80*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	258.98	115.34
		For 60 Degree Bend, Deduct	*-41.25*	
		For 30 Degree Bend, Deduct	*-75.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.29*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	313.43	145.79
		For 60 Degree Bend, Deduct	*-47.56*	
		For 30 Degree Bend, Deduct	*-87.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.20*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.24	178.54
		For 60 Degree Bend, Deduct	*-59.68*	
		For 30 Degree Bend, Deduct	*-109.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.95*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.50	204.96
		For 60 Degree Bend, Deduct	*-72.40*	
		For 30 Degree Bend, Deduct	*-132.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.67*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.93	240.60
		For 60 Degree Bend, Deduct	*-80.00*	
		For 30 Degree Bend, Deduct	*-146.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.14*	

26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	222.18	86.50
		For 60 Degree Bend, Deduct	*-40.18*	
		For 30 Degree Bend, Deduct	*-71.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.01*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.92	104.26
		For 60 Degree Bend, Deduct	*-44.81*	
		For 30 Degree Bend, Deduct	*-80.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.00*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.85	120.41
		For 60 Degree Bend, Deduct	*-50.82*	
		For 30 Degree Bend, Deduct	*-91.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.35*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.02	153.75
		For 60 Degree Bend, Deduct	*-57.22*	
		For 30 Degree Bend, Deduct	*-103.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.39*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.12	191.00
		For 60 Degree Bend, Deduct	*-70.06*	
		For 30 Degree Bend, Deduct	*-127.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.50*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.73	221.56
		For 60 Degree Bend, Deduct	*-82.63*	
		For 30 Degree Bend, Deduct	*-150.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.31*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.23	263.77
		For 60 Degree Bend, Deduct	*-96.32*	
		For 30 Degree Bend, Deduct	*-175.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.85*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.79	89.27
		For 60 Degree Bend, Deduct	*-51.86*	
		For 30 Degree Bend, Deduct	*-91.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.64*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.05	108.42
		For 60 Degree Bend, Deduct	*-57.13*	
		For 30 Degree Bend, Deduct	*-101.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	330.61	125.83
		For 60 Degree Bend, Deduct	*-60.87*	
		For 30 Degree Bend, Deduct	*-108.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.58*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.48	162.86
		For 60 Degree Bend, Deduct	*-70.37*	
		For 30 Degree Bend, Deduct	*-126.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.67*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.17	204.96
		For 60 Degree Bend, Deduct	*-79.88*	
		For 30 Degree Bend, Deduct	*-144.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.94*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.86	240.60
		For 60 Degree Bend, Deduct	*-99.12*	
		For 30 Degree Bend, Deduct	*-178.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	684.41	291.23
		For 60 Degree Bend, Deduct	*-114.21*	
		For 30 Degree Bend, Deduct	*-206.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.17*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	301.79	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.57*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.69	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.19*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	358.57	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.72*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	418.47	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.97*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	467.58	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.68*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.47	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.82*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.93	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.05*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	355.42	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.52*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.36	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.40*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.29	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.31*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.05	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.29*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.81	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.72*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.78	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.22*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.04	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.93*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	418.61	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.38*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.32	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.80*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.64	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.49*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.40	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.76*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.31	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.98*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	733.37	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.27*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	831.65	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.07*	
26 05 36 00-0455		12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	537.95	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.34*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.38	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.19*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	610.52	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.10*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	680.48	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.98*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.07	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.30*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	850.30	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.88*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.39	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.50*	
26 05 36 00-0463		24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.50	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.50*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.61	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.68*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.48	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.78*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	821.96	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.59*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.20	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.59*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	982.54	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.51*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,181.21	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.61*	
26 05 36 00-0471		36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.99	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.52*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	895.98	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.33*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	950.42	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.43*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,047.69	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,189.77	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.06*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,289.52	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.44*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,460.33	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.12*	
26 05 36 00-0479		12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	628.77	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.80*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.75	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.72*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	661.37	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.68*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	698.24	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.77*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.35	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.18*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	783.75	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.31*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.15	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.11*	
26 05 36 00-0487		24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	888.06	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.35*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	910.87	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.86*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	935.00	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.45*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	988.63	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.89*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.54	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.49*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,091.47	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.54*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,181.18	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.28*	
26 05 36 00-0495		36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,370.74	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.02*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,401.40	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.19*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,434.44	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.47*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,492.92	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.02*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,532.24	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.62*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,634.55	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.62*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,728.78	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.96*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0503		12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.40	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.97*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	704.56	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.18*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.44	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.54*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	804.97	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.35*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	906.98	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.96*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,008.42	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.93*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,100.61	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.55*	
26 05 36 00-0511		24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	917.67	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.16*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	961.13	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.96*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,007.39	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.90*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,073.22	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.58*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,198.84	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.37*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,290.30	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.58*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,442.70	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.36*	
26 05 36 00-0519		36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,143.40	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.51*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,206.71	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.93*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,275.41	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.63*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,390.26	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.52*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,593.83	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.47*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,739.81	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.92*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,907.68	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.46*	
26 05 36 00-0527		12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.48	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.33	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.05*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.02	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.30*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.04	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.14*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.46	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.11*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,166.27	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.70*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,275.42	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.08*	
26 05 36 00-0535		24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,100.16	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.41*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,149.28	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.78*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,201.21	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.29*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,279.50	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.21*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,418.73	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.36*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,524.91	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.05*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,714.72	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.56*	
26 05 36 00-0543		36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,398.42	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.01*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,473.06	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.57*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,553.10	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.39*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,696.29	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.12*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,933.85	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.47*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,108.18	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-164.76*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,304.38	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.13*	
26 05 36 00-0551		12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0552		12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.54	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.02*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.25	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.38	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.80*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.01	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.12*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	468.13	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.73*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.77	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.85*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.83	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.41*	
26 05 36 00-0560		**24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.78	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.25*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.44	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.22*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.11	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.10*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	493.94	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.48*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	557.76	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.32*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	624.06	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.45*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.04	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.63*	
26 05 36 00-0568		**36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.21	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.34*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.53	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.93*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.73	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.20*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	554.80	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.40*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	635.27	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.48*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	742.44	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.18*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.86	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.79*	
26 05 36 00-0576		**12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	197.09	83.85
		For 60 Degree Bend, Deduct	*-32.91*	
		For 30 Degree Bend, Deduct	*-59.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.72*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.28	100.57
		For 60 Degree Bend, Deduct	*-36.47*	
		For 30 Degree Bend, Deduct	*-66.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.35*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	254.30	115.34
		For 60 Degree Bend, Deduct	*-39.71*	
		For 30 Degree Bend, Deduct	*-72.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.50	145.79
		For 60 Degree Bend, Deduct	*-45.94*	
		For 30 Degree Bend, Deduct	*-84.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.70*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.90	178.54
		For 60 Degree Bend, Deduct	*-57.59*	
		For 30 Degree Bend, Deduct	*-105.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.31*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.39	204.96
		For 60 Degree Bend, Deduct	*-69.72*	
		For 30 Degree Bend, Deduct	*-127.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.86*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.47	240.60
		For 60 Degree Bend, Deduct	*-77.21*	
		For 30 Degree Bend, Deduct	*-142.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.30*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	216.71	86.50
		For 60 Degree Bend, Deduct	*-38.37*	
		For 30 Degree Bend, Deduct	*-68.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.47*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	251.10	104.26
		For 60 Degree Bend, Deduct	*-42.89*	
		For 30 Degree Bend, Deduct	*-77.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.42*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	287.33	120.41
		For 60 Degree Bend, Deduct	*-48.67*	
		For 30 Degree Bend, Deduct	*-87.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.70*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.32	153.75
		For 60 Degree Bend, Deduct	*-55.00*	
		For 30 Degree Bend, Deduct	*-100.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.72*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.01	191.00
		For 60 Degree Bend, Deduct	*-67.38*	
		For 30 Degree Bend, Deduct	*-122.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.69*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.03	221.56
		For 60 Degree Bend, Deduct	*-79.43*	
		For 30 Degree Bend, Deduct	*-144.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.34*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.12	263.77
		For 60 Degree Bend, Deduct	*-92.65*	
		For 30 Degree Bend, Deduct	*-169.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.73*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.95	89.27
		For 60 Degree Bend, Deduct	*-49.27*	
		For 30 Degree Bend, Deduct	*-87.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.86*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.76	108.42
		For 60 Degree Bend, Deduct	*-54.40*	
		For 30 Degree Bend, Deduct	*-96.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.04*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.15	125.83
		For 60 Degree Bend, Deduct	*-58.08*	
		For 30 Degree Bend, Deduct	*-103.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.73*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	393.32	162.86
		For 60 Degree Bend, Deduct	*-67.35*	
		For 30 Degree Bend, Deduct	*-121.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.47	204.96
		For 60 Degree Bend, Deduct	*-76.68*	
		For 30 Degree Bend, Deduct	*-139.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.97*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.34	240.60
		For 60 Degree Bend, Deduct	*-94.99*	
		For 30 Degree Bend, Deduct	*-171.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.68*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.48	291.23
		For 60 Degree Bend, Deduct	*-109.61*	
		For 30 Degree Bend, Deduct	*-198.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.78*	
26 05 36 00-0600		**12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	294.13	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.80*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	323.85	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.40*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.46	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.91*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.01	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.12*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	458.76	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.79*	
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.95	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.87*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.05	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.06*	
26 05 36 00-0608		**24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.58	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.43*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.25	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.29*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.74	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.16*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.89	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.08*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.02	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.44*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.29	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.87*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	686.88	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.42*	
26 05 36 00-0616		**36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.98	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.92*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.16	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.28*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.30	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.95*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.83	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.10*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.56	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	714.33	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.37*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.38	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.04*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.08	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.65*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	564.24	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.37*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	591.38	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.18*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.57	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.79*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	743.38	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.73*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	819.58	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.81*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	927.63	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.02*	

26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.05	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.85*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.90	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.91*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	719.77	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.91*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	790.98	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.49*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	880.45	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.21*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	945.77	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.84*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,134.11	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.90*	

26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	795.45	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.57*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	854.93	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.22*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	906.59	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.05*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,000.59	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.22*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,136.62	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.75*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,231.59	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.65*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,398.12	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.90*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.06	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.92*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	615.79	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.82*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	632.15	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.76*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.52	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.80*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	691.12	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.16*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.51	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.08*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	813.65	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.76*	
26 05 36 00-0656		24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	836.17	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.16*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.23	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.60*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	881.60	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.11*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	933.72	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.39*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	969.12	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.84*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.54	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.75*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,120.73	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.24*	
26 05 36 00-0664		36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,273.77	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.33*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,303.17	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.36*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,334.95	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.52*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,392.17	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.95*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,430.23	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.42*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,528.77	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.04*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,621.73	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.26*	
26 05 36 00-0672		12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	649.50	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	682.65	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.99*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.51	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.14*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.77	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.73*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	877.76	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.04*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	973.41	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.43*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,061.57	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.65*	
26 05 36 00-0680		24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	877.12	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.10*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	919.32	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.78*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	964.32	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.60*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,027.38	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.00*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,149.98	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.49*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,238.16	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.37*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,382.25	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.31*	
26 05 36 00-0688		36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,086.73	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.84*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,147.52	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.01*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,213.70	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.45*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,322.26	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.72*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,518.26	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.92*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,657.96	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.73*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,819.53	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.65*	
26 05 36 00-0696		12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.17	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.35*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.55	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.88*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.33	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.83*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	885.06	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0701		EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	996.09	368.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.87*	
26 05 36 00-0702		EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,115.50	395.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.62*	
26 05 36 00-0703		EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,218.81	425.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.41*	
26 05 36 00-0704			24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0705		EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,041.36	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.53*	
26 05 36 00-0706		EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,088.65	325.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.71*	
26 05 36 00-0707		EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,138.76	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.04*	
26 05 36 00-0708		EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,213.03	368.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.56*	
26 05 36 00-0709		EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,347.87	426.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.28*	
26 05 36 00-0710		EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,449.31	461.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.49*	
26 05 36 00-0711		EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,627.07	502.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.80*	
26 05 36 00-0712			36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0713		EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,316.25	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.79*	
26 05 36 00-0714		EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,387.24	368.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.98*	
26 05 36 00-0715		EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,463.62	395.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.45*	
26 05 36 00-0716		EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,597.68	426.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.26*	
26 05 36 00-0717		EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,824.29	502.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.52*	
26 05 36 00-0718		EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,989.48	552.69
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.89*	
26 05 36 00-0719		EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,176.56	615.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.35*	
26 05 36 00-0720			Dropout Or End Plates And Reducers *(26 05 36 00-0002)*		
26 05 36 00-0721			Straight Reducers *(26 05 36 00-0720)*		
26 05 36 00-0722		EA	9"-6" Reducer, Steel Cable Tray	257.76	85.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.68*	
26 05 36 00-0723		EA	12"-9" Reducer, Steel Cable Tray	272.00	92.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.52*	
26 05 36 00-0724		EA	18"-12" Reducer, Steel Cable Tray	295.71	106.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.70*	
26 05 36 00-0725		EA	24"-18" Reducer, Steel Cable Tray	325.98	123.07
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.34*	
26 05 36 00-0726		EA	30"-24" Reducer, Steel Cable Tray	354.10	138.40
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.88*	
26 05 36 00-0727		EA	36"-30" Reducer, Steel Cable Tray	402.10	158.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.03*	
26 05 36 00-0728			Reducers *(26 05 36 00-0720)*		
26 05 36 00-0729		EA	18"-6" Reducer, Steel Cable Tray	300.86	106.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.21*	
26 05 36 00-0730		EA	24"-12" Reducer, Steel Cable Tray	331.32	123.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0731	EA	30"-12" Reducer, Steel Cable Tray	363.99	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.87*	
26 05 36 00-0732	EA	30"-18" Reducer, Steel Cable Tray	368.84	138.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.37*	
26 05 36 00-0733	EA	36"-12" Reducer, Steel Cable Tray	404.62	158.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.28*	
26 05 36 00-0734	EA	36"-18" Reducer, Steel Cable Tray	416.58	162.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.13*	
26 05 36 00-0735	EA	36"-24" Reducer, Steel Cable Tray	430.25	167.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
26 05 36 00-0736		**Dropout Or End Plate** *(26 05 36 00-0720)*		
26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	70.63	34.60
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	81.10	39.56
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	87.55	42.56
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	103.36	50.29
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	115.95	55.36
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	128.48	61.47
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	145.06	69.20
26 05 36 00-0744		**Ladder Bottom Aluminum Cable Tray** *(26 05 36 00-0001)* Note: 4-5/8" Height		
26 05 36 00-0745		**Straight Tray Sections** *(26 05 36 00-0744)*		
26 05 36 00-0746		**4" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	35.55	8.07
		For Class 12C Instead Of Class 12B, Add	*3.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.78*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	37.52	8.54
		For Class 12C Instead Of Class 12B, Add	*4.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.88*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	39.47	8.88
		For Class 12C Instead Of Class 12B, Add	*4.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.97*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	43.66	9.69
		For Class 12C Instead Of Class 12B, Add	*4.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.18*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	49.26	10.38
		For Class 12C Instead Of Class 12B, Add	*5.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.46*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	53.67	11.08
		For Class 12C Instead Of Class 12B, Add	*6.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.68*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	57.72	11.77
		For Class 12C Instead Of Class 12B, Add	*6.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.89*	
26 05 36 00-0754		**6" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	33.54	8.07
		For Class 12C Instead Of Class 12B, Add	*3.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.68*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	35.40	8.54
		For Class 12C Instead Of Class 12B, Add	*3.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.77*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	37.23	8.88
		For Class 12C Instead Of Class 12B, Add	*4.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.86*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	41.17	9.69
		For Class 12C Instead Of Class 12B, Add	*4.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.06*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	46.35	10.38
		For Class 12C Instead Of Class 12B, Add	*5.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.32*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	50.46	11.08
		For Class 12C Instead Of Class 12B, Add	*5.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	54.26	11.77
		For Class 12C Instead Of Class 12B, Add	*6.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.71*	
26 05 36 00-0762		**9" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	30.54	7.73
		For Class 12C Instead Of Class 12B, Add	*3.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.53*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	31.20	8.07
		For Class 12C Instead Of Class 12B, Add	*3.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.56*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	33.23	8.54
		For Class 12C Instead Of Class 12B, Add	*3.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.66*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	35.53	9.11
		For Class 12C Instead Of Class 12B, Add	*3.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.78*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	39.19	9.46
		For Class 12C Instead Of Class 12B, Add	*4.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.96*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	43.11	10.15
		For Class 12C Instead Of Class 12B, Add	*4.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.16*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	46.06	11.08
		For Class 12C Instead Of Class 12B, Add	*5.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.30*	
26 05 36 00-0770		**12" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	29.79	7.50
		For Class 12C Instead Of Class 12B, Add	*3.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.49*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	30.33	7.73
		For Class 12C Instead Of Class 12B, Add	*3.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.52*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	31.68	8.19
		For Class 12C Instead Of Class 12B, Add	*3.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.58*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	33.56	8.65
		For Class 12C Instead Of Class 12B, Add	*3.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.68*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	35.92	8.77
		For Class 12C Instead Of Class 12B, Add	*3.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.80*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	38.77	9.69
		For Class 12C Instead Of Class 12B, Add	*4.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.94*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	41.31	10.49
		For Class 12C Instead Of Class 12B, Add	*4.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.07*	
26 05 36 00-0778		**18" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	29.35	7.27
		For Class 12C Instead Of Class 12B, Add	*3.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.47*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	29.61	7.61
		For Class 12C Instead Of Class 12B, Add	*3.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.48*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	31.11	7.84
		For Class 12C Instead Of Class 12B, Add	*3.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.56*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	32.77	8.30
		For Class 12C Instead Of Class 12B, Add	*3.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	34.45	8.42
		For Class 12C Instead Of Class 12B, Add	*3.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.72*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	36.41	9.23
		For Class 12C Instead Of Class 12B, Add	*3.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.82*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	38.86	10.03
		For Class 12C Instead Of Class 12B, Add	*4.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.94*	
26 05 36 00-0786		**4" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0787		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	301.18	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.06*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.78	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.54*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	374.47	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.72*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	445.80	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.29*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	525.55	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.28*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	579.35	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.97*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	675.48	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.77*	
26 05 36 00-0795		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	392.67	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.63*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	430.88	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.54*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	466.30	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.32*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	546.09	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.30*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	618.99	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.95*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	692.22	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.61*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	792.87	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.64*	
26 05 36 00-0803		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	420.92	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.05*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	459.36	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.97*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	513.07	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.65*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	613.39	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.67*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	708.47	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.42*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	798.98	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	929.04	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.45*	
26 05 36 00-0811		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	211.07	83.85
		For 60 Degree Bend, Deduct	*-37.52*	
		For 30 Degree Bend, Deduct	*-67.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.55*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	241.66	100.57
		For 60 Degree Bend, Deduct	*-41.21*	
		For 30 Degree Bend, Deduct	*-74.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.08*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	269.09	115.34
		For 60 Degree Bend, Deduct	*-44.59*	
		For 30 Degree Bend, Deduct	*-80.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.45*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	333.49	145.79
		For 60 Degree Bend, Deduct	*-54.18*	
		For 30 Degree Bend, Deduct	*-98.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.67*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	410.11	178.54
		For 60 Degree Bend, Deduct	*-66.90*	
		For 30 Degree Bend, Deduct	*-121.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.51*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	470.65	204.96
		For 60 Degree Bend, Deduct	*-76.74*	
		For 30 Degree Bend, Deduct	*-139.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.53*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	535.53	240.60
		For 60 Degree Bend, Deduct	*-84.49*	
		For 30 Degree Bend, Deduct	*-154.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.78*	
26 05 36 00-0819		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	240.17	86.50
		For 60 Degree Bend, Deduct	*-46.11*	
		For 30 Degree Bend, Deduct	*-81.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.01*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	280.85	104.26
		For 60 Degree Bend, Deduct	*-52.71*	
		For 30 Degree Bend, Deduct	*-93.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.04*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	310.46	120.41
		For 60 Degree Bend, Deduct	*-56.30*	
		For 30 Degree Bend, Deduct	*-100.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.52*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	374.34	153.75
		For 60 Degree Bend, Deduct	*-64.58*	
		For 30 Degree Bend, Deduct	*-116.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.72*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	455.51	191.00
		For 60 Degree Bend, Deduct	*-77.12*	
		For 30 Degree Bend, Deduct	*-139.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.78*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	533.90	221.56
		For 60 Degree Bend, Deduct	*-91.27*	
		For 30 Degree Bend, Deduct	*-164.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.70*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	612.48	263.77
		For 60 Degree Bend, Deduct	*-101.02*	
		For 30 Degree Bend, Deduct	*-183.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.62*	
26 05 36 00-0827		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	277.72	89.27
		For 60 Degree Bend, Deduct	*-57.44*	
		For 30 Degree Bend, Deduct	*-100.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.89*	
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	312.43	108.42
		For 60 Degree Bend, Deduct	*-61.55*	
		For 30 Degree Bend, Deduct	*-108.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.62*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	344.21	125.83
		For 60 Degree Bend, Deduct	*-65.36*	
		For 30 Degree Bend, Deduct	*-115.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.21*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	419.74	162.86
		For 60 Degree Bend, Deduct	*-76.07*	
		For 30 Degree Bend, Deduct	*-135.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.99*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	522.81	204.96
		For 60 Degree Bend, Deduct	*-93.95*	
		For 30 Degree Bend, Deduct	*-167.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.14*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	593.18	240.60
		For 60 Degree Bend, Deduct	*-103.51*	
		For 30 Degree Bend, Deduct	*-185.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.66*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	696.79	291.23
		For 60 Degree Bend, Deduct	*-118.29*	
		For 30 Degree Bend, Deduct	*-213.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.84*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	327.03	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.35*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	361.76	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.09*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	387.31	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.37*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	447.07	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.35*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	498.50	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.93*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	548.67	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.43*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.99	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.40*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	346.35	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.32*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	382.63	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.13*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	411.94	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.60*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	482.47	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.12*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	543.21	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.16*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	602.92	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.15*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	681.50	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.08*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0851		90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	435.04	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.75*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	473.09	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.65*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	516.60	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.83*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	596.53	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.83*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	665.72	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.29*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	745.65	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.28*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	838.56	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.93*	
26 05 36 00-0859		12" Radius Horizontal Tees *(26 05 36 00-0786)*		
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.68	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.23*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	566.71	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.34*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	587.33	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.37*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	662.71	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.14*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	733.91	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.70*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	800.46	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.02*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	923.23	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.16*	
26 05 36 00-0867		24" Radius Horizontal Tees *(26 05 36 00-0786)*		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	666.12	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.31*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	719.93	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.00*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	749.38	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.47*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	825.68	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.28*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	918.24	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.91*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	989.50	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.48*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,283.71	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.19*	
26 05 36 00-0875		36" Radius Horizontal Tees *(26 05 36 00-0786)*		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	814.24	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.71*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	870.31	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.52*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	932.73	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,020.20	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.01*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,147.71	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.39*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,329.59	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.48*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,526.41	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.32*	

26 05 36 00-0883 12" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	690.84	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.54*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	714.50	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.73*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	731.14	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.56*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	770.62	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.53*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	819.28	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.96*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	869.17	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.46*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	932.73	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.64*	

26 05 36 00-0891 24" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	960.55	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.03*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.45	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.17*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,007.67	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.38*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,064.03	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.20*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,101.12	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.06*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,167.23	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.36*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,290.38	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.52*	

26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,525.99	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.30*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,558.66	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.93*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,593.72	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.69*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,654.23	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.71*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,695.56	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.78*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,803.91	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.20*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,900.15	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0907		**12" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	678.01	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.90*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.03	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.25*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	754.31	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.72*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.14	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.81*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	918.13	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.91*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,015.17	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.76*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,156.27	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.81*	
26 05 36 00-0915		**24" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	927.63	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.38*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.24	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.56*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,017.65	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.88*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,078.71	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.94*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,214.89	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.74*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,463.08	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.15*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,620.78	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.04*	
26 05 36 00-0923		**36" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,066.08	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.30*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,269.68	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.48*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,352.48	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.62*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,286.26	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.31*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,551.90	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.60*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,711.39	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.57*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,905.50	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.28*	
26 05 36 00-0931		**12" Radius Vertical Cross** *(26 05 36 00-0786)*		
26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	678.01	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.90*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.19	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.26*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	754.22	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.34	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.82*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	918.13	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.91*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,015.47	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.77*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,155.40	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.77*	
26 05 36 00-0939		24" Radius Vertical Crosses *(26 05 36 00-0786)*		
26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	927.63	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.38*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.24	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.56*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,017.65	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.88*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,078.71	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.94*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,214.89	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.74*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,309.29	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.46*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,447.40	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.37*	
26 05 36 00-0947		36" Radius Vertical Crosses *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,286.30	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.32*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,353.99	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.70*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,441.85	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.09*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,545.49	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.27*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,873.06	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.65*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,066.96	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.35*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,301.22	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.06*	
26 05 36 00-0955		6" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-0956		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	285.69	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.28*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	314.90	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.75*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	355.65	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.78*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	424.62	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.23*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	499.28	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.96*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	551.51	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	641.75	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.09*	
26 05 36 00-0964		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	365.22	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.26*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.26	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.11*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	436.30	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.82*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	513.55	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.68*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	583.31	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.17*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	653.21	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.66*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	748.95	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.45*	
26 05 36 00-0972		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	390.73	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.54*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	428.38	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.42*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	478.56	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.93*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	574.57	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.73*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	664.55	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.23*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	750.75	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.54*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	873.75	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.69*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	200.87	83.85
		For 60 Degree Bend, Deduct	*-34.16*	
		For 30 Degree Bend, Deduct	*-61.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.04*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	231.08	100.57
		For 60 Degree Bend, Deduct	*-37.72*	
		For 30 Degree Bend, Deduct	*-68.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.55*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	258.11	115.34
		For 60 Degree Bend, Deduct	*-40.96*	
		For 30 Degree Bend, Deduct	*-74.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.91*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	320.55	145.79
		For 60 Degree Bend, Deduct	*-49.91*	
		For 30 Degree Bend, Deduct	*-91.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.03*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	394.04	178.54
		For 60 Degree Bend, Deduct	*-61.59*	
		For 30 Degree Bend, Deduct	*-112.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.70*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	452.22	204.96
		For 60 Degree Bend, Deduct	*-70.66*	
		For 30 Degree Bend, Deduct	*-129.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	516.32	240.60
		For 60 Degree Bend, Deduct	*-78.15*	
		For 30 Degree Bend, Deduct	*-143.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.82*	

26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	226.45	86.50
		For 60 Degree Bend, Deduct	*-41.59*	
		For 30 Degree Bend, Deduct	*-74.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.32*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	265.56	104.26
		For 60 Degree Bend, Deduct	*-47.66*	
		For 30 Degree Bend, Deduct	*-85.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.28*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	294.77	120.41
		For 60 Degree Bend, Deduct	*-51.12*	
		For 30 Degree Bend, Deduct	*-91.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.74*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	357.48	153.75
		For 60 Degree Bend, Deduct	*-59.02*	
		For 30 Degree Bend, Deduct	*-106.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.87*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	435.90	191.00
		For 60 Degree Bend, Deduct	*-70.65*	
		For 30 Degree Bend, Deduct	*-128.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.80*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	510.37	221.56
		For 60 Degree Bend, Deduct	*-83.51*	
		For 30 Degree Bend, Deduct	*-151.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.52*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	587.78	263.77
		For 60 Degree Bend, Deduct	*-92.87*	
		For 30 Degree Bend, Deduct	*-169.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.39*	

26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	259.29	89.27
		For 60 Degree Bend, Deduct	*-51.36*	
		For 30 Degree Bend, Deduct	*-90.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.96*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	293.61	108.42
		For 60 Degree Bend, Deduct	*-55.34*	
		For 30 Degree Bend, Deduct	*-98.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.68*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	325.00	125.83
		For 60 Degree Bend, Deduct	*-59.02*	
		For 30 Degree Bend, Deduct	*-105.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.25*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	398.56	162.86
		For 60 Degree Bend, Deduct	*-69.08*	
		For 30 Degree Bend, Deduct	*-124.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.93*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	496.93	204.96
		For 60 Degree Bend, Deduct	*-85.41*	
		For 30 Degree Bend, Deduct	*-153.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.85*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	565.73	240.60
		For 60 Degree Bend, Deduct	*-94.45*	
		For 30 Degree Bend, Deduct	*-170.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.29*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	666.60	291.23
		For 60 Degree Bend, Deduct	*-108.33*	
		For 30 Degree Bend, Deduct	*-196.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.33*	

26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0955)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	316.24	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.81*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	350.39	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.52*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	375.74	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.79*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	435.11	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.76*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	485.95	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.30*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	535.53	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.78*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	594.46	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.72*	
26 05 36 00-1012		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	334.68	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.73*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	370.48	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.52*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	399.49	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.97*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	469.33	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.47*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	529.29	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.46*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.21	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.41*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	665.81	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.29*	
26 05 36 00-1020		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	417.00	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.85*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	454.66	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.73*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	496.99	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.85*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	576.14	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.81*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	644.55	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.23*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	722.91	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.15*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	814.83	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.74*	
26 05 36 00-1028		**12" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.72	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.64*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	553.96	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.70*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.39	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.72*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	647.22	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	716.86	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.84*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	780.66	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.03*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	899.50	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.98*	
26 05 36 00-1036		**24" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	645.72	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.29*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	698.36	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.92*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	727.22	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.36*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	801.56	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.08*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	891.97	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.60*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	960.68	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.03*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,239.60	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.98*	
26 05 36 00-1044		**36" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	785.42	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.27*	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	840.71	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.04*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	900.38	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.02*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	986.08	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.30*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,110.06	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.50*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,281.95	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.10*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,473.48	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.67*	
26 05 36 00-1052		**12" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	663.98	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.20*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	686.85	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.34*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	703.30	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.17*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	742.19	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.11*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	788.49	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.42*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	837.80	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.89*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	900.38	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.02*	
26 05 36 00-1060		**24" Radius Vertical Tees** *(26 05 36 00-0955)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	915.06	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.75*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	937.38	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.87*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	961.00	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.05*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,015.99	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.80*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,051.91	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.60*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,116.84	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.84*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,235.48	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.77*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,439.45	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.97*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,471.00	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.55*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,504.94	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.25*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,564.32	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.22*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,604.53	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.23*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,709.51	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.48*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,804.62	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.23*	

26 05 36 00-1076 12" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	661.34	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.07*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	706.60	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.33*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	735.68	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.78*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	813.60	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.68*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	894.80	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.74*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	987.72	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.39*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,121.96	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.10*	

26 05 36 00-1084 24" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	895.67	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.78*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	938.30	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.92*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.73	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.19*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,043.03	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,176.07	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.80*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,267.72	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.39*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,400.54	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.03*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,028.43	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.42*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,085.38	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.27*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,157.12	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.86*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,241.95	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.10*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,497.00	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.85*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,650.61	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.53*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,837.86	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.89*	
26 05 36 00-1100		**12" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	661.34	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.07*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	706.76	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.34*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	735.59	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.78*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	813.80	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.69*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	894.80	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.74*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	988.02	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.40*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,121.09	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.05*	
26 05 36 00-1108		**24" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	895.67	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.78*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	938.30	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.92*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.73	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.19*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,043.03	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.15*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,176.07	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.80*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,267.72	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.39*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,400.54	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.03*	
26 05 36 00-1116		**36" Radius Vertical Crosses** *(26 05 36 00-0955)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1117		EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,231.72	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.34*	
			For 6" Overall Height Instead Of 4-5/8", Add	*61.59*	
26 05 36 00-1118		EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,297.13	368.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.97*	
			For 6" Overall Height Instead Of 4-5/8", Add	*64.86*	
26 05 36 00-1119		EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,381.58	395.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.24*	
			For 6" Overall Height Instead Of 4-5/8", Add	*69.08*	
26 05 36 00-1120		EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,481.23	426.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*74.06*	
26 05 36 00-1121		EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,793.46	502.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*89.67*	
26 05 36 00-1122		EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,978.83	552.69
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*98.94*	
26 05 36 00-1123		EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,203.14	615.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.01*	
			For 6" Overall Height Instead Of 4-5/8", Add	*110.16*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1126		EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	270.20	115.69
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.38*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.51*	
26 05 36 00-1127		EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	299.02	131.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.95*	
26 05 36 00-1128		EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	336.82	145.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.84*	
26 05 36 00-1129		EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	403.45	178.54
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.17*	
26 05 36 00-1130		EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	473.01	204.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.22*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.65*	
26 05 36 00-1131		EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	523.67	230.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.18*	
26 05 36 00-1132		EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	608.03	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.40*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1134		EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	337.77	120.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.75*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.89*	
26 05 36 00-1135		EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	373.63	138.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.84*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.68*	
26 05 36 00-1136		EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	406.30	153.75
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.81*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.32*	
26 05 36 00-1137		EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	481.00	191.00
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.19*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.05*	
26 05 36 00-1138		EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	547.62	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.38*	
26 05 36 00-1139		EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	614.19	251.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.71*	
26 05 36 00-1140		EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	705.03	291.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.23*	
			For 6" Overall Height Instead Of 4-5/8", Add	*35.25*	

26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1142		EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	360.53	125.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.58*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.03*	
26 05 36 00-1143		EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	397.40	145.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.87*	
26 05 36 00-1144		EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	444.05	162.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	535.75	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.79*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	620.63	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.03*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	702.52	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.13*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	818.46	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.92*	
26 05 36 00-1149		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	190.68	83.85
		For 60 Degree Bend, Deduct	*-30.79*	
		For 30 Degree Bend, Deduct	*-55.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.53*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	220.49	100.57
		For 60 Degree Bend, Deduct	*-34.23*	
		For 30 Degree Bend, Deduct	*-62.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.02*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	247.13	115.34
		For 60 Degree Bend, Deduct	*-37.34*	
		For 30 Degree Bend, Deduct	*-68.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.36*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	307.61	145.79
		For 60 Degree Bend, Deduct	*-45.64*	
		For 30 Degree Bend, Deduct	*-84.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.38*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.96	178.54
		For 60 Degree Bend, Deduct	*-56.29*	
		For 30 Degree Bend, Deduct	*-103.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.90*	
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	433.79	204.96
		For 60 Degree Bend, Deduct	*-64.57*	
		For 30 Degree Bend, Deduct	*-119.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.69*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	497.10	240.60
		For 60 Degree Bend, Deduct	*-71.81*	
		For 30 Degree Bend, Deduct	*-133.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.86*	
26 05 36 00-1157		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	212.72	86.50
		For 60 Degree Bend, Deduct	*-37.05*	
		For 30 Degree Bend, Deduct	*-66.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.64*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	250.27	104.26
		For 60 Degree Bend, Deduct	*-42.62*	
		For 30 Degree Bend, Deduct	*-76.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.51*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	279.09	120.41
		For 60 Degree Bend, Deduct	*-45.95*	
		For 30 Degree Bend, Deduct	*-83.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.95*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	340.62	153.75
		For 60 Degree Bend, Deduct	*-53.45*	
		For 30 Degree Bend, Deduct	*-97.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.03*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	416.29	191.00
		For 60 Degree Bend, Deduct	*-64.18*	
		For 30 Degree Bend, Deduct	*-117.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.81*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	486.84	221.56
		For 60 Degree Bend, Deduct	*-75.74*	
		For 30 Degree Bend, Deduct	*-138.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.34*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1164		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	563.07	263.77
			For 60 Degree Bend, Deduct	*-84.72*	
			For 30 Degree Bend, Deduct	*-155.85*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.33*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.15*	
26 05 36 00-1165			45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*		
26 05 36 00-1166		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	240.86	89.27
			For 60 Degree Bend, Deduct	*-45.26*	
			For 30 Degree Bend, Deduct	*-80.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.04*	
26 05 36 00-1167		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	274.78	108.42
			For 60 Degree Bend, Deduct	*-49.12*	
			For 30 Degree Bend, Deduct	*-87.89*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.74*	
26 05 36 00-1168		EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	305.78	125.83
			For 60 Degree Bend, Deduct	*-52.67*	
			For 30 Degree Bend, Deduct	*-94.78*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.09*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.29*	
26 05 36 00-1169		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	377.39	162.86
			For 60 Degree Bend, Deduct	*-62.09*	
			For 30 Degree Bend, Deduct	*-112.54*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.87*	
26 05 36 00-1170		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	471.05	204.96
			For 60 Degree Bend, Deduct	*-76.87*	
			For 30 Degree Bend, Deduct	*-139.50*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.02*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.55*	
26 05 36 00-1171		EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	538.28	240.60
			For 60 Degree Bend, Deduct	*-85.40*	
			For 30 Degree Bend, Deduct	*-155.69*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.78*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.91*	
26 05 36 00-1172		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	636.40	291.23
			For 60 Degree Bend, Deduct	*-98.36*	
			For 30 Degree Bend, Deduct	*-180.12*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.37*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.82*	
26 05 36 00-1173			90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1124)*		
26 05 36 00-1174		EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	300.07	115.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.00*	
26 05 36 00-1175		EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	333.33	131.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.35*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.67*	
26 05 36 00-1176		EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	358.39	145.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.92*	
26 05 36 00-1177		EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	417.17	178.54
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.84*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.86*	
26 05 36 00-1178		EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	467.12	204.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.36*	
26 05 36 00-1179		EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	515.83	230.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.36*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.79*	
26 05 36 00-1180		EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.17	263.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.71*	
26 05 36 00-1181			90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1124)*		
26 05 36 00-1182		EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	317.18	120.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.86*	
26 05 36 00-1183		EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	352.24	138.40
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.61*	
26 05 36 00-1184		EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	380.81	153.75
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.04*	
26 05 36 00-1185		EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	449.63	191.00
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.05*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.48*	
26 05 36 00-1186		EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	508.41	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.38*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	566.15	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.31*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	642.29	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.11*	
26 05 36 00-1189		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	389.94	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.50*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	427.02	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.35*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	467.58	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.38*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	545.55	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.28*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	612.79	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.64*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	688.79	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.44*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	779.24	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.96*	
26 05 36 00-1197		**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	488.80	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.44*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	528.48	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.42*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	548.51	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.43*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	616.24	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.81*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	682.74	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.14*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	741.05	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.05*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.05	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.60*	
26 05 36 00-1205		**24" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	604.94	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.25*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	655.23	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.76*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	682.91	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.15*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	753.33	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.67*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	839.42	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.97*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	903.03	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.15*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,151.37	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.57*	
26 05 36 00-1213		**36" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	727.77	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.39*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1215		EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	781.49	291.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.88*	
			For 6" Overall Height Instead Of 4-5/8", Add	*39.07*	
26 05 36 00-1216		EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	835.67	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.78*	
26 05 36 00-1217		EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	917.85	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.89*	
26 05 36 00-1218		EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,034.77	395.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*51.74*	
26 05 36 00-1219		EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,186.66	426.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*59.33*	
26 05 36 00-1220		EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,367.60	502.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*68.38*	
26 05 36 00-1221			12" Radius Vertical Tees *(26 05 36 00-1124)*		
26 05 36 00-1222		EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	610.26	204.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.94*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.51*	
26 05 36 00-1223		EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	631.56	213.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.58*	
26 05 36 00-1224		EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	647.62	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.38*	
26 05 36 00-1225		EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	685.33	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*34.27*	
26 05 36 00-1226		EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	726.93	251.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*36.35*	
26 05 36 00-1227		EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.06	276.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*38.75*	
26 05 36 00-1228		EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	835.67	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.78*	
26 05 36 00-1229			24" Radius Vertical Tees *(26 05 36 00-1124)*		
26 05 36 00-1230		EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	824.08	221.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.20*	
26 05 36 00-1231		EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	845.22	230.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*42.26*	
26 05 36 00-1232		EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	867.68	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.72*	
			For 6" Overall Height Instead Of 4-5/8", Add	*43.38*	
26 05 36 00-1233		EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	919.92	263.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.01*	
			For 6" Overall Height Instead Of 4-5/8", Add	*46.00*	
26 05 36 00-1234		EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	953.48	276.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*47.67*	
26 05 36 00-1235		EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,016.06	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*50.80*	
26 05 36 00-1236		EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,125.68	346.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.73*	
			For 6" Overall Height Instead Of 4-5/8", Add	*56.28*	
26 05 36 00-1237			36" Radius Vertical Tees *(26 05 36 00-1124)*		
26 05 36 00-1238		EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,266.38	240.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.59*	
			For 6" Overall Height Instead Of 4-5/8", Add	*63.32*	
26 05 36 00-1239		EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,295.69	251.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*64.78*	
26 05 36 00-1240		EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,327.37	263.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*66.37*	
26 05 36 00-1241		EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,384.51	291.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.18*	
			For 6" Overall Height Instead Of 4-5/8", Add	*69.23*	
26 05 36 00-1242		EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,422.47	307.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.64*	
			For 6" Overall Height Instead Of 4-5/8", Add	*71.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,520.71	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.04*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,613.57	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.68*	
26 05 36 00-1245		**12" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	628.01	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.40*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	669.74	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.49*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	698.43	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.92*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	768.50	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.43*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	848.13	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.41*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	932.82	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.64*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,053.33	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.67*	
26 05 36 00-1253		**24" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	831.75	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.59*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	872.42	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.62*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	915.89	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.79*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.66	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.58*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,098.43	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.92*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,184.59	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.23*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,306.82	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.34*	
26 05 36 00-1261		**36" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	953.14	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.66*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,006.95	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.35*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,073.99	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.70*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,153.33	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.67*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,387.20	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.36*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,529.05	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.45*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,702.57	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.13*	
26 05 36 00-1269		**12" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	628.01	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	669.74	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.49*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	698.43	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.92*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	768.50	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.43*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	848.13	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.41*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	932.82	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.64*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,051.59	425.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.58*	
26 05 36 00-1277		**24" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	831.75	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.59*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	872.42	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.62*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	915.89	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.79*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.66	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.58*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,098.43	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.92*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,184.59	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.23*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,306.82	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.34*	
26 05 36 00-1285		**36" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,122.55	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.13*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,183.41	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.17*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,261.04	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.05*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,352.73	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.64*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,634.25	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.71*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,802.56	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.13*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,006.97	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.35*	
26 05 36 00-1293		**12" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1294		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	264.78	115.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.24*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	293.46	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.67*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.24	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	396.04	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	463.81	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.19*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	513.92	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.70*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	596.23	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.81*	
26 05 36 00-1302		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	328.16	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.41*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	363.61	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.18*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	395.80	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.79*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	469.61	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.48*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	535.13	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.76*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	600.53	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.03*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	689.66	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.48*	
26 05 36 00-1310		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	349.97	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.50*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	386.56	145.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.33*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	431.97	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.60*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	522.16	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.11*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	605.26	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.26*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	685.63	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.28*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	799.11	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.96*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	187.11	83.85
		For 60 Degree Bend, Deduct	*-29.62*	
		For 30 Degree Bend, Deduct	*-54.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.36*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	216.78	100.57
		For 60 Degree Bend, Deduct	*-33.00*	
		For 30 Degree Bend, Deduct	*-60.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.84*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	243.29	115.34
		For 60 Degree Bend, Deduct	*-36.07*	
		For 30 Degree Bend, Deduct	*-66.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.16*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	303.08	145.79
		For 60 Degree Bend, Deduct	*-44.15*	
		For 30 Degree Bend, Deduct	*-81.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.15*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	372.33	178.54
		For 60 Degree Bend, Deduct	*-54.43*	
		For 30 Degree Bend, Deduct	*-100.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.62*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1324		EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	427.34	204.96
			For 60 Degree Bend, Deduct	*-62.45*	
			For 30 Degree Bend, Deduct	*-115.46*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.37*	
26 05 36 00-1325		EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	490.38	240.60
			For 60 Degree Bend, Deduct	*-69.59*	
			For 30 Degree Bend, Deduct	*-129.35*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.99*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.52*	
26 05 36 00-1326			45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*		
26 05 36 00-1327		EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	207.92	86.50
			For 60 Degree Bend, Deduct	*-35.47*	
			For 30 Degree Bend, Deduct	*-63.92*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.59*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.40*	
26 05 36 00-1328		EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	244.91	104.26
			For 60 Degree Bend, Deduct	*-40.85*	
			For 30 Degree Bend, Deduct	*-73.87*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.80*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.25*	
26 05 36 00-1329		EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	273.60	120.41
			For 60 Degree Bend, Deduct	*-44.14*	
			For 30 Degree Bend, Deduct	*-80.25*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.33*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.68*	
26 05 36 00-1330		EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	334.72	153.75
			For 60 Degree Bend, Deduct	*-51.51*	
			For 30 Degree Bend, Deduct	*-94.39*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.66*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.74*	
26 05 36 00-1331		EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	409.43	191.00
			For 60 Degree Bend, Deduct	*-61.91*	
			For 30 Degree Bend, Deduct	*-113.80*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.03*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.47*	
26 05 36 00-1332		EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	478.61	221.56
			For 60 Degree Bend, Deduct	*-73.03*	
			For 30 Degree Bend, Deduct	*-134.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.93*	
26 05 36 00-1333		EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	554.43	263.77
			For 60 Degree Bend, Deduct	*-81.87*	
			For 30 Degree Bend, Deduct	*-151.09*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.72*	
26 05 36 00-1334			45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*		
26 05 36 00-1335		EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	234.41	89.27
			For 60 Degree Bend, Deduct	*-43.15*	
			For 30 Degree Bend, Deduct	*-76.88*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.01*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.72*	
26 05 36 00-1336		EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	268.20	108.42
			For 60 Degree Bend, Deduct	*-46.95*	
			For 30 Degree Bend, Deduct	*-84.28*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.79*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.41*	
26 05 36 00-1337		EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	299.06	125.83
			For 60 Degree Bend, Deduct	*-50.46*	
			For 30 Degree Bend, Deduct	*-91.08*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.95*	
26 05 36 00-1338		EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	369.98	162.86
			For 60 Degree Bend, Deduct	*-59.65*	
			For 30 Degree Bend, Deduct	*-108.46*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.50*	
26 05 36 00-1339		EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	461.99	204.96
			For 60 Degree Bend, Deduct	*-73.88*	
			For 30 Degree Bend, Deduct	*-134.52*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.12*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.10*	
26 05 36 00-1340		EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	528.67	240.60
			For 60 Degree Bend, Deduct	*-82.22*	
			For 30 Degree Bend, Deduct	*-150.41*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.43*	
26 05 36 00-1341		EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	625.84	291.23
			For 60 Degree Bend, Deduct	*-94.88*	
			For 30 Degree Bend, Deduct	*-174.31*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.31*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.29*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*			
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		289.28	115.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-19.32*	
		For 6" Overall Height Instead Of 4-5/8", Add		*14.46*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		321.96	131.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-21.22*	
		For 6" Overall Height Instead Of 4-5/8", Add		*16.10*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		346.82	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-22.55*	
		For 6" Overall Height Instead Of 4-5/8", Add		*17.34*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		405.21	178.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-25.64*	
		For 6" Overall Height Instead Of 4-5/8", Add		*20.26*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		454.58	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-28.38*	
		For 6" Overall Height Instead Of 4-5/8", Add		*22.73*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		502.69	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.05*	
		For 6" Overall Height Instead Of 4-5/8", Add		*25.13*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		560.64	263.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-34.12*	
		For 6" Overall Height Instead Of 4-5/8", Add		*28.03*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*			
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		305.52	120.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-20.53*	
		For 6" Overall Height Instead Of 4-5/8", Add		*15.28*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		340.09	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-22.48*	
		For 6" Overall Height Instead Of 4-5/8", Add		*17.00*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		368.36	153.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-24.02*	
		For 6" Overall Height Instead Of 4-5/8", Add		*18.42*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		436.49	191.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-27.74*	
		For 6" Overall Height Instead Of 4-5/8", Add		*21.82*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		494.49	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-30.99*	
		For 6" Overall Height Instead Of 4-5/8", Add		*24.72*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		551.45	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-34.19*	
		For 6" Overall Height Instead Of 4-5/8", Add		*27.57*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray		626.60	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-38.39*	
		For 6" Overall Height Instead Of 4-5/8", Add		*31.33*	
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*			
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		371.91	125.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-26.71*	
		For 6" Overall Height Instead Of 4-5/8", Add		*18.60*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		408.58	145.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-28.72*	
		For 6" Overall Height Instead Of 4-5/8", Add		*20.43*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		447.97	162.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.22*	
		For 6" Overall Height Instead Of 4-5/8", Add		*22.40*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		525.16	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-35.43*	
		For 6" Overall Height Instead Of 4-5/8", Add		*26.26*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		591.61	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-39.11*	
		For 6" Overall Height Instead Of 4-5/8", Add		*29.58*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		666.05	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-43.54*	
		For 6" Overall Height Instead Of 4-5/8", Add		*33.30*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray		755.52	325.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-48.45*	
		For 6" Overall Height Instead Of 4-5/8", Add		*37.78*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*			
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		476.84	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-29.22*	
		For 6" Overall Height Instead Of 4-5/8", Add		*23.84*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		515.73	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-31.52*	
		For 6" Overall Height Instead Of 4-5/8", Add		*25.79*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray		535.57	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct		*-32.60*	
		For 6" Overall Height Instead Of 4-5/8", Add		*26.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	600.76	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.04*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	665.68	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.28*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	721.25	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.06*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	828.33	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.42*	
26 05 36 00-1374		**24" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	584.55	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.23*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	633.66	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.68*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	660.75	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.04*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	729.21	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.46*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	813.15	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.66*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	874.21	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.71*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,107.25	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.36*	
26 05 36 00-1382		**36" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	698.95	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.95*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	751.89	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.59*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	803.32	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.17*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	883.73	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.19*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	997.13	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.86*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,139.01	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.95*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,314.66	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.73*	
26 05 36 00-1390		**12" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	583.39	204.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.17*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	603.91	213.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.20*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	619.78	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.99*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	656.90	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.85*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.15	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.81*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.69	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.18*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	803.32	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.17*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1398		**24" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	778.59	221.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.93*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	799.15	230.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.96*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	821.01	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.05*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	871.88	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.59*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	904.27	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.21*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	965.67	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.28*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,070.79	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.54*	
26 05 36 00-1406		**36" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,179.85	240.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.99*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,208.03	251.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.40*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,238.59	263.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.93*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,294.60	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.73*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,331.44	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.57*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,426.30	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.32*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,518.05	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.90*	
26 05 36 00-1414		**12" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	611.34	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.57*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.30	291.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.57*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	679.80	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.99*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	745.95	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.30*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	824.80	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.24*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	905.37	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.27*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,019.02	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.95*	
26 05 36 00-1422		**24" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	799.79	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.99*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	839.48	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.97*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	881.97	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	935.97	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.80*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,059.61	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.98*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,143.02	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.15*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,259.96	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.00*	
26 05 36 00-1430		**36" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	915.50	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.78*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	967.74	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.39*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,032.42	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.62*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,109.02	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.45*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,332.31	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.62*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,468.26	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.41*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,634.93	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.75*	
26 05 36 00-1438		**12" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	611.34	276.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.57*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.46	291.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.57*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	679.71	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.99*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	746.15	325.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.31*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	824.80	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.24*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	905.67	395.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.28*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,018.15	425.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.91*	
26 05 36 00-1446		**24" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	799.79	307.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.99*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	839.48	325.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.97*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	881.97	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.10*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	935.97	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.80*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,059.61	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.98*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,143.02	461.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.15*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,259.96	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1454		**36" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,067.96	346.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.40*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,126.55	368.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.33*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,200.77	395.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.04*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,288.48	426.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.42*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,554.65	502.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.73*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,714.43	552.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.72*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,908.88	615.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.44*	
26 05 36 00-1462		**Dropout Or End Plates And Reducers** *(26 05 36 00-0744)*		
26 05 36 00-1463		**Straight Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1464	EA	9"-6" Reducer, Aluminum Cable Tray	230.13	85.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.51*	
26 05 36 00-1465	EA	12"-9" Reducer, Aluminum Cable Tray	243.81	92.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.19*	
26 05 36 00-1466	EA	18"-12" Reducer, Aluminum Cable Tray	269.48	106.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.47*	
26 05 36 00-1467	EA	24"-18" Reducer, Aluminum Cable Tray	299.19	123.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.96*	
26 05 36 00-1468	EA	30"-24" Reducer, Aluminum Cable Tray	326.75	138.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.34*	
26 05 36 00-1469	EA	36"-30" Reducer, Aluminum Cable Tray	365.53	158.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.28*	
26 05 36 00-1470		**Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1471	EA	18"-6" Reducer, Aluminum Cable Tray	269.59	106.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.48*	
26 05 36 00-1472	EA	24"-12" Reducer, Aluminum Cable Tray	299.49	123.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.97*	
26 05 36 00-1473	EA	30"-12" Reducer, Aluminum Cable Tray	326.57	138.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.33*	
26 05 36 00-1474	EA	30"-18" Reducer, Aluminum Cable Tray	328.34	138.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.42*	
26 05 36 00-1475	EA	36"-12" Reducer, Aluminum Cable Tray	363.57	158.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.18*	
26 05 36 00-1476	EA	36"-18" Reducer, Aluminum Cable Tray	372.45	162.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.62*	
26 05 36 00-1477	EA	36"-24" Reducer, Aluminum Cable Tray	385.01	167.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.25*	
26 05 36 00-1478		**Dropout Or End Plate** *(26 05 36 00-1462)*		
26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	69.33	34.60
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	78.31	39.56
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	84.46	42.56
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	101.98	50.29
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	113.54	55.36
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	127.83	61.47
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	143.48	69.20

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1486			Solid Bottom Cable Tray *(26 05 36 00-0001)* Note: 3-5/8" Height.		
26 05 36 00-1487			Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*		
26 05 36 00-1488		LF	6" Solid Bottom Steel Cable Tray, Straight Section	29.39	9.00
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.90*	
26 05 36 00-1489		LF	12" Solid Bottom Steel Cable Tray, Straight Section	36.60	11.08
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.65*	
26 05 36 00-1490		LF	18" Solid Bottom Steel Cable Tray, Straight Section	48.86	15.92
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.67*	
26 05 36 00-1491		LF	24" Solid Bottom Steel Cable Tray, Straight Section	56.53	18.22
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.44*	
26 05 36 00-1492		LF	30" Solid Bottom Steel Cable Tray, Straight Section	67.75	22.03
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.48*	
26 05 36 00-1493		LF	36" Solid Bottom Steel Cable Tray, Straight Section	86.47	25.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.76*	
26 05 36 00-1494			Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*		
26 05 36 00-1495			90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*		
26 05 36 00-1496		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	300.65	115.45
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.86*	
26 05 36 00-1497		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	392.04	162.40
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.73*	
26 05 36 00-1498		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	480.26	204.96
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.88*	
26 05 36 00-1499		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	588.66	251.78
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.33*	
26 05 36 00-1500		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	687.68	291.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.53*	
26 05 36 00-1501		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	772.60	325.83
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.59*	
26 05 36 00-1502			90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*		
26 05 36 00-1503		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	354.16	120.18
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.09*	
26 05 36 00-1504		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	468.40	173.12
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.40*	
26 05 36 00-1505		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	577.12	221.56
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.65*	
26 05 36 00-1506		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	703.93	276.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.45*	
26 05 36 00-1507		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	825.73	325.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.66*	
26 05 36 00-1508		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	933.20	368.85
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.50*	
26 05 36 00-1509			90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*		
26 05 36 00-1510		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	434.50	125.60
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.25*	
26 05 36 00-1511		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	561.47	184.89
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.41*	
26 05 36 00-1512		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	711.31	240.94
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.54*	
26 05 36 00-1513		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	847.87	307.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.96*	
26 05 36 00-1514		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,017.66	368.85
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.17*	
26 05 36 00-1515		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,161.14	425.02
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.32*	
26 05 36 00-1516			45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*		
26 05 36 00-1517		EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	273.71	115.45
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.81*	
26 05 36 00-1518		EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	361.72	162.40
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.18*	
26 05 36 00-1519		EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	445.19	204.73
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.66*	
26 05 36 00-1520		EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	545.80	251.43
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.96*	
26 05 36 00-1521		EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	637.32	291.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.97*	
26 05 36 00-1522		EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	714.19	325.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.93*	
26 05 36 00-1523			45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*		
26 05 36 00-1524		EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	315.85	120.30
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	423.17	173.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.64*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	525.61	221.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.87*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	643.28	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.36*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	755.82	325.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.07*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	853.60	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.56*	

26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	378.50	125.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.82*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	469.46	167.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.48*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	633.88	240.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.92*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	764.85	307.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.42*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	916.95	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.06*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,049.71	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.44*	

26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	323.97	115.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.41*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	409.37	162.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.33*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	482.42	204.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.20*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	584.33	251.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.68*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	661.69	291.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.63*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	723.93	325.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.39*	

26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	386.65	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.96*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	492.22	173.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.97*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	590.12	221.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.60*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	701.76	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.13*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	795.41	325.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.11*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	892.04	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.33*	

26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	462.66	125.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.47*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	563.68	167.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.56*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	711.31	240.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.54*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	852.20	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.61*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	985.18	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.30*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,111.32	425.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.85*	

26 05 36 00-1558 12" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	520.81	221.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.20*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	625.22	276.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.72*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	737.95	325.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.39*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	878.57	395.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.80*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	959.29	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,124.11	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.80*	
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	637.11	240.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.46*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	787.23	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.87*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	920.20	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.55*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,182.60	461.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.50*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,288.71	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.49*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,513.45	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.40*	
26 05 36 00-1572		**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	809.92	263.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.53*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	990.37	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.89*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,160.71	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.09*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,416.50	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.65*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,552.29	554.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*140.43*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,803.15	692.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*155.13*	
26 05 36 00-1579		**12" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	618.28	221.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.82*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	721.26	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.05*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	776.40	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.24*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	832.23	325.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.63*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	924.53	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.20*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,030.76	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.59*	
26 05 36 00-1586		**24" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	769.23	240.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.28*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	897.69	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.44*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	981.71	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.59*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,039.32	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.42*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,175.88	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.36*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,325.53	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*115.01*	
26 05 36 00-1593		**36" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,012.84	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.04*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,161.48	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.55*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,286.43	395.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*127.13*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,359.98	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.98*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,596.27	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*155.62*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,722.61	552.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*166.27*	
26 05 36 00-1600		**12" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	643.28	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	740.12	325.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.72*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	890.07	395.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.68*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,028.83	461.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.43*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,211.46	552.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.60*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,344.52	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.07*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	844.45	307.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.36*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	985.18	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.30*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,182.60	461.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.50*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,454.82	554.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.81*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,600.09	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*137.40*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,759.83	692.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*148.64*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,118.16	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.06*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,305.83	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.85*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,573.95	554.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.67*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,795.02	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*166.64*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,987.25	692.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*182.75*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,204.65	789.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*199.03*	

26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

26 05 36 00-1622	EA	12"-6" Reducer, Solid Bottom, Steel Cable Tray	259.92	92.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.61*	
26 05 36 00-1623	EA	18"-12" Reducer, Solid Bottom, Steel Cable Tray	282.09	104.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.93*	
26 05 36 00-1624	EA	24"-18" Reducer, Solid Bottom, Steel Cable Tray	312.87	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.91*	
26 05 36 00-1625	EA	30"-24" Reducer, Solid Bottom, Steel Cable Tray	351.97	138.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.73*	
26 05 36 00-1626	EA	36"-30" Reducer, Solid Bottom, Steel Cable Tray	381.47	153.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.64*	

26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

26 05 36 00-1628	EA	18"-6" Reducer, Solid Bottom, Steel Cable Tray	282.20	104.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.94*	
26 05 36 00-1629	EA	24"-12" Reducer, Solid Bottom, Steel Cable Tray	311.12	120.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.60*	
26 05 36 00-1630	EA	30"-12" Reducer, Solid Bottom, Steel Cable Tray	347.46	138.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.07*	
26 05 36 00-1631	EA	30"-18" Reducer, Solid Bottom, Steel Cable Tray	349.43	138.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.38*	
26 05 36 00-1632	EA	36"-12" Reducer, Solid Bottom, Steel Cable Tray	379.31	153.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.31*	
26 05 36 00-1633	EA	36"-18" Reducer, Solid Bottom, Steel Cable Tray	381.47	153.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.64*	
26 05 36 00-1634	EA	36"-24" Reducer, Solid Bottom, Steel Cable Tray	384.10	153.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.98*	

26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	79.75	34.60
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	97.87	42.22
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	112.96	50.06
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	127.03	55.36
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	141.42	61.47
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	157.03	69.20

26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	26.00	7.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.69*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	32.37	8.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.44*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	41.38	11.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.35*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	49.13	12.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.34*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	60.31	15.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.41*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	71.59	17.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.85*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	303.90	115.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.35*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	367.78	145.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.94*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	424.63	162.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.57*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	494.64	191.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.34*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	584.04	221.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.64*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	660.23	251.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.06*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	358.98	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.81*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	444.77	153.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.06*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	502.71	173.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.57*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	606.55	204.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.82*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	703.73	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.51*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	809.92	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.35*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	444.53	125.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.75*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	554.11	163.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.94*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	642.69	184.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.60*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	727.75	221.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.29*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	845.63	263.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.89*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	987.05	306.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.93*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	279.49	115.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.67*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	340.18	145.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.80*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	390.63	162.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.49*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	455.21	190.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.49*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	536.88	221.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.57*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	606.09	251.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.06*	

26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	324.23	120.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.58*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	403.13	153.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.84*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	456.13	173.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	548.27	204.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.08*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	638.13	240.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.56*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	733.23	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.85*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	393.08	125.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.01*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	491.49	162.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.60*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	569.07	184.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.55*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	649.71	221.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.49*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	756.29	263.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.49*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	884.19	307.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.32*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	324.31	115.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.46*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	379.98	145.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.77*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	426.37	162.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.83*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	482.44	191.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.51*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	543.95	221.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.63*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	598.00	251.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.85*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	388.61	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.25*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	460.45	153.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.41*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	507.94	173.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.36*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	580.41	204.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.90*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	653.19	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.93*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	740.20	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.90*	
26 05 36 00-1706		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	456.73	125.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.58*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	550.62	163.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.42*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	611.31	184.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.89*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	684.18	221.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.75*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	788.12	263.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.26*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	873.76	306.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.94*	
26 05 36 00-1713		**12" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	541.74	221.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.34*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	627.63	251.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.30*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	696.63	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.36*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	776.24	307.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.13*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	918.06	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.23*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,117.49	461.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1720		**24" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	685.11	240.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.66*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	782.03	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.17*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	874.67	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.98*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,059.23	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.40*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,274.34	461.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.26*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,407.07	504.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*127.00*	
26 05 36 00-1727		**36" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	901.40	263.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.26*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,017.58	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.42*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,160.54	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.41*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,388.18	425.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*137.38*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,673.60	554.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*158.62*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,862.69	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*176.79*	
26 05 36 00-1734		**12" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	614.94	221.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.32*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	670.07	251.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.60*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	700.31	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.16*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	739.46	276.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.86*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	815.41	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.10*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	935.49	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.84*	
26 05 36 00-1741		**24" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	763.54	240.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.43*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	844.77	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.58*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	895.00	291.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.71*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	956.58	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.27*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,064.69	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.03*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,222.61	425.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.54*	
26 05 36 00-1748		**36" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,005.30	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.91*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,098.44	303.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.18*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,169.42	325.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.21*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,221.54	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.56*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,355.46	395.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*137.49*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	914.89	502.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.41*	
26 05 36 00-1755		**12" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	638.70	251.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.90*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	708.83	276.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.19*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	824.34	325.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	979.00	395.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.02*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,070.98	425.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.80*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,241.50	504.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.16*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	845.51	277.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.62*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	956.58	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.27*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,097.58	368.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.16*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,354.82	462.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*126.13*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,485.50	504.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.76*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,697.12	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*151.96*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,165.72	307.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*123.64*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,282.54	346.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*134.71*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,494.49	426.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.15*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,778.17	554.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*174.31*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,949.84	615.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*189.86*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,233.94	692.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*219.75*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

26 05 36 00-1777	EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	239.97	79.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.80*	
26 05 36 00-1778	EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	265.08	92.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.41*	
26 05 36 00-1779	EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	292.31	104.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.47*	
26 05 36 00-1780	EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	329.49	120.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.37*	
26 05 36 00-1781	EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	366.25	138.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.91*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	263.42	92.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.15*	
26 05 36 00-1784	EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	290.89	104.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.22*	
26 05 36 00-1785	EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	325.86	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.84*	
26 05 36 00-1786	EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	327.47	120.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.10*	
26 05 36 00-1787	EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	366.25	138.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.91*	
26 05 36 00-1788	EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	367.99	138.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.17*	
26 05 36 00-1789	EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	371.85	138.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.71*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	79.71	34.60
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	95.28	42.22
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	113.30	50.06
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	125.12	55.36
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	140.77	61.47
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	159.78	69.20

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	34.10	12.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1800		LF	12" Vented Bottom Steel Cable Tray, Straight Section	39.96	13.84
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.85*	
26 05 36 00-1801		LF	18" Vented Bottom Steel Cable Tray, Straight Section	46.93	15.92
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.37*	
26 05 36 00-1802		LF	24" Vented Bottom Steel Cable Tray, Straight Section	53.84	18.22
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.86*	
26 05 36 00-1803		LF	30" Vented Bottom Steel Cable Tray, Straight Section	70.34	22.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.20*	
26 05 36 00-1804		LF	36" Vented Bottom Steel Cable Tray, Straight Section	83.79	27.68
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.07*	
26 05 36 00-1805			Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*		
26 05 36 00-1806			90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1807		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	328.41	145.79
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.70*	
26 05 36 00-1808		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	430.26	197.23
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.59*	
26 05 36 00-1809		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	535.77	251.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.62*	
26 05 36 00-1810		EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	656.91	307.84
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.04*	
26 05 36 00-1811		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	740.85	346.71
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.19*	
26 05 36 00-1812		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	848.40	395.84
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.85*	
26 05 36 00-1813			90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1814		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	382.33	153.63
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.43*	
26 05 36 00-1815		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	500.53	213.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.30*	
26 05 36 00-1816		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	637.15	276.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.65*	
26 05 36 00-1817		EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	774.86	346.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.65*	
26 05 36 00-1818		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	824.29	357.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.64*	
26 05 36 00-1819		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,034.22	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.98*	
26 05 36 00-1820			90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1821		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	459.33	162.40
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.40*	
26 05 36 00-1822		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	600.72	231.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.82*	
26 05 36 00-1823		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	771.97	307.84
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.54*	
26 05 36 00-1824		EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	931.61	395.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.25*	
26 05 36 00-1825		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,075.77	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.13*	
26 05 36 00-1826		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,263.24	552.69
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.26*	
26 05 36 00-1827			45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1828		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	309.81	145.90
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.83*	
26 05 36 00-1829		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	407.94	197.23
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.36*	
26 05 36 00-1830		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	509.49	251.09
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.02*	
26 05 36 00-1831		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	624.35	307.26
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.83*	
26 05 36 00-1832		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	704.99	346.71
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.61*	
26 05 36 00-1833		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	805.42	395.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.63*	
26 05 36 00-1834			45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1835		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	354.79	153.75
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.66*	
26 05 36 00-1836		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	468.54	213.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.10*	
26 05 36 00-1837		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	599.21	277.27
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.82*	
26 05 36 00-1838		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	731.27	346.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	838.08	395.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.82*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	975.85	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.14*	
26 05 36 00-1841		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	418.36	162.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.27*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	552.24	230.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.03*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	715.01	307.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.85*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	872.98	395.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.31*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,008.26	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.38*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,190.95	554.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.89*	
26 05 36 00-1848		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	352.57	145.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.14*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	451.84	197.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.75*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	543.76	251.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.42*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	655.31	307.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.88*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	723.27	346.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.44*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	811.74	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.26*	
26 05 36 00-1855		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	414.29	153.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.63*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	522.91	213.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.54*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	646.74	276.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.61*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	768.47	346.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.01*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	874.07	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.49*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	994.26	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.98*	
26 05 36 00-1862		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	484.90	162.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.95*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	611.91	231.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.94*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	765.58	307.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.90*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	928.41	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.93*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,045.40	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.09*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,228.08	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.75*	
26 05 36 00-1869		**12" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	590.80	276.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.01*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	719.38	345.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.16*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	822.83	395.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.29*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	957.50	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.30*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,053.96	502.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.49*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,157.76	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.71*	
26 05 36 00-1876		**24" Radius Horizontal Tees** *(26 05 36 00-1805)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1877		EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	726.31	307.26
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.02*	
26 05 36 00-1878		EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	891.65	395.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.25*	
26 05 36 00-1879		EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,029.42	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.50*	
26 05 36 00-1880		EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,260.04	552.69
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.94*	
26 05 36 00-1881		EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,393.71	615.67
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.06*	
26 05 36 00-1882		EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,559.32	692.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.26*	
26 05 36 00-1883			36" Radius Horizontal Tees *(26 05 36 00-1805)*		
26 05 36 00-1884		EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	883.54	346.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.52*	
26 05 36 00-1885		EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,118.92	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.45*	
26 05 36 00-1886		EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,306.14	554.55
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.41*	
26 05 36 00-1887		EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,613.65	692.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.70*	
26 05 36 00-1888		EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,810.12	793.64
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.88*	
26 05 36 00-1889		EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,109.08	920.28
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-134.22*	
26 05 36 00-1890			12" Radius Vertical Tees *(26 05 36 00-1805)*		
26 05 36 00-1891		EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	677.10	276.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.64*	
26 05 36 00-1892		EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	795.64	346.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.73*	
26 05 36 00-1893		EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	838.55	368.85
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.11*	
26 05 36 00-1894		EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	894.85	395.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.57*	
26 05 36 00-1895		EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	961.12	426.17
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.60*	
26 05 36 00-1896		EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,093.92	502.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.48*	
26 05 36 00-1897			24" Radius Vertical Tees *(26 05 36 00-1805)*		
26 05 36 00-1898		EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	801.43	307.26
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.54*	
26 05 36 00-1899		EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	961.97	395.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.28*	
26 05 36 00-1900		EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,028.25	426.17
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.31*	
26 05 36 00-1901		EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,110.93	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.65*	
26 05 36 00-1902		EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,197.80	502.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.87*	
26 05 36 00-1903		EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,416.08	615.67
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.30*	
26 05 36 00-1904			36" Radius Vertical Tees *(26 05 36 00-1805)*		
26 05 36 00-1905		EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,035.81	345.32
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.80*	
26 05 36 00-1906		EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,240.38	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.59*	
26 05 36 00-1907		EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,325.65	502.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.65*	
26 05 36 00-1908		EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,443.59	554.55
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.15*	
26 05 36 00-1909		EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,625.44	615.67
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.24*	
26 05 36 00-1910		EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,923.94	789.95
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.56*	
26 05 36 00-1911			12" Radius Horizontal Crosses *(26 05 36 00-1805)*		
26 05 36 00-1912		EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	742.90	346.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.46*	
26 05 36 00-1913		EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	827.63	395.84
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.77*	
26 05 36 00-1914		EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	955.91	461.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.15*	
26 05 36 00-1915		EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,117.80	552.69
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,243.05	613.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.18*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,401.10	692.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.44*	
26 05 36 00-1918		**24" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	920.32	395.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.04*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,042.21	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.78*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,221.69	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.11*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,535.34	692.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.87*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,738.56	789.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.02*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,981.23	920.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.44*	
26 05 36 00-1925		**36" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,208.42	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.40*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,386.05	554.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.40*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,624.84	692.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-104.82*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,109.30	925.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.83*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,471.65	1,108.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-154.75*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,977.99	1,384.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-182.46*	
26 05 36 00-1932		**Straight Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1933	EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	277.13	117.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.89*	
26 05 36 00-1934	EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	303.34	131.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.36*	
26 05 36 00-1935	EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	345.35	153.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.74*	
26 05 36 00-1936	EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	381.03	173.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.69*	
26 05 36 00-1937	EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	416.65	190.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.79*	
26 05 36 00-1938		**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939	EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	303.34	131.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.36*	
26 05 36 00-1940	EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	344.21	153.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.61*	
26 05 36 00-1941	EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	379.16	172.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.51*	
26 05 36 00-1942	EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	380.46	172.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.66*	
26 05 36 00-1943	EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	415.05	190.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.63*	
26 05 36 00-1944	EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	416.65	190.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.79*	
26 05 36 00-1945	EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	418.94	191.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.98*	
26 05 36 00-1946		**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	90.19	42.56
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	106.74	49.95
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	117.69	55.13
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	132.19	61.47
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	147.00	69.09
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	172.86	82.58
26 05 36 00-1953		**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	31.50	9.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.40*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	34.88	9.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.67*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	39.03	11.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	45.32	12.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.50*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	51.84	13.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.04*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	65.36	15.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.22*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	73.02	18.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.76*	
26 05 36 00-1961		Vented Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1797)*		
26 05 36 00-1962		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*		
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	410.67	145.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.92*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	446.16	158.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.43*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	491.47	178.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.30*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	555.27	197.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.07*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	664.17	240.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.34*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	785.46	277.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.44*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	865.61	307.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.91*	
26 05 36 00-1970		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	499.20	153.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.12*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	602.73	191.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.36*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	683.33	213.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.58*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	813.31	263.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.39*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	939.17	306.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.35*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,038.64	346.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.03*	
26 05 36 00-1977		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*		
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	613.57	162.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.82*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	733.49	205.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.25*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	829.91	231.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.74*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	971.70	291.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.90*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,041.74	282.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.66*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,278.31	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.92*	
26 05 36 00-1984		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*		
26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	373.97	145.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.24*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	406.28	158.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.43*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	448.68	178.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.02*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	505.15	197.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.08*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	605.85	240.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.53*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	714.32	277.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.33*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	787.14	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.11*	
26 05 36 00-1992		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*		
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	445.95	153.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.78*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	540.14	191.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.10*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	611.57	213.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	731.60	263.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.18*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	846.84	307.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.03*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	937.01	346.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.87*	

26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	538.66	162.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.80*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	646.56	204.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.59*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	732.02	231.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.95*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	865.54	291.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.24*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	988.68	325.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.72*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,143.41	395.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.35*	

26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	446.53	145.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.54*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	479.48	157.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.79*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	515.78	178.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.73*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	555.27	197.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.07*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	652.02	240.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.12*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	724.67	277.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.36*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	777.18	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.11*	

26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	530.81	153.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.28*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	617.31	191.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.82*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	680.90	213.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.34*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	770.21	263.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.04*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	859.84	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.38*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	941.39	346.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.30*	

26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	611.14	162.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.58*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	706.74	205.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.57*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	793.44	231.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.10*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	927.93	291.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.52*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,029.29	325.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.78*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,159.18	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.00*	

26 05 36 00-2028 12" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	716.64	276.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.60*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	748.01	291.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.53*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	795.72	306.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.01*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	908.50	346.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.96*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,037.61	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.85*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,174.95	461.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,300.16	502.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.11*	
26 05 36 00-2036		**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	901.17	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.51*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,018.04	345.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.03*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,144.59	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.54*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,374.71	460.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.13*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,580.64	554.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.86*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,792.00	615.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-127.89*	
26 05 36 00-2043		**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,201.54	346.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.32*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,375.57	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-104.64*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,456.69	385.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.56*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,869.45	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-140.88*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,167.02	694.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-158.80*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,483.68	789.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-182.54*	
26 05 36 00-2050		**12" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	811.46	276.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.08*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	837.97	291.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.53*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	891.45	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.54*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	924.74	325.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.32*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	966.99	345.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.92*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,023.28	368.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.59*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,133.95	425.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.97*	
26 05 36 00-2058		**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,008.15	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.21*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,110.43	345.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.27*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,186.17	368.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.88*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,266.16	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.70*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,364.93	425.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.07*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,509.27	504.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.89*	
26 05 36 00-2065		**36" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,341.41	345.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.36*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,472.82	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.37*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,547.28	425.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.30*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,670.57	462.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-128.51*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,813.19	504.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-139.29*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,043.66	613.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-153.24*	
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	830.67	307.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.46*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	883.41	325.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.19*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	927.95	346.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.90*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,025.45	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.63*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,175.34	460.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.19*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,331.77	501.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.39*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,624.24	615.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.12*	

26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,149.20	346.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.03*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,283.17	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.40*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,440.35	460.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.69*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,699.26	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-123.86*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,861.31	613.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-135.01*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,264.86	789.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.65*	

26 05 36 00-2087 36" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,594.39	395.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.52*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,767.82	462.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-138.23*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,003.18	552.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-154.26*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,410.15	694.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-183.11*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,684.23	793.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-202.29*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,114.11	920.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-234.72*	

26 05 36 00-2094 Straight Reducers *(26 05 36 00-1961)*

26 05 36 00-2095	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray	309.48	92.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.25*	
26 05 36 00-2096	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray	324.89	97.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.39*	
26 05 36 00-2097	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray	367.17	115.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.11*	
26 05 36 00-2098	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray	406.48	131.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.68*	
26 05 36 00-2099	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray	448.39	153.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.02*	
26 05 36 00-2100	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray	487.14	172.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.33*	

26 05 36 00-2101 Reducers *(26 05 36 00-1961)*

26 05 36 00-2102	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray	324.62	97.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.38*	
26 05 36 00-2103	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray	367.04	115.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.11*	
26 05 36 00-2104	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray	367.04	115.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.11*	
26 05 36 00-2105	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray	406.65	131.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	
26 05 36 00-2106	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray	406.65	131.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	
26 05 36 00-2107	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray	406.98	131.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.71*	
26 05 36 00-2108	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray	453.01	153.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.50*	
26 05 36 00-2109	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray	447.93	153.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.00*	
26 05 36 00-2110	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray	487.14	172.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.33*	
26 05 36 00-2111	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray	487.14	172.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2112		EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray	487.71	173.00
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.35*	
26 05 36 00-2113			**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114		EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	102.78	42.56
26 05 36 00-2115		EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	112.16	46.48
26 05 36 00-2116		EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	120.86	49.95
26 05 36 00-2117		EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	137.22	55.13
26 05 36 00-2118		EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	157.25	61.47
26 05 36 00-2119		EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	178.55	69.09
26 05 36 00-2120		EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	198.71	79.12
26 05 36 00-2121			**Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122			**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123			**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124		LF	6" Steel Cable Tray Cover, Straight Section	8.55	2.07
26 05 36 00-2125		LF	9" Steel Cable Tray Cover, Straight Section	10.27	2.43
26 05 36 00-2126		LF	12" Steel Cable Tray Cover, Straight Section	12.03	2.77
26 05 36 00-2127		LF	18" Steel Cable Tray Cover, Straight Section	16.29	3.69
26 05 36 00-2128		LF	24" Steel Cable Tray Cover, Straight Section	20.79	4.96
26 05 36 00-2129		LF	30" Steel Cable Tray Cover, Straight Section	25.25	6.11
26 05 36 00-2130		LF	36" Steel Cable Tray Cover, Straight Section	132.75	69.32
26 05 36 00-2131			**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132		EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	49.91	7.38
26 05 36 00-2133		EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	55.96	8.65
26 05 36 00-2134		EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	60.98	10.26
26 05 36 00-2135		EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	82.63	13.15
26 05 36 00-2136		EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	101.46	16.73
26 05 36 00-2137		EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	121.95	18.57
26 05 36 00-2138		EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	147.23	22.14
26 05 36 00-2139			**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2140		EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	75.93	8.19
26 05 36 00-2141		EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	79.85	9.57
26 05 36 00-2142		EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	90.39	11.54
26 05 36 00-2143		EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	112.24	14.64
26 05 36 00-2144		EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	137.87	18.45
26 05 36 00-2145		EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	176.10	21.22
26 05 36 00-2146		EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	205.00	25.15
26 05 36 00-2147			**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2148		EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	106.41	9.23
26 05 36 00-2149		EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	118.44	10.61
26 05 36 00-2150		EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	129.02	13.15
26 05 36 00-2151		EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	163.07	15.34
26 05 36 00-2152		EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	198.49	21.34
26 05 36 00-2153		EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	233.51	24.11
26 05 36 00-2154		EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	273.00	27.68
26 05 36 00-2155			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156		EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	39.05	7.38
			For 60 Degree Bend, Deduct	*-10.04*	
			For 30 Degree Bend, Deduct	*-17.15*	
26 05 36 00-2157		EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	46.37	8.65
			For 60 Degree Bend, Deduct	*-11.99*	
			For 30 Degree Bend, Deduct	*-20.46*	
26 05 36 00-2158		EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	52.19	10.26
			For 60 Degree Bend, Deduct	*-13.31*	
			For 30 Degree Bend, Deduct	*-22.74*	
26 05 36 00-2159		EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	63.30	12.57
			For 60 Degree Bend, Deduct	*-16.07*	
			For 30 Degree Bend, Deduct	*-27.48*	
26 05 36 00-2160		EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	73.86	14.53
			For 60 Degree Bend, Deduct	*-18.78*	
			For 30 Degree Bend, Deduct	*-32.11*	
26 05 36 00-2161		EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	86.29	16.73
			For 60 Degree Bend, Deduct	*-22.04*	
			For 30 Degree Bend, Deduct	*-37.67*	
26 05 36 00-2162		EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	96.28	18.45
			For 60 Degree Bend, Deduct	*-24.70*	
			For 30 Degree Bend, Deduct	*-42.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2163		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	52.77	8.19
		For 60 Degree Bend, Deduct	*-14.28*	
		For 30 Degree Bend, Deduct	*-24.26*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	59.87	9.57
		For 60 Degree Bend, Deduct	*-16.10*	
		For 30 Degree Bend, Deduct	*-27.36*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	68.81	11.54
		For 60 Degree Bend, Deduct	*-18.28*	
		For 30 Degree Bend, Deduct	*-31.10*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	79.84	13.84
		For 60 Degree Bend, Deduct	*-21.03*	
		For 30 Degree Bend, Deduct	*-35.83*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	91.93	15.80
		For 60 Degree Bend, Deduct	*-24.26*	
		For 30 Degree Bend, Deduct	*-41.32*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	113.93	18.45
		For 60 Degree Bend, Deduct	*-30.51*	
		For 30 Degree Bend, Deduct	*-51.87*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	126.62	21.34
		For 60 Degree Bend, Deduct	*-33.62*	
		For 30 Degree Bend, Deduct	*-57.21*	
26 05 36 00-2171		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	72.08	9.23
		For 60 Degree Bend, Deduct	*-20.26*	
		For 30 Degree Bend, Deduct	*-34.28*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	81.69	10.61
		For 60 Degree Bend, Deduct	*-22.87*	
		For 30 Degree Bend, Deduct	*-38.71*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	92.21	13.15
		For 60 Degree Bend, Deduct	*-25.39*	
		For 30 Degree Bend, Deduct	*-43.05*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	105.07	14.64
		For 60 Degree Bend, Deduct	*-29.07*	
		For 30 Degree Bend, Deduct	*-49.26*	
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	128.08	17.88
		For 60 Degree Bend, Deduct	*-35.41*	
		For 30 Degree Bend, Deduct	*-60.02*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	142.60	21.34
		For 60 Degree Bend, Deduct	*-38.89*	
		For 30 Degree Bend, Deduct	*-66.00*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	167.92	23.06
		For 60 Degree Bend, Deduct	*-46.57*	
		For 30 Degree Bend, Deduct	*-78.89*	
26 05 36 00-2179		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	43.64	7.38
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	46.37	8.65
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	51.39	10.26
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	60.14	12.57
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	67.08	16.26
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	74.80	18.57
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	93.61	22.14
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	51.96	8.19
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	58.27	9.57
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	63.22	11.54
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	81.39	13.84
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	95.28	17.88
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	109.79	21.34
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	126.69	25.15
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	60.06	9.23
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	74.50	10.61
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	85.87	13.15
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	105.07	14.64
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	123.60	20.42
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	147.21	24.11
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	172.32	27.68
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	76.81	12.00
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	81.39	13.84
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	92.57	16.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	110.74	18.45
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	136.20	21.34
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	169.43	30.68
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	203.61	36.80
26 05 36 00-2211		24" Radius Horizontal Tees *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	110.48	12.57
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	126.63	14.64
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	134.29	17.30
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	168.83	19.84
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	246.11	23.06
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	294.24	34.60
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	331.43	42.56
26 05 36 00-2219		36" Radius Horizontal Tees *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	183.33	13.15
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	190.22	15.34
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	212.98	18.45
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	249.73	21.34
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	323.27	25.15
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	371.32	39.67
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	430.42	50.18
26 05 36 00-2227		12" Radius Horizontal Crosses *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	111.80	16.26
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	118.34	17.30
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	130.72	18.45
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	153.78	21.34
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	194.97	30.68
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	225.92	36.80
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	257.64	39.56
26 05 36 00-2235		24" Radius Horizontal Crosses *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	190.29	17.30
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	206.59	18.45
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	221.57	19.84
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	263.69	23.06
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	332.55	34.60
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	380.88	42.56
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	425.13	46.02
26 05 36 00-2243		36" Radius Horizontal Crosses *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	300.88	18.45
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	312.67	19.84
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	329.64	21.34
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	380.80	25.15
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	497.53	39.56
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	547.47	50.41
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	587.70	55.36
26 05 36 00-2251		Reducers *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers	50.38	8.65
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers	54.63	10.26
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers	54.63	10.26
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers	60.92	12.57
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers	60.92	12.57
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers	74.20	13.84
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers	79.00	13.84
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers	77.52	15.80
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers	82.32	15.80
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers	85.51	15.80
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers	89.51	17.30
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers	91.11	17.30
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers	92.71	17.30
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers	93.51	17.30
26 05 36 00-2266		Aluminum Covers *(26 05 36 00-2121)*		
26 05 36 00-2267		Ventilated Straight Sections *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	11.53	2.07
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	13.76	2.43
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	16.16	2.77
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	21.51	3.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	27.63	4.96
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	31.38	6.11
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	138.04	69.32
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	64.73	7.38
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	69.07	8.65
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	76.24	10.26
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	99.33	13.15
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	125.87	16.73
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	148.14	18.57
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	180.44	22.14
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	85.34	8.19
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	104.74	9.57
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	117.20	11.54
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	140.49	14.64
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	174.27	18.45
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	210.82	21.22
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	258.34	25.15
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	138.29	9.23
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	152.13	10.61
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	174.53	13.15
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	207.82	15.34
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	256.39	21.34
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	295.20	24.11
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	344.40	27.68
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	51.08	7.38
		For 60 Degree Bend, Deduct	*-14.01*	
		For 30 Degree Bend, Deduct	*-23.77*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	54.26	8.65
		For 60 Degree Bend, Deduct	*-14.59*	
		For 30 Degree Bend, Deduct	*-24.80*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	61.67	10.26
		For 60 Degree Bend, Deduct	*-16.43*	
		For 30 Degree Bend, Deduct	*-27.96*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	72.19	12.57
		For 60 Degree Bend, Deduct	*-19.00*	
		For 30 Degree Bend, Deduct	*-32.37*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	81.26	14.53
		For 60 Degree Bend, Deduct	*-21.22*	
		For 30 Degree Bend, Deduct	*-36.18*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	99.70	16.73
		For 60 Degree Bend, Deduct	*-26.47*	
		For 30 Degree Bend, Deduct	*-45.05*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	117.30	18.45
		For 60 Degree Bend, Deduct	*-31.63*	
		For 30 Degree Bend, Deduct	*-53.75*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	58.59	8.19
		For 60 Degree Bend, Deduct	*-16.20*	
		For 30 Degree Bend, Deduct	*-27.46*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	72.86	9.57
		For 60 Degree Bend, Deduct	*-20.38*	
		For 30 Degree Bend, Deduct	*-34.50*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	78.48	11.54
		For 60 Degree Bend, Deduct	*-21.47*	
		For 30 Degree Bend, Deduct	*-36.42*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	94.84	13.84
		For 60 Degree Bend, Deduct	*-25.98*	
		For 30 Degree Bend, Deduct	*-44.08*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	115.23	15.80
		For 60 Degree Bend, Deduct	*-31.95*	
		For 30 Degree Bend, Deduct	*-54.13*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	133.31	18.45
		For 60 Degree Bend, Deduct	*-36.90*	
		For 30 Degree Bend, Deduct	*-62.53*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	153.95	21.34
		For 60 Degree Bend, Deduct	*-42.63*	
		For 30 Degree Bend, Deduct	*-72.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2315		45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2266)*		
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	92.77	9.23
		For 60 Degree Bend, Deduct	*-27.09*	
		For 30 Degree Bend, Deduct	*-45.65*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	102.02	10.61
		For 60 Degree Bend, Deduct	*-29.58*	
		For 30 Degree Bend, Deduct	*-49.90*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	110.71	13.15
		For 60 Degree Bend, Deduct	*-31.50*	
		For 30 Degree Bend, Deduct	*-53.23*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	131.40	14.64
		For 60 Degree Bend, Deduct	*-37.76*	
		For 30 Degree Bend, Deduct	*-63.74*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	159.60	17.88
		For 60 Degree Bend, Deduct	*-45.82*	
		For 30 Degree Bend, Deduct	*-77.35*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	183.55	21.34
		For 60 Degree Bend, Deduct	*-52.40*	
		For 30 Degree Bend, Deduct	*-88.52*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	207.00	23.06
		For 60 Degree Bend, Deduct	*-59.46*	
		For 30 Degree Bend, Deduct	*-100.39*	
26 05 36 00-2323		90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2266)*		
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	56.96	7.38
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	59.39	8.65
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	65.99	10.26
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	77.92	12.57
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	86.34	16.26
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	91.20	18.57
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	109.75	22.14
26 05 36 00-2331		90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2266)*		
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	64.84	8.19
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	71.72	9.57
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	79.62	11.54
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	95.94	13.84
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	109.47	17.88
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	137.96	21.34
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	153.58	25.15
26 05 36 00-2339		90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2266)*		
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	74.52	9.23
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	90.64	10.61
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	106.20	13.15
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	126.84	14.64
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	154.80	20.42
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	192.72	24.11
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	210.03	27.68
26 05 36 00-2347		12" Radius Horizontal Tees *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	92.95	12.00
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	100.49	13.84
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	113.59	16.26
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	133.31	18.45
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	165.33	21.34
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	203.76	30.68
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	245.84	36.80
26 05 36 00-2355		24" Radius Horizontal Tees *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	139.41	12.57
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	156.44	14.64
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	176.84	17.30
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	206.07	19.84
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	313.92	23.06
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	362.88	34.60
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	410.26	42.56
26 05 36 00-2363		36" Radius Horizontal Tees *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	238.26	13.15
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	246.52	15.34
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	274.47	18.45
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	311.15	21.34
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	392.71	25.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	460.06	39.67
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	527.71	50.18
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	138.69	16.26
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	147.27	17.30
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	162.92	18.45
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	194.94	21.34
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	235.60	30.68
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	279.94	36.80
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	318.65	39.56
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	247.50	17.30
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	265.36	18.45
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	285.78	19.84
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	332.14	23.06
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	408.38	34.60
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	480.77	42.56
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	520.82	46.02
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	381.51	18.45
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	399.65	19.84
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	429.57	21.34
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	474.70	25.15
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	601.21	39.56
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	698.90	50.41
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	764.10	55.36
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	70.22	8.65
26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	75.14	10.26
26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	75.14	10.26
26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	84.74	12.57
26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	84.74	12.57
26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	93.67	13.84
26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	102.73	13.84
26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	108.37	15.80
26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	111.76	15.80
26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	114.09	15.80
26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	119.88	17.30
26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	122.15	17.30
26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	123.29	17.30
26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	124.43	17.30
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	9.01	2.77
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	10.51	3.00
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	12.88	3.46
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	54.57	19.84
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	61.23	20.53
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	64.29	21.34
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	72.87	22.14
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	69.67	22.14
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	75.17	23.06
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	86.48	24.11
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	105.12	25.15
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	85.94	25.15
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	95.08	26.41
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	106.07	27.68
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	131.66	29.18
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	61.63	20.53
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	67.48	21.34
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	72.87	22.14
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	82.36	23.06
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	82.36	23.06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	95.27	24.11
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	104.32	25.15
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	127.04	26.41
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	91.27	24.11
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	100.32	25.15
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	117.46	26.41
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	146.03	27.68
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	68.38	23.06
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	73.69	24.11
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	80.35	25.15
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	91.89	26.41
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	84.08	24.11
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	97.13	25.15
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	107.07	26.41
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	129.24	27.68
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	93.13	25.15
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	107.07	26.41
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	129.24	27.68
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	155.64	29.18
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	58.67	16.73
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	65.15	18.45
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	78.09	20.53
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	10.64	2.66
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	12.58	2.89
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	15.55	3.23
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	56.78	19.14
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	62.41	19.84
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	68.57	20.53
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	79.10	21.34
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	76.92	21.34
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	84.85	22.14
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	98.33	23.06
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	121.84	24.11
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	103.32	24.11
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	123.70	25.15
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	149.62	26.41
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	184.50	27.68
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	68.18	19.84
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	75.00	20.53
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	82.37	21.34
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	92.47	22.14
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	91.38	22.14
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	105.96	23.06
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	119.66	24.11
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	150.94	25.15
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	123.39	23.06
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	149.08	24.11
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	174.91	25.15
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	211.72	26.41
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	75.48	22.14
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	84.17	23.06
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	88.07	24.11
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	98.64	25.15
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	95.06	23.06
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	117.48	24.11
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	126.97	25.15
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	159.43	26.41
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	126.20	24.11
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	157.48	25.15
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	180.13	26.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	209.56	27.68
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	66.07	15.80
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	72.42	17.30
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	89.57	19.14
26 05 36 00-2506		**Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Tray Wall Bracket	82.49	23.06
26 05 36 00-2509	EA	9" Wide Tray Wall Bracket	85.47	24.11
26 05 36 00-2510	EA	12" Wide Tray Wall Bracket	93.62	25.15
26 05 36 00-2511	EA	18" Wide Tray Wall Bracket	99.35	26.41
26 05 36 00-2512	EA	24" Wide Tray Wall Bracket	107.85	27.68
26 05 36 00-2513	EA	30" Wide Tray Wall Bracket	127.89	29.18
26 05 36 00-2514	EA	36" Wide Tray Wall Bracket	152.65	31.14
26 05 36 00-2515		**Fiberglass Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2516		**Ladder Bottom Fiberglass Cable Tray** *(26 05 36 00-2515)* Note: Excludes hangers and support system.		
26 05 36 00-2517		**Straight Tray Sections** *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.13	3.12
		For 9" Rung Spacing, Add	*0.23*	
		For 6" Rung Spacing, Add	*0.98*	
		For 4" Rung Spacing, Add	*1.79*	
		For 18" Rung Spacing, Deduct	*-0.16*	
		For Solid Bottom, Add	*2.65*	
		For Vented Trough Bottom, Add	*3.18*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	12.50	3.81
		For 9" Rung Spacing, Add	*0.24*	
		For 6" Rung Spacing, Add	*1.01*	
		For 4" Rung Spacing, Add	*1.85*	
		For 18" Rung Spacing, Deduct	*-0.17*	
		For Solid Bottom, Add	*2.89*	
		For Vented Trough Bottom, Add	*3.42*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.85	4.61
		For 9" Rung Spacing, Add	*0.24*	
		For 6" Rung Spacing, Add	*1.04*	
		For 4" Rung Spacing, Add	*1.91*	
		For 18" Rung Spacing, Deduct	*-0.17*	
		For Solid Bottom, Add	*3.12*	
		For Vented Trough Bottom, Add	*3.64*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	16.68	6.11
		For 9" Rung Spacing, Add	*0.26*	
		For 6" Rung Spacing, Add	*1.12*	
		For 4" Rung Spacing, Add	*2.05*	
		For 18" Rung Spacing, Deduct	*-0.19*	
		For Solid Bottom, Add	*3.62*	
		For Vented Trough Bottom, Add	*4.13*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	19.49	7.73
		For 9" Rung Spacing, Add	*0.28*	
		For 6" Rung Spacing, Add	*1.19*	
		For 4" Rung Spacing, Add	*2.19*	
		For 18" Rung Spacing, Deduct	*-0.20*	
		For Solid Bottom, Add	*4.12*	
		For Vented Trough Bottom, Add	*4.62*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	21.31	8.42
		For 9" Rung Spacing, Add	*0.30*	
		For 6" Rung Spacing, Add	*1.29*	
		For 4" Rung Spacing, Add	*2.37*	
		For 18" Rung Spacing, Deduct	*-0.22*	
		For Solid Bottom, Add	*4.49*	
		For Vented Trough Bottom, Add	*5.03*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	23.17	9.23
		For 9" Rung Spacing, Add	*0.33*	
		For 6" Rung Spacing, Add	*1.40*	
		For 4" Rung Spacing, Add	*2.57*	
		For 18" Rung Spacing, Deduct	*-0.23*	
		For Solid Bottom, Add	*4.88*	
		For Vented Trough Bottom, Add	*5.46*	
26 05 36 00-2525		**90 Degree Horizontal Elbows** *(26 05 36 00-2516)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	60.99	23.06
		For 9" Rung Spacing, Add	*0.92*	
		For 6" Rung Spacing, Add	*3.96*	
		For 4" Rung Spacing, Add	*7.26*	
		For 18" Rung Spacing, Deduct	*-0.66*	
		For Solid Bottom, Add	*13.11*	
		For Vented Trough Bottom, Add	*14.88*	
		For 60 Degree Bend, Deduct	*-12.17*	
		For 45 Degree Bend, Deduct	*-16.80*	
		For 30 Degree Bend, Deduct	*-21.43*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	68.27	26.87
		For 9" Rung Spacing, Add	*0.98*	
		For 6" Rung Spacing, Add	*4.19*	
		For 4" Rung Spacing, Add	*7.68*	
		For 18" Rung Spacing, Deduct	*-0.70*	
		For Solid Bottom, Add	*14.43*	
		For Vented Trough Bottom, Add	*16.21*	
		For 60 Degree Bend, Deduct	*-13.25*	
		For 45 Degree Bend, Deduct	*-18.33*	
		For 30 Degree Bend, Deduct	*-23.42*	
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	80.17	33.80
		For 9" Rung Spacing, Add	*1.03*	
		For 6" Rung Spacing, Add	*4.41*	
		For 4" Rung Spacing, Add	*8.09*	
		For 18" Rung Spacing, Deduct	*-0.74*	
		For Solid Bottom, Add	*16.44*	
		For Vented Trough Bottom, Add	*18.11*	
		For 60 Degree Bend, Deduct	*-14.78*	
		For 45 Degree Bend, Deduct	*-20.56*	
		For 30 Degree Bend, Deduct	*-26.33*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	94.92	40.82
		For 9" Rung Spacing, Add	*1.18*	
		For 6" Rung Spacing, Add	*5.07*	
		For 4" Rung Spacing, Add	*9.29*	
		For 18" Rung Spacing, Deduct	*-0.84*	
		For Solid Bottom, Add	*19.31*	
		For Vented Trough Bottom, Add	*21.16*	
		For 60 Degree Bend, Deduct	*-17.26*	
		For 45 Degree Bend, Deduct	*-24.04*	
		For 30 Degree Bend, Deduct	*-30.81*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	107.50	46.94
		For 9" Rung Spacing, Add	*1.30*	
		For 6" Rung Spacing, Add	*5.57*	
		For 4" Rung Spacing, Add	*10.22*	
		For 18" Rung Spacing, Deduct	*-0.93*	
		For Solid Bottom, Add	*21.70*	
		For Vented Trough Bottom, Add	*23.65*	
		For 60 Degree Bend, Deduct	*-19.29*	
		For 45 Degree Bend, Deduct	*-26.90*	
		For 30 Degree Bend, Deduct	*-34.50*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	117.67	50.06
		For 9" Rung Spacing, Add	*1.49*	
		For 6" Rung Spacing, Add	*6.41*	
		For 4" Rung Spacing, Add	*11.74*	
		For 18" Rung Spacing, Deduct	*-1.07*	
		For Solid Bottom, Add	*24.06*	
		For Vented Trough Bottom, Add	*26.45*	
		For 60 Degree Bend, Deduct	*-21.59*	
		For 45 Degree Bend, Deduct	*-30.03*	
		For 30 Degree Bend, Deduct	*-38.48*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	129.78	53.87
		For 9" Rung Spacing, Add	*1.72*	
		For 6" Rung Spacing, Add	*7.36*	
		For 4" Rung Spacing, Add	*13.49*	
		For 18" Rung Spacing, Deduct	*-1.23*	
		For Solid Bottom, Add	*26.82*	
		For Vented Trough Bottom, Add	*29.71*	
		For 60 Degree Bend, Deduct	*-24.26*	
		For 45 Degree Bend, Deduct	*-33.69*	
		For 30 Degree Bend, Deduct	*-43.12*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	88.56	23.06
		For 9" Rung Spacing, Add	*1.89*	
		For 6" Rung Spacing, Add	*8.09*	
		For 4" Rung Spacing, Add	*14.84*	
		For 18" Rung Spacing, Deduct	*-1.35*	
		For Solid Bottom, Add	*21.38*	
		For Vented Trough Bottom, Add	*25.91*	
		For 60 Degree Bend, Deduct	*-21.27*	
		For 45 Degree Bend, Deduct	*-28.93*	
		For 30 Degree Bend, Deduct	*-36.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	95.09	26.87
		For 9" Rung Spacing, Add	*1.92*	
		For 6" Rung Spacing, Add	*8.21*	
		For 4" Rung Spacing, Add	*15.05*	
		For 18" Rung Spacing, Deduct	*-1.37*	
		For Solid Bottom, Add	*22.47*	
		For Vented Trough Bottom, Add	*26.94*	
		For 60 Degree Bend, Deduct	*-22.10*	
		For 45 Degree Bend, Deduct	*-30.14*	
		For 30 Degree Bend, Deduct	*-38.17*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	106.23	33.80
		For 9" Rung Spacing, Add	*1.94*	
		For 6" Rung Spacing, Add	*8.32*	
		For 4" Rung Spacing, Add	*15.26*	
		For 18" Rung Spacing, Deduct	*-1.39*	
		For Solid Bottom, Add	*24.26*	
		For Vented Trough Bottom, Add	*28.54*	
		For 60 Degree Bend, Deduct	*-23.38*	
		For 45 Degree Bend, Deduct	*-32.02*	
		For 30 Degree Bend, Deduct	*-40.66*	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	118.29	40.82
		For 9" Rung Spacing, Add	*2.00*	
		For 6" Rung Spacing, Add	*8.57*	
		For 4" Rung Spacing, Add	*15.72*	
		For 18" Rung Spacing, Deduct	*-1.43*	
		For Solid Bottom, Add	*26.32*	
		For Vented Trough Bottom, Add	*30.51*	
		For 60 Degree Bend, Deduct	*-24.98*	
		For 45 Degree Bend, Deduct	*-34.32*	
		For 30 Degree Bend, Deduct	*-43.66*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	129.02	46.94
		For 9" Rung Spacing, Add	*2.05*	
		For 6" Rung Spacing, Add	*8.80*	
		For 4" Rung Spacing, Add	*16.13*	
		For 18" Rung Spacing, Deduct	*-1.47*	
		For Solid Bottom, Add	*28.15*	
		For Vented Trough Bottom, Add	*32.26*	
		For 60 Degree Bend, Deduct	*-26.40*	
		For 45 Degree Bend, Deduct	*-36.37*	
		For 30 Degree Bend, Deduct	*-46.34*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	135.15	50.06
		For 9" Rung Spacing, Add	*2.11*	
		For 6" Rung Spacing, Add	*9.03*	
		For 4" Rung Spacing, Add	*16.55*	
		For 18" Rung Spacing, Deduct	*-1.50*	
		For Solid Bottom, Add	*29.30*	
		For Vented Trough Bottom, Add	*33.44*	
		For 60 Degree Bend, Deduct	*-27.36*	
		For 45 Degree Bend, Deduct	*-37.72*	
		For 30 Degree Bend, Deduct	*-48.09*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	147.22	53.87
		For 9" Rung Spacing, Add	*2.33*	
		For 6" Rung Spacing, Add	*9.97*	
		For 4" Rung Spacing, Add	*18.28*	
		For 18" Rung Spacing, Deduct	*-1.66*	
		For Solid Bottom, Add	*32.06*	
		For Vented Trough Bottom, Add	*36.68*	
		For 60 Degree Bend, Deduct	*-30.01*	
		For 45 Degree Bend, Deduct	*-41.36*	
		For 30 Degree Bend, Deduct	*-52.71*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	133.07	57.66
		For 9" Rung Spacing, Add	*1.63*	
		For 6" Rung Spacing, Add	*6.99*	
		For 4" Rung Spacing, Add	*12.81*	
		For 18" Rung Spacing, Deduct	*-1.16*	
		For Solid Bottom, Add	*26.95*	
		For Vented Trough Bottom, Add	*29.44*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	149.92	67.71
		For 9" Rung Spacing, Add	*1.69*	
		For 6" Rung Spacing, Add	*7.26*	
		For 4" Rung Spacing, Add	*13.31*	
		For 18" Rung Spacing, Deduct	*-1.21*	
		For Solid Bottom, Add	*29.75*	
		For Vented Trough Bottom, Add	*32.05*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	171.37	80.74
		For 9" Rung Spacing, Add	*1.76*	
		For 6" Rung Spacing, Add	*7.54*	
		For 4" Rung Spacing, Add	*13.82*	
		For 18" Rung Spacing, Deduct	*-1.26*	
		For Solid Bottom, Add	*33.24*	
		For Vented Trough Bottom, Add	*35.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	191.41	90.77
		For 9" Rung Spacing, Add	*1.94*	
		For 6" Rung Spacing, Add	*8.30*	
		For 4" Rung Spacing, Add	*15.21*	
		For 18" Rung Spacing, Deduct	*-1.38*	
		For Solid Bottom, Add	*37.01*	
		For Vented Trough Bottom, Add	*39.14*	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	201.21	94.58
		For 9" Rung Spacing, Add	*2.08*	
		For 6" Rung Spacing, Add	*8.90*	
		For 4" Rung Spacing, Add	*16.32*	
		For 18" Rung Spacing, Deduct	*-1.48*	
		For Solid Bottom, Add	*39.08*	
		For Vented Trough Bottom, Add	*41.47*	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	215.50	100.00
		For 9" Rung Spacing, Add	*2.29*	
		For 6" Rung Spacing, Add	*9.83*	
		For 4" Rung Spacing, Add	*18.03*	
		For 18" Rung Spacing, Deduct	*-1.64*	
		For Solid Bottom, Add	*42.16*	
		For Vented Trough Bottom, Add	*44.97*	
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	233.91	107.73
		For 9" Rung Spacing, Add	*2.54*	
		For 6" Rung Spacing, Add	*10.86*	
		For 4" Rung Spacing, Add	*19.92*	
		For 18" Rung Spacing, Deduct	*-1.81*	
		For Solid Bottom, Add	*45.95*	
		For Vented Trough Bottom, Add	*49.16*	

26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	209.62	100.00
		For 9" Rung Spacing, Add	*2.09*	
		For 6" Rung Spacing, Add	*8.95*	
		For 4" Rung Spacing, Add	*16.41*	
		For 18" Rung Spacing, Deduct	*-1.49*	
		For Solid Bottom, Add	*40.40*	
		For Vented Trough Bottom, Add	*42.61*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	222.92	107.73
		For 9" Rung Spacing, Add	*2.15*	
		For 6" Rung Spacing, Add	*9.22*	
		For 4" Rung Spacing, Add	*16.90*	
		For 18" Rung Spacing, Deduct	*-1.54*	
		For Solid Bottom, Add	*42.66*	
		For Vented Trough Bottom, Add	*44.76*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	236.22	115.45
		For 9" Rung Spacing, Add	*2.21*	
		For 6" Rung Spacing, Add	*9.48*	
		For 4" Rung Spacing, Add	*17.38*	
		For 18" Rung Spacing, Deduct	*-1.58*	
		For Solid Bottom, Add	*44.91*	
		For Vented Trough Bottom, Add	*46.91*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	252.79	123.07
		For 9" Rung Spacing, Add	*2.39*	
		For 6" Rung Spacing, Add	*10.24*	
		For 4" Rung Spacing, Add	*18.77*	
		For 18" Rung Spacing, Deduct	*-1.71*	
		For Solid Bottom, Add	*48.16*	
		For Vented Trough Bottom, Add	*50.37*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	268.20	130.79
		For 9" Rung Spacing, Add	*2.52*	
		For 6" Rung Spacing, Add	*10.82*	
		For 4" Rung Spacing, Add	*19.83*	
		For 18" Rung Spacing, Deduct	*-1.80*	
		For Solid Bottom, Add	*51.05*	
		For Vented Trough Bottom, Add	*53.36*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	286.11	138.52
		For 9" Rung Spacing, Add	*2.75*	
		For 6" Rung Spacing, Add	*11.78*	
		For 4" Rung Spacing, Add	*21.59*	
		For 18" Rung Spacing, Deduct	*-1.96*	
		For Solid Bottom, Add	*54.69*	
		For Vented Trough Bottom, Add	*57.35*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	309.34	148.43
		For 9" Rung Spacing, Add	*3.04*	
		For 6" Rung Spacing, Add	*13.01*	
		For 4" Rung Spacing, Add	*23.85*	
		For 18" Rung Spacing, Deduct	*-2.17*	
		For Solid Bottom, Add	*59.41*	
		For Vented Trough Bottom, Add	*62.52*	

26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	128.36	57.66
		For 9" Rung Spacing, Add	*1.47*	
		For 6" Rung Spacing, Add	*6.28*	
		For 4" Rung Spacing, Add	*11.51*	
		For 18" Rung Spacing, Deduct	*-1.05*	
		For Solid Bottom, Add	*25.53*	
		For Vented Trough Bottom, Add	*27.56*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	135.82	61.59
		For 9" Rung Spacing, Add	*1.52*	
		For 6" Rung Spacing, Add	*6.53*	
		For 4" Rung Spacing, Add	*11.98*	
		For 18" Rung Spacing, Deduct	*-1.09*	
		For Solid Bottom, Add	*26.91*	
		For Vented Trough Bottom, Add	*28.95*	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	166.33	80.74
		For 9" Rung Spacing, Add	*1.58*	
		For 6" Rung Spacing, Add	*6.78*	
		For 4" Rung Spacing, Add	*12.44*	
		For 18" Rung Spacing, Deduct	*-1.13*	
		For Solid Bottom, Add	*31.73*	
		For Vented Trough Bottom, Add	*33.23*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	185.87	90.77
		For 9" Rung Spacing, Add	*1.74*	
		For 6" Rung Spacing, Add	*7.46*	
		For 4" Rung Spacing, Add	*13.68*	
		For 18" Rung Spacing, Deduct	*-1.24*	
		For Solid Bottom, Add	*35.34*	
		For Vented Trough Bottom, Add	*36.92*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	195.16	94.58
		For 9" Rung Spacing, Add	*1.87*	
		For 6" Rung Spacing, Add	*7.99*	
		For 4" Rung Spacing, Add	*14.65*	
		For 18" Rung Spacing, Deduct	*-1.33*	
		For Solid Bottom, Add	*37.27*	
		For Vented Trough Bottom, Add	*39.05*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	208.95	100.00
		For 9" Rung Spacing, Add	*2.07*	
		For 6" Rung Spacing, Add	*8.85*	
		For 4" Rung Spacing, Add	*16.23*	
		For 18" Rung Spacing, Deduct	*-1.48*	
		For Solid Bottom, Add	*40.19*	
		For Vented Trough Bottom, Add	*42.35*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	226.67	107.73
		For 9" Rung Spacing, Add	*2.28*	
		For 6" Rung Spacing, Add	*9.78*	
		For 4" Rung Spacing, Add	*17.93*	
		For 18" Rung Spacing, Deduct	*-1.63*	
		For Solid Bottom, Add	*43.78*	
		For Vented Trough Bottom, Add	*46.26*	
26 05 36 00-2565		Straight Reducers *(26 05 36 00-2516)*		
26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	58.30	23.06
		For 9" Rung Spacing, Add	*0.83*	
		For 6" Rung Spacing, Add	*3.56*	
		For 4" Rung Spacing, Add	*6.52*	
		For 18" Rung Spacing, Deduct	*-0.59*	
		For Solid Bottom, Add	*12.30*	
		For Vented Trough Bottom, Add	*13.81*	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray	64.41	26.87
		For 9" Rung Spacing, Add	*0.84*	
		For 6" Rung Spacing, Add	*3.61*	
		For 4" Rung Spacing, Add	*6.61*	
		For 18" Rung Spacing, Deduct	*-0.60*	
		For Solid Bottom, Add	*13.27*	
		For Vented Trough Bottom, Add	*14.67*	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray	70.52	30.79
		For 9" Rung Spacing, Add	*0.85*	
		For 6" Rung Spacing, Add	*3.66*	
		For 4" Rung Spacing, Add	*6.70*	
		For 18" Rung Spacing, Deduct	*-0.61*	
		For Solid Bottom, Add	*14.24*	
		For Vented Trough Bottom, Add	*15.52*	
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	75.97	33.80
		For 9" Rung Spacing, Add	*0.88*	
		For 6" Rung Spacing, Add	*3.78*	
		For 4" Rung Spacing, Add	*6.94*	
		For 18" Rung Spacing, Deduct	*-0.63*	
		For Solid Bottom, Add	*15.18*	
		For Vented Trough Bottom, Add	*16.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	84.78	36.91
		For 9" Rung Spacing, Add	*1.03*	
		For 6" Rung Spacing, Add	*4.41*	
		For 4" Rung Spacing, Add	*8.09*	
		For 18" Rung Spacing, Deduct	*-0.74*	
		For Solid Bottom, Add	*17.13*	
		For Vented Trough Bottom, Add	*18.69*	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	95.30	40.82
		For 9" Rung Spacing, Add	*1.20*	
		For 6" Rung Spacing, Add	*5.13*	
		For 4" Rung Spacing, Add	*9.40*	
		For 18" Rung Spacing, Deduct	*-0.85*	
		For Solid Bottom, Add	*19.42*	
		For Vented Trough Bottom, Add	*21.31*	
26 05 36 00-2572		**Vertical Tees** *(26 05 36 00-2516)*		
26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	175.43	57.66
		For 9" Rung Spacing, Add	*3.11*	
		For 6" Rung Spacing, Add	*13.34*	
		For 4" Rung Spacing, Add	*24.46*	
		For 18" Rung Spacing, Deduct	*-2.22*	
		For Solid Bottom, Add	*39.65*	
		For Vented Trough Bottom, Add	*46.38*	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	182.29	61.59
		For 9" Rung Spacing, Add	*3.15*	
		For 6" Rung Spacing, Add	*13.50*	
		For 4" Rung Spacing, Add	*24.76*	
		For 18" Rung Spacing, Deduct	*-2.25*	
		For Solid Bottom, Add	*40.85*	
		For Vented Trough Bottom, Add	*47.54*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	212.21	80.74
		For 9" Rung Spacing, Add	*3.19*	
		For 6" Rung Spacing, Add	*13.67*	
		For 4" Rung Spacing, Add	*25.06*	
		For 18" Rung Spacing, Deduct	*-2.28*	
		For Solid Bottom, Add	*45.50*	
		For Vented Trough Bottom, Add	*51.58*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	229.75	90.77
		For 9" Rung Spacing, Add	*3.28*	
		For 6" Rung Spacing, Add	*14.05*	
		For 4" Rung Spacing, Add	*25.75*	
		For 18" Rung Spacing, Deduct	*-2.34*	
		For Solid Bottom, Add	*48.51*	
		For Vented Trough Bottom, Add	*54.47*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	237.86	94.58
		For 9" Rung Spacing, Add	*3.36*	
		For 6" Rung Spacing, Add	*14.40*	
		For 4" Rung Spacing, Add	*26.40*	
		For 18" Rung Spacing, Deduct	*-2.40*	
		For Solid Bottom, Add	*50.08*	
		For Vented Trough Bottom, Add	*56.13*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	248.11	100.00
		For 9" Rung Spacing, Add	*3.44*	
		For 6" Rung Spacing, Add	*14.73*	
		For 4" Rung Spacing, Add	*27.00*	
		For 18" Rung Spacing, Deduct	*-2.45*	
		For Solid Bottom, Add	*51.94*	
		For Vented Trough Bottom, Add	*58.01*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	269.94	107.73
		For 9" Rung Spacing, Add	*3.80*	
		For 6" Rung Spacing, Add	*16.27*	
		For 4" Rung Spacing, Add	*29.83*	
		For 18" Rung Spacing, Deduct	*-2.71*	
		For Solid Bottom, Add	*56.76*	
		For Vented Trough Bottom, Add	*63.57*	
26 05 36 00-2580		**Flextray™ Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2581		**Flextray™ Cable Tray Straight Sections** *(26 05 36 00-2580)*		
		Note: Includes splicing and splice bars.		
26 05 36 00-2582	LF	2" Deep x 2" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	29.21	7.27
26 05 36 00-2583	LF	2" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	37.98	7.75
26 05 36 00-2584	LF	2" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	39.95	8.10
26 05 36 00-2585	LF	2" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	41.99	8.51
26 05 36 00-2586	LF	2" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	45.15	8.93
26 05 36 00-2587	LF	2" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	48.73	9.34
26 05 36 00-2588	LF	2" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	49.65	9.75
26 05 36 00-2589	LF	2" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	51.65	10.03
26 05 36 00-2590	LF	2" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	52.69	10.31
26 05 36 00-2591	LF	4" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	39.23	8.54
26 05 36 00-2592	LF	4" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	43.05	8.88
26 05 36 00-2593	LF	4" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	46.97	9.34
26 05 36 00-2594	LF	4" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	49.98	9.80

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2595	LF	4" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	53.35	10.26
26 05 36 00-2596	LF	4" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	57.98	10.72
26 05 36 00-2597	LF	4" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	61.67	11.08
26 05 36 00-2598	LF	4" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	64.30	11.31
26 05 36 00-2599	LF	4" Deep x 30" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	83.98	12.11
26 05 36 00-2600	LF	6" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	52.34	10.26
26 05 36 00-2601	LF	6" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	60.32	10.72
26 05 36 00-2602	LF	6" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	63.12	11.19
26 05 36 00-2603	LF	6" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	68.38	11.77
26 05 36 00-2604	LF	6" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	70.64	12.00
26 05 36 00-2605	LF	6" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	88.70	12.34

26 05 36 00-2606 Flextray™ Cable Tray Bends *(26 05 36 00-2580)*

Note: Includes field fabricated bend and 90 degree kit.

26 05 36 00-2607	EA	2" Deep x 2" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	21.93	5.42
26 05 36 00-2608	EA	2" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	28.50	5.76
26 05 36 00-2609	EA	2" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	39.95	8.07
26 05 36 00-2610	EA	2" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	63.05	12.80
26 05 36 00-2611	EA	2" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	90.32	17.88
26 05 36 00-2612	EA	2" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	121.86	23.41
26 05 36 00-2613	EA	2" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	137.28	29.30
26 05 36 00-2614	EA	2" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	163.34	35.18
26 05 36 00-2615	EA	2" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	210.78	41.30
26 05 36 00-2616	EA	4" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	29.37	6.34
26 05 36 00-2617	EA	4" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	43.08	8.88
26 05 36 00-2618	EA	4" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	70.43	14.07
26 05 36 00-2619	EA	4" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	99.98	19.61
26 05 36 00-2620	EA	4" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	133.32	25.72
26 05 36 00-2621	EA	4" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	159.90	32.17
26 05 36 00-2622	EA	4" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	194.17	38.64
26 05 36 00-2623	EA	4" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	257.22	45.33
26 05 36 00-2624	EA	4" Deep x 30" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	420.01	60.55
26 05 36 00-2625	EA	6" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	78.45	15.34
26 05 36 00-2626	EA	6" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	120.70	21.45
26 05 36 00-2627	EA	6" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	157.80	28.03
26 05 36 00-2628	EA	6" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	188.09	35.18
26 05 36 00-2629	EA	6" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	221.96	42.10
26 05 36 00-2630	EA	6" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	354.76	49.47

26 05 36 00-2631 Flextray™ Cable Tray Brackets *(26 05 36 00-2580)*

26 05 36 00-2632	EA	6" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	53.19	15.23
26 05 36 00-2633	EA	8" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	57.78	15.23
26 05 36 00-2634	EA	12" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	65.60	15.23
26 05 36 00-2635	EA	16" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	82.17	16.61
26 05 36 00-2636	EA	18" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	89.01	16.61
26 05 36 00-2637	EA	20" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	91.30	16.61
26 05 36 00-2638	EA	24" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	93.33	16.61

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	93.04	20.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	116.70	23.76
26 05 39 00-0006		**Large Capacity Ducts, 8.9 Square Inches** *(26 05 39 00-0002)*		
26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	153.04	25.72
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	175.04	28.49
26 05 39 00-0009		**Junction Boxes** *(26 05 39 00-0001)*		
26 05 39 00-0010		**One Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	233.58	40.36
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	263.81	43.25
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	417.25	40.36
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	287.77	43.25
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	453.88	56.86
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	632.43	61.82
26 05 39 00-0017		**Two Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	950.51	40.82
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,092.74	43.25
26 05 39 00-0020		**Elbow Fittings** *(26 05 39 00-0001)*		
26 05 39 00-0021		**90 Degree Horizontal Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	112.89	14.87
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	116.18	14.87
26 05 39 00-0024		**90 Degree Vertical Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	64.97	14.87
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	66.29	14.87
26 05 39 00-0027		**Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	64.97	17.30
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	66.29	17.30
26 05 39 00-0030		**Couplings** *(26 05 39 00-0001)*		
26 05 39 00-0031		**Sleeve Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	43.59	23.06
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	68.38	23.06
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	93.93	23.06
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	95.57	24.34
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	85.26	3.46
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	100.29	48.44
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	112.08	48.44
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	123.96	48.44
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	112.08	54.21
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	136.11	54.21
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	123.96	57.66
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	123.96	57.66
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	136.11	57.66
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	89.92	42.68
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	105.69	42.68
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	122.51	42.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	26.73	3.46
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	27.33	3.46
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	33.57	5.76
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	35.74	5.76
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	34.76	5.76
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	35.98	5.76
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	221.58	48.44
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	411.39	48.44
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	2.93	1.15
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	92.30	6.33

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape.

26 05 43 00-0001		**Precast Concrete Trenches, One Piece Pedestrian Trench** *(26 05 43)*		
		Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0002		**10" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	82.49	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	78.87	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	114.58	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	109.55	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	55.66	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	65.85	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	55.00	
26 05 43 00-0010		**20" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	104.52	
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	98.11	
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	141.54	
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	135.70	
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	69.57	
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	101.38	
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	68.78	
26 05 43 00-0018		**30" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	133.33	
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	156.81	
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	166.85	
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	160.20	
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	99.78	
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	135.49	
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	85.88	
26 05 43 00-0026		**40" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	159.65	
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	153.60	
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	195.37	
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	187.97	
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	127.72	
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	173.24	
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	101.47	
26 05 43 00-0034		**Precast Concrete Trenches, One Piece Medium Vehicle Trench** *(26 05 43)*		
		Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0035		**10" Wide Medium Vehicle Trench** *(26 05 43 00-0034)*		
26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	100.28	
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	95.58	
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	139.26	
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	132.77	
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	65.54	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	76.22	
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	66.86	
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	298.60	

26 05 43 00-0044 20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	126.24	
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	117.97	
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	170.18	
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	162.63	
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	81.01	
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	118.21	
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	83.60	
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	396.01	

26 05 43 00-0053 30" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	126.74	
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	152.23	
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	199.44	
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	190.84	
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	115.57	
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	158.85	
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	104.66	
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	494.38	

26 05 43 00-0062 40" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	189.27	
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	181.45	
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	231.70	
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	222.12	
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	147.94	
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	203.07	
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	123.19	
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	672.18	

26 05 43 00-0071 Precast Concrete Trenches, One Piece H20 Road Crossing Trench *(26 05 43)*

Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0072 10" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	217.57	
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	207.03	
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	271.74	
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	258.44	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	208.89	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	198.85	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	263.05	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	250.30	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	143.71	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	194.53	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	129.94	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	180.45	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	100.31	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	324.05	

26 05 43 00-0087 20" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	230.50	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	219.68	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	304.84	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	290.37	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	230.50	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	219.68	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	296.15	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	282.23	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	205.31	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	279.35	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	185.24	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	259.28	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	111.82	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	480.78	

26 05 43 00-0102 30" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	271.94	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	259.58	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	336.26	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	320.89	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench		263.26	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench		251.40	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench		327.57	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench		312.45	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench		273.71	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench		362.52	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench		247.35	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench		336.17	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench		141.56	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench		602.89	

26 05 43 00-0117 40" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench		300.03	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench		286.73	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench		369.39	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench		352.71	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench		291.34	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench		278.59	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench		360.70	
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench		344.53	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench		339.63	
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench		449.57	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench		307.28	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench		417.22	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench		170.96	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench		819.84	

26 05 43 00-0132 Duct Bank *(26 05 43)*

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

26 05 43 00-0133 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank		39.11	
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank		78.25	
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank		81.35	
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank		163.19	
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank		119.91	
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank		240.88	
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank		361.55	
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank		229.69	
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank		458.30	
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank		703.13	
26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank		325.93	
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank		654.34	
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank		975.14	

26 05 43 00-0147 Polyvinyl Chloride (PVC), Type EB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0148	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		7.33	
26 05 43 00-0149	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		16.14	
26 05 43 00-0150	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		30.95	
26 05 43 00-0151	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		9.70	
26 05 43 00-0152	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		19.37	
26 05 43 00-0153	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		39.36	
26 05 43 00-0154	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		12.93	
26 05 43 00-0155	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		25.87	
26 05 43 00-0156	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		51.78	
26 05 43 00-0157	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		77.64	
26 05 43 00-0158	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		16.26	
26 05 43 00-0159	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		32.52	
26 05 43 00-0160	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		62.90	
26 05 43 00-0161	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		89.06	
26 05 43 00-0162	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		29.04	
26 05 43 00-0163	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		43.98	
26 05 43 00-0164	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		88.17	
26 05 43 00-0165	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank		142.79	

26 05 43 00-0166 Polyvinyl Chloride (PVC), Type DB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank		8.14	
26 05 43 00-0168	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank		17.83	
26 05 43 00-0169	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank		34.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0170	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	10.06	
26 05 43 00-0171	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.09	
26 05 43 00-0172	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	40.07	
26 05 43 00-0173	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	13.21	
26 05 43 00-0174	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	26.44	
26 05 43 00-0175	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	52.91	
26 05 43 00-0176	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	79.35	
26 05 43 00-0177	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	16.69	
26 05 43 00-0178	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	33.37	
26 05 43 00-0179	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	64.61	
26 05 43 00-0180	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	91.63	
26 05 43 00-0181	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	29.64	
26 05 43 00-0182	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	45.21	
26 05 43 00-0183	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	90.63	
26 05 43 00-0184	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	146.49	

26 05 43 00-0185 Male Or Female Adapters *(26 05 43 00-0132)*

26 05 43 00-0186	EA	2" Adapter	41.55	
26 05 43 00-0187	EA	3" Adapter	62.35	
26 05 43 00-0188	EA	4" Adapter	81.43	
26 05 43 00-0189	EA	5" Adapter	132.23	
26 05 43 00-0190	EA	6" Adapter	161.82	

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	943.25	310.59
		For Class 1 Pole, Add	*112.69*	
		For Class 2 Pole, Add	*64.39*	
		For Class 4 Pole, Deduct	*-32.20*	
		For Class 5 Pole, Deduct	*-96.59*	
		For Class 6 Pole, Deduct	*-128.79*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	1,126.37	344.59
		For Class 1 Pole, Add	*153.00*	
		For Class 2 Pole, Add	*87.43*	
		For Class 4 Pole, Deduct	*-43.71*	
		For Class 5 Pole, Deduct	*-131.14*	
		For Class 6 Pole, Deduct	*-174.86*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,461.09	455.75
		For Class 1 Pole, Add	*192.40*	
		For Class 2 Pole, Add	*109.94*	
		For Class 4 Pole, Deduct	*-54.97*	
		For Class 5 Pole, Deduct	*-164.91*	
		For Class 6 Pole, Deduct	*-219.88*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,670.02	501.28
		For Class 1 Pole, Add	*233.63*	
		For Class 2 Pole, Add	*133.50*	
		For Class 4 Pole, Deduct	*-66.75*	
		For Class 5 Pole, Deduct	*-200.25*	
		For Class 6 Pole, Deduct	*-267.00*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,907.26	558.32
		For Class 1 Pole, Add	*276.68*	
		For Class 2 Pole, Add	*158.10*	
		For Class 4 Pole, Deduct	*-79.05*	
		For Class 5 Pole, Deduct	*-237.16*	
		For Class 6 Pole, Deduct	*-316.21*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	2,169.33	626.60
		For Class 1 Pole, Add	*320.66*	
		For Class 2 Pole, Add	*183.23*	
		For Class 4 Pole, Deduct	*-91.62*	
		For Class 5 Pole, Deduct	*-274.85*	
		For Class 6 Pole, Deduct	*-366.47*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	2,425.53	689.19
		For Class 1 Pole, Add	*366.47*	
		For Class 2 Pole, Add	*209.41*	
		For Class 4 Pole, Deduct	*-104.71*	
		For Class 5 Pole, Deduct	*-314.12*	
		For Class 6 Pole, Deduct	*-418.82*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,709.49	757.87
		For Class 1 Pole, Add	*417.77*	
		For Class 2 Pole, Add	*238.73*	
		For Class 4 Pole, Deduct	*-119.36*	
		For Class 5 Pole, Deduct	*-358.09*	
		For Class 6 Pole, Deduct	*-477.46*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	4,402.46	826.02
		For Class 1 Pole, Add	*962.62*	
		For Class 2 Pole, Add	*550.07*	
		For Class 4 Pole, Deduct	*-275.04*	
		For Class 5 Pole, Deduct	*-825.11*	
		For Class 6 Pole, Deduct	*-1,100.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	4,832.21	878.69
		For Class 1 Pole, Add	*1,076.18*	
		For Class 2 Pole, Add	*614.96*	
		For Class 4 Pole, Deduct	*-307.48*	
		For Class 5 Pole, Deduct	*-922.44*	
		For Class 6 Pole, Deduct	*-1,229.92*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	5,309.49	938.51
		For Class 1 Pole, Add	*1,201.34*	
		For Class 2 Pole, Add	*686.48*	
		For Class 4 Pole, Deduct	*-343.24*	
		For Class 5 Pole, Deduct	*-1,029.72*	
		For Class 6 Pole, Deduct	*-1,372.96*	
26 05 46 00-0014		Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*		
26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	26.47	
26 05 46 00-0016		Crossarms *(26 05 46)*		
		Note: Includes hardware and braces.		
26 05 46 00-0017		Wood Single Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	225.77	92.63
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	273.03	92.63
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	286.69	119.10
26 05 46 00-0021		Wood Double Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	581.84	258.05
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	619.43	258.05
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	644.94	258.05
26 05 46 00-0025		Fiberglass Crossarms *(26 05 46 00-0016)*		
		Note: Includes hardware.		
26 05 46 00-0026		Single Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	233.20	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	297.91	55.58
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	311.14	59.55
26 05 46 00-0030		Two Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	372.70	71.46
26 05 46 00-0032		Fiberglass Crossarm Accessories *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	636.97	91.31
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	755.18	111.16
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	110.77	15.88
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	553.88	79.40
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	438.19	132.33
26 05 46 00-0038		Insulator Support System *(26 05 46 00-0016)*		
26 05 46 00-0039		Epoxy Construction Units, In Place Mounting *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	131.61	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	107.22	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	307.65	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	209.74	
26 05 46 00-0044		Epoxy Construction Units, Grounding Mounting *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	93.32	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	81.69	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	282.12	
26 05 46 00-0048		Guying *(26 05 46)*		
		Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		Down Guy *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	926.04	370.53
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	943.54	370.53
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	979.53	370.53
26 05 46 00-0053	EA	Guy Guard, Plastic	38.96	
26 05 46 00-0054		Head Guy, 50' Spans *(26 05 46 00-0048)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,329.80	569.04
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,329.80	569.04
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,329.80	569.04
26 05 46 00-0058		Guy Strain Insulators Additional Insulators *(26 05 46 00-0048)*		
		Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	562.41	277.90
26 05 46 00-0060		Insulators *(26 05 46)*		
26 05 46 00-0061		Pin Insulator With Pin *(26 05 46 00-0060)*		
26 05 46 00-0062	EA	5 KV Class 55-3, Pin Insulator With Pin	181.22	79.40
26 05 46 00-0063	EA	15 KV Class 55-5, Pin Insulator With Pin	188.50	79.40
26 05 46 00-0064		Suspension Insulator *(26 05 46 00-0060)*		
		Note: Includes clevis and strain clamp.		
26 05 46 00-0065	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	233.27	105.86
26 05 46 00-0066	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	253.05	105.86
26 05 46 00-0067	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	361.22	132.33
26 05 46 00-0068	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	580.83	211.74
26 05 46 00-0069		Spool Insulator With Clevis *(26 05 46 00-0060)*		
26 05 46 00-0070	EA	5 KV Class 53-5, Spool Insulator With Clevis	77.68	33.09
26 05 46 00-0071	EA	15 KV Class, Spool Insulator With Clevis	251.11	119.10
26 05 46 00-0072	EA	25 KV Class, Spool Insulator With Clevis	325.09	119.10
26 05 46 00-0073		Secondary Rack *(26 05 46 00-0060)*		
26 05 46 00-0074	EA	1 Spool Secondary Rack	153.93	66.16
26 05 46 00-0075	EA	2 Spool Secondary Rack	160.33	84.43
26 05 46 00-0076	EA	3 Spool Secondary Rack	239.78	112.48
26 05 46 00-0077	EA	4 Spool Secondary Rack	268.68	112.48
26 05 46 00-0078		Outdoor Load Break Switches *(26 05 46)*		
		Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0079		7.2 KV Outdoor Load Break Switches *(26 05 46 00-0078)*		
26 05 46 00-0080	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	4,327.94	449.93
26 05 46 00-0081	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,428.00	449.93
26 05 46 00-0082	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,547.94	760.92
26 05 46 00-0083	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,821.57	760.92
26 05 46 00-0084		14.4 KV Outdoor Load Break Switches *(26 05 46 00-0078)*		
26 05 46 00-0085	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,273.48	449.93
26 05 46 00-0086	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	9,945.47	449.93
26 05 46 00-0087	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,547.94	760.92
26 05 46 00-0088	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,821.57	760.92
26 05 46 00-0089		23 KV Outdoor Load Break Switches *(26 05 46 00-0078)*		
26 05 46 00-0090	EA	600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,819.32	522.72
26 05 46 00-0091	EA	1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	10,886.25	522.72
26 05 46 00-0092	EA	1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	13,128.80	899.87
26 05 46 00-0093	EA	2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	13,411.39	899.87
26 05 46 00-0094		Square Distribution Poles *(26 05 46)*		
26 05 46 00-0095		Square Steel Tapered Shaft Distribution Poles *(26 05 46 00-0094)*		
26 05 46 00-0096	EA	20', Steel Taped Shaft Distribution Pole	3,583.57	562.41
26 05 46 00-0097	EA	25', Steel Taped Shaft Distribution Pole	4,006.77	595.50
26 05 46 00-0098	EA	30', Steel Taped Shaft Distribution Pole	4,345.38	661.67
26 05 46 00-0099	EA	35', Steel Taped Shaft Distribution Pole	4,809.00	727.83
26 05 46 00-0100	EA	40', Steel Taped Shaft Distribution Pole	6,545.25	794.01
26 05 46 00-0101		Square Prestressed Concrete Distribution Poles *(26 05 46 00-0094)*		
26 05 46 00-0102	EA	30', Prestressed Concrete Square Pole For Distribution	4,695.38	971.75
26 05 46 00-0103	EA	35', Prestressed Concrete Square Pole For Distribution	5,297.56	1,065.79
26 05 46 00-0104	EA	40', Prestressed Concrete Square Pole For Distribution	6,211.27	1,191.19
26 05 46 00-0105	EA	45', Prestressed Concrete Square Pole For Distribution	6,997.41	1,316.57
26 05 46 00-0106	EA	50', Prestressed Concrete Square Pole For Distribution	5,504.68	1,598.69
26 05 46 00-0107	EA	55', Prestressed Concrete Square Pole For Distribution	9,867.68	1,880.82
26 05 46 00-0108	EA	60', Prestressed Concrete Square Pole For Distribution	11,636.18	2,131.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0109	EA	65', Prestressed Concrete Square Pole For Distribution	14,049.55	2,633.15
26 05 46 00-0110	EA	70', Prestressed Concrete Square Pole For Distribution	15,733.46	2,883.92
26 05 46 00-0111		Aluminum Tapered Poles *(26 05 46)*		
26 05 46 00-0112		Aluminum Tapered Round Seamless Shaft Poles *(26 05 46 00-0111)*		
26 05 46 00-0113	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,585.05	496.25
26 05 46 00-0114	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,541.22	529.34
26 05 46 00-0115	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,065.15	595.50
26 05 46 00-0116	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,795.68	661.67
26 05 46 00-0117	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	7,099.08	727.83
26 05 46 00-0118		Steel Service Poles Distribution *(26 05 46)*		
		Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0119		Round Tapered Pole *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	40', Galvanized Steel Tapered Round Pole For Distribution	3,701.65	794.01
26 05 46 00-0121	EA	45', Galvanized Steel Tapered Round Pole For Distribution	4,259.44	860.17
26 05 46 00-0122	EA	50', Galvanized Steel Tapered Round Pole For Distribution	4,544.70	926.34
26 05 46 00-0123	EA	55', Galvanized Steel Tapered Round Pole For Distribution	5,331.64	1,058.67
26 05 46 00-0124	EA	60', Galvanized Steel Tapered Round Pole For Distribution	6,517.06	1,191.00
26 05 46 00-0125	EA	65', Galvanized Steel Tapered Round Pole For Distribution	7,687.34	1,473.31
26 05 46 00-0126	EA	70', Galvanized Steel Tapered Round Pole For Distribution	8,578.41	1,671.42
26 05 46 00-0127	EA	75', Galvanized Steel Tapered Round Pole For Distribution	9,495.51	1,880.82
26 05 46 00-0128	EA	80', Galvanized Steel Tapered Round Pole For Distribution	10,681.41	2,131.59
26 05 46 00-0129	EA	85', Galvanized Steel Tapered Round Pole For Distribution	11,405.44	2,256.98
26 05 46 00-0130	EA	90', Galvanized Steel Tapered Round Pole For Distribution	12,417.80	2,507.76
26 05 46 00-0131	EA	95', Galvanized Steel Tapered Round Pole For Distribution	13,665.74	2,821.23
26 05 46 00-0132	EA	100', Galvanized Steel Tapered Round Pole For Distribution	15,155.46	3,197.38
26 05 46 00-0133		12 Sided Tapered *(26 05 46 00-0118)*		
26 05 46 00-0134	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,966.89	794.01
26 05 46 00-0135	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,573.76	860.17
26 05 46 00-0136	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	7,263.11	926.34
26 05 46 00-0137	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	8,007.14	1,058.67
26 05 46 00-0138	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,502.78	1,191.00
26 05 46 00-0139	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	11,697.58	1,473.31
26 05 46 00-0140	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	13,531.47	1,671.42
26 05 46 00-0141	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	14,604.69	1,880.82
26 05 46 00-0142	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	15,784.18	2,131.59
26 05 46 00-0143	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	16,725.90	2,256.98
26 05 46 00-0144	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,959.65	2,507.76
26 05 46 00-0145	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	20,189.26	2,821.23
26 05 46 00-0146	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	21,721.81	3,197.38
26 05 46 00-0147	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	23,348.16	3,573.55
26 05 46 00-0148		Standard Options For Round, 12 Sided and Octagonal Tapered Poles *(26 05 46 00-0118)*		
26 05 46 00-0149	EA	Ladder Clips	20.11	
26 05 46 00-0150	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	150.87	
26 05 46 00-0151	EA	Ground Sleeve-2' At Ground Line	151.75	
26 05 46 00-0152		Arms With Baseplates And Endplates *(26 05 46 00-0118)*		
26 05 46 00-0153	EA	4' Arm With Baseplate And Endplate	773.63	132.33
26 05 46 00-0154	EA	5' Arm With Baseplate And Endplate	842.64	132.33
26 05 46 00-0155	EA	6' Arm With Baseplate And Endplate	1,045.03	198.50
26 05 46 00-0156	EA	7' Arm With Baseplate And Endplate	1,105.39	198.50
26 05 46 00-0157	EA	8' Arm With Baseplate And Endplate	1,305.74	264.67
26 05 46 00-0158	EA	9' Arm With Baseplate And Endplate	1,374.71	264.67
26 05 46 00-0159	EA	10' Arm With Baseplate And Endplate	1,826.27	330.83
26 05 46 00-0160	EA	11' Arm With Baseplate And Endplate	1,903.70	330.83
26 05 46 00-0161		Standard Vangs Load Bearing At Any Angle *(26 05 46 00-0118)*		
26 05 46 00-0162	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	321.59	132.33
26 05 46 00-0163	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	363.86	132.33
26 05 46 00-0164	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	421.68	132.33
26 05 46 00-0165		Armless Construction Brackets *(26 05 46 00-0118)*		
26 05 46 00-0166		Verticals Insulator And Equipment Bracket *(26 05 46 00-0165)*		
26 05 46 00-0167	EA	7" 1 Position Vertical Insulation And Equipment Bracket	328.48	132.33
26 05 46 00-0168	EA	12" 1 Position Vertical Insulation And Equipment Bracket	355.17	132.33
26 05 46 00-0169	EA	12" 3 Position Vertical Insulation And Equipment Bracket	398.55	132.33
26 05 46 00-0170	EA	18" 1 Position Vertical Insulation And Equipment Bracket	559.16	198.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0171	EA	18" 3 Position Vertical Insulation And Equipment Bracket	584.49	198.50
26 05 46 00-0172		**Horizontal And Multiple Insulator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0173	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	307.69	132.33
26 05 46 00-0174	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	363.79	132.33
26 05 46 00-0175	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	531.99	198.50
26 05 46 00-0176	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	664.38	198.50
26 05 46 00-0177	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	851.97	264.67
26 05 46 00-0178	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	922.24	264.67
26 05 46 00-0179		**Pole Top Bracket And Pins** *(26 05 46 00-0165)*		
26 05 46 00-0180	EA	Pole Top Pin - 5"	315.83	132.33
26 05 46 00-0181	EA	Pole Top Bracket - 5"	329.45	132.33
26 05 46 00-0182		**Angle Pins** *(26 05 46 00-0165)*		
26 05 46 00-0183	EA	Angle Pin - 25 Degree, 6"	313.99	132.33
26 05 46 00-0184	EA	Angle Pin - 25 Degree, 7 1/4"	358.23	132.33
26 05 46 00-0185		**Static And Neutral Wire Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0186	EA	Neutral Wire Extension Bracket	332.15	132.33
26 05 46 00-0187	EA	Static Wire Support Bracket	336.99	132.33
26 05 46 00-0188		**Cutout, Arrestor And Terminator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0189	EA	Cutout And Arrestor, With Mounting Bracket	294.60	132.33
26 05 46 00-0190	EA	Equipment Mounting T Bracket	314.19	132.33
26 05 46 00-0191	EA	15 KV Cutout	403.84	
26 05 46 00-0192	EA	9/10 KV Arrestor	376.29	132.33
26 05 46 00-0193		**Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0165)*		
26 05 46 00-0194	EA	Parallel Cable Spacer	366.88	132.33
26 05 46 00-0195	EA	Conduit Standoff Support Bracket	351.44	132.33
26 05 46 00-0196	EA	Three Transformer Pole Mounted Cluster Bracket	886.91	132.33
26 05 46 00-0197		**15 KV, 200 Amperes, Solenoid Operated High Voltage Switch** *(26 05 46 00-0165)* Note: Includes pole mounting bracket.		
26 05 46 00-0198	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	1,875.69	330.83
26 05 46 00-0199		**Octagonal Tapered** *(26 05 46 00-0118)*		
26 05 46 00-0200	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	6,135.25	794.01
26 05 46 00-0201	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	6,760.50	860.17
26 05 46 00-0202	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	7,471.28	926.34
26 05 46 00-0203	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	8,233.67	1,124.84
26 05 46 00-0204	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	10,815.03	1,191.00
26 05 46 00-0205	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	12,034.32	1,473.31
26 05 46 00-0206	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	13,923.31	1,567.35
26 05 46 00-0207	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	15,022.55	1,880.82
26 05 46 00-0208	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	16,226.52	2,006.21
26 05 46 00-0209	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	17,194.27	2,256.98
26 05 46 00-0210	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	19,493.84	2,382.36
26 05 46 00-0211	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	20,751.00	2,821.23
26 05 46 00-0212	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	22,311.09	3,009.30
26 05 46 00-0213	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	23,968.06	3,385.47
26 05 46 00-0214		**Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0118)*		
26 05 46 00-0215	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	46.31	
26 05 46 00-0216		**Special Steel Bases For Poles** *(26 05 46 00-0118)*		
26 05 46 00-0217	EA	Spin-In Steel Base For Poles	272.47	
26 05 46 00-0218	EA	Series 3, 25' Pole And less	302.03	66.16
26 05 46 00-0219	EA	Series 4, 40' Pole And less	359.59	76.09
26 05 46 00-0220	EA	Series 5, 50' Pole And less	410.54	82.71
26 05 46 00-0221		**Primary Fuse Cutouts** *(26 05 46)* Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 05 46 00-0222		**Non-Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0221)* Note: Includes the fuse and cut-out switch.		
26 05 46 00-0223		**8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0222)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0224	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	654.13	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0225	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	786.46	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.50*	
26 05 46 00-0226	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	918.35	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.07*	
26 05 46 00-0227	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	930.45	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.21*	
26 05 46 00-0228	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	930.45	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.21*	
26 05 46 00-0229		**17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0222)*		
26 05 46 00-0230	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	654.13	264.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0231		**17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0222)*		
26 05 46 00-0232	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	669.87	264.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0233		**Fuseholders** *(26 05 46 00-0222)*		
		Note: Including current limiting fuse.		
26 05 46 00-0234	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	587.80	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0235	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	720.13	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.50*	
26 05 46 00-0236	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	852.02	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.07*	
26 05 46 00-0237	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	593.25	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0238	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	725.58	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.50*	
26 05 46 00-0239	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	587.80	264.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0240		**Accessories** *(26 05 46 00-0222)*		
26 05 46 00-0241	EA	Hot Line Clamp	82.40	29.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	
26 05 46 00-0242	EA	Stirrup	87.40	29.78
26 05 46 00-0243		**Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0221)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 05 46 00-0244		**8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0243)*		
26 05 46 00-0245	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	776.68	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0246	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	909.01	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.50*	
26 05 46 00-0247	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,040.90	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.07*	
26 05 46 00-0248	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,064.42	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.21*	
26 05 46 00-0249	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,064.42	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.21*	
26 05 46 00-0250		**17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0243)*		
26 05 46 00-0251	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	776.68	264.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0252		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0243)*		
26 05 46 00-0253	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	776.68	264.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0254		**Fuseholders** *(26 05 46 00-0243)*		
		Note: Includes current limiting fuses.		
26 05 46 00-0255	EA	15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	593.42	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	
26 05 46 00-0256	EA	25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	725.75	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.50*	
26 05 46 00-0257	EA	40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	857.64	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.07*	
26 05 46 00-0258	EA	15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	593.42	330.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0259		**Pole Mounted Capacitors** *(26 05 46 00-0243)*		
26 05 46 00-0260	EA	Capacitors - Pole Mounted 6 KVAR	1,232.04	266.78
26 05 46 00-0261		**Pole Structure Assemblies** *(26 05 46 00-0221)*		
26 05 46 00-0262		**5 KV Pole Structure Assemblies** *(26 05 46 00-0261)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0263	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	524.10	251.44
26 05 46 00-0264	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	877.90	423.46
26 05 46 00-0265	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	885.56	330.83
26 05 46 00-0266	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	487.72	172.04
26 05 46 00-0267	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	636.76	238.20
26 05 46 00-0268	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,161.10	476.41
26 05 46 00-0269	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	896.52	357.30
26 05 46 00-0270	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,694.40	714.60
26 05 46 00-0271	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,916.89	807.24
26 05 46 00-0272	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,017.88	397.00
26 05 46 00-0273	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	927.37	423.46
26 05 46 00-0274	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,793.02	860.17
26 05 46 00-0275	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,261.95	516.10
26 05 46 00-0276	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	822.88	370.53
26 05 46 00-0277	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,598.35	754.30
26 05 46 00-0278	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,152.86	383.77
26 05 46 00-0279		**15 KV Pole Structure Assemblies** *(26 05 46 00-0261)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0280	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	539.84	251.44
26 05 46 00-0281	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	900.39	423.46
26 05 46 00-0282	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	962.01	330.83
26 05 46 00-0283	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	514.70	172.04
26 05 46 00-0284	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	674.99	224.97
26 05 46 00-0285	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,237.55	476.41
26 05 46 00-0286	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	952.74	357.30
26 05 46 00-0287	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,809.08	714.60
26 05 46 00-0288	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,072.04	807.24
26 05 46 00-0289	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,094.33	397.00
26 05 46 00-0290	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	956.60	423.46
26 05 46 00-0291	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,822.25	860.17
26 05 46 00-0292	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,320.41	516.10
26 05 46 00-0293	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	852.11	357.30
26 05 46 00-0294	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,627.58	754.30
26 05 46 00-0295	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,211.32	463.16
26 05 46 00-0296		**25 KV Pole Structure Assemblies** *(26 05 46 00-0261)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0297	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,361.90	397.00
26 05 46 00-0298	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	800.67	198.50
26 05 46 00-0299	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,168.03	304.37
26 05 46 00-0300	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,706.56	621.97
26 05 46 00-0301	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,524.24	463.16
26 05 46 00-0302	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,598.52	913.10
26 05 46 00-0303	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,595.79	1,032.20
26 05 46 00-0304	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,742.53	602.11
26 05 46 00-0305	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,548.72	602.11
26 05 46 00-0306		**50 KV Pole Structure Assemblies** *(26 05 46 00-0261)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0307	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,830.39	542.57
26 05 46 00-0308	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	979.44	277.90
26 05 46 00-0309	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,316.19	436.70
26 05 46 00-0310	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,515.45	886.64
26 05 46 00-0311	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,916.94	661.67
26 05 46 00-0312	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,723.71	1,323.33
26 05 46 00-0313	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,330.33	1,468.91
26 05 46 00-0314	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,180.08	714.60
26 05 46 00-0315	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,281.50	827.08
26 05 46 00-0316	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,184.19	780.76
26 05 46 00-0317		**Overhead To Underground Conversion Structures** *(26 05 46 00-0221)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 05 46 00-0318		**5 KV Structures** *(26 05 46 00-0317)*		
		Note: Excludes pole.		
26 05 46 00-0319	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,921.39	2,646.67
26 05 46 00-0320	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,921.39	2,646.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0321	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,921.39	2,646.67
26 05 46 00-0322	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,921.39	2,646.67
26 05 46 00-0323		**15 KV Structures** *(26 05 46 00-0317)*		
		Note: Excludes pole.		
26 05 46 00-0324	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,027.19	2,646.67
26 05 46 00-0325	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,027.19	2,646.67
26 05 46 00-0326	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,027.19	2,646.67
26 05 46 00-0327	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,027.19	2,646.67
26 05 46 00-0328		**25 KV Structures** *(26 05 46 00-0317)*		
		Note: Excludes pole.		
26 05 46 00-0329	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,142.61	2,646.67
26 05 46 00-0330	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,142.61	2,646.67
26 05 46 00-0331	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,142.61	2,646.67
26 05 46 00-0332	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,142.61	2,646.67
26 05 46 00-0333		**Transformer Stations** *(26 05 46 00-0221)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0334		**5 KV Station** *(26 05 46 00-0333)*		
26 05 46 00-0335	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	6,716.81	3,528.02
26 05 46 00-0336	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	7,541.98	3,970.01
26 05 46 00-0337	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	8,367.16	4,410.68
26 05 46 00-0338	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	8,367.16	4,410.68
26 05 46 00-0339	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	6,716.81	3,528.02
26 05 46 00-0340		**15 KV Stations** *(26 05 46 00-0333)*		
26 05 46 00-0341	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	6,822.61	3,527.02
26 05 46 00-0342	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	7,647.78	3,970.01
26 05 46 00-0343	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	8,472.95	4,410.68
26 05 46 00-0344	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	8,472.95	4,410.68
26 05 46 00-0345	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	6,822.61	3,528.02
26 05 46 00-0346		**25 KV Stations** *(26 05 46 00-0333)*		
26 05 46 00-0347	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	6,938.03	3,528.02
26 05 46 00-0348	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	7,763.19	3,970.01
26 05 46 00-0349	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	8,588.37	4,410.68
26 05 46 00-0350	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	8,588.37	4,410.68
26 05 46 00-0351	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	6,938.03	3,528.02

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)*		
		Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	12.54	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	13.11	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	14.28	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	14.51	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	14.74	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	15.09	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	17.46	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	17.91	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	18.26	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	18.62	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	19.34	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	20.11	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	20.79	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	21.48	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	23.43	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	24.69	
26 05 53 00-0018		**Labeling Electrical Wires** *(26 05 53)*		
		Note: Self-adhesive vinly coated white cloth		
26 05 53 00-0019	EA	Labeling Wire	3.60	
26 05 53 00-0020		**Equipment Labeling** *(26 05 53)*		
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	22.70	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	18.16	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	27.24	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	22.70	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 Wiring Connections *(26 05)*				
26 05 83 00-0001		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	15.63	5.19
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	17.15	5.76
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	18.59	6.34
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	21.56	6.92
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	23.19	7.50
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	25.74	8.07
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	27.59	8.65
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	30.07	9.23
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	33.28	10.38
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	34.89	10.96
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	38.90	11.54
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	42.39	12.11
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	47.41	13.26
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	55.05	14.99
26 05 83 00-0016		**One Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	20.03	14.99
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	20.19	14.99
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.85	16.15
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	28.43	17.88
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	39.85	23.06
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	46.56	23.06
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	53.58	23.06
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	65.89	34.60
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	77.14	34.60
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	90.23	34.60
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	108.76	46.14
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	128.96	69.20
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	147.54	69.20
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	158.54	69.20
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	172.76	80.74
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	188.92	80.74
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	205.25	92.27
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	241.81	103.80
26 05 83 00-0035		**Two Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	40.98	19.61
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	44.05	20.88
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	46.38	20.88
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	53.38	23.99
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	65.67	29.99
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	76.92	35.64
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	89.98	41.76
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	108.47	50.64
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	128.62	60.09
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	147.15	68.63
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	158.14	73.93
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	172.28	80.05
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	188.38	87.42
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	205.99	94.81
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	255.40	115.34
26 05 83 00-0051		**Tape Wrapped Split Bolt Connectors** *(26 05 83)*		
26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	60.95	46.14
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	67.03	49.60
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	76.44	51.90
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	88.86	57.66
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	105.05	63.44
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	118.21	69.20
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	147.91	74.97
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	158.71	80.74
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	167.33	86.50
26 05 83 00-0061	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	191.54	95.15
26 05 83 00-0062	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	215.74	138.40
26 05 83 00-0063	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	236.55	115.34
26 05 83 00-0064	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	257.33	155.70
26 05 83 00-0065	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	286.65	161.48
26 05 83 00-0066	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	325.81	173.00
26 05 83 00-0067		**Cable Termination Lugs Handwrapped, No Stress Cone** *(26 05 83)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0068	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	102.33	46.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.22*	
26 05 83 00-0069	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	113.68	46.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.46*	
26 05 83 00-0070	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	157.24	69.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.45*	
26 05 83 00-0071	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	178.26	69.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.36*	
26 05 83 00-0072	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	213.52	86.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.43*	
26 05 83 00-0073	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	298.81	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.09*	

26 05 83 00-0074 Terminal Blocks *(26 05 83)*

Note: Labor excludes wire termination.

26 05 83 00-0075	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	1,030.87	426.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*256.31*	
26 05 83 00-0076	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	275.71	57.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.00*	
26 05 83 00-0077	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	305.39	57.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.37*	

26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0079	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	40.97	20.88
26 05 83 00-0080	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	44.06	20.88
26 05 83 00-0081	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	46.38	20.88
26 05 83 00-0082	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	53.38	23.99
26 05 83 00-0083	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	65.67	29.99
26 05 83 00-0084	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	76.92	35.64
26 05 83 00-0085	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	89.98	41.76
26 05 83 00-0086	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	108.47	50.64
26 05 83 00-0087	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	128.62	60.09
26 05 83 00-0088	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	147.15	68.63
26 05 83 00-0089	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	158.14	73.93
26 05 83 00-0090	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	172.28	80.05
26 05 83 00-0091	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	188.38	87.42
26 05 83 00-0092	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	188.87	87.42
26 05 83 00-0093	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	40.97	20.88
26 05 83 00-0094	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	44.06	20.88
26 05 83 00-0095	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	46.38	20.88
26 05 83 00-0096	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	53.38	23.99
26 05 83 00-0097	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.67	29.99
26 05 83 00-0098	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	76.92	35.64
26 05 83 00-0099	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	89.98	41.76
26 05 83 00-0100	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	108.47	50.64
26 05 83 00-0101	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	128.62	60.09
26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	147.15	68.63
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	158.14	73.93
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	172.28	80.05
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	188.38	87.42
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	188.87	87.42

26 05 83 00-0107 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	32.04	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	38.48	17.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.45*	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	44.50	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	57.98	25.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.45*	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	78.07	34.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	92.68	40.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.12*	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	108.05	46.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	122.71	51.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.04*	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	139.95	57.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	156.90	63.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.08*	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	173.77	69.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	190.53	74.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.95*	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	207.57	80.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	235.42	91.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.19*	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	266.42	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	

26 05 83 00-0123 Gel Connectors *(26 05 83)*

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	62.74	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	60.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.16*	

26 05 83 00-0126 Other Connections *(26 05 83)*

26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.54	5.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.64	5.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.74	5.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	

26 05 83 00-0130 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0131 AC Single Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	78.32	28.84
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.63	28.84
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.00	34.60
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	108.82	43.25
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.21	43.25
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.49	43.25
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	115.06	43.25
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.46	57.66
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	149.59	57.66
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	189.93	72.09

26 05 83 00-0142 AC Three Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.63	28.84
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.00	34.60
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	108.82	43.25
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.21	43.25
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.49	43.25
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	115.06	43.25
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.46	57.66
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	149.59	57.66
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	189.93	72.09
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	196.86	72.09
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	253.00	86.50
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	263.55	86.50
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	362.40	115.34
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	454.72	144.17
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	532.65	173.00
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	638.28	201.84
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	735.05	230.68
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	910.15	288.34
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,072.21	343.13
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,276.23	400.22
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,787.64	600.21

26 05 83 00-0164 AC Three Phase, 460 Volt *(26 05 83 00-0130)*

26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.63	28.84
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.00	34.60
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	108.82	43.25
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.21	43.25
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.49	43.25
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	115.06	43.25
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.46	57.66
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	149.59	57.66
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	189.93	72.09
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	196.86	72.09
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	253.01	86.50
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	263.54	86.50
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	362.40	115.34
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	455.07	144.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	532.65	173.00
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	638.28	201.84
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	735.05	230.68
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	910.15	288.34
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,072.54	343.25
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,276.68	400.45
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,788.63	600.68
26 05 83 00-0186		AC Single Phase, 120 Volt *(26 05 83 00-0130)*		
26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	78.33	28.84
26 05 83 00-0188		Motor Moisture Sensor *(26 05 83 00-0130)*		
26 05 83 00-0189	EA	Motor Moisture Sensor Located In Winding	683.28	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*
Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	482.99	92.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.36*	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	597.91	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,122.42	161.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.89*	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,751.06	219.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.49*	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	3,663.87	288.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.01*	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	545.49	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	655.42	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,214.47	184.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,890.66	242.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.33*	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	3,932.26	317.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.31*	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	642.95	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	772.78	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,470.51	207.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.56*	
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,263.96	265.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.17*	
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	5,025.56	346.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.61*	

26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0024	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	800.26	92.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.36*	
26 09 23 00-0025	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,018.56	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0026	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,961.24	161.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.89*	
26 09 23 00-0027	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,942.47	219.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.49*	
26 09 23 00-0028	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	5,697.38	288.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.01*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0029			3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*		
26 09 23 00-0030		EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	829.60	103.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0031		EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,076.07	115.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0032		EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,055.75	184.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	
26 09 23 00-0033		EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,081.26	242.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.33*	
26 09 23 00-0034		EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	5,964.96	317.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.31*	
26 09 23 00-0035			4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*		
26 09 23 00-0036		EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	896.59	115.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0037		EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,193.42	126.87
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0038		EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,638.96	207.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.56*	
26 09 23 00-0039		EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,781.72	265.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.17*	
26 09 23 00-0040		EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,960.22	346.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.61*	
26 09 23 00-0041			Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0042			NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*		
26 09 23 00-0043			2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0044		EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	714.22	92.27
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.36*	
26 09 23 00-0045		EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	812.75	103.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0046		EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,540.60	161.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.89*	
26 09 23 00-0047		EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,147.10	219.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.49*	
26 09 23 00-0048		EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	4,949.57	288.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.01*	
26 09 23 00-0049			3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0050		EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	763.28	103.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0051		EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	871.89	115.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0052		EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,635.11	184.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	
26 09 23 00-0053		EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,287.53	242.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.33*	
26 09 23 00-0054		EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	5,566.45	317.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.31*	
26 09 23 00-0055			4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0056		EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	823.99	115.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0057		EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	929.39	126.87
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0058		EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,913.29	207.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.56*	
26 09 23 00-0059		EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,684.60	265.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.17*	
26 09 23 00-0060		EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,721.25	346.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.61*	
26 09 23 00-0061			NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*		
26 09 23 00-0062			2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0063		EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,071.82	92.27
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.36*	
26 09 23 00-0064		EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,233.39	103.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0065		EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,381.89	161.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.89*	
26 09 23 00-0066		EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,338.51	219.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0067	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	6,981.45	288.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.01*	
26 09 23 00-0068		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0069	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,132.53	103.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 09 23 00-0070	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,292.54	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0071	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,476.40	184.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	
26 09 23 00-0072	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,479.76	242.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.33*	
26 09 23 00-0073	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	7,599.97	317.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.31*	
26 09 23 00-0074		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0075	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,197.73	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0076	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,350.04	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0077	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,081.74	207.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.56*	
26 09 23 00-0078	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,202.36	265.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.17*	
26 09 23 00-0079	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	9,596.05	346.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.61*	
26 09 23 00-0080		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0081		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0082		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		
26 09 23 00-0083		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0082)*		
26 09 23 00-0084	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,379.14	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0085	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,162.36	202.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.80*	
26 09 23 00-0086	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,492.12	266.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.86*	
26 09 23 00-0087	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,376.47	348.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.34*	
26 09 23 00-0088		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		
26 09 23 00-0089		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0088)*		
26 09 23 00-0090	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,499.63	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0091	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,889.21	202.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.80*	
26 09 23 00-0092	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,505.50	266.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.86*	
26 09 23 00-0093	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	10,231.14	348.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.34*	
26 09 23 00-0094		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0095		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0096		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0095)*		
26 09 23 00-0097	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,507.06	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0098	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,605.14	202.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.80*	
26 09 23 00-0099	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,911.53	266.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.86*	
26 09 23 00-0100	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,568.29	348.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.34*	
26 09 23 00-0101		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0102		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0101)*		
26 09 23 00-0103	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,628.77	126.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.12*	
26 09 23 00-0104	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,334.45	202.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.80*	
26 09 23 00-0105	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,926.14	266.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.86*	
26 09 23 00-0106	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	11,422.96	348.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.34*	
26 09 23 00-0107		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0108	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	135.42	29.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 09 23 00-0109	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	147.90	29.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 09 23 00-0110		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		
26 09 23 00-0111	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,625.07	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0112	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,098.64	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0113	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,580.66	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.20*	
26 09 23 00-0114		Dimming Module Contol (Leviton) *(26 09 23)*		
26 09 23 00-0115	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	210.30	14.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 09 23 00-0116		Light Control Panels *(26 09 23)*		
26 09 23 00-0117		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0116)*		
26 09 23 00-0118		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,585.61	161.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.05*	
26 09 23 00-0120	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,493.91	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0121	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	1,673.26	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0122	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	2,475.90	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0123	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	2,686.47	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0124	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	1,758.10	161.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.05*	
26 09 23 00-0125	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	1,886.40	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0126	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,096.76	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0127	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	2,560.05	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0128	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	2,770.61	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0129		Accessories For Lighting Control Panels (Watt Stopper) *(26 09 23 00-0117)*		
26 09 23 00-0130	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	157.75	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0131	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	121.70	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0132	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	67.59	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0133		**Lighting Control Panels (Synergy)** *(26 09 23 00-0116)*		
26 09 23 00-0134		**Lighting Control Panels (Synergy)** *(26 09 23 00-0133)*		
26 09 23 00-0135	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,578.61	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0136		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0133)*		
26 09 23 00-0137	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	632.04	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 09 23 00-0138	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	244.81	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0139	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	139.00	17.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 09 23 00-0140		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0116)*		
26 09 23 00-0141		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0140)*		
26 09 23 00-0142	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,099.32	173.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.98*	
26 09 23 00-0143	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	2,876.71	184.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.91*	
26 09 23 00-0144	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	3,765.64	196.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.85*	
26 09 23 00-0145		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0116)*		
26 09 23 00-0146	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,405.74	161.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.05*	
26 09 23 00-0147	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,602.50	161.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.05*	
26 09 23 00-0148	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,799.28	161.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.05*	
26 09 23 00-0149		**Power Filters** *(26 09 23 00-0116)*		
26 09 23 00-0150	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	39,307.43	961.11
26 09 23 00-0151	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	23,266.86	417.87
26 09 23 00-0152		**Signal Filters** *(26 09 23 00-0116)*		
26 09 23 00-0153	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	17,947.76	873.80
26 09 23 00-0154	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	12,283.48	534.01
26 09 23 00-0155	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	6,850.94	310.03
26 09 23 00-0156	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	9,343.29	310.03
26 09 23 00-0157		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0158	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	14,902.67	115.54
26 09 23 00-0159	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	6,812.84	115.54
26 09 23 00-0160	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	3,545.75	115.54
26 09 23 00-0161	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	14,990.32	115.54
26 09 23 00-0162	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	117.89	14.44
26 09 23 00-0163	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	182.61	14.44
26 09 23 00-0164	EA	Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	229.77	28.89
26 09 23 00-0165	EA	Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	277.36	28.89
26 09 23 00-0166	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	146.76	28.89
26 09 23 00-0167	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	211.48	28.89
26 09 23 00-0168	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	532.77	57.76
26 09 23 00-0169	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	399.79	57.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0170	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	734.07	57.76
26 09 23 00-0171	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	249.51	57.76
26 09 23 00-0172	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	823.12	57.76
26 09 23 00-0173	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	8,639.62	231.07
26 09 23 00-0174	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	6,398.41	57.76
26 09 23 00-0175	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	239.34	14.44
26 09 23 00-0176	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	291.92	14.44
26 09 23 00-0177	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	279.24	14.44
26 09 23 00-0178	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	291.92	14.44
26 09 23 00-0179	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	279.24	14.44
26 09 23 00-0180	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	210.91	14.44
26 09 23 00-0181	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	291.92	14.44
26 09 23 00-0182	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	279.24	14.44
26 09 23 00-0183	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	205.80	14.44
26 09 23 00-0184	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	87.45	14.44
26 09 23 00-0185	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	71.07	28.89
26 09 23 00-0186	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	71.63	28.89
26 09 23 00-0187	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	76.11	28.89
26 09 23 00-0188	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	80.53	28.89
26 09 23 00-0189	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	85.81	28.89
26 09 23 00-0190	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	90.57	28.89
26 09 23 00-0191	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	96.42	28.89
26 09 23 00-0192	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	122.86	28.89
26 09 23 00-0193	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	791.24	28.89
26 09 23 00-0194	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	191.96	28.89
26 09 23 00-0195	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,021.54	28.89
26 09 23 00-0196	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	597.44	57.76
26 09 23 00-0197	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	597.44	57.76
26 09 23 00-0198	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	597.44	57.76
26 09 23 00-0199	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	310.89	57.76
26 09 23 00-0200	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	301.27	57.76
26 09 23 00-0201	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	307.68	57.76
26 09 23 00-0202	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	339.71	57.76
26 09 23 00-0203	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	307.68	57.76
26 09 23 00-0204	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	243.65	57.76
26 09 23 00-0205	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	258.28	57.76
26 09 23 00-0206	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	258.28	57.76
26 09 23 00-0207	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	136.29	57.76
26 09 23 00-0208	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	315.61	57.76
26 09 23 00-0209	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	446.15	57.76
26 09 23 00-0210	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	390.94	57.76
26 09 23 00-0211	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	416.56	57.76
26 09 23 00-0212	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	429.38	57.76
26 09 23 00-0213	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	387.74	57.76
26 09 23 00-0214	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	323.70	57.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0215	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	404.72	57.76
26 09 23 00-0216	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	401.36	57.76
26 09 23 00-0217	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	445.06	57.76
26 09 23 00-0218	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	431.63	57.76
26 09 23 00-0219	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	464.46	57.76
26 09 23 00-0220	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	431.76	57.76
26 09 23 00-0221	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	431.76	57.76
26 09 23 00-0222	EA	10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	284.18	57.76
26 09 23 00-0223	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	304.31	57.76
26 09 23 00-0224	EA	20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	532.32	57.76
26 09 23 00-0225	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	569.27	57.76
26 09 23 00-0226	EA	10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	420.18	57.76
26 09 23 00-0227	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	438.04	57.76
26 09 23 00-0228	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,255.85	115.54
26 09 23 00-0229	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	3,925.43	462.14
26 09 23 00-0230	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	5,726.12	462.14
26 09 23 00-0231	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	7,526.79	462.14
26 09 23 00-0232	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	627.93	57.76
26 09 23 00-0233	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	719.44	57.76
26 09 23 00-0234	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	1,945.50	57.76
26 09 23 00-0235	EA	Wireless Control Module (Encelium EN-WCM-ZB)	265.16	28.89
26 09 23 00-0236	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	313.95	28.89
26 09 23 00-0237	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	315.17	28.89
26 09 23 00-0238	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	326.68	28.89
26 09 23 00-0239	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0240	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0241	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0242	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0243	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0244	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	244.21	14.44
26 09 23 00-0245	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	518.13	57.76
26 09 23 00-0246	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	322.94	57.76
26 09 23 00-0247	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	322.94	57.76
26 09 23 00-0248	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	371.73	57.76
26 09 23 00-0249	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	371.73	57.76
26 09 23 00-0250	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0251	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0252	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0253	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0254	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0255	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	244.21	14.44
26 09 23 00-0256	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	518.13	57.76
26 09 23 00-0257	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	236.29	14.44
26 09 23 00-0258	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	236.29	14.44
26 09 23 00-0259	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	236.29	14.44
26 09 23 00-0260	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	244.21	14.44
26 09 23 00-0261	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	518.13	57.76
26 09 23 00-0262	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	322.94	57.76
26 09 23 00-0263	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	322.94	57.76
26 09 23 00-0264	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	371.73	57.76
26 09 23 00-0265	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	371.73	57.76
26 09 23 00-0266	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0267	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0268	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	236.29	14.44

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0269	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0270	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	236.29	14.44
26 09 23 00-0271	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	244.21	14.44
26 09 23 00-0272	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	518.13	57.76
26 09 23 00-0273	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	143.59	57.76
26 09 23 00-0274	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	678.76	57.76
26 09 23 00-0275		Lighting Control Sensors *(26 09 23)*		
26 09 23 00-0276	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	361.90	25.99
26 09 23 00-0277	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	361.90	25.99
26 09 23 00-0278	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	316.92	25.99
26 09 23 00-0279	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	95.39	17.33
26 09 23 00-0280	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	7.65	
26 09 23 00-0281	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	62.16	
26 09 23 00-0282	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	10.92	
26 09 23 00-0283		Radio Controlled Devices (Lutron) *(26 09 23)*		
26 09 23 00-0284		Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0283)*		
26 09 23 00-0285		Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*		
26 09 23 00-0286	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	477.07	17.33
26 09 23 00-0287	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	620.49	17.33
26 09 23 00-0288	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	781.83	17.33
26 09 23 00-0289		Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*		
26 09 23 00-0290	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	477.07	17.33
26 09 23 00-0291	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	566.71	17.33
26 09 23 00-0292	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	781.83	17.33
26 09 23 00-0293	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	477.07	17.33
26 09 23 00-0294	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	620.49	17.33
26 09 23 00-0295	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	781.83	17.33
26 09 23 00-0296		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*		
26 09 23 00-0297	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	620.49	17.33
26 09 23 00-0298	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	781.83	17.33
26 09 23 00-0299	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	781.83	17.33
26 09 23 00-0300		Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*		
26 09 23 00-0301	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	477.07	17.33
26 09 23 00-0302	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	620.49	17.33
26 09 23 00-0303	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	566.71	17.33
26 09 23 00-0304	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	692.20	17.33
26 09 23 00-0305	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	620.49	17.33
26 09 23 00-0306	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	745.98	17.33
26 09 23 00-0307	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	620.49	17.33
26 09 23 00-0308		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*		
26 09 23 00-0309	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	477.07	17.33
26 09 23 00-0310	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	620.49	17.33
26 09 23 00-0311	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	620.49	17.33
26 09 23 00-0312	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	781.83	17.33
26 09 23 00-0313	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	620.49	17.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0314	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	781.83	17.33
26 09 23 00-0315		**Output Switch Closure Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0316	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	477.07	17.33
26 09 23 00-0317	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	620.49	17.33
26 09 23 00-0318	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	781.83	17.33
26 09 23 00-0319		**Accessories For Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0320	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	100.60	17.33
26 09 23 00-0321		**Wall Box Transmitters For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0322	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	441.22	17.33
26 09 23 00-0323	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	477.07	17.33
26 09 23 00-0324	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	477.07	17.33
26 09 23 00-0325	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	477.07	17.33
26 09 23 00-0326	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	477.07	17.33
26 09 23 00-0327	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	477.07	17.33
26 09 23 00-0328		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0329	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	441.22	17.33
26 09 23 00-0330	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	441.22	17.33
26 09 23 00-0331	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	441.22	17.33
26 09 23 00-0332	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	896.57	17.33
26 09 23 00-0333	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,283.80	17.33
26 09 23 00-0334	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,283.80	17.33
26 09 23 00-0335		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0336	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	566.71	17.33
26 09 23 00-0337	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	638.42	17.33
26 09 23 00-0338	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	745.98	17.33
26 09 23 00-0339		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0340	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	835.62	17.33
26 09 23 00-0341	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,149.34	17.33
26 09 23 00-0342		**RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®)** *(26 09 23)*		
26 09 23 00-0343		**RF Wireless Technology, Switches (Lutron® Maestro Wireless®)** *(26 09 23 00-0342)*		
26 09 23 00-0344	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	128.76	23.10
26 09 23 00-0345	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	151.59	23.10
26 09 23 00-0346	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	236.68	23.10
26 09 23 00-0347	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	90.67	23.10
26 09 23 00-0348	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	110.61	23.10
26 09 23 00-0349	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	99.04	23.10
26 09 23 00-0350	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	119.39	23.10
26 09 23 00-0351		**RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®)** *(26 09 23 00-0342)*		
26 09 23 00-0352	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	123.49	23.10
26 09 23 00-0353	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	134.02	23.10
26 09 23 00-0354	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	160.37	23.10
26 09 23 00-0355	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	171.91	28.89
26 09 23 00-0356	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	212.17	23.10
26 09 23 00-0357	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	70.37	23.10
26 09 23 00-0358	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	84.85	23.10

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0359		EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	75.64	23.10
26 09 23 00-0360		EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	90.12	23.10
26 09 23 00-0361		EA	6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	238.93	40.43
26 09 23 00-0362			Removal And Reinstallation Of Occupancy Sensors *(26 09 23)*		
26 09 23 00-0363		EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	77.98	
26 09 23 00-0364		EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	51.99	
26 09 23 00-0365			Occupancy Sensors (Watt Stopper) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0366			Occupancy Sensors *(26 09 23 00-0365)* Note: Exclude boxes.		
26 09 23 00-0367			Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0366)*		
26 09 23 00-0368			Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0367)*		
26 09 23 00-0369		EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	111.71	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0370		EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	131.33	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0371			Passive Infrared, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0367)*		
26 09 23 00-0372		EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	92.74	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0373		EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	86.79	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0374		EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	97.89	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0375		EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	112.89	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0376		EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	111.66	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0377			Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0367)*		
26 09 23 00-0378		EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	161.21	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0379		EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	173.62	11.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0380			Wall Switch Mounted Occupancy Sensor Accessories *(26 09 23 00-0367)*		
26 09 23 00-0381		EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.95	2.89
26 09 23 00-0382		EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.94	2.89
26 09 23 00-0383		EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.94	2.89
26 09 23 00-0384			Ceiling Mounted Occupancy Sensors *(26 09 23 00-0366)*		
26 09 23 00-0385			Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0384)*		
26 09 23 00-0386			25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0385)*		
26 09 23 00-0387		EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	150.21	25.99
26 09 23 00-0388		EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	171.56	25.99
26 09 23 00-0389		EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	193.06	25.99
26 09 23 00-0390		EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	191.11	25.99
26 09 23 00-0391			32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0385)*		
26 09 23 00-0392		EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	162.84	25.99
26 09 23 00-0393		EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	184.49	25.99
26 09 23 00-0394		EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	204.99	25.99
26 09 23 00-0395		EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	208.46	25.99
26 09 23 00-0396		EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	175.78	25.99
26 09 23 00-0397		EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	197.97	25.99
26 09 23 00-0398		EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	220.07	25.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0399	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	226.43	25.99
26 09 23 00-0400		**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0385)*		
26 09 23 00-0401	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	169.10	25.99
26 09 23 00-0402	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	194.96	25.99
26 09 23 00-0403	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	216.61	25.99
26 09 23 00-0404	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	159.57	25.99
26 09 23 00-0405	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	192.17	25.99
26 09 23 00-0406	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	202.72	25.99
26 09 23 00-0407	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	170.44	25.99
26 09 23 00-0408	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	189.21	25.99
26 09 23 00-0409	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	212.38	25.99
26 09 23 00-0410		**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0384)*		
26 09 23 00-0411	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	125.30	25.99
26 09 23 00-0412	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	127.82	25.99
26 09 23 00-0413	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	133.79	25.99
26 09 23 00-0414	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	149.81	25.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0415	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	151.75	25.99
26 09 23 00-0416	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	160.13	25.99
26 09 23 00-0417	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	173.55	25.99
26 09 23 00-0418		**Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0384)*		
26 09 23 00-0419	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	204.81	25.99
26 09 23 00-0420	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	233.19	25.99
26 09 23 00-0421	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	198.79	25.99
26 09 23 00-0422		**Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0366)*		
26 09 23 00-0423		**Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0422)*		
26 09 23 00-0424	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	250.19	25.99
26 09 23 00-0425	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	250.19	25.99
26 09 23 00-0426		**Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0422)*		
26 09 23 00-0427	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	233.19	25.99
26 09 23 00-0428		**Occupancy Sensor Power Packs** *(26 09 23 00-0365)*		
26 09 23 00-0429		**Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0428)*		
26 09 23 00-0430	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	85.90	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0431	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	78.69	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0432		**Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0428)*		
26 09 23 00-0433	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	72.75	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0434		**Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0428)*		
26 09 23 00-0435	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	94.49	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0436		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0428)*		
26 09 23 00-0437	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	86.23	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	

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26 09 23 00-0438	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	86.29	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0439		Two Relay, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0440	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	107.12	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0441	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	108.55	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0442		Occupancy Sensor Power Supplies *(26 09 23 00-0428)*		
26 09 23 00-0443	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	98.90	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0444	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	212.75	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0445		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0446	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	279.74	23.10
26 09 23 00-0447		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0448	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	93.67	23.10
26 09 23 00-0449		Occupancy Sensor Accessories *(26 09 23 00-0365)*		
26 09 23 00-0450		Protective Cages For Occupancy Sensors *(26 09 23 00-0449)*		
26 09 23 00-0451	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	52.72	8.66
26 09 23 00-0452		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0449)*		
26 09 23 00-0453	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	43.02	14.44
26 09 23 00-0454		Occupancy/Lighting Logger *(26 09 23 00-0449)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0455	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	387.86	49.10
26 09 23 00-0456		Digital Time Light Switches *(26 09 23 00-0365)*		
26 09 23 00-0457	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	83.98	11.56
26 09 23 00-0458		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0459		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0458)* Note: Exclude boxes		
26 09 23 00-0460		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0461		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)*		
26 09 23 00-0462	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	202.37	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
26 09 23 00-0463	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	142.62	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0464	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	136.04	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0465	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	136.04	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0466	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	172.49	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0467	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	172.49	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
26 09 23 00-0468	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	209.85	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	

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26 09 23 00-0469	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	172.49	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
26 09 23 00-0470		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)*		
		Note: Includes passive infrared and microphonics detection		
26 09 23 00-0471	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	262.13	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
26 09 23 00-0472	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	202.37	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0473	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	197.90	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0474	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	197.90	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0475	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	232.25	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 09 23 00-0476	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	232.25	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
26 09 23 00-0477	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	250.18	11.56
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
26 09 23 00-0478		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0460)*		
26 09 23 00-0479	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	17.72	2.89
26 09 23 00-0480	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	17.72	2.89
26 09 23 00-0481	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	35.65	2.89
26 09 23 00-0482	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	35.65	2.89
26 09 23 00-0483		360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0484		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0483)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0485	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0486	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0487	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0488	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	246.20	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0489	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	246.20	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

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26 09 23 00-0490	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	198.40	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0491	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0493	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	258.15	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0494	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0495	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0496	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0497	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	246.20	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
26 09 23 00-0498	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	246.20	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0499	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	198.40	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0500	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0501	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0502	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	258.15	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0503		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0483)*			
		Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection			
26 09 23 00-0504	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
26 09 23 00-0505	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
26 09 23 00-0506	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
26 09 23 00-0507	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)		276.08	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0508	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)		276.08	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0509	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)		228.27	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0510	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)		335.84	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Photocell Option With Dual Zone On/Off, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0511	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)		335.84	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Photocell Option With Dual Zone On/Off, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)		288.03	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Photocell Option With Dual Zone On/Off, Add		*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.60*	
26 09 23 00-0513	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
26 09 23 00-0514	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	
26 09 23 00-0515	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)		291.02	25.99
		For Low Temp/High Humidity Option, Add		*13.58*	
		For Low Voltage Relay Option, Add		*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add		*16.30*	
		For Occupancy Controlled Dimming Option, Add		*27.16*	
		For Photocell Option With Dimming Capability, Add		*40.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0516	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	276.08	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0517	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	276.08	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0518	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	228.27	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Photocell Option With Dimming Capability, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0519	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	335.84	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0520	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	335.84	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0521	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	288.03	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Photocell Option With Dual Zone On/Off, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

26 09 23 00-0522 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*

26 09 23 00-0523 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0522)*

26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
26 09 23 00-0525	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
26 09 23 00-0526	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	320.90	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Ceiling Mount, Add	*27.16*	
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	365.72	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

26 09 23 00-0529 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0522)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0530	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
26 09 23 00-0531	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	335.84	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0532	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	395.60	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.30*	
		For Ceiling Mount, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0533		High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0534		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0533)*		
26 09 23 00-0535	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0536	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0537	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	231.26	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0538	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	198.40	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0539	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	198.40	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0540	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	198.40	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0541	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	258.15	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0542	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	258.15	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0543	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	258.15	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0544	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0545	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0546	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0547	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0548	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0549	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	219.31	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0550	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0551	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0553	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	317.91	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0554	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	317.91	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	317.91	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Photocell Option, Add	*27.16*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	279.07	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	279.07	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0558	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	234.25	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0559	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	234.25	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0560	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	234.25	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0561	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	234.25	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Photocell Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
26 09 23 00-0563	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	261.14	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Low Voltage Relay Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	317.91	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0565	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	317.91	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Start To High, HID Option, Add	*16.30*	
		For Occupancy Controlled Dimming Option, Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0566	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	305.96	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0567	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	276.08	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0568	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	276.08	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

26 09 23 00-0569 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0458)*

26 09 23 00-0570	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	129.88	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0571	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	189.64	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0572	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	100.00	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0573	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	91.04	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0574	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	120.92	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0575	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	195.61	23.10
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0576	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	195.61	23.10
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 09 23 00-0577	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	195.61	23.10
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	

26 09 23 00-0578 Daylighting Control (Sensor Switch) *(26 09 23 00-0458)*

26 09 23 00-0579	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0580	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0581	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0582	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For 480 Volt AC Option, Add	*19.01*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0583	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For 480 Volt AC Option, Add	*19.01*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0584	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For 480 Volt AC Option, Add	*19.01*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0585	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0586	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0587	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0588	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0589	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0590	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	201.38	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0591	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0592	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0593	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
26 09 23 00-0594	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0595	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 09 23 00-0596	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	291.02	25.99
		For Low Temp/High Humidity Option, Add	*13.58*	
		For Dual Zone Option, Add	*40.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	

26 09 23 00-0597 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0598 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0597)*

Note: Excludes boxes.

26 09 23 00-0599 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0598)*

26 09 23 00-0600 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0599)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0601	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	314.89	11.56

26 09 23 00-0602 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0598)*

26 09 23 00-0603 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0602)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0604	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	372.63	25.99
26 09 23 00-0605	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	372.63	25.99
26 09 23 00-0606	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	372.63	25.99

26 09 23 00-0607 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0602)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0608	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	436.76	25.99
26 09 23 00-0609	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	436.76	25.99
26 09 23 00-0610	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	452.77	25.99

26 09 23 00-0611 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0598)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0612		Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0611)*		
		Note: Includes passive infrared and microphonics detection		
26 09 23 00-0613	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	436.76	25.99
26 09 23 00-0614		High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0598)*		
26 09 23 00-0615		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0614)*		
26 09 23 00-0616	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	372.63	25.99
26 09 23 00-0617		Occupancy Sensor Power Packs (Sensor Switch nLight®) *(26 09 23 00-0597)*		
26 09 23 00-0618	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	126.38	23.10
26 09 23 00-0619	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	158.47	23.10
26 09 23 00-0620	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	212.95	23.10
26 09 23 00-0621	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	212.95	23.10
26 09 23 00-0622		Occupancy Sensor Accessories (Sensor Switch nLight®) *(26 09 23 00-0597)*		
26 09 23 00-0623	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	452.77	25.99
26 09 23 00-0624	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	365.98	25.99
26 09 23 00-0625		Daylighting Controls (Sensor Switch nLight®) *(26 09 23 00-0597)*		
26 09 23 00-0626	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	308.51	25.99
26 09 23 00-0627		Controls (Sensor Switch nLight®) *(26 09 23 00-0597)*		
26 09 23 00-0628	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	202.70	25.99
26 09 23 00-0629	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	292.50	25.99
26 09 23 00-0630	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	677.25	25.99
26 09 23 00-0631	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	677.25	25.99
26 09 23 00-0632	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,536.98	25.99
26 09 23 00-0633		Occupancy Sensors (Lutron) *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0634		Wireless Occupancy Sensors *(26 09 23 00-0633)*		
26 09 23 00-0635	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	150.75	25.99
26 09 23 00-0636	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	157.35	25.99
26 09 23 00-0637	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	152.32	25.99
26 09 23 00-0638	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	161.10	25.99
26 09 23 00-0639	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	154.29	25.99
26 09 23 00-0640	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	161.10	25.99
26 09 23 00-0641	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	150.75	25.99
26 09 23 00-0642	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	154.29	25.99
26 09 23 00-0643	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	152.32	25.99
26 09 23 00-0644	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	234.97	25.99
26 09 23 00-0645	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	250.71	25.99
26 09 23 00-0646	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	286.13	25.99
26 09 23 00-0647	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	301.87	25.99
26 09 23 00-0648	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	309.74	25.99
26 09 23 00-0649	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	325.48	25.99
26 09 23 00-0650	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	185.38	25.99
26 09 23 00-0651	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	195.61	25.99
26 09 23 00-0652	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	229.06	25.99
26 09 23 00-0653	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	254.64	25.99
26 09 23 00-0654	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	274.32	25.99
26 09 23 00-0655	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	236.93	25.99
26 09 23 00-0656	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	217.77	25.99

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26 09 23 00-0657	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	182.22	25.99
26 09 23 00-0658	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	224.14	25.99
26 09 23 00-0659	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	272.13	25.99
26 09 23 00-0660	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	288.79	25.99
26 09 23 00-0661	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	288.79	25.99
26 09 23 00-0662	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	288.79	25.99
26 09 23 00-0663	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	304.07	25.99
26 09 23 00-0664	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	493.15	37.55
26 09 23 00-0665		**Nodes And Modules** *(26 09 23 00-0633)*		
26 09 23 00-0666	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	244.80	25.99
26 09 23 00-0667	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	244.80	25.99
26 09 23 00-0668	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	309.74	25.99
26 09 23 00-0669	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	309.74	25.99
26 09 23 00-0670	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	396.18	28.89
26 09 23 00-0671	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	396.18	28.89
26 09 23 00-0672	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	480.80	28.89
26 09 23 00-0673	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	492.60	28.89
26 09 23 00-0674	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	608.70	28.89
26 09 23 00-0675	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	646.08	28.89
26 09 23 00-0676	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	683.47	28.89
26 09 23 00-0677	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,848.60	46.22
26 09 23 00-0678	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,815.88	51.99
26 09 23 00-0679	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,663.71	57.76
26 09 23 00-0680		**Other Accessories** *(26 09 23 00-0633)*		
26 09 23 00-0681	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	38.89	
26 09 23 00-0682	EA	Pico® Wireless Control (Lutron® PJ)	50.33	
26 09 23 00-0683	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	149.28	
26 09 23 00-0684	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	285.05	
26 09 23 00-0685	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	298.39	25.99
26 09 23 00-0686	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	378.14	25.99
26 09 23 00-0687	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	378.14	25.99
26 09 23 00-0688	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	620.50	28.89
26 09 23 00-0689	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	850.72	28.89
26 09 23 00-0690	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,024.01	25.99
26 09 23 00-0691	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,016.16	25.99
26 09 23 00-0692	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,360.51	25.99
26 09 23 00-0693	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,205.02	807.37
26 09 23 00-0694	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	2,992.10	807.37
26 09 23 00-0695		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0696	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	144.45	25.99
26 09 23 00-0697	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	126.35	25.99
26 09 23 00-0698	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	159.41	25.99
26 09 23 00-0699	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	126.35	25.99
26 09 23 00-0700	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	210.85	11.54
26 09 23 00-0701		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0702		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0701)*		
26 09 23 00-0703	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	321.47	
26 09 23 00-0704	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	449.73	
26 09 23 00-0705		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0701)*		
26 09 23 00-0706	EA	Retrofit Receptacle Kit (Roam® DUR103)	55.35	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0707	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	12,957.27	65.76
26 09 23 00-0708		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0709	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	631.01	144.17
26 09 23 00-0710		**Lighting Console And Stations** *(26 09 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0711	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	4,575.63	144.17
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*99.14*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,057.08*	
26 09 23 00-0712	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,160.57	86.50

26 09 23 00-0713 Theatre Lighting Console *(26 09 23)*

26 09 23 00-0714	EA	Theatre Lighting Console (ETC Colorsource 20)	3,284.85	173.00

26 09 23 00-0715 Emergency Lighting Controls *(26 09 23)*

26 09 23 00-0716 Emergency Lighting Control Units (Watt Stopper ELCU) *(26 09 23 00-0715)*

Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.

26 09 23 00-0717	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	194.49	28.89
26 09 23 00-0718	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	194.49	28.89

26 09 23 00-0719 Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0715)*

Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.

26 09 23 00-0720	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	370.54	40.43
26 09 23 00-0721	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	506.09	46.22
26 09 23 00-0722	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)	683.28	51.99
		Note: Controls normal and emergency lighting from single-pole wall switch.		

26 09 23 00-0723 Photocells *(26 09 23)*

26 09 23 00-0724	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	90.16	
26 09 23 00-0725	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	205.10	

26 09 23 00-0726 Outdoor Lighting Motion Sensors *(26 09 23)*

26 09 23 00-0727	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	120.03	28.89
26 09 23 00-0728	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	131.32	28.89
26 09 23 00-0729	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	550.52	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	

26 09 23 00-0730 Street Light Controls *(26 09 23)*

26 09 23 00-0731 Photo Controls *(26 09 23 00-0730)*

26 09 23 00-0732	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	96.00	
26 09 23 00-0733	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	110.40	

26 09 23 00-0734 Connector Node *(26 09 23 00-0730)*

26 09 23 00-0735	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	499.88	3.00

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section *(26 11 13)*

26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)*

Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment

26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	55,939.84	2,003.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,222.68*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	68,628.21	2,533.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,528.35*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	77,704.45	2,533.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,528.35*	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	89,325.15	2,533.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,630.24*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	101,346.64	3,122.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,881.05*	

26 11 13 00-0008 Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,551.49	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.79*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	500.16	152.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.23*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	745.29	152.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.70*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	589.69	152.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.23*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	2,206.05	516.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.76*	

26 11 13 00-0014 "Switchyard", Substation Transformer Section *(26 11 13)*

Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range

26 11 13 00-0015 14.4 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	32,326.54	2,003.43
		For 50 Hz Operation, Add	*3,390.11*	
		For Forced Air Cooling, Add	*3,390.11*	
		For External Control Panel, Add	*847.53*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*282.51*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,412.55*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,531.37*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,237.64*	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	36,988.63	2,510.17
		For 50 Hz Operation, Add	*3,827.30*	
		For Forced Air Cooling, Add	*3,827.30*	
		For External Control Panel, Add	*956.82*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*318.94*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,594.71*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,986.77*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,784.12*	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,874.32	3,535.46
		For 50 Hz Operation, Add	*5,955.46*	
		For Forced Air Cooling, Add	*5,955.46*	
		For External Control Panel, Add	*1,488.86*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*496.29*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,481.44*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,203.60*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,444.32*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	82,376.83	4,263.18
		For 50 Hz Operation, Add	*8,781.81*	
		For Forced Air Cooling, Add	*8,781.81*	
		For External Control Panel, Add	*2,195.45*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*731.82*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,659.09*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,147.72*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,977.26*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	101,499.06	5,517.06
		For 50 Hz Operation, Add	*10,800.62*	
		For Forced Air Cooling, Add	*10,800.62*	
		For External Control Panel, Add	*2,700.16*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*900.05*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,500.26*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,250.65*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,500.78*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	36,171.25	2,710.52
		For 50 Hz Operation, Add	*3,729.21*	
		For External Control Panel, Add	*932.30*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*310.77*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,553.84*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,884.59*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,661.51*	
		For Forced Air Cooling, Add	*2,486.14*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	41,317.62	2,710.52
		For 50 Hz Operation, Add	*4,219.89*	
		For External Control Panel, Add	*1,054.97*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*351.66*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,758.29*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,395.72*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,274.87*	
		For Forced Air Cooling, Add	*2,813.26*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	66,191.72	4,006.85
		For 50 Hz Operation, Add	*6,964.86*	
		For External Control Panel, Add	*1,741.22*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*580.41*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,902.03*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,255.07*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,706.08*	
		For Forced Air Cooling, Add	*4,643.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	88,881.50	5,517.06
		For 50 Hz Operation, Add	*9,286.51*	
		For External Control Panel, Add	*2,321.63*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*773.88*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,869.38*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,673.45*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,608.14*	
		For Forced Air Cooling, Add	*6,191.01*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	109,910.78	5,517.06
		For 50 Hz Operation, Add	*11,810.03*	
		For External Control Panel, Add	*2,952.51*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*984.17*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,920.85*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,302.11*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,762.54*	
		For Forced Air Cooling, Add	*7,873.35*	
26 11 13 00-0027		**34.5 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	45,406.64	3,240.84
		For 50 Hz Operation, Add	*4,710.58*	
		For External Control Panel, Add	*1,177.64*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*392.55*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,962.74*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,906.85*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,888.22*	
		For Forced Air Cooling, Add	*3,140.38*	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	54,843.03	5,067.48
		For 50 Hz Operation, Add	*5,691.94*	
		For External Control Panel, Add	*1,422.99*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*474.33*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,371.64*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,929.11*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,114.93*	
		For Forced Air Cooling, Add	*3,794.63*	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	75,800.50	5,067.48
		For 50 Hz Operation, Add	*7,873.38*	
		For External Control Panel, Add	*1,968.35*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*656.12*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,280.58*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,201.44*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,841.73*	
		For Forced Air Cooling, Add	*5,248.92*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	97,293.16	5,391.68
		For 50 Hz Operation, Add	*10,295.91*	
		For External Control Panel, Add	*2,573.98*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*857.99*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,289.96*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,724.91*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,869.89*	
		For Forced Air Cooling, Add	*6,863.94*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	167,805.20	6,896.33
		For 50 Hz Operation, Add	*18,371.16*	
		For External Control Panel, Add	*4,592.79*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,530.93*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,654.65*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,136.63*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,963.95*	
		For Forced Air Cooling, Add	*12,247.44*	
26 11 13 00-0033		**46 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	69,508.87	3,771.15
		For 50 Hz Operation, Add	*7,451.84*	
		For External Control Panel, Add	*1,862.96*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*620.99*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,104.94*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,762.34*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,314.81*	
		For Forced Air Cooling, Add	*4,967.90*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	78,553.45	3,771.15
		For 50 Hz Operation, Add	*8,448.27*	
		For External Control Panel, Add	*2,112.07*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*704.02*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,520.11*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,800.28*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,560.34*	
		For Forced Air Cooling, Add	*5,632.18*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	108,749.18	5,067.48
		For 50 Hz Operation, Add	*11,827.22*	
		For External Control Panel, Add	*2,956.81*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*985.60*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,928.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,320.02*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,784.03*	
		For Forced Air Cooling, Add	*7,884.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	133,143.80	6,896.33
		For 50 Hz Operation, Add	*14,211.80*	
		For External Control Panel, Add	*3,552.95*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,184.32*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,921.58*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*14,803.95*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*17,764.74*	
		For Forced Air Cooling, Add	*9,474.53*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	188,886.58	6,896.33
		For 50 Hz Operation, Add	*20,900.93*	
		For External Control Panel, Add	*5,225.23*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,741.74*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*8,708.72*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*21,771.80*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*26,126.16*	
		For Forced Air Cooling, Add	*13,933.95*	

26 11 13 00-0039 69 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	99,905.44	4,006.85
		For 50 Hz Operation, Add	*11,010.51*	
		For External Control Panel, Add	*2,752.63*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*917.54*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,587.71*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,469.28*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,763.14*	
		For Forced Air Cooling, Add	*7,340.34*	
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	114,794.87	5,067.48
		For 50 Hz Operation, Add	*12,552.71*	
		For External Control Panel, Add	*3,138.18*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,046.06*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,230.29*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,075.74*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*15,690.88*	
		For Forced Air Cooling, Add	*8,368.47*	
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	157,531.74	5,067.48
		For 50 Hz Operation, Add	*17,681.13*	
		For External Control Panel, Add	*4,420.28*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,473.43*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,367.14*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*18,417.84*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,101.41*	
		For Forced Air Cooling, Add	*11,787.42*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	167,193.55	6,896.33
		For 50 Hz Operation, Add	*18,297.77*	
		For External Control Panel, Add	*4,574.44*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,524.81*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,624.07*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,060.17*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,872.21*	
		For Forced Air Cooling, Add	*12,198.51*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	218,668.16	6,896.33
		For 50 Hz Operation, Add	*24,474.72*	
		For External Control Panel, Add	*6,118.68*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,039.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*10,197.80*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*25,494.50*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*30,593.40*	
		For Forced Air Cooling, Add	*16,316.48*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	59,774.39	1,009.31
26 11 13 00-0047	EA	1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	65,610.78	1,009.31
26 11 13 00-0048	EA	1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	74,718.73	1,253.73
26 11 13 00-0049	EA	2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	69,930.40	1,507.54
26 11 13 00-0050	EA	2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	78,747.50	1,507.54
26 11 13 00-0051	EA	2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	89,844.93	1,751.43
26 11 13 00-0052	EA	3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	92,656.52	2,001.02
26 11 13 00-0053	EA	3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	103,634.31	2,001.02
26 11 13 00-0054	EA	3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	108,650.36	2,247.16

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 11-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	34,131.09	1,482.14
26 11 16 11-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	39,342.99	1,482.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0005		**Automatic Transferring Fused Load Break Switches** *(26 11 16 11-0001)* Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 11-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	48,232.32	1,482.14
26 11 16 11-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	51,624.25	1,482.14
26 11 16 11-0008		**Accessories For Substation Fused Load Break Switches** *(26 11 16 11-0001)*		
26 11 16 11-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	7,035.27	
26 11 16 11-0010	EA	Key Interlock Accessories, Secondary Distribution Section	684.79	
26 11 16 11-0011		**Oil Filled Substation Transformers** *(26 11 16 11)* Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 11-0012		**Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ** *(26 11 16 11-0011)*		
26 11 16 11-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	13,399.32	883.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*814.21*	
		For Control Power Transformer On Fans And Auxiliary, Add	*348.95*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*116.32*	
26 11 16 11-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	19,494.60	1,060.64
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,216.13*	
		For Control Power Transformer On Fans And Auxiliary, Add	*521.20*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*173.73*	
26 11 16 11-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	22,047.61	1,178.49
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,378.34*	
		For Control Power Transformer On Fans And Auxiliary, Add	*590.72*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*196.91*	
26 11 16 11-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	26,149.42	1,473.11
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,624.22*	
		For Control Power Transformer On Fans And Auxiliary, Add	*696.10*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*232.03*	
26 11 16 11-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	29,296.58	1,826.65
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,795.03*	
		For Control Power Transformer On Fans And Auxiliary, Add	*769.30*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*256.43*	
26 11 16 11-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	31,547.86	2,239.13
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,894.87*	
		For Control Power Transformer On Fans And Auxiliary, Add	*812.09*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*270.70*	
26 11 16 11-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	36,993.24	2,710.52
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,210.05*	
		For Control Power Transformer On Fans And Auxiliary, Add	*947.17*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*315.72*	
26 11 16 11-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	39,461.05	2,946.21
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,349.80*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,007.06*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*335.69*	
26 11 16 11-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	44,056.05	3,240.84
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,630.21*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,127.23*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*375.74*	
26 11 16 11-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	50,834.23	3,594.38
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,055.18*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,309.36*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*436.45*	
26 11 16 11-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	55,798.27	3,918.46
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,357.29*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,438.84*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*479.61*	
26 11 16 11-0024		**Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ** *(26 11 16 11-0011)*		
26 11 16 11-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	12,819.03	883.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*773.59*	
		For Control Power Transformer On Fans And Auxiliary, Add	*331.54*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*110.51*	
26 11 16 11-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	18,952.89	883.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,202.96*	
		For Control Power Transformer On Fans And Auxiliary, Add	*515.56*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*171.85*	
26 11 16 11-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	22,034.77	1,178.49
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,377.45*	
		For Control Power Transformer On Fans And Auxiliary, Add	*590.33*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*196.78*	
26 11 16 11-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	26,171.51	1,473.11
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,625.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*696.76*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*232.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	31,551.43	1,826.65
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,952.87*	
		For Control Power Transformer On Fans And Auxiliary, Add	*836.94*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*278.98*	
26 11 16 11-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	34,355.56	2,239.13
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,091.41*	
		For Control Power Transformer On Fans And Auxiliary, Add	*896.32*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*298.77*	
26 11 16 11-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	38,289.73	2,710.52
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,300.81*	
		For Control Power Transformer On Fans And Auxiliary, Add	*986.06*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*328.69*	
26 11 16 11-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	41,694.36	2,946.21
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,506.14*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,074.06*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*358.02*	
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	46,944.07	3,240.84
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,832.37*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,213.87*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*404.62*	
26 11 16 11-0034		**Accessories For Oil Filled Substation Transformers** *(26 11 16 11-0011)*		
26 11 16 11-0035	EA	Sudden Pressure Relay	3,525.49	
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	6,999.30	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	4,608.77	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	25,576.35	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	23,929.22	
26 11 16 11-0040		**Reinforced Concrete Curb With 6" Slab** *(26 11 16 11-0011)*		
		Note: For transformer liquid containment area.		
26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,103.39	1,152.40
26 11 16 11-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,814.64	1,328.74
26 11 16 11-0049		**Dry Type Substation Transformer** *(26 11 16 11)*		
		Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 11-0050		**Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt** *(26 11 16 11-0049)*		
		Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 11-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	22,881.56	942.79
		For Gas Filled Transformers, Add	*12,597.59*	
		For Single Phase Transformers, Deduct	*-524.90*	
		For Dry Type Unit, Add	*4,807.67*	
26 11 16 11-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	22,999.41	1,001.71
		For Gas Filled Transformers, Add	*12,597.59*	
		For Single Phase Transformers, Deduct	*-524.90*	
		For Dry Type Unit, Add	*4,819.46*	
26 11 16 11-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	23,626.43	1,178.49
		For Gas Filled Transformers, Add	*12,761.68*	
		For Single Phase Transformers, Deduct	*-531.74*	
		For Dry Type Unit, Add	*4,914.98*	
26 11 16 11-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	26,073.70	1,296.33
		For Gas Filled Transformers, Add	*14,088.62*	
		For Single Phase Transformers, Deduct	*-587.03*	
		For Dry Type Unit, Add	*5,425.09*	
26 11 16 11-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	29,017.25	1,532.03
		For Gas Filled Transformers, Add	*15,571.91*	
		For Single Phase Transformers, Deduct	*-648.83*	
		For Dry Type Unit, Add	*6,016.11*	
26 11 16 11-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,612.46	1,767.72
		For Gas Filled Transformers, Add	*18,046.20*	
		For Single Phase Transformers, Deduct	*-751.93*	
		For Dry Type Unit, Add	*6,970.49*	
26 11 16 11-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	39,082.94	2,121.27
		For Gas Filled Transformers, Add	*20,904.24*	
		For Single Phase Transformers, Deduct	*-871.01*	
		For Dry Type Unit, Add	*8,089.14*	
26 11 16 11-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	46,070.64	2,356.97
		For Gas Filled Transformers, Add	*24,814.01*	
		For Single Phase Transformers, Deduct	*-1,033.92*	
		For Dry Type Unit, Add	*9,569.87*	
26 11 16 11-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	59,216.16	2,474.82
		For Gas Filled Transformers, Add	*32,559.91*	
		For Single Phase Transformers, Deduct	*-1,356.66*	
		For Dry Type Unit, Add	*12,433.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0060		**Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt** *(26 11 16 11-0049)* Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 11-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	22,136.47	942.79
		For Gas Filled Transformers, Add	*12,150.53*	
		For Single Phase Transformers, Deduct	*-506.27*	
		For Dry Type Unit, Add	*4,643.75*	
26 11 16 11-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	22,999.41	1,001.71
		For Gas Filled Transformers, Add	*12,597.59*	
		For Single Phase Transformers, Deduct	*-524.90*	
		For Dry Type Unit, Add	*4,819.46*	
26 11 16 11-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	23,626.43	1,178.49
		For Gas Filled Transformers, Add	*12,761.68*	
		For Single Phase Transformers, Deduct	*-531.74*	
		For Dry Type Unit, Add	*4,914.98*	
26 11 16 11-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	26,073.70	1,296.33
		For Gas Filled Transformers, Add	*14,088.62*	
		For Single Phase Transformers, Deduct	*-587.03*	
		For Dry Type Unit, Add	*5,425.09*	
26 11 16 11-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	29,017.25	1,532.03
		For Gas Filled Transformers, Add	*15,571.91*	
		For Single Phase Transformers, Deduct	*-648.83*	
		For Dry Type Unit, Add	*6,016.11*	
26 11 16 11-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,612.46	1,767.72
		For Gas Filled Transformers, Add	*18,046.20*	
		For Single Phase Transformers, Deduct	*-751.93*	
		For Dry Type Unit, Add	*6,970.49*	
26 11 16 11-0067	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	39,082.94	2,121.27
		For Gas Filled Transformers, Add	*20,904.24*	
		For Single Phase Transformers, Deduct	*-871.01*	
		For Dry Type Unit, Add	*8,089.14*	
26 11 16 11-0068	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	46,070.64	2,356.97
		For Gas Filled Transformers, Add	*24,814.01*	
		For Single Phase Transformers, Deduct	*-1,033.92*	
		For Dry Type Unit, Add	*9,569.87*	
26 11 16 11-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	59,216.16	2,474.82
		For Gas Filled Transformers, Add	*32,559.91*	
		For Single Phase Transformers, Deduct	*-1,356.66*	
		For Dry Type Unit, Add	*12,433.60*	
26 11 16 11-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	64,891.44	2,592.66
		For Gas Filled Transformers, Add	*35,823.66*	
		For Single Phase Transformers, Deduct	*-1,492.65*	
		For Dry Type Unit, Add	*13,653.88*	
26 11 16 11-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	72,270.06	2,710.52
		For Gas Filled Transformers, Add	*40,109.42*	
		For Single Phase Transformers, Deduct	*-1,671.23*	
		For Dry Type Unit, Add	*15,248.89*	
26 11 16 11-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	83,048.97	2,828.37
		For Gas Filled Transformers, Add	*46,435.34*	
		For Single Phase Transformers, Deduct	*-1,934.81*	
		For Dry Type Unit, Add	*17,591.97*	
26 11 16 11-0073		**Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt** *(26 11 16 11-0049)*		
26 11 16 11-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	24,659.10	1,060.64
		For Gas Filled Transformers, Add	*13,522.70*	
		For Single Phase Transformers, Deduct	*-563.45*	
		For Dry Type Unit, Add	*5,170.45*	
26 11 16 11-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	25,517.75	1,119.56
		For Gas Filled Transformers, Add	*13,967.17*	
		For Single Phase Transformers, Deduct	*-581.97*	
		For Dry Type Unit, Add	*5,345.21*	
26 11 16 11-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	27,389.45	1,296.33
		For Gas Filled Transformers, Add	*14,878.07*	
		For Single Phase Transformers, Deduct	*-619.92*	
		For Dry Type Unit, Add	*5,714.56*	
26 11 16 11-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	28,960.28	1,414.18
		For Gas Filled Transformers, Add	*15,679.15*	
		For Single Phase Transformers, Deduct	*-653.30*	
		For Dry Type Unit, Add	*6,031.86*	
26 11 16 11-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	33,058.06	1,649.88
		For Gas Filled Transformers, Add	*17,854.98*	
		For Single Phase Transformers, Deduct	*-743.96*	
		For Dry Type Unit, Add	*6,876.80*	
26 11 16 11-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	36,688.53	1,885.58
		For Gas Filled Transformers, Add	*19,750.43*	
		For Single Phase Transformers, Deduct	*-822.93*	
		For Dry Type Unit, Add	*7,618.94*	
26 11 16 11-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	42,876.12	2,239.13
		For Gas Filled Transformers, Add	*23,038.72*	
		For Single Phase Transformers, Deduct	*-959.95*	
		For Dry Type Unit, Add	*8,895.36*	
26 11 16 11-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	51,735.13	2,474.82
		For Gas Filled Transformers, Add	*28,071.29*	
		For Single Phase Transformers, Deduct	*-1,169.64*	
		For Dry Type Unit, Add	*10,787.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	62,160.88	2,592.66
		For Gas Filled Transformers, Add	*34,185.32*	
		For Single Phase Transformers, Deduct	*-1,424.39*	
		For Dry Type Unit, Add	*13,053.15*	
26 11 16 11-0083		Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*		
26 11 16 11-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	24,659.10	1,060.64
		For Gas Filled Transformers, Add	*13,522.70*	
		For Single Phase Transformers, Deduct	*-563.45*	
		For Dry Type Unit, Add	*5,170.45*	
26 11 16 11-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	25,517.75	1,119.56
		For Gas Filled Transformers, Add	*13,967.17*	
		For Single Phase Transformers, Deduct	*-581.97*	
		For Dry Type Unit, Add	*5,345.21*	
26 11 16 11-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	27,389.45	1,296.33
		For Gas Filled Transformers, Add	*14,878.07*	
		For Single Phase Transformers, Deduct	*-619.92*	
		For Dry Type Unit, Add	*5,714.56*	
26 11 16 11-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	28,960.28	1,414.18
		For Gas Filled Transformers, Add	*15,679.15*	
		For Single Phase Transformers, Deduct	*-653.30*	
		For Dry Type Unit, Add	*6,031.86*	
26 11 16 11-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	33,058.06	1,649.88
		For Gas Filled Transformers, Add	*17,854.98*	
		For Single Phase Transformers, Deduct	*-743.96*	
		For Dry Type Unit, Add	*6,876.80*	
26 11 16 11-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	32,381.67	1,885.58
		For Gas Filled Transformers, Add	*17,166.31*	
		For Single Phase Transformers, Deduct	*-715.26*	
		For Dry Type Unit, Add	*6,671.43*	
26 11 16 11-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	34,028.14	2,239.13
		For Gas Filled Transformers, Add	*17,729.93*	
		For Single Phase Transformers, Deduct	*-738.75*	
		For Dry Type Unit, Add	*6,948.80*	
26 11 16 11-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	41,597.89	2,474.82
		For Gas Filled Transformers, Add	*21,988.95*	
		For Single Phase Transformers, Deduct	*-916.21*	
		For Dry Type Unit, Add	*8,557.58*	
26 11 16 11-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	49,021.67	2,592.66
		For Gas Filled Transformers, Add	*26,301.80*	
		For Single Phase Transformers, Deduct	*-1,095.91*	
		For Dry Type Unit, Add	*10,162.53*	
26 11 16 11-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	54,630.97	2,710.52
		For Gas Filled Transformers, Add	*29,525.96*	
		For Single Phase Transformers, Deduct	*-1,230.25*	
		For Dry Type Unit, Add	*11,368.29*	
26 11 16 11-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	63,819.37	2,828.37
		For Gas Filled Transformers, Add	*34,897.58*	
		For Single Phase Transformers, Deduct	*-1,454.07*	
		For Dry Type Unit, Add	*13,361.45*	
26 11 16 11-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	77,793.17	2,946.21
		For Gas Filled Transformers, Add	*43,140.45*	
		For Single Phase Transformers, Deduct	*-1,797.52*	
		For Dry Type Unit, Add	*16,407.41*	
26 12		Medium-Voltage Transformers *(26 10)*		
26 12 13		**Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 13 00-0001		Removal And Relocation Of Transformers *(26 12 13)*		
26 12 13 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	1,248.43	
26 12 13 00-0003	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	2,297.45	
26 12 13 00-0004		Single Phase Oil Filled Distribution Transformers *(26 12 13)*		
		Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.		
26 12 13 00-0005		Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0004)*		
26 12 13 00-0006	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,951.03	496.26
26 12 13 00-0007	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,379.02	620.32
26 12 13 00-0008	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,800.14	744.38
26 12 13 00-0009	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,576.58	930.48
26 12 13 00-0010	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,262.76	1,116.57
26 12 13 00-0011	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	5,535.43	1,302.67
26 12 13 00-0012	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	6,572.20	1,550.79
26 12 13 00-0013		Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0004)*		
26 12 13 00-0014	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,951.03	496.26
26 12 13 00-0015	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,405.34	620.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0016	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,800.14	744.38
26 12 13 00-0017	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,576.58	930.48
26 12 13 00-0018	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,262.76	1,116.57
26 12 13 00-0019	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,264.88	1,302.67
26 12 13 00-0020	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,434.81	1,550.79
26 12 13 00-0021		Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*		
26 12 13 00-0022	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,920.32	496.26
26 12 13 00-0023	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,295.67	620.32
26 12 13 00-0024	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,717.71	744.38
26 12 13 00-0025	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,557.56	930.48
26 12 13 00-0026	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,182.44	1,116.57
26 12 13 00-0027	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,315.61	1,302.67
26 12 13 00-0028	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,447.50	1,550.79
26 12 13 00-0029		Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*		
26 12 13 00-0030	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,062.89	496.26
26 12 13 00-0031	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,442.62	620.32
26 12 13 00-0032	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,102.71	744.38
26 12 13 00-0033	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,900.29	930.48
26 12 13 00-0034	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,566.64	1,116.57
26 12 13 00-0035	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,883.82	1,302.67
26 12 13 00-0036	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,364.78	1,550.79
26 12 13 00-0037		Transformer Platforms *(26 12 13 00-0004)*		
26 12 13 00-0038	EA	Transformer Platforms, 75 - 167 KVA	4,947.56	838.06
26 12 13 00-0039		Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0004)*		
26 12 13 00-0040	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,192.90	496.26
26 12 13 00-0041	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,560.67	620.32
26 12 13 00-0042	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,103.91	744.38
26 12 13 00-0043	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,898.83	930.48
26 12 13 00-0044	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,690.20	1,178.60
26 12 13 00-0045	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,887.47	1,302.67
26 12 13 00-0046	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,364.78	1,550.79
26 12 13 00-0047	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,708.78	1,985.03
26 12 13 00-0048	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	12,628.81	2,667.37
26 12 13 00-0049	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,757.46	3,101.60
26 12 13 00-0050	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	17,806.04	3,349.72
26 12 13 00-0051		Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0004)*		
26 12 13 00-0052	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,951.03	607.66
26 12 13 00-0053	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,379.02	759.52
26 12 13 00-0054	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,799.64	910.51
26 12 13 00-0055	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,577.78	1,141.02
26 12 13 00-0056	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,261.61	1,366.81
26 12 13 00-0057	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	5,533.88	1,591.86
26 12 13 00-0058	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	6,572.20	1,898.92
26 12 13 00-0059		Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0004)*		
26 12 13 00-0060	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,951.03	607.66
26 12 13 00-0061	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,405.34	759.52
26 12 13 00-0062	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,799.64	910.51
26 12 13 00-0063	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,577.78	1,141.02
26 12 13 00-0064	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,261.61	1,366.81
26 12 13 00-0065	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,263.33	1,591.86
26 12 13 00-0066	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,434.81	1,898.92
26 12 13 00-0067		Primary 7.2 To 14.4 KV Ground Y *(26 12 13 00-0004)*		
26 12 13 00-0068		Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0067)*		
26 12 13 00-0069	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,720.32	496.26
26 12 13 00-0070	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,096.07	620.32
26 12 13 00-0071	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,464.13	744.38
26 12 13 00-0072	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,159.72	930.48
26 12 13 00-0073	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,877.56	1,116.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0074	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,391.74	1,302.67
26 12 13 00-0075	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,292.00	1,550.79
26 12 13 00-0076		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0067)*		
26 12 13 00-0077	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,650.53	496.26
26 12 13 00-0078	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,008.33	620.32
26 12 13 00-0079	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,424.25	744.38
26 12 13 00-0080	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,079.96	930.48
26 12 13 00-0081	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,767.89	1,116.57
26 12 13 00-0082	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,992.94	1,302.67
26 12 13 00-0083	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,893.20	1,550.79
26 12 13 00-0084		3 Phase Oil Filled Distribution Transformers *(26 12 13)*		
26 12 13 00-0085		Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt *(26 12 13 00-0084)* Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0086	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	6,987.81	1,736.89
26 12 13 00-0087	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	8,243.64	1,860.96
26 12 13 00-0088	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	10,760.60	2,357.22
26 12 13 00-0089	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	13,887.45	2,977.53
26 12 13 00-0090	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	18,791.81	3,349.72
26 12 13 00-0091	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	27,639.59	4,466.30
26 12 16		**Dry-Type, Medium-Voltage Transformers** *(26 12)*		
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	489.07	
26 12 16 00-0003	EA	Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	2,173.65	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,660.91	589.24
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,084.68	707.09
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,841.56	824.94
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,779.93	883.86
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,468.50	942.79
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	8,470.53	1,237.41
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	594.40	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	624.55	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	687.01	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,292.41	589.24
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,920.91	589.24
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,379.61	807.26
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,568.27	807.26
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,348.27	1,060.64
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	8,889.67	1,060.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	13,697.94	1,473.11
26 12 19 00-0023		**Factory Modifications Material Cost Only** *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	792.54	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	200.81	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	624.55	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	1,016.51	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	271.36	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	234.75	
26 12 19 00-0030		**Primary, 12.47 KV Ground Y Or Delta** *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,584.51	589.24
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,018.09	589.24
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,341.40	807.26
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,334.55	807.26
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,832.92	1,060.64
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	9,743.95	1,060.75
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	12,334.48	1,473.11
26 12 19 00-0038		**Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		**13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,165.32	423.46
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,020.41	595.50
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,072.41	952.80
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,318.53	952.80
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,053.08	1,561.54
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,401.70	1,561.54
26 12 19 00-0046		**Oil Filled Distribution Transformer Single Phase** *(26 12 19 00-0001)*		
26 12 19 00-0047		**7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,087.55	449.93
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,379.64	449.93
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,944.93	635.20
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,157.46	635.20
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,949.38	860.17
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,119.91	1,323.33
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,897.54	1,323.33
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,161.61	1,654.17
26 12 19 00-0056		**7.2 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,087.55	449.93
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,379.72	449.93
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,944.93	635.20
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,157.46	635.20
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,949.38	860.17
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,960.54	1,164.54
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,119.91	1,164.54
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,897.54	1,468.91
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,161.61	1,654.17
26 12 19 00-0066		**2.4 KV Primary, 277 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,331.60	449.93
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,645.61	449.93
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,260.26	635.20
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,560.29	635.20
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,410.62	860.17
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,505.01	1,164.54
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,972.77	1,164.54
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,094.60	1,468.91
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,784.37	1,654.17

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0076		2.4 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)*			
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,087.55	449.93
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,379.64	449.93
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,944.93	864.27
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		5,157.46	1,164.54
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		5,949.38	860.17
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		8,777.04	1,164.54
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		10,118.32	1,164.54
26 12 19 00-0084		2.4 KV Primary, 240/480 Volt Secondary *(26 12 19 00-0046)*			
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,087.55	449.93
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,379.64	449.93
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,944.93	635.20
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		5,157.46	635.20
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		5,949.38	860.17
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		8,777.04	1,164.54
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		10,118.32	1,164.54
26 12 19 00-0092		2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)*			
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		2,708.06	463.16
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		2,950.90	516.10
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		3,531.36	569.04
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		4,573.19	794.01
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		5,140.93	926.34
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		6,880.75	1,085.13
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		8,199.99	1,243.94
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		12,412.73	1,588.00
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase		16,662.44	1,786.51

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0001		"Switchyard", Substation Secondary Distribution Section *(26 13 16)* Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.			
26 13 16 00-0002		4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*			
26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		13,225.73	1,376.27
		For Weatherproofing, Add		*2,716.67*	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		13,865.57	1,376.27
		For Weatherproofing, Add		*2,857.44*	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		18,837.10	1,753.42
		For Weatherproofing, Add		*3,912.00*	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		25,576.95	1,753.42
		For Weatherproofing, Add		*5,365.25*	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		36,528.59	2,117.34
		For Weatherproofing, Add		*7,739.39*	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		33,404.88	2,117.34
		For Weatherproofing, Add		*7,037.18*	
26 13 16 00-0009		7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*			
26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		19,609.35	1,588.00
		For Weatherproofing, Add		*4,101.11*	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		24,107.95	1,985.00
		For Weatherproofing, Add		*5,025.57*	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		33,785.84	2,382.01
		For Weatherproofing, Add		*7,107.85*	
26 13 16 00-0013		13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*			
26 13 16 00-0014	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		18,953.56	1,588.00
		For Weatherproofing, Add		*3,939.35*	
26 13 16 00-0015	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		26,011.50	1,588.00
		For Weatherproofing, Add		*5,454.03*	
26 13 16 00-0016	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		37,862.32	2,117.34
		For Weatherproofing, Add		*8,017.81*	
26 13 16 00-0017	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		23,850.97	2,117.34
		For Weatherproofing, Add		*4,953.14*	
26 13 16 00-0018	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		34,474.57	2,646.67
		For Weatherproofing, Add		*7,252.39*	
26 13 16 00-0019	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section		48,087.25	2,646.67
		For Weatherproofing, Add		*10,207.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0020	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	33,231.46	2,646.67
		For Weatherproofing, Add	*6,967.83*	
26 13 16 00-0021	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	45,920.47	2,646.67
		For Weatherproofing, Add	*9,721.30*	
26 13 16 00-0022	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	59,392.38	2,646.67
		For Weatherproofing, Add	*12,649.06*	
26 13 16 00-0023		**4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0024	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,996.38	866.78
		For Weatherproofing, Add	*1,197.64*	
26 13 16 00-0025	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,730.99	866.78
		For Weatherproofing, Add	*1,579.25*	
26 13 16 00-0026	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,435.18	1,151.31
		For Weatherproofing, Add	*1,694.92*	
26 13 16 00-0027	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,452.53	1,422.59
		For Weatherproofing, Add	*2,100.35*	
26 13 16 00-0028	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	13,963.23	1,422.59
		For Weatherproofing, Add	*2,872.70*	
26 13 16 00-0029		**7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0030	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,559.68	1,323.33
		For Weatherproofing, Add	*1,524.66*	
26 13 16 00-0031	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,884.82	1,323.33
		For Weatherproofing, Add	*1,997.20*	
26 13 16 00-0032	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,983.82	1,323.33
		For Weatherproofing, Add	*3,080.51*	
26 13 16 00-0033		**13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0034	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,820.75	1,124.84
		For Weatherproofing, Add	*1,563.82*	
26 13 16 00-0035	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,322.77	1,124.84
		For Weatherproofing, Add	*1,674.27*	
26 13 16 00-0036	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,873.97	1,389.50
		For Weatherproofing, Add	*2,416.84*	
26 13 16 00-0037	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,691.45	1,667.40
		For Weatherproofing, Add	*2,118.20*	
26 13 16 00-0038	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	13,057.16	1,667.40
		For Weatherproofing, Add	*2,638.65*	
26 13 16 00-0039	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,021.00	1,945.30
		For Weatherproofing, Add	*3,031.36*	
26 13 16 00-0040	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,171.08	2,223.20
		For Weatherproofing, Add	*2,805.74*	
26 13 16 00-0041	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,792.13	2,223.20
		For Weatherproofing, Add	*3,162.37*	
26 13 16 00-0042	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	19,396.83	2,487.87
		For Weatherproofing, Add	*3,916.42*	
26 13 16 00-0043		**Accessories For Substation Secondary Distribution Sections** *(26 13 16 00-0001)*		
26 13 16 00-0044	EA	1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	3,879.88	838.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*503.17*	
26 13 16 00-0045	EA	2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	4,820.18	930.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*558.37*	
26 13 16 00-0046	EA	3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	6,267.40	1,119.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*671.75*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,213.09	1,683.68
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,584.74	105.37
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,116.99	105.37
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,184.69	105.37
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	8,794.24	105.37
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,598.58	105.37
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	13,058.33	105.37
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,088.02	105.37
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,357.34	105.37
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,570.04	105.37
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	2,292.56	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0058	EA	AC Ammeter With Switch	909.53	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	909.53	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0060	EA	Indicating Wattmeter	1,334.63	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0061	EA	Indicating Varmeter	1,570.47	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	993.97	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	2,403.68	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	4,335.80	105.37
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	623.46	105.37
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	2,900.36	105.37

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	46,958.32	1,654.17
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	51,884.38	2,090.87
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	58,919.02	2,090.87
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	53,761.98	1,654.17
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	60,422.46	1,654.17
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	68,879.50	1,945.30
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	71,128.35	2,223.20
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	77,822.65	2,223.20
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	85,052.41	2,501.11

26 13 29 Medium-Voltage Compartmentalized Switchgear *(26 13)*

26 13 29 00-0001 Substation Secondary Distribution Section *(26 13 29)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker *(26 13 29 00-0001)*

Note: With solid state long - time and instantaneous trips.

26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	14,953.39	1,024.77
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	23,679.59	1,549.36
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	32,065.72	1,903.14
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	53,128.42	2,208.14
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	68,248.66	2,513.12

26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker *(26 13 29 00-0001)*

26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,621.90	311.09
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,651.59	311.09
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,010.15	457.49
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,285.94	457.49
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	23,831.20	670.99

26 13 29 00-0014 Switchgear Compartment, Blank, Use As Filler Or Metering *(26 13 29 00-0001)*

Note: No provisions for future breaker.

26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section	3,102.53	347.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.81*	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section	3,865.97	347.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.39*	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section	5,078.46	536.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*335.49*	

26 13 29 00-0018 Accessories For Substation Secondary Distribution *(26 13 29 00-0001)*

26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section	1,636.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section	1,293.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	3,897.48	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	3,897.48	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	5,124.96	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	6,610.85	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	2,929.97	120.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.09*	
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	10,179.58	1,779.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,067.94*	
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	1,817.23	105.37
26 13 29 00-0028	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	2,118.00	105.37
26 13 29 00-0029	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	1,128.27	52.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 13 29 00-0030	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	8,279.79	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 13 29 00-0031	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	1,076.59	52.68

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

26 18 36 Medium-Voltage Enclosed Fuses *(26 18)*

26 18 36 00-0001 Sectionalizing Switch *(26 18 36)*

26 18 36 00-0002 Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 36 00-0001)*
Note: 15 KV - 25 KV.

26 18 36 00-0003 Sectionalizing Tapping And Fusing Underground Feeders *(26 18 36 00-0002)*
Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.

26 18 36 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	25,864.64	883.86
26 18 36 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	29,038.32	883.86

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001 Service Drop Cable And Weatherheads *(26 21 13)*

26 21 13 00-0002 600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*

26 21 13 00-0003 Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	8.05	3.15
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	9.60	3.72
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	11.00	4.20
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	14.14	5.30

26 21 13 00-0008 Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	9.65	3.72
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	10.95	4.20
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.82	5.30
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	17.03	6.46
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	22.41	8.54
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	28.08	10.58
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	34.95	12.61

26 21 13 00-0016 Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	10.96	4.20
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.82	5.30
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	17.77	6.79
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	22.66	8.54
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	25.15	9.45
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	28.51	10.58
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	33.78	12.61
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	39.18	13.93

26 21 13 00-0025 Weatherproof Conduit Hubs *(26 21 13 00-0002)*

26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	53.73	20.30
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	61.31	23.06
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	71.44	25.84
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	99.98	34.60
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	110.11	37.37
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	143.41	43.37
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	190.22	48.90
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	246.94	57.66
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	434.30	115.34

26 21 13 00-0035 Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*

26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	58.54	20.30
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	67.05	23.06
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	76.59	25.84
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	102.87	34.60
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	115.73	37.37
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	150.07	43.37
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	244.14	48.90
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	278.62	57.66
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	465.20	115.34

26 21 13 00-0045 Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)*

26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	56.84	20.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	64.19	23.06
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	72.72	25.72
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	96.75	34.60
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	107.47	37.37
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	126.47	43.37
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	199.87	48.90
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	256.36	57.66
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	362.75	86.50
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	438.70	115.34
26 21 13 00-0056		Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)*		
26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	55.77	20.30
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	63.81	23.06
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	72.51	25.72
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	96.58	34.60
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	105.22	37.37
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	129.26	43.37
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	218.21	48.90
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	244.28	57.66
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	420.89	86.50
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	583.33	115.34

26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*
Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	3,329.12	1,176.31
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	3,629.92	1,245.52
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,024.14	1,323.33
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,330.87	1,323.33
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,710.77	1,411.60
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,510.25	1,628.76
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,970.73	2,117.34

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*
Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	806.04	296.29
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,036.05	355.55
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,205.45	370.96
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,376.18	385.18
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,779.22	414.81
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,054.61	444.44
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*58.29*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*87.43*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,234.81	474.06
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*64.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*96.50*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,266.09	533.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*59.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*89.96*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,644.66	592.58
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*72.98*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*109.46*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,400.57	711.09
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*98.92*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*148.38*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	4,217.96	829.60
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*127.94*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*191.91*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,377.43	1,066.64
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*212.21*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*318.31*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	10,658.91	1,303.67
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*402.58*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*603.87*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	15,952.90	1,481.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*649.50*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*974.25*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0017		240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	936.71	355.55
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,046.27	370.36
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,198.24	385.18
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,360.78	414.81
26 22 13 00-0022		240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,054.61	444.44
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,234.81	474.06
26 22 13 00-0025		1 Phase Mounting Brackets *(26 22 13 00-0001)*		
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	575.17	210.74
26 22 13 00-0027		1 Phase Weathershields *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	41.99	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	53.53	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	63.83	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	76.15	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	103.02	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	123.18	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	151.18	
26 22 13 00-0035		Packaged Power Supply *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	1,358.09	370.36
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	1,492.24	385.18
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	1,613.74	414.81
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	1,906.59	444.44
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	2,466.15	474.06
26 22 13 00-0041		240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	998.05	266.66
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,314.87	296.29
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,545.36	355.55
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,681.38	370.36
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,856.58	385.18
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,296.58	414.81
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,868.73	444.44
26 22 13 00-0049		1 Phase, 208/600 Volt, Dry General Purpose Transformer *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,408.87	444.44
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,551.66	474.06
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,703.32	503.69
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,729.12	533.32
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,924.82	562.95
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	6,377.43	592.58
26 22 13 00-0056		3 Phase General Purpose "Dry Type" Transformer *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		Packaged Power Supply *(26 22 13 00-0056)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	5,507.29	1,274.04
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*147.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*221.94*	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	6,392.94	1,362.92
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*183.35*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*275.03*	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	7,462.34	1,481.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*224.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*337.46*	
26 22 13 00-0061		Drive Isolation Transformers *(26 22 13 00-0056)*		
		Note: Only use in step-up applications.		
26 22 13 00-0062		230 Volt Drive Isolation Transformers *(26 22 13 00-0061)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,567.22	474.06
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,116.33	503.69
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,273.56	533.32
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,968.98	562.95
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,188.07	622.21
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,701.08	681.46
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,412.66	740.72
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,425.14	829.60
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,992.53	859.24
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,111.19	888.87
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,238.29	918.50
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,722.93	1,125.90
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,112.46	1,185.15
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,040.17	1,244.41
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,525.20	1,481.45
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	25,628.50	1,748.10
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	27,141.42	1,925.87
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	32,816.62	2,133.28
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	40,211.35	2,370.31

26 22 13 00-0082 208V Drive Isolation Transformers *(26 22 13 00-0061)*

26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,700.53	474.06
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,274.57	503.69
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,436.79	533.32
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,164.59	562.95
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,388.80	622.21
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,862.64	651.83
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,722.90	770.35
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,718.62	829.60
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,311.88	859.24
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,484.46	888.87
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,716.81	918.50
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,255.91	1,125.90
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,710.14	1,185.15
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,729.93	1,244.41
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	20,368.23	1,481.45

26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,684.33	488.87
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,408.27	533.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*117.08*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*175.62*	

26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,875.88	651.83
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*128.61*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*192.92*	
		For K4 Factor Rating, Add	*1,800.55*	
		For K13 Factor Rating, Add	*2,572.21*	
		For K20 Factor Rating, Add	*3,343.87*	
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,601.59	711.09
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*158.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*238.46*	
		For K4 Factor Rating, Add	*2,225.58*	
		For K13 Factor Rating, Add	*3,179.40*	
		For K20 Factor Rating, Add	*4,133.22*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,838.54	770.35
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*164.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*247.34*	
		For K4 Factor Rating, Add	*2,308.49*	
		For K13 Factor Rating, Add	*3,297.84*	
		For K20 Factor Rating, Add	*4,287.19*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,166.64	829.60
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*225.37*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*338.06*	
		For K4 Factor Rating, Add	*3,155.19*	
		For K13 Factor Rating, Add	*4,507.42*	
		For K20 Factor Rating, Add	*5,859.65*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,153.76	888.87
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*218.80*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*328.20*	
		For K4 Factor Rating, Add	*3,063.22*	
		For K13 Factor Rating, Add	*4,376.03*	
		For K20 Factor Rating, Add	*5,688.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	7,619.14	1,066.64
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*274.29*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*411.44*	
		For K4 Factor Rating, Add	*3,840.10*	
		For K13 Factor Rating, Add	*5,485.86*	
		For K20 Factor Rating, Add	*7,131.62*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,686.54	1,185.15
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*365.81*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*548.72*	
		For K4 Factor Rating, Add	*5,121.36*	
		For K13 Factor Rating, Add	*7,316.23*	
		For K20 Factor Rating, Add	*9,511.10*	
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	13,071.63	1,481.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*505.44*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*758.16*	
		For K4 Factor Rating, Add	*7,076.13*	
		For K13 Factor Rating, Add	*10,108.75*	
		For K20 Factor Rating, Add	*13,141.38*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	15,965.46	1,836.99
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*614.57*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*921.86*	
		For K4 Factor Rating, Add	*8,604.04*	
		For K13 Factor Rating, Add	*12,291.48*	
		For K20 Factor Rating, Add	*15,978.92*	
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	22,502.48	2,251.79
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*899.94*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,349.92*	
		For K4 Factor Rating, Add	*12,599.22*	
		For K13 Factor Rating, Add	*17,998.89*	
		For K20 Factor Rating, Add	*23,398.56*	
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	49,355.12	2,710.52
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,195.17*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,292.76*	
		For K4 Factor Rating, Add	*30,732.38*	
		For K13 Factor Rating, Add	*43,903.40*	
		For K20 Factor Rating, Add	*57,074.42*	
26 22 13 00-0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	64,377.46	2,962.88
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,922.58*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,383.88*	
		For K4 Factor Rating, Add	*40,916.18*	
		For K13 Factor Rating, Add	*58,451.68*	
		For K20 Factor Rating, Add	*75,987.18*	
26 22 13 00-0114		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,248.59	459.24
		For K4 Factor Rating, Add	*931.06*	
		For K13 Factor Rating, Add	*1,330.09*	
		For K20 Factor Rating, Add	*1,729.12*	
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,684.33	488.87
		For K4 Factor Rating, Add	*1,194.60*	
		For K13 Factor Rating, Add	*1,706.57*	
		For K20 Factor Rating, Add	*2,218.54*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,408.27	533.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*117.08*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*175.62*	
		For K4 Factor Rating, Add	*1,639.14*	
		For K13 Factor Rating, Add	*2,341.63*	
		For K20 Factor Rating, Add	*3,044.12*	
26 22 13 00-0118		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,199.98	651.83
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*244.82*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*367.22*	
		For K4 Factor Rating, Add	*3,427.42*	
		For K13 Factor Rating, Add	*4,896.31*	
		For K20 Factor Rating, Add	*6,365.20*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,989.32	770.35
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*272.43*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*408.65*	
		For K4 Factor Rating, Add	*3,814.03*	
		For K13 Factor Rating, Add	*5,448.62*	
		For K20 Factor Rating, Add	*7,083.21*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	10,064.44	888.87
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*414.34*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*621.50*	
		For K4 Factor Rating, Add	*5,800.70*	
		For K13 Factor Rating, Add	*8,286.71*	
		For K20 Factor Rating, Add	*10,772.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,585.78	1,066.64
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*522.63*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*783.94*	
		For K4 Factor Rating, Add	*7,316.75*	
		For K13 Factor Rating, Add	*10,452.50*	
		For K20 Factor Rating, Add	*13,588.25*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	15,058.94	1,185.15
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*634.43*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*951.65*	
		For K4 Factor Rating, Add	*8,882.04*	
		For K13 Factor Rating, Add	*12,688.63*	
		For K20 Factor Rating, Add	*16,495.22*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	19,265.31	1,481.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*815.12*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,222.68*	
		For K4 Factor Rating, Add	*11,411.70*	
		For K13 Factor Rating, Add	*16,302.43*	
		For K20 Factor Rating, Add	*21,193.16*	
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	23,459.89	1,836.99
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*989.30*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,483.94*	
		For K4 Factor Rating, Add	*13,850.14*	
		For K13 Factor Rating, Add	*19,785.91*	
		For K20 Factor Rating, Add	*25,721.68*	
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	37,000.88	2,251.79
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,624.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,437.30*	
		For K4 Factor Rating, Add	*22,748.10*	
		For K13 Factor Rating, Add	*32,497.29*	
		For K20 Factor Rating, Add	*42,246.48*	
26 22 13 00-0127		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0128		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,220.03	533.32
26 22 13 00-0130	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,714.75	651.83
26 22 13 00-0131	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,734.89	770.35
26 22 13 00-0132	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	8,510.94	888.87
26 22 13 00-0133	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	12,519.59	1,066.64
26 22 13 00-0134	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	15,116.86	1,185.15
26 22 13 00-0135	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	17,682.85	1,481.45
26 22 13 00-0136	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	27,574.28	1,836.99
26 22 13 00-0137		3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,652.36	533.32
26 22 13 00-0139	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	5,397.38	651.83
26 22 13 00-0140	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	7,773.31	770.35
26 22 13 00-0141	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	9,855.51	888.87
26 22 13 00-0142	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	14,596.44	1,066.64
26 22 13 00-0143	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	17,667.41	1,185.15
26 22 13 00-0144	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	20,626.43	1,481.45
26 22 13 00-0145	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	32,354.75	1,836.99
26 22 13 00-0146		NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0147		Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148		150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0149	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,260.17	530.32
26 22 13 00-0150	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,977.27	648.17
26 22 13 00-0151	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,789.70	766.02
26 22 13 00-0152	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,383.67	883.86
26 22 13 00-0153	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,500.77	1,060.64
26 22 13 00-0154	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,528.96	1,178.49
26 22 13 00-0155	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	13,930.53	1,473.11
26 22 13 00-0156	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	19,529.69	1,826.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0157		**115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0147)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,921.95	530.32
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,778.89	648.17
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,767.21	766.02
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,768.68	883.86
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,930.31	1,060.64
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,980.56	1,178.49
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	17,226.04	1,473.11
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	24,292.60	1,826.65
26 22 13 00-0166		**80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0147)*		
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,581.06	530.32
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,582.73	648.17
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,744.74	766.02
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,151.46	883.86
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,733.94	1,060.64
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,432.16	1,178.49
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	20,521.56	1,473.11
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	29,055.51	1,826.65
26 22 13 00-0175		**Copper Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0146)* Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0176		**150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0175)*		
26 22 13 00-0177	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,360.61	530.32
26 22 13 00-0178	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,315.52	648.17
26 22 13 00-0179	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,417.41	766.02
26 22 13 00-0180	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,690.53	883.86
26 22 13 00-0181	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,760.65	1,060.64
26 22 13 00-0182	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	14,699.57	1,178.49
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,535.13	1,473.11
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	27,632.65	1,826.65
26 22 13 00-0185		**115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0175)*		
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,019.72	530.32
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,119.37	648.17
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,394.94	766.02
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,075.54	883.86
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	15,269.94	1,060.64
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,210.86	1,178.49
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	24,514.04	1,473.11
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	36,425.89	1,826.65

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,681.04	530.32
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,923.20	648.17
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,372.45	766.02
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,458.32	883.86
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	18,088.95	1,060.64
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	23,301.32	1,178.49
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	29,490.71	1,473.11
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	43,448.90	1,826.65
26 22 13 00-0203		3 Phase Weathershields *(26 22 13 00-0056)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	568.86	
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	966.02	
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	966.02	
26 22 13 00-0207		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	725.15	210.74
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0209)*		
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0211		Factory Modifications *(26 22 13 00-0210)*		
		Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0212	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	1,042.36	
26 22 13 00-0213	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	169.50	
26 22 13 00-0214	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	677.99	
26 22 13 00-0215	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	1,953.34	
26 22 13 00-0216	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	239.29	
26 22 13 00-0217	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	189.44	
26 22 13 00-0218		Accessories For Transformer Liquid Containment Area *(26 22 13 00-0210)*		
		Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0219	EA	Containment Area For 75 KVA	5,248.91	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,284.53*	
26 22 13 00-0220	EA	Containment Area For 112.5 KVA	5,248.91	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,284.53*	
26 22 13 00-0221	EA	Containment Area For 150 KVA	5,248.91	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,284.53*	
26 22 13 00-0222	EA	Containment Area For 225 KVA	5,248.91	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,284.53*	
26 22 13 00-0223	EA	Containment Area For 300 KVA	5,242.00	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,282.46*	
26 22 13 00-0224	EA	Containment Area For 500 KVA	5,242.00	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,282.46*	
26 22 13 00-0225	EA	Containment Area For 750 KVA	5,269.92	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,282.46*	
26 22 13 00-0226	EA	Containment Area For 1,000 KVA	5,674.72	1,926.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,282.46*	
26 22 13 00-0227		Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)*		
		Note: Rated to 5 KVA.		
26 22 13 00-0228	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,493.93	1,414.18
26 22 13 00-0229	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,092.15	1,414.18
26 22 13 00-0230	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,490.98	1,414.18
26 22 13 00-0231	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	9,687.44	1,414.18
26 22 13 00-0232	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	10,836.48	2,121.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0233	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,235.30	2,121.27
26 22 13 00-0234	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	16,021.14	2,121.27
26 22 13 00-0235	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,571.33	2,828.37
26 22 13 00-0236	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,755.99	2,828.37
26 22 13 00-0237		**Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL** *(26 22 13 00-0210)* Note: Rated to 5 KVA.		
26 22 13 00-0238	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,693.34	1,414.18
26 22 13 00-0239	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,490.98	1,414.18
26 22 13 00-0240	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,690.39	1,414.18
26 22 13 00-0241	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,889.80	1,414.18
26 22 13 00-0242	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	10,836.48	2,121.27
26 22 13 00-0243	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,634.12	2,121.27
26 22 13 00-0244	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	16,021.14	2,121.27
26 22 13 00-0245	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,770.73	2,828.37
26 22 13 00-0246	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,755.99	2,828.37
26 22 13 00-0247		**Primary 5 KV Or 15 KV, Secondary 277/480 Volt** *(26 22 13 00-0209)* Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0248	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	12,897.03	1,910.58
26 22 13 00-0249	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	14,340.63	2,255.48
26 22 13 00-0250	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	16,447.28	2,756.70
26 22 13 00-0251	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	19,324.39	3,101.60
26 22 13 00-0252	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	22,906.52	3,264.74
26 22 13 00-0253	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	28,978.54	4,770.25
26 22 13 00-0254	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	33,708.33	5,396.78
26 22 13 00-0255	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	41,411.15	6,203.19
26 22 13 00-0256	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	45,222.28	6,513.35
26 22 13 00-0257	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	48,361.40	7,257.98
26 22 13 00-0258	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	54,674.27	7,754.24
26 22 13 00-0259		**Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled** *(26 22 13 00-0209)*		
26 22 13 00-0260	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	47,861.27	5,251.92
26 22 13 00-0261	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	58,469.47	6,039.74
26 22 13 00-0262	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	65,971.01	6,357.57
26 22 13 00-0263	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	70,424.31	7,105.56
26 22 13 00-0264	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	78,306.07	7,320.87
26 22 13 00-0265		**Silicone Filled Distribution Transformers, 3 Phase** *(26 22 13 00-0209)* Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0266	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	20,660.46	2,255.48
26 22 13 00-0267	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	22,690.77	2,756.70
26 22 13 00-0268	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	26,404.11	3,101.60
26 22 13 00-0269	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	31,240.57	3,264.74
26 22 13 00-0270	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	38,764.24	4,770.25
26 22 13 00-0271	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	48,210.71	5,396.78
26 22 13 00-0272	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	58,163.81	6,203.19
26 22 13 00-0273	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	65,636.53	6,513.35
26 22 13 00-0274		**Foam Core Poly Transformer Pads** *(26 22 13)*		
26 22 13 00-0275	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	192.27	40.50

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0002		**Incoming Service Section Main Device Only** *(26 24 13 00-0001)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,993.90	1,008.86
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,418.27	1,067.11
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,109.11	1,210.47
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,657.68	1,297.66
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,250.76	1,383.59
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,656.87	1,471.14
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,824.32	1,008.86
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,168.38	1,067.11
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,582.98	1,211.50
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,722.19	1,297.66
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,250.76	1,384.98
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,656.87	1,471.14
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	16,400.93	1,538.03
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	18,588.28	1,647.72
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	21,932.40	1,776.20
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,722.44	893.87
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,005.36	951.65
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,442.68	1,095.47
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,710.10	1,141.50
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,948.52	1,182.68
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,324.93	1,268.03
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,675.84	1,354.99
26 24 13 00-0025		**Branch Breaker Units** *(26 24 13 00-0001)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker	339.86	35.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.11*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker	498.15	55.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.22*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,335.45	100.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.55*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,368.49	131.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.89*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,223.50	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker	6,751.81	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	10,949.33	575.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*345.32*	
26 24 13 00-0033		**Fusible Switch Type 480 Volt, 3 Phase, 3 Wire** *(26 24 13)*		
26 24 13 00-0034		**Incoming Service Section Main Device Only** *(26 24 13 00-0033)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,651.88	1,309.08
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,309.96	1,309.08
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	9,321.98	1,701.23
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,559.00	1,701.23
26 24 13 00-0039		**Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire** *(26 24 13)*		
26 24 13 00-0040		**Incoming Service Section Main Device Only** *(26 24 13 00-0039)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,593.32	893.87
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,998.68	951.65
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,107.34	1,095.47
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,635.17	1,181.76
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,381.62	893.87
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,524.76	951.65
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	7,744.60	1,095.47
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	11,100.56	1,181.76
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	13,028.68	1,326.38
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,523.80	778.42
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,826.37	836.31
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,317.83	980.14
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,569.94	1,026.16
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,813.67	1,067.11
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,137.55	1,141.50
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,454.11	1,210.47
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,528.81	1,499.39
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,186.71	1,643.56
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,271.12	1,773.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0060		**Branch Breaker Units** *(26 24 13 00-0039)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	183.42	30.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.34*	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	291.50	50.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.45*	
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	883.01	70.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.56*	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,531.99	91.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.67*	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	3,993.09	222.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.21*	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	5,670.77	222.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.21*	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	9,354.13	423.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.35*	
26 24 13 00-0068		**Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire** *(26 24 13)*		
26 24 13 00-0069		**Incoming Service Section Main Device Only** *(26 24 13 00-0068)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,995.32	1,008.86
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,416.69	1,067.11
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,107.07	1,210.47
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,655.35	1,297.66
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,245.44	1,383.59
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,656.87	1,471.14
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,825.74	1,008.86
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,166.80	1,067.11
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,582.98	1,211.50
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,719.86	1,297.66
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,248.09	1,384.98
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,656.87	1,471.14
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,853.86	893.87
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,188.47	951.65
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,717.15	1,095.47
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,997.75	1,141.50
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,268.80	1,182.68
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,633.11	1,268.03
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,002.50	1,354.99
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,935.09	1,539.76
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,564.05	1,647.60
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	7,741.97	1,770.43
26 24 13 00-0092		**Branch Breaker Units** *(26 24 13 00-0068)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	339.86	35.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.11*	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	498.15	55.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.22*	
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,335.45	100.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.55*	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,368.49	131.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.89*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,223.50	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	6,751.81	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	10,949.33	575.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*345.32*	
26 24 13 00-0100		**Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire** *(26 24 13)*		
26 24 13 00-0101		**Incoming Service Section Main Device Only** *(26 24 13 00-0100)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,182.68	1,383.59
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,686.20	1,471.14
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,066.16	1,642.06
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,815.58	1,758.20
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,592.53	1,383.59
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,846.17	1,471.14
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	10,022.16	1,643.91
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,640.90	1,758.20
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,227.82	1,874.82
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,697.24	1,991.31
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,853.86	893.87
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,188.47	951.65
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,717.15	1,095.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,997.75	1,141.50
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,268.80	1,182.68
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,633.11	1,268.03
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,002.50	1,354.99

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	702.01	35.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.11*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	809.76	55.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.22*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,468.52	100.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.55*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,368.49	131.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.89*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	5,675.46	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	5,805.16	322.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.74*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	9,317.13	575.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*345.32*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	725.43	90.54
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	722.91	90.54
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	722.91	90.54
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,133.70	119.38
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,133.70	119.38
		For Electrical Interlock Kit, Add	*294.47*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	829.23	88.81
		For Electrical Interlock Kit, Add	*282.09*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,207.51	88.81
		For Electrical Interlock Kit, Add	*282.09*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	3,104.12	239.33

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	929.06	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	926.54	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	926.54	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,395.09	136.68
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,395.09	136.68
		For Electrical Interlock Kit, Add	*294.47*	

26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,004.05	100.34
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,620.71	100.34
		For Electrical Interlock Kit, Add	*282.09*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,155.34	267.93
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	5,932.51	343.25
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	11,035.24	465.04

26 24 13 00-0150 600 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,310.92	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,308.36	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,310.92	102.08
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,971.25	136.68
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,013.89	136.68
		For Electrical Interlock Kit, Add	*294.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,283.72	178.78
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,415.32	100.34
		For Electrical Interlock Kit, Add	*294.47*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,142.83	100.34
		For Electrical Interlock Kit, Add	*282.09*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,214.44	267.93
		For Electrical Interlock Kit, Add	*282.09*	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,333.38	343.25
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	11,035.24	465.04
26 24 13 00-0163		**Service And Distribution Structures** *(26 24 13)*		
26 24 13 00-0164		**Distribution Section 600 Volt, 250 Volt DC** *(26 24 13 00-0163)*		
26 24 13 00-0165		**600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,678.80	1,061.10
26 24 13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,191.79	1,061.10
26 24 13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,554.58	1,349.45
26 24 13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,927.18	1,349.45
26 24 13 00-0170		**800 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,017.89	1,228.34
26 24 13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,516.15	1,228.34
26 24 13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,927.18	1,522.46
26 24 13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,261.91	1,522.46
26 24 13 00-0175		**1,200 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,542.71	1,499.39
26 24 13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,053.56	1,499.39
26 24 13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,490.76	1,845.41
26 24 13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,981.14	1,845.41
26 24 13 00-0180		**1,600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,362.10	1,643.56
26 24 13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,973.76	1,643.56
26 24 13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,493.92	2,029.95
26 24 13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,921.09	2,029.95
26 24 13 00-0185		**2,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,575.93	1,649.33
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,237.81	1,856.93
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,346.05	1,856.93
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,572.38	1,960.74
26 24 13 00-0190		**3,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,266.83	1,856.93
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,373.44	1,856.93
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,599.77	1,960.74
26 24 13 00-0194		**4,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,414.70	1,960.74
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,599.77	1,960.74
26 24 13 00-0197	EA	42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,681.50	1,960.74
26 24 13 00-0198		**Pull Boy, Horizontal Mounted Across Top Of Switch Board** *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	563.92	138.40
26 24 13 00-0200	EA	Drilled Bottom For Pull Boy	635.95	138.40
26 24 13 00-0201	EA	Cable Supports In Pull Box	225.62	34.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.22*	
26 24 13 00-0202		**Underground Pull Sections** *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal	548.71	161.48
26 24 13 00-0204	EA	24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal	945.15	207.61
26 24 13 00-0205	EA	24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal	945.15	207.61
26 24 13 00-0206	EA	14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	709.44	161.48
26 24 13 00-0207	EA	28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	1,012.38	236.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0208	EA	14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,156.63	236.44
26 24 13 00-0209	EA	26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,213.91	305.65
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,283.70	305.65
26 24 13 00-0211		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,395.71	961.11
26 24 13 00-0213	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,813.79	1,044.73
26 24 13 00-0214	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,039.43	1,334.92
26 24 13 00-0215	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,604.77	1,456.25
26 24 13 00-0216	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,043.60	1,550.25
26 24 13 00-0217	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,199.20	843.12
26 24 13 00-0218	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	2,992.76	800.90
26 24 13 00-0219	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,314.25	868.50
26 24 13 00-0220	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	5,509.24	961.11
26 24 13 00-0221	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	5,945.72	963.65
26 24 13 00-0222	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	6,541.67	1,075.87
26 24 13 00-0223	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	169.02	57.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.22*	
26 24 13 00-0224	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	206.07	58.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.61*	
26 24 13 00-0225	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	936.86	69.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.64*	
26 24 13 00-0226	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,548.83	149.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.82*	
26 24 13 00-0227	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	620.25	208.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.09*	
26 24 13 00-0228	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,732.67	120.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.64*	
26 24 13 00-0229		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0230	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,278.95	500.56
26 24 13 00-0231	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,238.20	676.91
26 24 13 00-0232	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,639.31	823.85
26 24 13 00-0233	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,601.08	1,153.38
26 24 13 00-0234	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	5,702.79	1,441.72
26 24 13 00-0235	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,270.68	1,441.72
26 24 13 00-0236	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	7,755.52	1,922.34
26 24 13 00-0237	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,844.42	1,922.34
26 24 13 00-0238	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	10,403.11	2,288.42
26 24 13 00-0239	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	12,406.79	2,288.42
26 24 13 00-0240		**Main Devices** *(26 24 13)*		
26 24 13 00-0241		**Power Circuit Breakers** *(26 24 13 00-0240)*		
26 24 13 00-0242		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0241)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	7,944.87	1,211.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*725.09*	
26 24 13 00-0244	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	14,479.60	2,018.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,209.84*	
26 24 13 00-0245	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	32,499.91	3,390.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,016.39*	
26 24 13 00-0246	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	52,372.14	5,490.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,352.84*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,726.80	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	352.16	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	462.01	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	332.77	
26 24 13 00-0251		**DSL Breaker Electrical Operated And Amptector** *(26 24 13 00-0241)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	9,295.38	1,268.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*764.84*	
26 24 13 00-0253	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	17,244.13	2,133.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,273.98*	
26 24 13 00-0254	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	36,488.61	3,517.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,120.18*	
26 24 13 00-0255	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	56,396.05	5,766.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,545.22*	
26 24 13 00-0256		**DS Breakers With Amptector Static Trip, Manually Operated** *(26 24 13 00-0241)*		
		Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	6,337.31	1,107.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*665.41*	
26 24 13 00-0258	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	11,578.27	1,856.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,109.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0259	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	17,192.79	3,114.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,848.36*	
26 24 13 00-0260	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	29,654.28	5,017.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,078.41*	
26 24 13 00-0261	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	48,274.61	8,188.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,118.54*	
26 24 13 00-0262		**DS Breakers With Amptector Static Trip, Electrically Operated** *(26 24 13 00-0241)*		
		Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	7,452.80	1,061.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*634.65*	
26 24 13 00-0264	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	13,889.42	1,776.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,057.50*	
26 24 13 00-0265	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	19,819.05	2,952.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,765.37*	
26 24 13 00-0266	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	32,714.05	4,809.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,942.29*	
26 24 13 00-0267	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	51,206.44	8,246.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,914.96*	
26 24 13 00-0268		**Molded Case Circuit Breakers Conventional** *(26 24 13 00-0241)*		
26 24 13 00-0269	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	2,734.21	968.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*558.08*	
26 24 13 00-0270	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	3,966.80	968.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*607.04*	
26 24 13 00-0271	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,398.82	1,153.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*665.41*	
26 24 13 00-0272	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,218.52	1,153.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*720.86*	
26 24 13 00-0273	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	7,702.41	1,384.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*789.98*	
26 24 13 00-0274	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	12,386.91	1,384.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*873.77*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	348.93	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	80.77	
26 24 13 00-0277		**Switchboard Branch Breaker 480 Volt** *(26 24 13 00-0240)*		
26 24 13 00-0278	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	559.59	83.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.15*	
26 24 13 00-0279	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	661.12	110.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.54*	
26 24 13 00-0280	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	1,898.49	167.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.24*	
26 24 13 00-0281	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,508.50	209.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.73*	
26 24 13 00-0282	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,038.56	281.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.62*	
26 24 13 00-0283	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,671.47	360.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.26*	
26 24 13 00-0284	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	5,902.74	549.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.54*	
26 24 13 00-0285	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	5,902.74	549.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.54*	
26 24 13 00-0286	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	8,278.83	768.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*461.35*	
26 24 13 00-0287	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	10,346.94	1,153.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*692.03*	
26 24 13 00-0288		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0240)*		
26 24 13 00-0289	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,693.48	500.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.36*	
26 24 13 00-0290	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,788.65	548.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.91*	
26 24 13 00-0291	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,339.96	823.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*494.30*	
26 24 13 00-0292	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	12,532.78	1,153.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*692.03*	
26 24 13 00-0293	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	12,777.74	1,275.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*765.52*	
26 24 13 00-0294	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	16,920.44	2,288.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,373.07*	
26 24 13 00-0295		**Branch Or Distribution Devices** *(26 24 13)*		
26 24 13 00-0296		**3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0297	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	600.15	41.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 13 00-0298	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	605.45	51.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 24 13 00-0299	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,461.02	62.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 24 13 00-0300	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,119.26	80.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	
26 24 13 00-0301	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,988.78	99.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.43*	
26 24 13 00-0302	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,915.49	116.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.85*	
26 24 13 00-0303	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	5,980.21	131.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.89*	
26 24 13 00-0304		2 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	413.36	31.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 24 13 00-0306	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	531.00	41.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 13 00-0307	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,456.52	51.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 24 13 00-0308	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,309.36	57.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.06*	
26 24 13 00-0309	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,439.40	74.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.17*	
26 24 13 00-0310	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	5,532.65	108.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.66*	
26 24 13 00-0311		Meter Devices And Instrumentation *(26 24 13)*		
		Note: Factory installed accessories.		
26 24 13 00-0312		Compartments For Instrument Transformers And Metering Devices *(26 24 13 00-0311)*		
26 24 13 00-0313	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	421.62	
26 24 13 00-0314	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	609.01	
26 24 13 00-0315	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	717.24	
26 24 13 00-0316		Instruments *(26 24 13 00-0311)*		
26 24 13 00-0317	EA	AC Voltmeter	575.08	
26 24 13 00-0318	EA	AC Ammeter	575.08	
26 24 13 00-0319	EA	AC Wattmeter	1,536.25	
26 24 13 00-0320	EA	Variometer	1,734.94	
26 24 13 00-0321	EA	Power Factor Meter	1,386.02	
26 24 13 00-0322	EA	Frequency Meter	1,529.79	
26 24 13 00-0323	EA	200 Volt-Amperes Max Potential Transformer	516.93	
26 24 13 00-0324	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,946.56	
26 24 13 00-0325	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,256.65	
26 24 13 00-0326	EA	Weatherproof, Modify Meter	3,152.10	
26 24 13 00-0327	EA	Control Switch Resistor Type 130 V	74.29	
26 24 13 00-0328	EA	Metering Instrument: Voltage, Amperes And Watt Hour	3,928.34	
26 24 16		**Panelboards** *(26 24)*		
26 24 16 00-0001		Branch Circuit Panelboard *(26 24 16)*		
		Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.		
26 24 16 00-0002		Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*		
		Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003		120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,213.03	328.71
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,380.62	328.71
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,569.25	455.59
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,759.91	455.59
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	1,939.53	570.93
		For NEMA 3R Panelboard, Add	*1,421.60*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,123.82	570.93
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,301.84	657.43
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,766.96	841.97
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	2,913.88	841.97
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,057.75	963.07
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,289.45	963.07
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,431.98	1,084.18
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,644.33	1,084.18
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	3,774.96	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	3,987.41	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,183.42	1,326.38
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,318.38	1,326.38
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,516.65	1,326.38
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0022		120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,432.28	317.18
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,602.37	317.18
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,995.92	542.09
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,262.88	542.09
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,446.12	663.19
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,637.22	663.19
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,806.87	795.83
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,394.51	795.83
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,545.96	974.60
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,710.47	974.60
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,890.70	1,095.71
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,036.77	1,095.71
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,192.56	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,359.51	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,539.45	1,418.66
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,734.64	1,418.66
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,947.80	1,418.66
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,079.63	1,499.39
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,462.99	374.85
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,643.49	374.85
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,848.09	501.72
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,062.63	501.72
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,255.21	617.05
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,461.06	617.05
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,654.79	732.39
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,855.88	732.39
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,041.92	859.27
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,256.16	859.27
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,475.22	991.90
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,689.40	991.90
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,119.74	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,267.15	1,199.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,516.58	1,332.15
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,744.16	1,332.15
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,904.06	1,453.26
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,132.67	1,453.26
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,975.65	1,289.48
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,138.27	1,355.22
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,399.16	1,427.31
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,644.22	1,510.92
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,814.29	1,557.06
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,090.21	1,652.21
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0066		120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,733.58	363.31
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,916.44	363.31
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,133.26	478.65
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,431.99	478.65
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,881.59	720.86
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,069.54	720.86
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,273.47	841.97
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,443.88	841.97
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,672.44	974.60
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,829.79	974.60
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,081.97	1,095.71
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,297.53	1,095.71
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,047.06	1,268.72
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,271.70	1,337.92
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,368.02	1,337.92
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,620.58	1,510.92
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,795.72	1,510.92
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	5,912.64	1,510.92
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,928.63	1,389.82
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,174.56	1,470.56
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,274.21	1,510.92
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,546.99	1,603.19
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,721.20	1,649.33
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,886.96	1,707.00
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,646.20	369.08
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,884.01	369.08
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,111.93	507.49
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,349.72	507.49
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,571.36	634.35
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,805.01	634.35
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,048.90	766.99
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,272.28	766.99
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,518.06	911.17
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,755.28	911.17
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,973.21	1,038.04
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,206.85	1,038.04
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,707.31	1,262.94
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,940.66	1,262.94
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,189.26	1,384.06
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,370.18	1,384.06
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,647.01	1,528.22
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,844.04	1,528.22
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,091.76	392.15
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,324.11	426.75
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,559.04	530.55
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,076.96	645.89
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,301.72	715.09
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,506.22	772.77
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,732.04	841.97
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,949.18	911.17
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,147.48	968.84
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,360.53	1,026.50
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,591.43	1,095.71
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,844.19	1,182.22
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,079.10	1,314.85
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,321.29	1,395.58
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,492.25	1,430.19
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,765.09	1,522.46
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	6,953.57	1,580.13
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,149.18	1,629.73
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0129		277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,999.49	403.68
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,264.11	403.68
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,521.72	536.32
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,781.49	536.32
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,045.58	663.19
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,304.08	663.19
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,566.92	795.83
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,828.64	795.83
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,115.15	934.24
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,354.17	934.24
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,607.05	940.00
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,876.68	940.00
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,557.15	1,303.32
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,832.86	1,303.32
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,044.36	1,372.52
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,345.99	1,464.79
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,572.20	1,464.79
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,907.63	1,603.19
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,593.41	495.95
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,864.43	495.95
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,125.03	657.43
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,722.96	657.43
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,974.73	830.43
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,226.09	830.43
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,468.76	951.54
		For NEMA 3R Panelboard, Add	*1,421.60*	
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,692.60	951.54
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,931.19	1,084.18
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,187.61	1,084.18
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,407.33	1,199.52
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,638.21	1,199.52
		For NEMA 3R Panelboard, Add	*1,563.37*	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	7,348.62	1,418.66
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	7,629.96	1,418.66
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	7,835.90	1,551.29
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	8,151.06	1,551.29
		For NEMA 3R Panelboard, Add	*1,846.71*	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	8,376.46	1,695.47
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	8,609.75	1,695.47
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	10,205.24	1,888.08
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	12,419.72	2,266.38
		For NEMA 3R Panelboard, Add	*1,922.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			634.32
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			730.27
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			996.17
		For Door-In-Door (Hinged) Trim Front, Add			*114.24*
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,150.16
		For Door-In-Door (Hinged) Trim Front, Add			*195.10*
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,301.87
		For Door-In-Door (Hinged) Trim Front, Add			*249.35*
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,456.78
		For Door-In-Door (Hinged) Trim Front, Add			*114.24*
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,581.91
		For Door-In-Door (Hinged) Trim Front, Add			*195.10*
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,732.69
		For Door-In-Door (Hinged) Trim Front, Add			*249.35*
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,891.02
		For Door-In-Door (Hinged) Trim Front, Add			*114.24*
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			2,015.88
		For Door-In-Door (Hinged) Trim Front, Add			*195.10*
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			2,202.80
		For Door-In-Door (Hinged) Trim Front, Add			*249.35*

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			944.15
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,070.43
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,716.46
		For Door-In-Door (Hinged) Trim Front, Add			*114.24*
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,906.67
		For Door-In-Door (Hinged) Trim Front, Add			*195.10*
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			2,085.77
		For Door-In-Door (Hinged) Trim Front, Add			*249.35*
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			3,609.52
		For Door-In-Door (Hinged) Trim Front, Add			*114.24*
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			3,824.76
		For Door-In-Door (Hinged) Trim Front, Add			*195.10*
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			4,018.72
		For Door-In-Door (Hinged) Trim Front, Add			*249.35*

26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,278.46
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,367.04
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,617.60
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard			1,768.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,908.58	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,182.50	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,299.66	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,443.08	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,657.84	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,778.17	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,953.66	

26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,580.92	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,699.23	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,456.90	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,632.39	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,800.45	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,308.86	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,516.74	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,708.87	

26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	715.27	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	841.50	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	947.83	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,074.34	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,236.82	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,370.00	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,579.88	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,702.81	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,838.73	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,027.60	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,237.14	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,644.53	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,106.72	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,248.46	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,434.69	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,123.23	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,299.53	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,464.99	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,407.90	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,608.33	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,774.49	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,359.40	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,478.27	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,576.63	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,695.78	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,855.19	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,976.71	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,305.61	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,420.56	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,549.11	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,794.42	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,989.86	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,397.24	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,743.49	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,877.25	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,059.19	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,863.68	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,025.25	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,179.67	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,750.40	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,957.20	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,134.16	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,023.25	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,123.74	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,552.80	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,731.93	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,886.94	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,884.64	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,986.84	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,158.87	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,287.60	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,452.15	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,678.32	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,093.34	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,159.40	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,344.61	
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,471.41	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,725.47	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,541.85	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,699.18	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,902.37	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,031.77	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,245.87	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,439.49	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,645.30	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,745.79	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,160.12	
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,446.00	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,588.73	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,586.44	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,670.24	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,815.88	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,005.96	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0295		EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,155.49	
26 24 16 00-0296		EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,349.39	
26 24 16 00-0297			Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0298		EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,847.89	
26 24 16 00-0299		EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,913.95	
26 24 16 00-0300		EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,957.45	
26 24 16 00-0301		EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,078.74	
26 24 16 00-0302		EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,439.54	
26 24 16 00-0303		EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,243.65	
26 24 16 00-0304		EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,382.58	
26 24 16 00-0305		EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,559.39	
26 24 16 00-0306		EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,688.78	
26 24 16 00-0307		EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,886.04	
26 24 16 00-0308		EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,077.11	
26 24 16 00-0309			480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)* Note: As manufactured by Square D or equal.		
26 24 16 00-0310			Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0311		EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,064.97	
26 24 16 00-0312		EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,166.07	
26 24 16 00-0313		EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,349.65	
			For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0314		EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,614.19	
			For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0315		EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,794.67	
			For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0316		EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,948.49	
			For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0317		EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,965.75	
			For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0318		EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,087.45	
			For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0319		EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,258.16	
			For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0320		EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,387.09	
			For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0321		EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,552.46	
			For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0322		EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,779.49	
			For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0323			Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0324		EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,308.05	
26 24 16 00-0325		EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,374.72	
26 24 16 00-0326		EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,573.50	
			For Door-In-Door (Hinged) Trim Front, Add	*114.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,639.75	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,767.07	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,020.48	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,888.04	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,047.27	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,248.32	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,446.60	
		For Door-In-Door (Hinged) Trim Front, Add	*114.24*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,662.74	
		For Door-In-Door (Hinged) Trim Front, Add	*195.10*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,856.26	
		For Door-In-Door (Hinged) Trim Front, Add	*249.35*	

26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,687.02	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,788.12	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,962.49	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,221.51	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,508.73	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,650.29	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,669.39	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,770.84	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,915.17	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,105.45	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,255.49	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,449.39	

26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,915.37	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,982.04	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,287.56	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,252.60	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,374.40	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,734.55	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,589.83	
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,730.67	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,905.33	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,103.61	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,302.58	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,493.03	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0362		600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)* Note: Square D I-Line or equal.		
26 24 16 00-0363		Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*		
26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,833.48	342.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.79*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,140.98	342.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.74*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,372.54	342.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.74*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,724.14	563.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*337.86*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,903.36	563.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*337.86*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,100.03	563.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*337.86*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,363.80	748.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*449.11*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,536.50	750.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*450.49*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,606.47	748.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*449.11*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,175.06	748.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*449.11*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,457.00	1,126.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*675.73*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,844.00	1,126.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*675.73*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,160.41	1,126.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*675.73*	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,546.61	1,126.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*675.73*	
26 24 16 00-0378		Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*		
26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,510.92	350.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.14*	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,602.61	397.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.36*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,826.24	397.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.36*	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,484.44	397.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.36*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,166.82	651.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*390.74*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,536.67	652.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*391.78*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,840.89	651.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*390.74*	
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,066.34	870.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*522.37*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,503.48	867.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*520.52*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,939.64	867.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*520.52*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0389		**Residential Lighting And Power Panelboards** *(26 24 16 00-0001)* See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390		**Residential Type Unassembled Load Center** *(26 24 16 00-0389)* Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391		**Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt** *(26 24 16 00-0390)*		
26 24 16 00-0392	EA	30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	154.13	57.66
26 24 16 00-0393	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	519.00	230.68
26 24 16 00-0394	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	783.34	329.28
26 24 16 00-0395	EA	125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,673.75	692.14
26 24 16 00-0396	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,830.03	749.69
26 24 16 00-0397		**Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)* Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.		
26 24 16 00-0398	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	213.73	63.44
26 24 16 00-0399	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	380.13	69.20
26 24 16 00-0400		**Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0401	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	217.28	63.44
26 24 16 00-0402	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	242.27	69.20
26 24 16 00-0403	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	854.43	329.28
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,938.22	749.69
26 24 16 00-0405		**Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)* Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0406	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	267.82	63.44
26 24 16 00-0407	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	1,871.73	692.14
26 24 16 00-0408		**Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt** *(26 24 16 00-0390)*		
26 24 16 00-0409	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,010.67	692.14
26 24 16 00-0410	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,182.41	749.69
26 24 16 00-0411	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,584.01	1,153.38
26 24 16 00-0412		**Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)* Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
26 24 16 00-0413	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	2,908.29	692.14
26 24 16 00-0414	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,171.99	749.69
26 24 16 00-0415	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	8,339.30	1,153.38
26 24 16 00-0416		**Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0417	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,111.13	692.14
26 24 16 00-0418	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,353.95	749.69
26 24 16 00-0419		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)* Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,074.90	692.14
26 24 16 00-0421	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,190.07	749.69
26 24 16 00-0422		**Residential Type Assembled Load Center** *(26 24 16 00-0389)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0423		Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	783.81	329.28
26 24 16 00-0425	EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	953.24	384.65
26 24 16 00-0426	EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	800.81	329.28
26 24 16 00-0427	EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	957.88	384.65
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,387.05	512.68
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,637.13	615.33
26 24 16 00-0430	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,872.55	709.90
26 24 16 00-0431	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,062.49	768.50
26 24 16 00-0432	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,087.24	1,153.38
26 24 16 00-0433	EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,447.32	512.68
26 24 16 00-0434	EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,694.31	615.33
26 24 16 00-0435	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,929.73	709.90
26 24 16 00-0436	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,116.58	768.50
26 24 16 00-0437	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,264.97	1,153.38
26 24 16 00-0438	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,791.73	1,281.52
26 24 16 00-0439	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,977.19	1,281.52
26 24 16 00-0440		Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,039.79	384.65
26 24 16 00-0442	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,550.57	576.69
26 24 16 00-0443	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,090.79	384.65
26 24 16 00-0444	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,596.94	576.69
26 24 16 00-0445	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,960.64	709.90
26 24 16 00-0446	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,140.57	768.96
26 24 16 00-0447	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,618.75	923.04
26 24 16 00-0448	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,149.06	1,153.38
26 24 16 00-0449	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,014.74	709.90
26 24 16 00-0450	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,201.58	768.50
26 24 16 00-0451	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,826.21	922.35
26 24 16 00-0452	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,357.70	1,153.38
26 24 16 00-0453	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,838.10	1,281.52
26 24 16 00-0454	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,023.55	1,281.52
26 24 16 00-0455		Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456	EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,033.61	384.65
26 24 16 00-0457	EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,528.94	576.69
26 24 16 00-0458	EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,763.86	615.33
26 24 16 00-0459	EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,023.16	710.25
26 24 16 00-0460	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,225.58	768.96
26 24 16 00-0461	EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,947.20	1,025.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0462	EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,779.31	615.33
26 24 16 00-0463	EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,053.37	709.90
26 24 16 00-0464	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,232.49	768.50
26 24 16 00-0465	EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,862.20	1,025.35
26 24 16 00-0466	EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,383.59	1,281.52
26 24 16 00-0467	EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,692.69	1,281.52
26 24 16 00-0468		Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,658.32	768.96
26 24 16 00-0470	EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,643.62	1,153.38
26 24 16 00-0471	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,750.24	768.50
26 24 16 00-0472	EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,736.34	1,153.38
26 24 16 00-0473		Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*		
26 24 16 00-0474		Midget Finger-Safe Fuse Holders *(26 24 16 00-0473)*		
		Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475	EA	1 Pole Midget Finger-Safe Fuse Holder	73.35	20.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 24 16 00-0476	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	86.23	20.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 24 16 00-0477	EA	2 Pole Midget Finger-Safe Fuse Holder	118.20	31.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 24 16 00-0478	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	151.84	31.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 24 16 00-0479	EA	3 Pole Midget Finger-Safe Fuse Holder	173.50	41.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 16 00-0480	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	218.17	41.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 16 00-0481	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	255.55	41.53
		Note: With indicators.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 16 00-0482	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	206.00	41.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 24 16 00-0483	EA	4 Pole Midget Finger-Safe Fuse Holder	218.49	51.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 24 16 00-0484	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	267.56	51.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 24 16 00-0485	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder	86.28	20.76
		Note: With indicator.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 24 16 00-0486	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder	93.12	20.76
		Note: With indicator.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 24 16 00-0487	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder	87.54	20.76
		Note: With indicator.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 24 16 00-0488		Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*		
		Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0489	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers	1,447.95	
		Note: Includes removal and reinstallation of main wiring to panelboard.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*432.52*	
26 24 16 00-0490	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	76.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.49*	
26 24 16 00-0491	EA	Panelboard Filler Plate, Fits 1" Opening	5.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.08*	
26 24 19		**Motor-Control Centers** *(26 24)*		
26 24 19 00-0001		Combination Starters With Molded Case Circuit Breakers *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002		230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,333.81	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,764.07	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,113.75	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	7,458.19	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	15,022.13	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	25,274.24	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0009		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,333.81	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,764.07	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,113.75	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	7,458.19	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	15,022.13	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	25,274.24	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0016		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 1-Speed reversing.		
26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,382.02	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,507.39	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	6,461.11	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	11,304.58	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	22,250.78	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	38,345.76	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0023		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 1-Speed reversing.		
26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,382.02	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,507.39	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	6,461.11	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	11,304.58	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	22,250.78	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	38,345.76	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,114.73	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,659.26	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	8,331.94	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	14,889.30	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	24,665.68	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,114.73	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,659.26	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	8,331.94	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	14,889.30	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	24,665.68	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,752.24	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,072.39	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,681.24	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	18,186.78	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	31,509.21	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,752.24	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,072.39	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,681.24	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	18,186.78	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	31,509.21	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,027.97	110.64
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	10,759.97	121.17
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	18,135.70	136.99
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	28,053.68	158.05
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	47,992.84	210.74
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,027.97	110.64
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	10,759.97	121.17
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	18,135.70	136.99
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	28,053.68	158.05
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	47,992.84	210.74
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	4,800.95	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,201.64	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	10,902.99	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	18,581.81	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	25,527.16	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0072		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	4,800.95	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,201.64	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	10,902.99	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	18,581.81	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	25,527.16	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0078		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	19,830.16	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	21,037.08	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	23,230.60	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	35,171.69	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	47,967.19	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	65,094.82	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0085		480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	19,830.16	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	21,037.08	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	23,230.60	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	35,171.69	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	47,967.19	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	65,094.82	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0092		Combination Starters With Current Limiting Circuit Breakers *(26 24 19)*		
		Note: Includes NEMA 1 enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,122.18	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,552.45	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,492.85	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	10,120.90	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	18,117.90	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	29,531.48	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0100		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,122.18	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,552.45	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,492.85	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	10,120.90	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	18,117.90	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	29,531.48	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0107		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,163.73	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,280.22	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	7,809.13	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	13,931.77	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	25,284.36	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	

26 24 19 00-0113 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed reversing.

26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,163.73	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,280.22	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	7,809.13	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	13,931.77	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	25,284.36	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	

26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,883.12	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,416.55	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	9,657.74	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	17,485.39	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	27,674.84	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	

26 24 19 00-0125 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	4,883.12	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,416.55	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	9,657.74	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	17,485.39	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	27,674.84	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	

26 24 19 00-0131 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,626.01	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	7,932.25	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	11,126.83	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	20,888.76	205.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.28*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	34,627.01	242.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.42*	

26 24 19 00-0137 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,626.01	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	7,932.25	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	11,126.83	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	20,888.76	205.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.28*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	24,627.01	242.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.42*	
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	7,774.16	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	12,518.83	121.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.71*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	21,158.19	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	32,053.31	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	52,738.65	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	7,774.16	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	12,518.83	121.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.71*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	21,158.19	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	32,053.31	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	52,738.65	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	5,569.34	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	6,954.49	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	12,219.92	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	21,642.05	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	31,927.46	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	5,569.34	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	6,954.49	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	12,219.92	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	21,642.05	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	31,927.46	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0167		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, energy saving		
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	20,467.52	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	21,667.78	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	23,839.09	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	35,675.81	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	48,358.05	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	67,775.31	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	

26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	20,467.57	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.20*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	21,667.78	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	23,839.09	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	35,675.81	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	48,358.05	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	67,775.31	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,076.20	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,864.01	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,828.84	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,517.50	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	13,827.35	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	24,663.53	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,076.20	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,864.01	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,828.84	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,517.50	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	13,827.35	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	24,663.53	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	

26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,353.15	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	4,995.96	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	7,993.45	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,027.91	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,043.32	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	34,070.76	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	

26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,353.15	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	4,995.96	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	7,993.45	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,027.91	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,043.32	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	34,070.76	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0210		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,928.18	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,401.65	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,498.50	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,178.00	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,179.33	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	
26 24 19 00-0216		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,928.18	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,401.65	179.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.48*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,498.50	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.80*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,178.00	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,179.33	252.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.74*	
26 24 19 00-0222		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,481.30	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	6,832.55	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	9,836.70	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	19,825.72	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0227		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,481.30	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	6,832.55	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	9,836.70	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.55*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	19,825.72	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0232		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,785.91	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	11,979.18	121.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.71*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	19,956.74	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	26,645.70	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	44,763.82	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0238		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,785.91	110.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.38*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	11,979.18	121.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	19,956.74	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	26,645.70	158.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.84*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	44,763.82	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0244		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,829.82	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,392.63	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,174.58	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,276.27	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0249		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,829.82	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,392.63	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,174.58	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,276.27	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0254		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,827.94	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,037.08	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,230.60	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	35,171.69	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	47,967.19	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	65,094.82	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0261		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,827.94	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.19*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,037.08	168.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.15*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,230.60	194.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.96*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	35,171.69	216.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.60*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	47,967.19	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	65,094.82	337.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.32*	
26 24 19 00-0268		**Starter Accessories** *(26 24 19)*		
		Note: Additional options or accessories for the Combination Starters		
26 24 19 00-0269		**Starter Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	174.56	
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	346.44	
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	495.23	
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	124.36	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	175.44	
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	295.36	
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	73.29	
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	62.18	
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	112.60	
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	139.22	
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	272.29	
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	139.22	
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	159.69	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	192.45	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	227.25	
26 24 19 00-0285	EA	Blank Devices Panel	42.99	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	67.56	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	594.62	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	539.34	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	798.45	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	67.56	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	96.22	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	67.56	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	96.22	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	96.22	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	139.22	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	345.99	
26 24 19 00-0297	EA	Heater Module	73.85	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	458.77	
26 24 19 00-0299	EA	JAM - Jam Protection Module	525.90	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	998.10	
26 24 19 00-0301	EA	ULM - Underload Module	478.91	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	105.18	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	196.93	
26 24 19 00-0304	EA	Type SIS Control Wire	82.80	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	105.18	
26 24 19 00-0306	EA	Ring Terminals Power	105.18	
26 24 19 00-0307	EA	14 Gauge Control Wire	82.80	
26 24 19 00-0308	EA	Wiremakers	105.18	
26 24 19 00-0309	EA	Wiring Diagram On Door	62.66	
26 24 19 00-0310	EA	Special Color Or Type Control Wire	76.09	
26 24 19 00-0311	EA	Current Transformer 12.5 VA	597.52	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	1,908.92	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,148.37	

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays	496.45	
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays	587.80	
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays	689.70	
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays	768.29	
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	656.53	
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays	1,710.80	
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays	2,153.28	
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	603.81	
26 24 19 00-0323	EA	Phase Voltage, Control Relays	1,027.12	
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays	1,437.65	
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	140.57	
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	4,269.89	
26 24 19 00-0327	EA	UV-Relay, Control Relays	3,616.43	
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	3,616.43	
26 24 19 00-0329	EA	Teleductor, Control Relays	1,059.07	
26 24 19 00-0330	EA	Current Transducer, Control Relays	2,848.14	
26 24 19 00-0331	EA	Watt Transducer, Control Relays	5,696.29	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	193.28	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	289.13	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	325.87	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	362.61	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	325.87	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	362.61	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	381.78	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker	340.78	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	117.71	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	423.36	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker	1,951.65	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker	1,130.55	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,451.34	68.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,513.96	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	2,423.81	68.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	3,484.39	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	4,475.28	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	2,765.58	136.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.20*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	4,485.93	147.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.53*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	5,917.14	189.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.75*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	6,961.19	289.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.92*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	9,858.86	437.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*262.58*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	21,608.63	579.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.42*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	32,287.25	727.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*435.83*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	53,863.01	842.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*506.21*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,744.11	68.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	2,798.54	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,744.11	68.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	2,798.54	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	2,966.35	68.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.09*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	4,061.73	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	5,040.34	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	2,657.27	105.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	6,731.89	289.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.92*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	6,731.89	289.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.92*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	9,066.87	316.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.59*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	11,321.86	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.18*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	13,028.10	437.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*262.58*	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0373	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	1,790.69	105.37
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	2,773.12	105.37
26 24 19 00-0375	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	2,511.36	131.71
26 24 19 00-0376	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	4,081.18	158.05
26 24 19 00-0377	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	8,039.01	200.20
26 24 19 00-0378	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	11,275.22	263.42
26 24 19 00-0379	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	27,408.53	352.99
26 24 19 00-0380	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	30,928.11	489.98

26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,396.26	
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,441.30	
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,488.39	
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,707.45	
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	1,850.77	
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,401.25	
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	2,518.19	
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	2,837.57	
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	6,596.42	
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	3,500.90	
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	4,850.07	
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	7,558.66	
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	6,999.74	
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	9,700.14	
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	11,480.36	
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	15,902.43	

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	659.23	
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	1,441.30	
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	593.72	
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	1,441.30	
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	800.50	
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	849.63	
26 24 19 00-0405	EA	Add For Additional Circuits	123.08	
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	2,972.69	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	3,113.95	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	2,745.44	
26 24 19 00-0409	EA	Add For Demand Attachment	805.64	
26 24 19 00-0410	EA	800 Amperes, Metering Equipment, Current Transformer	820.97	
26 24 19 00-0411	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,416.74	
26 24 19 00-0412	EA	2,000 Amperes, Metering Equipment, Current Transformer	1,650.13	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	1,375.79	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	1,480.20	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	1,132.16	

26 24 19 00-0416 Current Limiting Reactors *(26 24 19 00-0268)*

26 24 19 00-0417	EA	600 Amperes, Current Limiting Reactors	25,269.92	
26 24 19 00-0418	EA	800 Amperes, Current Limiting Reactors	36,800.35	
26 24 19 00-0419	EA	1,000 Amperes, Current Limiting Reactors	48,357.40	
26 24 19 00-0420	EA	1,200 Amperes, Current Limiting Reactors	73,608.89	

26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only *(26 24 19 00-0268)*

26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	481.91	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	481.91	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	666.24	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,219.21	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	666.24	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	850.56	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	850.56	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,216.99	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	850.56	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,216.99	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,034.88	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,355.60	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,034.88	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,216.99	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,355.60	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,355.60	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,015.35	
26 24 19 00-0439	EA	Throat And Transition To Substation	1,960.12	
26 24 19 00-0440	EA	Service Entrance Label	424.49	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	887.30	
26 24 19 00-0442	EA	600 Amperes, Sub Feed Lugs On Main Bus	534.86	

26 24 19 00-0443 Standard Structures And Structure Options/Modifications *(26 24 19 00-0268)*

26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	280.30	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	280.30	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	867.13	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	978.04	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	83.69	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	225.86	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	47.39	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	203.67	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	651.23	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	203.67	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	420.72	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,002.02	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	6,937.45	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	6,944.17	

26 24 19 00-0458 Installation Hours For Vertical Sections *(26 24 19 00-0268)*

26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	632.20	316.11
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	948.30	474.17
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,053.71	526.86
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,264.56	632.23
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	105.37	52.68
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	632.20	316.11
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	948.30	474.17
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,053.71	526.86
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,264.56	632.23
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	105.37	52.68
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	737.61	368.79
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	948.30	474.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,264.56	632.23
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,475.00	737.49
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	158.05	79.03
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	842.97	421.48
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,159.17	579.54
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,475.00	737.49
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,685.64	842.86
26 24 19 00-0478	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	210.74	105.37
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	842.97	421.48
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,264.56	632.23
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,580.39	790.18
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,791.42	895.76
26 24 19 00-0483	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	210.74	105.37
26 24 19 00-0484		Motor Control Centers *(26 24 19)*		
26 24 19 00-0485		2.4 KV Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	16,721.71	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	16,721.71	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	16,721.71	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	16,774.43	237.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.26*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	17,814.07	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	17,866.73	289.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	17,919.41	316.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.66*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	18,024.82	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.28*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	18,130.18	421.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.89*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	30,537.95	474.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.49*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	32,776.84	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	24,813.00	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	25,849.55	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.93*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	29,367.08	247.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.57*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	32,688.66	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	35,564.46	305.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.36*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	38,966.32	326.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*195.99*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	42,366.17	347.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.62*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	46,399.33	379.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*227.61*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	53,994.67	421.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.89*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	58,499.82	447.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.71*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	89,344.12	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	95,192.04	579.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.75*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	100,282.21	632.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*379.37*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	109,196.82	685.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.02*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	23,411.28	210.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.44*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	23,464.00	237.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.26*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	23,516.66	263.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.06*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	23,569.32	289.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	23,625.99	316.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.66*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	23,678.72	342.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.48*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	23,731.40	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.28*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	23,942.09	474.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	40,802.34	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	40,907.80	579.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.75*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	43,134.71	632.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*379.37*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	9,203.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	9,482.43	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	14,517.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	

26 24 19 00-0525 4.8 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	18,198.56	316.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.66*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	18,251.29	342.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.48*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	18,303.97	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.28*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	18,356.68	395.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.10*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	19,386.35	421.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.89*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	19,439.09	447.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.71*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	19,491.68	474.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.49*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	19,544.45	500.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.32*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	19,597.09	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	33,202.86	685.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.02*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	33,307.80	737.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*442.50*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	35,536.71	790.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*474.12*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	35,641.96	842.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*505.69*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	25,306.86	316.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.66*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	25,638.73	342.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.48*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	29,898.57	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.28*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	33,231.26	395.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.10*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	36,075.39	421.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.89*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	39,487.87	447.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.71*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	42,690.84	474.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.49*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	46,920.86	500.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.32*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	54,350.97	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	59,400.41	553.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.92*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	64,502.55	605.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*363.54*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	68,720.59	632.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*379.37*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	72,699.18	658.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*395.14*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	78,265.26	685.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.02*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	124,061.97	842.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*505.69*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	137,965.62	895.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*537.43*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	165,836.01	948.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*568.98*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	175,416.75	948.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*568.98*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	24,989.56	368.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.28*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	25,042.27	395.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.10*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	25,094.92	421.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	25,147.66	447.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.71*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	27,301.83	474.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.49*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	27,354.60	500.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.32*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	27,407.24	526.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.11*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	27,459.94	553.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.92*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	27,512.70	579.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.75*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	27,828.53	737.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*442.50*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	44,967.91	790.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*474.12*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	47,186.70	842.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*505.69*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	47,186.70	842.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*505.69*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	10,226.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	10,537.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	16,144.85	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.22*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	13,302.01	210.74
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	15,980.02	316.11
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,243.26	
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	233.66	15.80
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,519.01	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	815.03	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,427.31	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	155.45	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	515.22	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	155.45	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	470.81	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,252.52	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,252.52	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	3,746.46	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,582.77	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	502.42	15.80
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	3,618.65	52.68
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	6,919.34	26.34
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,772.38	26.34
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	4,939.30	15.80
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	7,153.72	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	578.76	52.68
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	418.42	52.68

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,240.68	316.02
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,151.26	559.39
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,562.41	716.24
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,119.47	1,153.38
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,855.04	1,268.72
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,307.38	1,407.12
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,338.51	1,649.33
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	12,862.06	1,921.52

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amperes Incoming Section, Main Lugs	963.38	403.68
26 24 19 00-0608	EA	800 Amperes Incoming Section, Main Lugs	1,045.04	403.68
26 24 19 00-0609	EA	1,200 Amperes Incoming Section, Main Lugs	1,459.13	634.35
26 24 19 00-0610	EA	2,000 Amperes Incoming Section, Main Lugs	3,653.18	1,153.38
26 24 19 00-0611	EA	3,000 Amperes Incoming Section, Main Lugs	5,566.42	1,672.39
26 24 19 00-0612	EA	4,000 Amperes Incoming Section, Main Lugs	7,966.54	2,306.76

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 Amperes, Main Circuit Breaker Section	6,815.78	558.12
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 Amperes, Main Circuit Breaker Section	14,540.68	716.94
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 Amperes, Main Circuit Breaker Section	15,040.02	1,116.70
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 Amperes, Main Circuit Breaker Section	21,442.35	1,116.70
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0618	EA	1,200 Amperes, Main Circuit Breaker Section	31,089.90	1,263.53
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amperes, Fusible Main Disconnect Section	5,906.75	558.81
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	400 Amperes, Fusible Main Disconnect Section	8,164.00	717.29
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	600 Amperes, Fusible Main Disconnect Section	15,993.21	1,117.63
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 Amperes, Fusible Main Disconnect Section	18,619.57	1,117.63
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0624	EA	1,200 Amperes, Fusible Main Disconnect Section	26,271.22	1,264.68
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	1,040.18	234.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.49*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,211.39	234.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.87*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,761.49	332.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.86*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	2,879.87	437.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*262.13*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	5,185.71	546.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0632		**Class I, Type B** *(26 24 19 00-0625)*		
26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	986.51	204.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.34*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,151.45	204.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.89*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,690.10	295.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.44*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,807.06	400.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*240.29*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	5,126.98	510.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*310.05*	
26 24 19 00-0638		**Class I, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	1,042.49	189.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.47*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,217.59	189.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.70*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,811.23	282.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.61*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,934.74	391.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.43*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,246.30	501.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.36*	
26 24 19 00-0644		**Class II, Type B** *(26 24 19 00-0625)*		
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,038.77	280.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.43*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,440.00	280.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.90*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,043.65	373.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*223.52*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,345.18	478.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*288.35*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,052.24	584.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.64*	
26 24 19 00-0650		**Class II, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,301.28	265.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.76*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,495.00	265.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.71*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,170.66	362.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.80*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,464.40	467.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*279.95*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,187.53	576.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.40*	
26 24 19 00-0656		**Fused Disconnect Combination Starter** *(26 24 19 00-0484)*		
26 24 19 00-0657		**Class I, Type A** *(26 24 19 00-0656)*		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	948.80	215.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.89*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,431.21	295.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.90*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,276.24	384.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.68*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,113.58	538.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.98*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,459.26	686.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.92*	
26 24 19 00-0663		**Class I, Type B** *(26 24 19 00-0656)*		
26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	966.73	192.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.34*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,301.89	264.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.43*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,926.91	352.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.02*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,224.78	509.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*306.75*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	5,554.61	648.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.66*	
26 24 19 00-0669		**Class I, Type C** *(26 24 19 00-0656)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,023.55	179.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.99*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,375.78	244.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.87*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,095.20	340.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.96*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,391.98	501.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.36*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,254.17	641.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*384.46*	
26 24 19 00-0675		**Class II, Type B** *(26 24 19 00-0656)*		
26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,218.92	269.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.99*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,574.88	336.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.64*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,284.49	433.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,721.62	584.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.64*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,386.62	730.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*436.88*	
26 24 19 00-0681		**Class II, Type C** *(26 24 19 00-0656)*		
26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,266.12	253.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.76*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,648.38	318.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.96*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,425.73	414.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.57*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	3,872.29	570.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.27*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	6,532.29	707.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*424.04*	
26 24 19 00-0687		**Space Complete With Bus And Hardware** *(26 24 19 00-0484)*		
26 24 19 00-0688		**Circuit Breaker Type** *(26 24 19 00-0687)*		
26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	292.51	78.43
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	292.51	78.43
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	434.84	114.19
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	515.04	149.94
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	866.41	228.37
26 24 19 00-0694		**Fused Disconnect Type** *(26 24 19 00-0687)*		
26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	292.51	78.43
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	387.03	114.19
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	538.44	149.94
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	931.69	228.37
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,297.75	332.17
26 24 19 00-0700		**Blank Space For Future Expansion** *(26 24 19 00-0687)*		
		Note: Factory modified no labor costs.		
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	136.23	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	136.23	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	206.54	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	206.54	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	410.89	
26 24 19 00-0706		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0687)*		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	3,428.68	607.02
26 24 19 00-0708		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0484)*		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	5,702.25	1,580.82
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0710		EA	25"-35" Wide Basic Section (No Vertical Wireway)	5,702.25	1,580.82
			For 20" Cabinet Depth, Add	*108.00*	
			For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
			For NEMA 1 With Gasket, Add	*97.00*	
			For NEMA 12, Add	*245.00*	
			For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711		EA	25" Wide Basic Section With 9" Wide Vertical Wireway	6,300.90	1,580.82
			For 20" Cabinet Depth, Add	*108.00*	
			For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
			For NEMA 1 With Gasket, Add	*97.00*	
			For NEMA 12, Add	*245.00*	
			For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712		EA	Corner Section	6,300.90	1,580.82
			For 20" Cabinet Depth, Add	*108.00*	
			For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
			For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
			For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
			For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
			For NEMA 1 With Gasket, Add	*97.00*	
			For NEMA 12, Add	*245.00*	
			For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	

26 24 19 00-0713 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0484)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0714 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0715		EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,485.68	222.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.21*	
26 24 19 00-0716		EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,653.66	246.24
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.74*	
26 24 19 00-0717		EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,870.04	331.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.63*	
26 24 19 00-0718		EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	4,164.29	436.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.89*	
26 24 19 00-0719		EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	9,507.69	545.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.29*	
26 24 19 00-0720		EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	22,261.05	545.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.29*	
26 24 19 00-0721		EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,500.99	192.04
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.22*	
26 24 19 00-0722		EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,692.86	216.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.75*	
26 24 19 00-0723		EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,935.77	295.27
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.15*	
26 24 19 00-0724		EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	4,168.11	400.22
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*240.15*	
26 24 19 00-0725		EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	9,526.50	516.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*310.05*	
26 24 19 00-0726		EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	22,417.09	516.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*310.05*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0728		EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,382.05	277.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.67*	
26 24 19 00-0729		EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,923.46	307.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.44*	
26 24 19 00-0730		EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,820.94	413.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.86*	
26 24 19 00-0731		EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,298.92	546.13
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.67*	
26 24 19 00-0732		EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	14,997.19	683.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.97*	
26 24 19 00-0733		EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,420.68	239.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.93*	
26 24 19 00-0734		EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,986.97	270.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.30*	
26 24 19 00-0735		EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,909.56	369.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.81*	
26 24 19 00-0736		EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,322.34	500.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.36*	
26 24 19 00-0737		EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	15,038.09	646.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*387.91*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,610.93	277.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.67*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,718.44	307.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.44*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,022.77	413.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.86*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,563.87	546.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.67*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,185.72	683.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.97*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,649.56	239.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.93*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,781.95	270.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.30*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,111.40	369.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.81*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,587.29	500.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.36*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,226.62	646.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*387.91*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,197.41	216.49
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,560.44	294.22
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,605.55	383.38
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,397.19	540.01
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	8,848.33	686.49
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	22,465.23	686.49
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,222.67	191.93
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,598.29	263.54
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,682.73	353.39
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,416.04	511.29
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	8,850.40	649.47
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	22,604.63	649.47

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,066.35	271.04
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,879.42	367.81
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,461.37	478.99
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,363.03	676.91
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,243.93	792.14
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,117.54	239.91
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,939.50	329.17
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,563.37	442.21
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,399.61	637.93
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,268.07	747.05

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,411.20	271.04
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,686.61	367.81
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,686.09	478.99
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,826.90	676.91
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	18,581.02	792.14
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,463.41	239.91
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,746.69	329.17
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,788.10	442.21
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,863.48	637.93
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	18,605.16	747.05

26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0786	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	260.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 24 19 00-0787	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	319.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 24 19 00-0788	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	384.59	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 24 19 00-0789	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	500.56	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 24 19 00-0790	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	839.99	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.13*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	149.24	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0792		**Disconnect Switch For Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0793		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0792)* Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	821.46	166.67
26 24 19 00-0795	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,398.46	184.54
26 24 19 00-0796	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,714.63	248.56
26 24 19 00-0797	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	2,814.12	327.56
26 24 19 00-0798	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	4,804.83	409.45
26 24 19 00-0799	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,460.07	409.45
26 24 19 00-0800	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	11,127.84	512.68
26 24 19 00-0801		**Fusible Disconnect Switch For Motor Control Center** *(26 24 19 00-0792)* Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	827.63	162.05
26 24 19 00-0803	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	975.84	220.87
26 24 19 00-0804	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,337.25	282.58
26 24 19 00-0805	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,492.77	404.84
26 24 19 00-0806	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	4,427.92	514.87
26 24 19 00-0807	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	10,165.21	514.87
26 24 19 00-0808	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	12,566.51	643.59
26 24 19 00-0809	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	18,572.35	643.59
26 24 19 00-0810		**Control Circuit Transformer** *(26 24 19 00-0484)*		
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	72.68	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	72.68	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	139.97	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	139.97	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	194.46	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	53.81	13.05
26 24 19 00-0817		**Cover Mounted Control Devices** *(26 24 19 00-0484)*		
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	120.74	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.42*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	135.44	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	114.05	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	308.31	78.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.27*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	372.62	29.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.93*	
26 24 19 00-0823		**Extra Interlocks** *(26 24 19 00-0484)* Note: Per contact.		
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	78.54	14.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	108.92	14.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	121.19	14.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	109.10	14.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	115.36	14.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	909.82	
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	32.30	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	177.39	28.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	167.67	25.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	95.15	25.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0838		Lighting Transformer With Circuit Breaker *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,266.28	370.36
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,475.36	385.18
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,990.72	414.81
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	7,531.09	444.44
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,126.35	474.06
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	12,439.41	533.32
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	16,345.11	592.58
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,546.60	488.87
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,371.87	533.32
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,862.55	592.58
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,584.85	651.83
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	15,183.92	711.09
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	15,666.94	770.35
26 24 19 00-0852		Bolt-On Lighting Panel *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,187.43	600.21
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,401.69	1,044.73
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,518.62	1,413.46
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,285.84	649.47
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,357.23	1,022.47
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	4,695.30	1,501.81
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,717.69	696.18
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	4,934.48	1,117.63
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	6,157.09	1,501.81
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,827.19	750.84
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	4,934.48	1,117.63
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	6,253.97	1,550.25
26 24 19 00-0865		Factory Installed Bolt-On Branch Circuit Breaker *(26 24 19 00-0837)* Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	19.58	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	280.39	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	38.27	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	88.10	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	103.23	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	156.63	
26 24 19 00-0872		Blank Unit Door (BUD) *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	74.77	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	89.73	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	134.59	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	179.45	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	269.18	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	314.04	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	358.90	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001		Plug-In Bus Duct *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0001)*		
26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	559.74	34.60
		For Up To 25, Add	*139.94*	
		For >25 To 50, Add	*83.96*	
		For >50 To 100, Add	*41.98*	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	817.54	34.60
		For Up To 25, Add	*204.39*	
		For >25 To 50, Add	*122.63*	
		For >50 To 100, Add	*61.32*	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,046.10	46.14
		For Up To 25, Add	*261.53*	
		For >25 To 50, Add	*156.92*	
		For >50 To 100, Add	*78.46*	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,475.28	46.14
		For Up To 25, Add	*368.82*	
		For >25 To 50, Add	*221.29*	
		For >50 To 100, Add	*110.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,554.37	57.66
		For Up To 25, Add	*388.59*	
		For >25 To 50, Add	*233.16*	
		For >50 To 100, Add	*116.58*	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,202.44	57.66
		For Up To 25, Add	*550.61*	
		For >25 To 50, Add	*330.37*	
		For >50 To 100, Add	*165.18*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,595.94	60.55
		For Up To 25, Add	*648.99*	
		For >25 To 50, Add	*389.39*	
		For >50 To 100, Add	*194.70*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	3,188.26	62.28
		For Up To 25, Add	*797.07*	
		For >25 To 50, Add	*478.24*	
		For >50 To 100, Add	*239.12*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	3,961.49	65.74
		For Up To 25, Add	*990.37*	
		For >25 To 50, Add	*594.22*	
		For >50 To 100, Add	*297.11*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	4,572.28	76.70
		For Up To 25, Add	*1,143.07*	
		For >25 To 50, Add	*685.84*	
		For >50 To 100, Add	*342.92*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	5,303.66	83.62
		For Up To 25, Add	*1,325.92*	
		For >25 To 50, Add	*795.55*	
		For >50 To 100, Add	*397.77*	

26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	975.39	34.60
		For Up To 25, Add	*243.85*	
		For >25 To 50, Add	*146.31*	
		For >50 To 100, Add	*73.15*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,432.13	34.60
		For Up To 25, Add	*358.03*	
		For >25 To 50, Add	*214.82*	
		For >50 To 100, Add	*107.41*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,619.43	46.14
		For Up To 25, Add	*404.86*	
		For >25 To 50, Add	*242.91*	
		For >50 To 100, Add	*121.46*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,075.72	46.14
		For Up To 25, Add	*518.93*	
		For >25 To 50, Add	*311.36*	
		For >50 To 100, Add	*155.68*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,546.23	57.66
		For Up To 25, Add	*636.56*	
		For >25 To 50, Add	*381.93*	
		For >50 To 100, Add	*190.97*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,328.33	57.66
		For Up To 25, Add	*832.08*	
		For >25 To 50, Add	*499.25*	
		For >50 To 100, Add	*249.62*	
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	4,323.83	59.75
		For Up To 25, Add	*1,080.96*	
		For >25 To 50, Add	*648.57*	
		For >50 To 100, Add	*324.29*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	5,230.64	62.28
		For Up To 25, Add	*1,307.66*	
		For >25 To 50, Add	*784.60*	
		For >50 To 100, Add	*392.30*	
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	6,514.69	65.16
		For Up To 25, Add	*1,628.67*	
		For >25 To 50, Add	*977.20*	
		For >50 To 100, Add	*488.60*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	7,518.34	76.70
		For Up To 25, Add	*1,879.59*	
		For >25 To 50, Add	*1,127.75*	
		For >50 To 100, Add	*563.88*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	8,727.92	83.62
		For Up To 25, Add	*2,181.98*	
		For >25 To 50, Add	*1,309.19*	
		For >50 To 100, Add	*654.59*	

26 25 13 00-0026 Cable Tap Boxes *(26 25 13 00-0001)*

26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*

26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	4,933.10	161.48
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	5,032.89	161.48
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	5,400.59	219.14
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	5,702.46	219.14
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	6,083.19	288.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	6,652.74	288.34
26 25 13 00-0034		**277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	5,032.89	317.18
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	5,413.82	317.18
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	5,727.75	432.51
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	6,426.72	432.51
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	6,701.45	576.69
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	7,645.00	576.69
26 25 13 00-0041		**Bus Duct Plug-In Circuit Breaker** *(26 25 13 00-0001)*		
26 25 13 00-0042		**240 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,125.01	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.10*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	4,420.71	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.00*	
26 25 13 00-0045		**600 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	4,361.04	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.10*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	5,651.74	115.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.00*	
26 25 13 00-0048		**120/208 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	2,449.55	138.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.09*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	2,909.02	138.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.11*	
26 25 13 00-0051		**277/480 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,848.95	138.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.09*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	4,473.04	138.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.11*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	6,205.78	478.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.44*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	15,004.76	478.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*450.54*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	16,228.69	1,384.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*626.84*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	18,896.40	1,384.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,109.02*	
26 25 13 00-0058		**Bus Duct Plug-In Fusible Switch** *(26 25 13 00-0001)*		
26 25 13 00-0059		**240 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,119.52	115.34
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,299.25	115.34
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,218.14	138.40
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	5,397.40	276.81
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	13,888.06	622.83
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	20,305.41	1,084.18
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,239.21	126.87
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,412.61	126.87
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,272.41	126.87
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	5,578.68	265.28
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	13,857.25	599.75
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	20,523.86	1,153.38
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	34,662.95	1,499.39
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,465.10	149.94
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,605.22	149.94
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,527.60	149.94
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	5,992.53	311.41
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,158.37	692.03
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	21,956.12	1,061.10
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,556.95	149.94
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,697.07	127.22
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,789.53	173.00
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,269.95	311.41
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,158.37	692.03
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	21,956.12	1,061.10
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	35,512.92	1,407.12

26 25 13 00-0089 Non-Segregated Bus Duct *(26 25 13)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 13 00-0090 600 Volt, 3 Phase, 3 Wire, Totally Enclosed Non-Ventilated, Copper Conductors *(26 25 13 00-0089)*

Note: Hazardous or seismic locations.

26 25 13 00-0091	LF	1,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	3,415.35	48.44
		For Up To 25, Add	*853.84*	
		For >25 To 50, Add	*512.30*	
		For >50 To 100, Add	*256.15*	
26 25 13 00-0092	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	3,795.07	51.90
		For Up To 25, Add	*948.77*	
		For >25 To 50, Add	*569.26*	
		For >50 To 100, Add	*284.63*	
26 25 13 00-0093	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,075.04	59.98
		For Up To 25, Add	*1,268.76*	
		For >25 To 50, Add	*761.26*	
		For >50 To 100, Add	*380.63*	
26 25 13 00-0094	LF	2,500 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,628.87	71.51
		For Up To 25, Add	*1,407.22*	
		For >25 To 50, Add	*844.33*	
		For >50 To 100, Add	*422.17*	
26 25 13 00-0095	LF	3,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	7,837.70	83.04
		For Up To 25, Add	*1,959.43*	
		For >25 To 50, Add	*1,175.66*	
		For >50 To 100, Add	*587.83*	
26 25 13 00-0096	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	11,308.96	103.80
		For Up To 25, Add	*2,827.24*	
		For >25 To 50, Add	*1,696.34*	
		For >50 To 100, Add	*848.17*	
26 25 13 00-0097	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	12,277.58	123.41
		For Up To 25, Add	*3,069.40*	
		For >25 To 50, Add	*1,841.64*	
		For >50 To 100, Add	*920.82*	
26 25 13 00-0098	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	13,925.67	143.02
		For Up To 25, Add	*3,481.42*	
		For >25 To 50, Add	*2,088.85*	
		For >50 To 100, Add	*1,044.43*	

26 25 13 00-0099 600 Volt, 3 Phase, 4 Wire, Totally Enclosed Non-Ventilated, Copper Conductors *(26 25 13 00-0089)*

Note: Hazardous or seismic locations.

26 25 13 00-0100	LF	1,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	4,410.21	48.44
		For Up To 25, Add	*1,102.55*	
		For >25 To 50, Add	*661.53*	
		For >50 To 100, Add	*330.77*	
26 25 13 00-0101	LF	1,600 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	4,901.49	51.90
		For Up To 25, Add	*1,225.37*	
		For >25 To 50, Add	*735.22*	
		For >50 To 100, Add	*367.61*	
26 25 13 00-0102	LF	2,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	6,560.80	59.98
		For Up To 25, Add	*1,640.20*	
		For >25 To 50, Add	*984.12*	
		For >50 To 100, Add	*492.06*	
26 25 13 00-0103	LF	2,500 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	7,274.55	71.51
		For Up To 25, Add	*1,818.64*	
		For >25 To 50, Add	*1,091.18*	
		For >50 To 100, Add	*545.59*	
26 25 13 00-0104	LF	3,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	10,137.94	83.04
		For Up To 25, Add	*2,534.49*	
		For >25 To 50, Add	*1,520.69*	
		For >50 To 100, Add	*760.35*	
26 25 13 00-0105	LF	4,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	14,637.51	103.80
		For Up To 25, Add	*3,659.38*	
		For >25 To 50, Add	*2,195.63*	
		For >50 To 100, Add	*1,097.81*	
26 25 13 00-0106	LF	5,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	15,886.92	123.41
		For Up To 25, Add	*3,971.73*	
		For >25 To 50, Add	*2,383.04*	
		For >50 To 100, Add	*1,191.52*	
26 25 13 00-0107	LF	6,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	18,016.63	143.02
		For Up To 25, Add	*4,504.16*	
		For >25 To 50, Add	*2,702.49*	
		For >50 To 100, Add	*1,351.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16		**Low-Voltage Cablebus Systems** *(26 25)*		
26 25 16 00-0001		Feeder Bus Duct *(26 25 16)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 16 00-0002		600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)* Note: Copper conductors.		
26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,818.85	48.44
		For Up To 25, Add	*454.71*	
		For >25 To 50, Add	*272.83*	
		For >50 To 100, Add	*136.41*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,836.30	48.44
		For Up To 25, Add	*459.08*	
		For >25 To 50, Add	*275.45*	
		For >50 To 100, Add	*137.72*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,427.48	48.44
		For Up To 25, Add	*606.87*	
		For >25 To 50, Add	*364.12*	
		For >50 To 100, Add	*182.06*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,930.69	48.44
		For Up To 25, Add	*732.67*	
		For >25 To 50, Add	*439.60*	
		For >50 To 100, Add	*219.80*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,592.22	48.44
		For Up To 25, Add	*898.06*	
		For >25 To 50, Add	*538.83*	
		For >50 To 100, Add	*269.42*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,896.31	115.34
		For Up To 25, Add	*1,224.08*	
		For >25 To 50, Add	*734.45*	
		For >50 To 100, Add	*367.22*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	6,799.07	115.34
		For Up To 25, Add	*1,699.77*	
		For >25 To 50, Add	*1,019.86*	
		For >50 To 100, Add	*509.93*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	8,042.98	115.34
		For Up To 25, Add	*2,010.75*	
		For >25 To 50, Add	*1,206.45*	
		For >50 To 100, Add	*603.22*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	9,930.32	115.34
		For Up To 25, Add	*2,482.58*	
		For >25 To 50, Add	*1,489.55*	
		For >50 To 100, Add	*744.77*	
26 25 16 00-0012		277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)* Note: Low impedance, copper conductors.		
26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,100.17	51.90
		For Up To 25, Add	*525.04*	
		For >25 To 50, Add	*315.03*	
		For >50 To 100, Add	*157.51*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,121.24	51.90
		For Up To 25, Add	*530.31*	
		For >25 To 50, Add	*318.19*	
		For >50 To 100, Add	*159.09*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,751.08	51.90
		For Up To 25, Add	*687.77*	
		For >25 To 50, Add	*412.66*	
		For >50 To 100, Add	*206.33*	
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,262.84	51.90
		For Up To 25, Add	*815.71*	
		For >25 To 50, Add	*489.43*	
		For >50 To 100, Add	*244.71*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,949.46	51.90
		For Up To 25, Add	*987.37*	
		For >25 To 50, Add	*592.42*	
		For >50 To 100, Add	*296.21*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	6,096.03	88.81
		For Up To 25, Add	*1,524.01*	
		For >25 To 50, Add	*914.40*	
		For >50 To 100, Add	*457.20*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	7,650.03	88.81
		For Up To 25, Add	*1,912.51*	
		For >25 To 50, Add	*1,147.50*	
		For >50 To 100, Add	*573.75*	
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	9,046.71	164.93
		For Up To 25, Add	*2,261.68*	
		For >25 To 50, Add	*1,357.01*	
		For >50 To 100, Add	*678.50*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	11,189.00	164.93
		For Up To 25, Add	*2,797.25*	
		For >25 To 50, Add	*1,678.35*	
		For >50 To 100, Add	*839.18*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R.

26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	250.12	74.97
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	264.47	74.97
26 27 13 00-0005	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	342.35	92.27
26 27 13 00-0006	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	346.43	92.27
26 27 13 00-0007	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	655.65	103.80
26 27 13 00-0008	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	867.62	115.34
26 27 13 00-0009	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,113.92	126.87
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,508.76	576.69

26 27 13 00-0011 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand.

26 27 13 00-0012	EA	100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	240.41	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.19*	
26 27 13 00-0013	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	669.18	23.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.44*	

26 27 13 00-0014 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0015	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	521.11	149.94

26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0017 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	933.36	72.09
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,226.81	86.50
26 27 13 00-0020	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,518.71	100.92
26 27 13 00-0021	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,759.55	115.34
26 27 13 00-0022	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,286.66	129.75
26 27 13 00-0023	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,470.23	144.17
26 27 13 00-0024	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,883.82	173.00

26 27 13 00-0025 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0026	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	1,707.08	72.09
26 27 13 00-0027	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,246.58	86.50
26 27 13 00-0028	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,093.46	115.34
26 27 13 00-0029	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,431.76	129.75
26 27 13 00-0030	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,311.68	144.17

26 27 13 00-0031 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,427.41	100.92
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,870.97	115.34
26 27 13 00-0034	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,286.66	129.75
26 27 13 00-0035	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,686.87	144.17
26 27 13 00-0036	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,381.11	158.59
26 27 13 00-0037	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,549.22	173.00
26 27 13 00-0038	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,396.08	201.84

26 27 13 00-0039 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0040	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,198.04	100.92
26 27 13 00-0041	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,876.80	115.34
26 27 13 00-0042	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,048.62	144.17
26 27 13 00-0043	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,340.52	158.59
26 27 13 00-0044	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,545.38	173.00

26 27 13 00-0045 120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0046 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0045)*

26 27 13 00-0047	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,017.90	86.50
26 27 13 00-0048	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,328.38	100.92
26 27 13 00-0049	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,637.30	115.34
26 27 13 00-0050	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,899.80	129.75
26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,330.96	144.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,514.54	158.59
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,098.35	187.43
26 27 13 00-0054		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,797.82	86.50
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,368.27	100.92
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,416.29	129.75
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,754.61	144.17
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,541.72	158.59
26 27 13 00-0060		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,511.98	115.34
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,961.71	129.75
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,423.84	144.17
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,824.06	158.59
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,549.26	173.00
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,717.33	187.43
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,626.11	216.26
26 27 13 00-0068		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,304.27	115.34
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,029.45	129.75
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,340.55	158.59
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,539.58	173.00
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,759.95	187.43
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0075		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	933.36	72.09
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,226.81	86.50
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,759.55	115.34
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,286.66	129.75
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,826.14	144.17
26 27 13 00-0081		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,707.08	72.09
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,246.57	86.50
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,248.19	115.34
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,586.51	129.75
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,311.68	144.17
26 27 13 00-0087		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,427.41	100.92
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,870.97	115.34
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,686.87	144.17
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,381.11	158.59
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,549.22	173.00
26 27 13 00-0093		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,198.05	100.92
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,876.80	115.34
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,048.62	144.17
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,340.52	158.59
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,545.42	173.00
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0100		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,017.90	86.50
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,328.38	100.92
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,899.80	129.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,485.70	144.17
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,824.03	158.59
26 27 13 00-0106		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,797.81	86.50
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,368.26	100.92
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,261.54	129.75
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,599.86	144.17
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,541.69	158.59
26 27 13 00-0112		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,511.96	115.34
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,961.69	129.75
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,824.03	158.59
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,549.22	173.00
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,717.33	187.43
26 27 13 00-0118		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,304.25	115.34
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,029.43	129.75
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,340.52	158.59
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,539.58	173.00
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,759.95	187.43
26 27 13 00-0124		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,000.99	69.20
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,022.45	138.40
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,613.59	103.80
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,967.00	103.80
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,665.50	103.80
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,124.13	95.73
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,923.40	173.00
26 27 13 00-0132		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0134	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	4,971.73	692.14
26 27 13 00-0135	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,805.77	692.14
26 27 13 00-0136		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0137	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	8,633.58	692.14
26 27 13 00-0138	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	10,452.24	692.14
26 27 13 00-0139	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,223.53	692.14
26 27 16		**Electrical Cabinets and Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures, Lockable *(26 27 16)*		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0003		4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	72.60	23.06
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	81.40	25.38
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	90.26	27.68
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	105.38	32.30
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	114.74	34.60
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	124.77	36.91
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	124.43	36.91
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	134.71	39.21
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	145.49	41.53
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	188.77	55.36
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	228.98	66.90
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	217.61	64.59
26 27 16 00-0016		6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	90.93	27.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	110.31	32.30
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	131.73	39.21
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	142.25	41.53
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	153.00	43.83
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	164.23	46.14
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	208.63	59.98
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	253.02	73.81
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	244.03	71.51
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	317.74	92.27
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	407.00	106.11
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	464.68	115.34
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	516.91	122.25
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	568.36	126.87
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	392.59	92.27
26 27 16 00-0032		Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0033		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	48.84	16.15
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	69.80	23.06
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	77.73	25.38
26 27 16 00-0037		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	54.77	18.45
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	67.96	23.06
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	75.78	25.38
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	83.69	27.68
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	97.65	32.30
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	105.90	34.60
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	114.53	36.91
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	114.25	36.91
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	123.21	39.21
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	132.40	41.53
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	173.60	55.36
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	215.35	69.20
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	199.98	64.59
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	258.79	83.04
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	367.41	103.80
26 27 16 00-0053		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	84.10	27.68
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	92.56	29.99
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	106.70	34.60
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.12	39.21
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	130.19	41.53
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	139.36	43.83
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	148.87	46.14
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	190.95	59.98
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	234.67	73.81
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	223.56	71.51
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	290.40	92.27
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	359.16	106.11
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	409.20	115.34
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	440.94	122.25
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	479.65	126.87
26 27 16 00-0069		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.12	39.21
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	164.16	50.75
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	208.73	64.59
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	259.28	80.74
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	248.30	78.43
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	307.48	96.89
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	343.94	110.73
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	394.77	117.64
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	451.11	126.87
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	479.53	133.79
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	502.96	138.40
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	514.85	138.40
26 27 16 00-0082		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	281.27	87.65
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	369.28	113.03
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	375.93	119.95
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	477.49	129.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	547.33	143.02
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	603.13	147.63
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	642.25	154.55
26 27 16 00-0090		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	407.60	124.57
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	408.82	131.49
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	525.37	143.02
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	597.73	156.85
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	666.00	163.78
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	701.66	170.70
26 27 16 00-0097		NEMA 1 Enclosures For Up To 6 Boards, Lockable *(26 27 16)*		
26 27 16 00-0098		4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,135.90	101.50
26 27 16 00-0100		NEMA 12 Enclosures, Lockable *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0101		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0102		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	102.61	18.45
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	133.69	25.38
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	165.43	32.30
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	179.08	34.60
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	200.95	36.91
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	216.44	39.21
26 27 16 00-0109		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	148.39	27.68
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	163.47	29.99
26 27 16 00-0112		Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0113		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	188.97	18.45
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	227.57	25.38
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	257.07	27.68
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	294.28	32.30
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	303.06	34.60
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	356.83	36.91
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	383.02	39.21
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	434.98	41.53
26 27 16 00-0122		6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	276.18	27.68
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	311.86	29.99
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	340.46	34.60
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	402.84	41.53
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	437.77	46.14
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	606.79	59.98
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	940.12	92.27
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,227.37	106.11
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,382.61	115.34
26 27 16 00-0132		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,281.73	117.64
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,474.72	126.87
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,619.48	133.79
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,783.04	138.40
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,759.01	138.40
26 27 16 00-0138		Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0139		8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,541.12	187.43

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0141			10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
	26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,598.85	207.61
	26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,418.88	222.03
	26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,389.10	276.81
	26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,254.63	326.41
26 27 16 00-0146			12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
	26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,995.19	326.41
	26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,679.26	346.01
	26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,581.07	369.08
	26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,357.34	369.08
26 27 16 00-0151			NEMA 3 Enclosures, Lockable *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0152			2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0153	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	293.52	80.74
26 27 16 00-0154			3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0155	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	314.41	80.74
	26 27 16 00-0156	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	399.27	83.62
	26 27 16 00-0157	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	413.49	83.62
	26 27 16 00-0158	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	517.12	86.50
26 27 16 00-0159			4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0160	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	395.43	83.62
	26 27 16 00-0161	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	432.61	83.62
	26 27 16 00-0162	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	450.86	86.50
	26 27 16 00-0163	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	565.06	86.50
	26 27 16 00-0164	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	620.81	92.27
	26 27 16 00-0165	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	668.10	98.04
	26 27 16 00-0166	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	695.26	98.04
	26 27 16 00-0167	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	824.82	100.92
	26 27 16 00-0168	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	894.12	103.80
	26 27 16 00-0169	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,220.84	115.34
26 27 16 00-0170			6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0171	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	596.56	89.39
	26 27 16 00-0172	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	750.34	100.92
	26 27 16 00-0173	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	877.42	103.80
	26 27 16 00-0174	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,009.62	106.69
	26 27 16 00-0175	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,073.69	106.69
	26 27 16 00-0176	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,220.50	115.34
	26 27 16 00-0177	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,411.33	129.75
	26 27 16 00-0178	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,330.09	123.99
	26 27 16 00-0179	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,584.76	230.68
	26 27 16 00-0180	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,465.05	288.34
26 27 16 00-0181			8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,084.03	109.57
	26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,627.76	144.17
	26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,653.92	144.17
	26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,243.13	216.26
	26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,948.18	230.68
	26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,460.33	403.68
26 27 16 00-0188			10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,928.84	288.34
26 27 16 00-0190			12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
	26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,031.30	346.01
	26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,963.85	317.18
26 27 16 00-0193			NEMA 3R Enclosures, Lockable *(26 27 16)* Note: Rain-tight enclosures.		
26 27 16 00-0194			Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0195		**4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	94.11	23.06
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	103.90	25.38
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	152.44	27.68
26 27 16 00-0199		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	191.85	34.60
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	214.46	39.21
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	251.34	43.83
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	271.55	46.14
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	353.53	59.98
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	423.04	73.81
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	484.29	92.27
26 27 16 00-0207		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	732.48	117.64
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	811.88	126.87
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	912.71	133.79
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	959.66	138.40
26 27 16 00-0212		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	907.87	143.02
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,025.54	161.48
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,135.41	178.78
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,250.79	197.23
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,361.80	214.53
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	593.73	113.03
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	907.87	143.02
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,072.03	147.63
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,353.64	161.48
26 27 16 00-0222		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	877.26	114.19
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	983.74	128.03
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,089.10	141.87
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,204.42	156.85
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,310.90	170.70
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	655.46	85.35
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	877.26	114.19
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	983.74	128.03
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,157.87	149.94
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,310.90	170.70
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,246.76	168.39
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,310.90	170.70
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,380.28	175.32
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,536.06	184.54
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,665.12	193.77
26 27 16 00-0238		**Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0193)*		
26 27 16 00-0239		**4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0240	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	66.82	18.45
26 27 16 00-0241	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	80.93	23.06
26 27 16 00-0242	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	89.35	25.38
26 27 16 00-0243	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.96	27.68
26 27 16 00-0244	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	114.96	32.30
26 27 16 00-0245	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	125.15	34.60
26 27 16 00-0246	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	136.20	36.91
26 27 16 00-0247	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	135.63	36.91
26 27 16 00-0248	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	147.99	39.21
26 27 16 00-0249	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	159.03	41.53
26 27 16 00-0250	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	240.70	64.59
26 27 16 00-0251	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	320.35	83.04
26 27 16 00-0252		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0253	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	93.31	27.68
26 27 16 00-0254	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.68	34.60
26 27 16 00-0255	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	143.51	39.21
26 27 16 00-0256	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	155.33	41.53
26 27 16 00-0257	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	154.49	41.53
26 27 16 00-0258	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	167.00	43.83
26 27 16 00-0259	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	179.61	46.14
26 27 16 00-0260	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	234.36	59.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0261	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	270.33	71.51
26 27 16 00-0262	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	360.05	92.27
26 27 16 00-0263	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	376.47	99.19
26 27 16 00-0264	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	428.77	106.11
26 27 16 00-0265	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	482.08	115.34
26 27 16 00-0266		8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0239)*		
26 27 16 00-0267	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	200.86	50.75
26 27 16 00-0268	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	291.93	78.43
26 27 16 00-0269	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	398.23	101.50
26 27 16 00-0270	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	474.48	117.64
26 27 16 00-0271	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	535.54	126.87
26 27 16 00-0272	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	593.47	133.79
26 27 16 00-0273		10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0238)*		
26 27 16 00-0274	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	439.56	113.03
26 27 16 00-0275	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	589.63	143.02
26 27 16 00-0276	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	644.95	147.63
26 27 16 00-0277		12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0238)*		
26 27 16 00-0278	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	651.14	156.85
26 27 16 00-0279	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	896.97	170.70
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	926.80	175.32
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,079.66	184.54
26 27 16 00-0282		NEMA 4 Enclosures, Lockable *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0283		Hinge Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0282)*		
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	112.82	16.15
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	131.54	19.61
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	164.39	25.38
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	156.16	25.38
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	208.56	34.60
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	260.16	41.53
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	240.15	39.21
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	279.89	46.14
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	329.60	53.05
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	398.98	66.90
26 27 16 00-0294		Clamp Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0282)*		
26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	103.25	16.15
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	146.61	25.38
26 27 16 00-0297		Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures *(26 27 16 00-0282)*		
26 27 16 00-0298	EA	6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	129.27	22.14
26 27 16 00-0299	EA	8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	137.24	23.99
26 27 16 00-0300	EA	10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	168.06	31.37
26 27 16 00-0301	EA	12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	196.83	34.60
26 27 16 00-0302	EA	14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	254.87	43.83
26 27 16 00-0303	EA	16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	297.85	51.90
26 27 16 00-0304	EA	18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	417.24	83.04
26 27 16 00-0305		NEMA 4X Enclosures, Lockable *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0306		Clamp Cover, Aluminum NEMA 4X Enclosures *(26 27 16 00-0305)*		
26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	227.57	18.45
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	267.50	25.38
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	338.52	34.60
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	411.07	41.53
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	506.40	53.05
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	597.07	66.90
26 27 16 00-0313		Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0305)*		
26 27 16 00-0314	EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	278.17	16.15
		For 316 Stainless Steel, Add	*38.05*	
26 27 16 00-0315	EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	361.96	23.06
		For 316 Stainless Steel, Add	*48.69*	
26 27 16 00-0316	EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	410.11	25.38
		For 316 Stainless Steel, Add	*55.47*	
26 27 16 00-0317	EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	469.26	27.68
		For 316 Stainless Steel, Add	*64.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0318	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	576.38	34.60
		For 316 Stainless Steel, Add	*78.38*	
26 27 16 00-0319	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	810.34	43.83
		For 316 Stainless Steel, Add	*112.12*	
26 27 16 00-0320	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,010.09	53.05
		For 316 Stainless Steel, Add	*140.39*	
26 27 16 00-0321	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,217.94	66.90
		For 316 Stainless Steel, Add	*168.11*	

26 27 16 00-0322 Screw Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	140.02	25.38
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	157.88	27.68
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	180.51	32.30
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	196.35	34.60
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	227.02	39.21
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	212.92	39.21
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	248.57	43.83
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	312.01	53.05
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	397.29	72.66
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	508.71	104.61
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	151.12	25.38
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	170.99	27.68
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	194.62	32.30
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	213.47	34.60
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	245.16	39.21
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	230.06	39.21
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	271.82	43.83
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	324.10	53.05
26 27 16 00-0341	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	422.50	72.66
26 27 16 00-0342	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	535.91	104.61

26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0344	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	171.27	25.38
26 27 16 00-0345	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	183.08	27.68
26 27 16 00-0346	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	207.71	32.30
26 27 16 00-0347	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	224.56	34.60
26 27 16 00-0348	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	266.33	39.21
26 27 16 00-0349	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	244.16	39.21
26 27 16 00-0350	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	301.03	43.83
26 27 16 00-0351	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	357.36	53.05
26 27 16 00-0352	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	436.60	72.66
26 27 16 00-0353	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	560.09	104.61
26 27 16 00-0354	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	179.33	25.38
26 27 16 00-0355	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	198.18	27.68
26 27 16 00-0356	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	221.82	32.30
26 27 16 00-0357	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	239.67	34.60
26 27 16 00-0358	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	286.49	39.21
26 27 16 00-0359	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	261.28	39.21
26 27 16 00-0360	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	322.20	43.83
26 27 16 00-0361	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	367.44	53.05
26 27 16 00-0362	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	469.85	72.66
26 27 16 00-0363	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	595.37	104.61

26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,278.11	129.75
		For Mounting Pan, Add	*53.92*	
26 27 16 00-0367	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,022.02	138.40
		For Mounting Pan, Add	*100.47*	
26 27 16 00-0368	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,988.30	155.70
		For Mounting Pan, Add	*138.54*	

26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0370	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,769.49	155.70
		For Mounting Pan, Add	*70.45*	
26 27 16 00-0371	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,302.07	160.03
		For Mounting Pan, Add	*138.54*	
26 27 16 00-0372	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,356.35	173.00
		For Mounting Pan, Add	*105.98*	
26 27 16 00-0373	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,417.85	173.00
		For Mounting Pan, Add	*123.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0374	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,416.17	216.26
		For Mounting Pan, Add	*162.67*	
26 27 16 00-0375	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,219.66	194.63
		For Mounting Pan, Add	*101.57*	
26 27 16 00-0376	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,331.96	216.26
		For Mounting Pan, Add	*151.98*	
26 27 16 00-0377	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,151.51	389.26
		For Mounting Pan, Add	*204.47*	
26 27 16 00-0378	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,086.17	259.51
		For Mounting Pan, Add	*199.08*	
26 27 16 00-0379	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,370.19	432.51
		For Mounting Pan, Add	*182.77*	
26 27 16 00-0380	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,429.17	432.51
		For Mounting Pan, Add	*297.12*	

26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0382	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,749.57	194.63
		For Mounting Pan, Add	*105.98*	
26 27 16 00-0383	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,768.68	194.63
		For Mounting Pan, Add	*123.99*	
26 27 16 00-0384	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,132.72	194.63
		For Mounting Pan, Add	*162.67*	
26 27 16 00-0385	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,471.46	216.26
		For Mounting Pan, Add	*101.57*	
26 27 16 00-0386	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,052.90	389.26
		For Mounting Pan, Add	*151.98*	
26 27 16 00-0387	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,148.90	475.77
		For Mounting Pan, Add	*204.47*	
26 27 16 00-0388	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,641.14	562.28
		For Mounting Pan, Add	*307.50*	
26 27 16 00-0389	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,540.92	475.77
		For Mounting Pan, Add	*199.08*	
26 27 16 00-0390	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,690.73	475.77
		For Mounting Pan, Add	*182.77*	
26 27 16 00-0391	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,462.22	519.02
		For Mounting Pan, Add	*273.96*	
26 27 16 00-0392	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,993.45	475.77
		For Mounting Pan, Add	*297.12*	
26 27 16 00-0393	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,331.70	519.02
		For Mounting Pan, Add	*434.48*	
26 27 16 00-0394	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,268.10	519.02
		For Mounting Pan, Add	*579.22*	
26 27 16 00-0395	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	14,379.36	692.03
		For Mounting Pan, Add	*723.92*	
26 27 16 00-0396	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,946.97	562.28
		For Mounting Pan, Add	*673.12*	
26 27 16 00-0397	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	19,820.21	865.03
		For Mounting Pan, Add	*921.49*	

26 27 16 00-0398 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0399	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,026.52	562.28
		For Mounting Pan, Add	*307.50*	
26 27 16 00-0400	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,229.80	519.02
		For Mounting Pan, Add	*273.96*	
26 27 16 00-0401	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,055.20	562.28
		For Mounting Pan, Add	*434.48*	
26 27 16 00-0402	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,692.87	605.53
		For Mounting Pan, Add	*723.92*	
26 27 16 00-0403	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,237.32	605.53
		For Mounting Pan, Add	*673.12*	
26 27 16 00-0404	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	21,585.65	865.03
		For Mounting Pan, Add	*921.49*	

26 27 16 00-0405 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,286.35	475.77
		For Mounting Pan, Add	*204.47*	

26 27 16 00-0407 Breaker Enclosures *(26 27 16)*

See CSI section 26 24 16 00-0001 for lighting and power panel boards.

26 27 16 00-0408 15 To 100 Amperes, F-Frame Breaker Enclosures *(26 27 16 00-0407)*

26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	362.54	92.27
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	655.44	92.27
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,601.46	126.87
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,166.05	138.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,584.96	138.40
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	569.26	126.87
26 27 16 00-0415		15 To 250 Amperes, H Or J-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	575.84	126.87
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,044.87	126.87
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	3,529.76	161.48
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	871.06	161.48
26 27 16 00-0420		125 To 400 Amperes, L-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	909.62	253.74
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,066.24	253.74
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	5,988.76	322.95
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,496.24	322.95
26 27 16 00-0425		300 To 800 Amperes, M-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	1,779.79	484.42
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,002.25	484.42
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	10,781.26	622.83
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	5,877.31	622.83
26 27 16 00-0430		250 To 1,200 Amperes, P-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,155.57	484.42
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	3,596.52	484.42
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	7,365.36	622.83
26 27 16 00-0434		Legend Plates *(26 27 16)*		
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	19.48	5.76
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	21.80	5.76
26 27 19		**Multi-Outlet Assemblies** *(26 27)*		
26 27 19 00-0001		Surface Metal Raceway, Preassembled With Outlets *(26 27 19)* Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	27.89	8.42
		For Concrete Or Masonry Surface, Add	*0.84*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	21.62	5.99
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	20.35	6.34
		For Concrete Or Masonry Surface, Add	*0.63*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	22.44	5.99
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	18.20	6.11
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	25.14	5.99
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	22.19	5.99
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	23.97	5.99
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 23		**Indoor Service Poles** *(26 27)*		
26 27 23 00-0001		Communication And Power Poles *(26 27 23)* Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002		Steel Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0003		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	285.40	51.11
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	309.20	51.11
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	336.73	51.11
26 27 23 00-0008		Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)* Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	58.45	10.54
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	50.94	10.54

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	57.41	10.54
	26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	43.06	10.54
	26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	35.82	10.54
26 27 23 00-0014			2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0015			2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
	26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	367.02	51.11
	26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	418.17	51.11
	26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	445.77	51.11
26 27 23 00-0019			Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)* Note: Excludes receptacles and communication jacks.		
	26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	39.86	10.54
	26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	36.04	10.54
	26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	38.77	10.54
26 27 23 00-0023			3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0024			3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
	26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	475.41	51.11
	26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	536.98	51.11
	26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	577.56	51.11
26 27 23 00-0028			Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)* Note: Excludes receptacles and communication jacks.		
	26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	39.86	10.54
	26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	36.04	10.54
	26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	38.77	10.54
26 27 23 00-0032			Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033			2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034			2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
	26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	383.03	51.11
	26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	426.08	51.11
	26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	474.34	51.11
26 27 23 00-0038			Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
	26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	59.92	10.54
	26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	61.14	10.54
	26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	65.18	10.54
	26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	45.33	10.54
	26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	35.82	10.54
26 27 23 00-0044			2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
	26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	369.59	51.11
	26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	413.74	51.11
	26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	465.75	51.11
26 27 23 00-0048			5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
	26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	762.83	51.11
	26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	871.11	51.11
	26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	992.38	51.11
26 27 23 00-0052			2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
	26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	418.93	51.11
	26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	397.12	51.11
	26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	506.02	51.11
26 27 26			**Wiring Devices** *(26 27)* Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001			Receptacles *(26 27 26)*		
26 27 26 00-0002			General Use Receptacles *(26 27 26 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0003		**Receptacle Assemblies** *(26 27 26 00-0002)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	99.59	40.95
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	106.82	43.83
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	128.40	52.48
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	142.88	58.25
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	119.51	40.95
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	127.79	43.83
26 27 26 00-0010		**Receptacle Components** *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	28.50	11.54
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	27.33	11.54
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	34.18	11.54
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	38.15	11.54
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	48.97	14.41
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	61.98	14.41
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	30.02	11.54
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	28.80	11.54
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	46.66	11.54
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	36.90	11.54
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	48.97	14.41
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	61.98	14.41
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	103.72	14.41
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	103.72	14.41
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	82.69	17.30
26 27 26 00-0026		**Specialty Receptacles** *(26 27 26 00-0001)*		
26 27 26 00-0027		**Specialty Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	69.90	20.19
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	69.90	20.19
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	79.09	20.19
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	115.24	20.19
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	121.02	23.06
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	110.20	23.06
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	107.15	23.06
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	91.43	23.06
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	95.73	23.06
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	137.66	23.06
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	143.42	25.95
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	157.50	28.84
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	169.04	34.60
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,653.19	271.04
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	4,343.78	331.60
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	84.33	23.06
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	122.70	34.60
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	85.69	14.41
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,674.82	351.20
26 27 26 00-0047		**Isolated Ground Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	87.84	11.54
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	70.88	14.41
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	70.58	14.41
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	95.39	23.06
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	80.90	14.41
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	73.10	14.41
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	103.24	17.30
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	78.97	17.30
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	106.12	17.30
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	132.58	17.30
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	125.46	23.06
26 27 26 00-0059		**Explosion Proof Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	888.13	28.84
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	817.93	31.71
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,359.52	57.66
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,713.62	57.66
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,167.38	86.50
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,064.86	86.50
26 27 26 00-0066		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	44.38	14.41
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	61.32	17.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0069		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	87.83	14.41
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	97.48	14.41
26 27 26 00-0072		**Locking Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	53.19	14.41
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	65.83	14.41
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	58.81	17.30
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	58.25	17.30
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	69.36	17.30
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	83.74	17.30
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	82.15	17.30
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	71.64	17.30
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	81.28	23.06
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	82.62	23.06
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	136.18	23.06
26 27 26 00-0084		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0085	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	270.40	57.66
26 27 26 00-0086	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	269.76	57.66
26 27 26 00-0087	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	281.85	57.66
26 27 26 00-0088	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	344.67	63.44
26 27 26 00-0089	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	345.68	63.44
26 27 26 00-0090	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	343.35	63.44
26 27 26 00-0091	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	412.13	70.93
26 27 26 00-0092	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	392.46	70.93
26 27 26 00-0093	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	423.25	70.93
26 27 26 00-0094	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	426.78	77.85
26 27 26 00-0095	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	426.40	77.85
26 27 26 00-0096	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	429.19	77.85
26 27 26 00-0097	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	602.42	92.27
26 27 26 00-0098	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	578.61	92.27
26 27 26 00-0099	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	594.11	92.27
26 27 26 00-0100	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	661.63	102.65
26 27 26 00-0101	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	662.09	102.65
26 27 26 00-0102	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	662.55	102.65
26 27 26 00-0103	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	736.30	115.34
26 27 26 00-0104	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	766.83	115.34
26 27 26 00-0105	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	824.66	126.87
26 27 26 00-0106	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	822.37	126.87
26 27 26 00-0107	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	826.68	126.87
26 27 26 00-0108		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0109	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	92.50	11.54
26 27 26 00-0110	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	192.94	14.41
26 27 26 00-0111		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0112	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	28.48	11.54
26 27 26 00-0113	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	31.27	11.54
26 27 26 00-0114	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	39.27	11.54
26 27 26 00-0115	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	43.03	11.54
26 27 26 00-0116	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	65.58	11.54
26 27 26 00-0117	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	70.95	11.54
26 27 26 00-0118	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	76.08	11.54
26 27 26 00-0119		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0120	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	67.59	11.54
26 27 26 00-0121	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	73.15	11.54
26 27 26 00-0122		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0123	EA	TV Receptacle With Cover (Type F), Complete	82.78	26.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0124		**Switches** *(26 27 26)*		
26 27 26 00-0125		**Switches** *(26 27 26 00-0124)*		
26 27 26 00-0126		**Switch Assemblies** *(26 27 26 00-0125)*		
		Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	104.84	40.36
26 27 26 00-0128	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	112.47	43.83
26 27 26 00-0129	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	141.80	52.76
26 27 26 00-0130	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	154.77	58.54
26 27 26 00-0131	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	242.53	90.54
26 27 26 00-0132	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	262.00	99.19
26 27 26 00-0133	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	279.61	102.36
26 27 26 00-0134	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	305.56	113.89
26 27 26 00-0135		**Switch Components** *(26 27 26 00-0125)*		
26 27 26 00-0136	EA	15 Amperes, 120/277 Volt, SPST Switch	33.74	11.54
26 27 26 00-0137	EA	15 Amperes, 120/277 Volt, 3-Way Switch	42.87	14.41
26 27 26 00-0138	EA	15 Amperes, 120/277 Volt, 4-Way Switch	86.85	23.06
26 27 26 00-0139	EA	15 Amperes, 120/277 Volt, DPST Switch	39.95	11.54
26 27 26 00-0140	EA	15 Amperes, 120/277 Volt, Thermal Switch	81.92	14.41
26 27 26 00-0141	EA	20 Amperes, 120/277 Volt, SPST Switch	40.24	14.41
26 27 26 00-0142	EA	20 Amperes, 120/277 Volt, 3-Way Switch	50.19	17.30
26 27 26 00-0143	EA	20 Amperes, 120/277 Volt, 4-Way Switch	123.79	23.06
26 27 26 00-0144	EA	20 Amperes, 120/277 Volt, DPST Switch	50.19	14.41
26 27 26 00-0145	EA	20 Amperes, 120/277 Volt, DPDT Switch	54.60	14.41
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	80.97	14.44
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	102.20	14.44
26 27 26 00-0148	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	77.79	17.33
26 27 26 00-0149	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	62.48	20.19
26 27 26 00-0150	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	78.36	23.06
26 27 26 00-0151	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	123.89	23.06
26 27 26 00-0152	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	81.05	23.10
26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	100.14	23.10
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	104.53	28.89
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	146.28	31.77
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	69.15	18.89
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	98.24	18.89
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	85.70	18.89
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	81.38	18.89
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	90.99	9.36
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	96.84	9.36
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	102.58	36.05
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	123.81	36.05
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	148.49	11.56
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	91.48	11.56
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	251.56	11.54
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	48.84	11.54
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	97.80	11.56
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	112.94	11.56
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	145.96	11.56
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	152.90	11.56
26 27 26 00-0172		**Specialty Switches** *(26 27 26 00-0124)*		
26 27 26 00-0173		**Dimmers With SPST Switch** *(26 27 26 00-0172)*		
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch	74.98	25.95
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch	147.01	25.95
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch	269.52	41.76
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch	361.43	41.76
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch	194.04	30.79
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch	273.12	30.79
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch	503.24	46.48
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan	127.72	38.41
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	216.44	57.32
26 27 26 00-0183		**Time Switches** *(26 27 26 00-0172)*		
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	152.40	34.60
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	156.56	34.60
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	152.40	34.60
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	156.56	34.60
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	180.13	34.60

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	180.13	34.60
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	343.76	34.60
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	343.76	34.60
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	291.26	34.60
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	323.32	34.60
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	323.32	34.60
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	399.09	34.60
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	411.85	34.60
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	152.40	34.60
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	156.56	34.60
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	152.40	34.60
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	156.56	34.60
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	180.13	34.60
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	180.13	34.60
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	343.76	34.60
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	343.76	34.60
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	399.09	34.60
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	411.85	34.60
26 27 26 00-0207		**Low Voltage Switching** *(26 27 26 00-0172)*		
26 27 26 00-0208	EA	36 Pin Male Or Female Connector	292.05	11.54
26 27 26 00-0209		**Other Switches** *(26 27 26 00-0172)*		
26 27 26 00-0210	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	39.74	17.30
26 27 26 00-0211	EA	SPST Locking Switch For Concealed Devices	128.04	46.14
26 27 26 00-0212	EA	3-Way Locking Switch For Concealed Devices	130.26	46.14
26 27 26 00-0213	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	149.63	43.14
26 27 26 00-0214	EA	15 Amperes Momentary Contact Switch	140.55	43.14
26 27 26 00-0215	EA	20 Amperes Momentary Contact Switch	150.11	43.14
26 27 26 00-0216	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	130.67	51.99
26 27 26 00-0217	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	133.34	51.99
26 27 26 00-0218	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	164.45	63.55
26 27 26 00-0219	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	149.56	57.76
26 27 26 00-0220	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	150.23	57.76
26 27 26 00-0221		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0222		**Wall Plates** *(26 27 26 00-0221)*		
26 27 26 00-0223		**Nylon Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0224	EA	1 Gang Nylon Switch Wall Plates	1.84	0.58
26 27 26 00-0225	EA	2 Gang Nylon Switch Wall Plates	3.13	0.86
26 27 26 00-0226	EA	3 Gang Nylon Switch Wall Plates	4.45	1.15
26 27 26 00-0227	EA	4 Gang Nylon Switch Wall Plate	6.42	1.45
26 27 26 00-0228	EA	1 Gang Duplex Nylon Wall Plate	1.86	0.58
26 27 26 00-0229	EA	2 Gang Duplex Nylon Wall Plate	3.21	0.86
26 27 26 00-0230		**Plastic Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0231	EA	1 Gang Plastic Switch Wall Plates	1.70	0.58
26 27 26 00-0232	EA	2 Gang Plastic Switch Wall Plates	2.86	0.86
26 27 26 00-0233	EA	3 Gang Plastic Switch Wall Plates	4.00	1.15
26 27 26 00-0234	EA	4 Gang Plastic Switch Wall Plates	6.42	1.45
26 27 26 00-0235	EA	1 Gang Duplex Plastic Wall Plate	1.70	0.58
26 27 26 00-0236	EA	2 Gang Duplex Plastic Wall Plate	2.86	0.86
26 27 26 00-0237		**Brass Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Switch Wall Plates	18.29	2.60
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Switch Wall Plates	34.42	3.00
26 27 26 00-0240	EA	3 Gang, 0.04" Brass Switch Wall Plates	50.44	3.35
26 27 26 00-0241	EA	4 Gang, 0.04" Brass Switch Wall Plates	78.60	3.63
26 27 26 00-0242	EA	5 Gang, 0.04" Brass Switch Wall Plates	95.78	3.87
26 27 26 00-0243	EA	6 Gang, 0.04" Brass Switch Wall Plates	110.89	4.05
26 27 26 00-0244	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	18.29	2.60
26 27 26 00-0245	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	40.38	3.00
26 27 26 00-0246	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	58.30	3.35
26 27 26 00-0247		**Stainless Steel Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	9.69	2.60
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	15.61	3.00
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	21.88	3.35
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	32.22	3.63
26 27 26 00-0252	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	37.97	3.87
26 27 26 00-0253	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	45.97	4.05
26 27 26 00-0254	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	10.63	2.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0255	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	17.84	3.00
26 27 26 00-0256	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	29.27	3.35
26 27 26 00-0257	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	35.42	3.63
26 27 26 00-0258		**Chrome Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0259	EA	1 Gang, 0.040" Chrome Switch Wall Plate	36.82	2.60
26 27 26 00-0260	EA	2 Gang 0.040" Chrome Switch Wall Plate	69.13	3.00
26 27 26 00-0261	EA	3 Gang 0.040" Chrome Switch Wall Plate	101.43	3.35
26 27 26 00-0262	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	36.79	2.60
26 27 26 00-0263		**Weatherproof Covers** *(26 27 26 00-0221)*		
26 27 26 00-0264		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0265	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	11.13	0.58
26 27 26 00-0266	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	12.06	0.58
26 27 26 00-0267	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	12.06	0.58
26 27 26 00-0268	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	12.06	0.58
26 27 26 00-0269	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	14.82	0.86
26 27 26 00-0270	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	16.81	0.86
26 27 26 00-0271	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	17.01	0.86
26 27 26 00-0272	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	17.01	0.86
26 27 26 00-0273	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	23.09	0.86
26 27 26 00-0274	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	21.90	1.15
26 27 26 00-0275	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	23.94	1.15
26 27 26 00-0276		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0277	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	13.62	0.58
26 27 26 00-0278	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	43.38	0.58
26 27 26 00-0279	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	48.64	0.58
26 27 26 00-0280	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	13.52	0.58
26 27 26 00-0281	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	36.78	0.58
26 27 26 00-0282	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	61.15	0.58
26 27 26 00-0283	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	77.84	0.58
26 27 26 00-0284	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	17.01	0.86
26 27 26 00-0285	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	122.97	0.86
26 27 26 00-0286	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	28.43	1.15
26 27 26 00-0287	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	117.50	1.15
26 27 26 00-0288		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0289	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	4.98	0.58
26 27 26 00-0290	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	6.38	0.58
26 27 26 00-0291	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	8.58	0.86
26 27 26 00-0292	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	9.30	0.86
26 27 26 00-0293	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	9.30	0.86
26 27 26 00-0294	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	10.35	0.86
26 27 26 00-0295		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	50.55	0.58
26 27 26 00-0297		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0298	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.21	0.58
26 27 26 00-0299	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.21	0.58
26 27 26 00-0300	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.21	0.58
26 27 26 00-0301	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	12.64	0.86
26 27 26 00-0302	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	12.64	0.86
26 27 26 00-0303		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	85.29	0.58
26 27 26 00-0305		**Non Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0306	EA	Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.60	0.58
26 27 26 00-0307	EA	Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	14.55	0.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0308	EA	Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.64	0.58
26 27 26 00-0309	EA	Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	30.23	0.58
26 27 26 00-0310	EA	Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	35.07	0.58
26 27 26 00-0311	EA	20 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	28.40	0.58
26 27 26 00-0312	EA	30 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	21.13	0.58
26 27 26 00-0313	EA	50 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	24.75	0.58
26 27 26 00-0314	EA	Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	22.12	0.58
26 27 26 00-0315	EA	Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	31.84	0.86
26 27 26 00-0316		Removal And Reinstallation Of Wiring Devices *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0317	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	75.88	
26 27 26 00-0318	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	9.61	
26 27 26 00-0319		In Line Midget Fuseholders *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0320	EA	Single Pole Water Resistant In Line Midget Fuseholder	84.44	
26 27 26 00-0321	EA	Double Pole Water Resistant In Line Midget Fuseholder	196.50	
26 27 26 00-0322		Relay Systems *(26 27 26)*		
26 27 26 00-0323	EA	10 Amperes, 24 Volt Coil, 2 Position Relay	87.93	25.95
26 27 26 00-0324	EA	20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	377.55	86.50
26 27 26 00-0325	EA	20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	640.09	115.34
26 27 26 00-0326		Limit Switches *(26 27 26)*		
26 27 26 00-0327		Heavy Duty Precision Oiltight *(26 27 26 00-0326)*		
26 27 26 00-0328		Lever Arm, Plunger, Wobble Stick Type *(26 27 26 00-0327)*		
26 27 26 00-0329	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated	431.29	72.66
26 27 33		**Power Distribution Units** *(26 27)*		
		Note: Includes wiring connections and testing.		
26 27 33 00-0001		Liebert Precision Power Center *(26 27 33)*		
		Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	19,740.80	354.66
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	23,839.04	384.42
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	27,169.09	426.75
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	31,262.28	461.35
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	34,108.44	576.69
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	38,262.35	692.03
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	44,147.07	807.37
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	46,416.29	922.70
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	49,031.66	1,038.04
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,746.12	115.34
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,611.50	144.17
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	5,900.06	173.00
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit	1,845.41	
		Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.		
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,384.06	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		Door Bell Chime And Door Button With Built-In Viewer *(26 27 73)*		
		Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	71.65	13.99
26 27 73 00-0003		Wireless Door Bell System *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH)	132.47	
		Note: Includes 2 push buttons		
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G)	124.74	
		Note: Includes 2 push buttons		
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300)	93.18	
		Note: Includes 2 push buttons		
26 27 73 00-0007		Door Bell Buzzer System, Wired *(26 27 73)*		
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	705.35	240.25
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	326.38	57.66
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete	126.99	28.84
		Note: Includes removal of existing.		

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 28 13 Fuses *(26 28)*

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*

26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.52	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.04	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.38	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.29	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.90	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	22.70	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	22.42	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.08	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.72	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.40	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.93	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	

26 28 13 00-0013 Class RK1, Time Delay Fuses *(26 28 13)*

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	36.04	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.92	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	35.40	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	35.20	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.73	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	32.84	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.50	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.32	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.51	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.27	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.25	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.54	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.07	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.64	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.00	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	70.10	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	69.74	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	76.91	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	69.18	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	187.09	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	138.27	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	128.00	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	134.50	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	246.84	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	266.46	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	285.92	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	222.09	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	485.38	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	461.41	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	361.91	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	

26 28 13 00-0046 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	53.49	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	50.11	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	47.28	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	48.22	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	47.41	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	47.70	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.62	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.31	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.90	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.51	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.80	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.95	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	61.79	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.34	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.82	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	

26 28 13 00-0062 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	115.25	10.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	118.49	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	117.88	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	118.36	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	212.09	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	215.21	11.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	213.85	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	213.34	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	400.15	14.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	404.17	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	454.63	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	412.75	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	734.26	17.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.42*	
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	656.99	20.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	574.40	20.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	

26 28 13 00-0078 600 Volt AC, Class CC Midget Fuses *(26 28 13)*

Note: 250/300 Volt DC.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	40.86	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	41.42	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	41.26	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	41.08	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	43.73	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	39.49	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	44.47	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	41.10	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	40.41	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	38.82	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	40.17	8.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.54*	

26 28 13 00-0090 200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse *(26 28 13)*

26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	49.98	5.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	50.35	5.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	44.28	6.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.15*	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	44.79	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	45.67	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	44.88	8.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 28 13 00-0097	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	57.40	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0098	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	48.58	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0099	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	81.49	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0100	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	70.15	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0101	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	79.76	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 28 13 00-0102	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	72.49	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 28 13 00-0103	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	71.26	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 28 13 00-0104	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	108.61	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 28 13 00-0105	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	115.34	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 28 13 00-0106	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	113.62	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 28 13 00-0107	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	101.54	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	227.08	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	194.18	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	186.67	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	189.29	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	158.68	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	387.55	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	358.99	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	331.50	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	360.75	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	300.55	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	626.92	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	534.79	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	400.70	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,185.61	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,187.94	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,190.11	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.65*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,187.53	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,094.28	17.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,171.60	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,079.03	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,205.80	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,182.45	20.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,053.95	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,082.04	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,435.19	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,048.85	23.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,606.35	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	930.17	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,352.96	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	914.71	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	941.59	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,078.92	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,049.88	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,850.60	25.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,161.90	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,447.84	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,571.79	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,120.21	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,602.65	28.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,363.40	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,872.01	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	5,650.88	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,273.69	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	5,157.99	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	8,529.01	31.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.03*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	54.88	20.76
		For Bolt-On, Add	*14.93*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	54.88	20.76
		For Bolt-On, Add	*14.93*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	77.84	25.95
		For Bolt-On, Add	*19.82*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	112.53	25.95
		For Bolt-On, Add	*24.16*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	152.19	25.95
		For Bolt-On, Add	*29.11*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	174.81	25.95
		For Bolt-On, Add	*31.94*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	90.67	25.95
		For Bolt-On, Add	*21.42*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	89.38	31.14
		For Bolt-On, Add	*23.28*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	89.38	31.14
		For Bolt-On, Add	*23.28*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	132.63	41.53
		For Bolt-On, Add	*32.73*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	212.88	51.90
		For Bolt-On, Add	*46.79*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	249.29	57.66
		For Bolt-On, Add	*53.36*	
		For Installation In New Panelboard, Deduct	*-31.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.06*	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	206.95	36.91
		For Bolt-On, Add	*40.40*	
		For Installation In New Panelboard, Deduct	*-20.76*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.91*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	271.84	36.91
		For Bolt-On, Add	*48.51*	
		For Installation In New Panelboard, Deduct	*-20.76*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.91*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	162.90	41.53
		For Bolt-On, Add	*36.51*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	162.90	41.53
		For Bolt-On, Add	*36.51*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	212.50	51.90
		For Bolt-On, Add	*46.75*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	314.91	62.28
		For Bolt-On, Add	*63.58*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	399.04	72.66
		For Bolt-On, Add	*78.14*	
		For Installation In New Panelboard, Deduct	*-40.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.44*	
26 28 16 13-0022		Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	75.44	20.76
		For Bolt-On, Add	*17.50*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	75.44	20.76
		For Bolt-On, Add	*17.50*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	130.38	25.95
		For Bolt-On, Add	*26.39*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	197.08	25.95
		For Bolt-On, Add	*34.73*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	143.49	31.14
		For Bolt-On, Add	*30.05*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	143.49	31.14
		For Bolt-On, Add	*30.05*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	274.79	41.53
		For Bolt-On, Add	*50.50*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	372.54	51.90
		For Bolt-On, Add	*66.75*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	539.88	57.66
		For Bolt-On, Add	*89.69*	
		For Installation In New Panelboard, Deduct	*-31.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.06*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	225.67	41.53
		For Bolt-On, Add	*44.36*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	225.67	41.53
		For Bolt-On, Add	*44.36*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	333.50	51.90
		For Bolt-On, Add	*61.87*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	469.90	62.28
		For Bolt-On, Add	*82.96*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	718.27	72.66
		For Bolt-On, Add	*118.04*	
		For Installation In New Panelboard, Deduct	*-40.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.44*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	826.51	77.85
		For Bolt-On, Add	*133.59*	
		For Installation In New Panelboard, Deduct	*-43.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	887.71	83.04
		For Bolt-On, Add	*143.26*	
		For Installation In New Panelboard, Deduct	*-46.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.36*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,046.51	88.23
		For Bolt-On, Add	*165.13*	
		For Installation In New Panelboard, Deduct	*-49.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.82*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	88.95	20.76
		For Bolt-On, Add	*19.19*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	88.95	20.76
		For Bolt-On, Add	*19.19*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	143.72	25.95
		For Bolt-On, Add	*28.06*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	178.69	31.14
		For Bolt-On, Add	*34.45*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	178.69	31.14
		For Bolt-On, Add	*34.45*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	308.55	41.53
		For Bolt-On, Add	*54.72*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	770.49	51.90
		For Bolt-On, Add	*116.50*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	283.77	41.53
		For Bolt-On, Add	*51.62*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	283.77	41.53
		For Bolt-On, Add	*51.62*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	375.78	51.90
		For Bolt-On, Add	*67.16*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	953.06	62.28
		For Bolt-On, Add	*143.35*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	100.41	20.76
		For Bolt-On, Add	*20.63*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	100.41	20.76
		For Bolt-On, Add	*20.63*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	118.90	25.95
		For Bolt-On, Add	*24.95*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	195.54	25.95
		For Bolt-On, Add	*34.53*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	208.62	31.14
		For Bolt-On, Add	*38.19*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	208.62	31.14
		For Bolt-On, Add	*38.19*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	254.34	41.53
		For Bolt-On, Add	*47.94*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	363.80	51.90
		For Bolt-On, Add	*65.66*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	466.94	57.66
		For Bolt-On, Add	*80.57*	
		For Installation In New Panelboard, Deduct	*-31.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.06*	
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	581.63	67.48
		For Bolt-On, Add	*98.94*	
		For Installation In New Panelboard, Deduct	*-37.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.98*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	629.34	77.85
		For Bolt-On, Add	*108.94*	
		For Installation In New Panelboard, Deduct	*-43.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	254.84	41.53
		For Bolt-On, Add	*48.00*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	254.84	41.53
		For Bolt-On, Add	*48.00*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	300.06	51.90
		For Bolt-On, Add	*57.69*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	450.09	62.28
		For Bolt-On, Add	*80.48*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	590.30	80.74
		For Bolt-On, Add	*105.07*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	727.18	93.43
		For Bolt-On, Add	*127.23*	
		For Installation In New Panelboard, Deduct	*-51.90*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	773.07	99.19
		For Bolt-On, Add	*134.98*	
		For Installation In New Panelboard, Deduct	*-54.79*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.74*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	216.09	31.14
		For Bolt-On, Add	*39.12*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	216.09	31.14
		For Bolt-On, Add	*39.12*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	326.61	41.53
		For Bolt-On, Add	*56.97*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	525.30	51.90
		For Bolt-On, Add	*85.85*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	812.88	64.59
		For Bolt-On, Add	*126.84*	
		For Installation In New Panelboard, Deduct	*-36.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.25*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	919.38	67.48
		For Bolt-On, Add	*141.16*	
		For Installation In New Panelboard, Deduct	*-37.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.98*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,005.97	77.85
		For Bolt-On, Add	*156.02*	
		For Installation In New Panelboard, Deduct	*-43.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	309.46	41.53
		For Bolt-On, Add	*54.83*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	309.46	41.53
		For Bolt-On, Add	*54.83*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	389.68	51.90
		For Bolt-On, Add	*68.89*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	652.69	62.28
		For Bolt-On, Add	*105.81*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	950.37	80.74
		For Bolt-On, Add	*150.08*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,122.06	93.43
		For Bolt-On, Add	*176.59*	
		For Installation In New Panelboard, Deduct	*-51.90*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,213.13	99.19
		For Bolt-On, Add	*189.99*	
		For Installation In New Panelboard, Deduct	*-54.79*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.74*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	223.52	31.14
		For Bolt-On, Add	*40.05*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	223.52	31.14
		For Bolt-On, Add	*40.05*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	395.19	41.53
		For Bolt-On, Add	*65.55*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	715.47	51.90
		For Bolt-On, Add	*109.62*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,127.24	64.59
		For Bolt-On, Add	*166.13*	
		For Installation In New Panelboard, Deduct	*-36.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.25*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,280.92	67.48
		For Bolt-On, Add	*186.35*	
		For Installation In New Panelboard, Deduct	*-37.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.98*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	1,396.12	77.85
		For Bolt-On, Add	*204.79*	
		For Installation In New Panelboard, Deduct	*-43.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.90*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	360.90	41.53
		For Bolt-On, Add	*61.26*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	360.90	41.53
		For Bolt-On, Add	*61.26*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	478.85	51.90
		For Bolt-On, Add	*80.04*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	869.98	62.28
		For Bolt-On, Add	*132.97*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,099.75	80.74
		For Bolt-On, Add	*168.76*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,742.80	93.43
		For Bolt-On, Add	*254.18*	
		For Installation In New Panelboard, Deduct	*-51.90*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.28*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,855.85	99.19
		For Bolt-On, Add	*270.33*	
		For Installation In New Panelboard, Deduct	*-54.79*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.74*	
26 28 16 13-0101		Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	119.13	20.76
		For Bolt-On, Add	*22.97*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	119.13	20.76
		For Bolt-On, Add	*22.97*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	202.75	25.95
		For Bolt-On, Add	*35.43*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	253.94	31.14
		For Bolt-On, Add	*43.85*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	253.94	31.14
		For Bolt-On, Add	*43.85*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	458.14	41.53
		For Bolt-On, Add	*73.41*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	841.21	51.90
		For Bolt-On, Add	*125.34*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,623.89	64.59
		For Bolt-On, Add	*228.22*	
		For Installation In New Panelboard, Deduct	*-36.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.25*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	415.79	41.53
		For Bolt-On, Add	*68.12*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	415.79	41.53
		For Bolt-On, Add	*68.12*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	555.11	51.90
		For Bolt-On, Add	*89.57*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,035.73	62.28
		For Bolt-On, Add	*153.69*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,018.97	80.74
		For Bolt-On, Add	*283.66*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	

26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	171.88	20.76
		For Bolt-On, Add	*29.56*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	171.88	20.76
		For Bolt-On, Add	*29.56*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	258.85	25.95
		For Bolt-On, Add	*42.45*	
		For Installation In New Panelboard, Deduct	*-14.42*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.30*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	314.97	31.14
		For Bolt-On, Add	*51.48*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	314.97	31.14
		For Bolt-On, Add	*51.48*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	589.52	41.53
		For Bolt-On, Add	*89.84*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,064.11	51.90
		For Bolt-On, Add	*153.20*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,110.15	57.66
		For Bolt-On, Add	*285.97*	
		For Installation In New Panelboard, Deduct	*-31.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.06*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	538.08	41.53
		For Bolt-On, Add	*83.41*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	538.08	41.53
		For Bolt-On, Add	*83.41*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	744.04	51.90
		For Bolt-On, Add	*113.19*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,201.48	62.28
		For Bolt-On, Add	*174.41*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,665.02	80.74
		For Bolt-On, Add	*364.41*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	
26 28 16 13-0129		Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	80.84	20.76
		For Bolt-On, Add	*18.18*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	166.98	31.14
		For Bolt-On, Add	*32.98*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	262.59	41.53
		For Bolt-On, Add	*48.97*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	162.84	20.76
		For Bolt-On, Add	*28.43*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	162.84	20.76
		For Bolt-On, Add	*28.43*	
		For Installation In New Panelboard, Deduct	*-11.54*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.84*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	324.32	41.53
		For Bolt-On, Add	*56.69*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	365.23	31.14
		For Bolt-On, Add	*57.76*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	365.23	31.14
		For Bolt-On, Add	*57.76*	
		For Installation In New Panelboard, Deduct	*-17.30*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.76*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	702.81	41.53
		For Bolt-On, Add	*104.00*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,189.85	51.90
		For Bolt-On, Add	*168.92*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,611.12	64.59
		For Bolt-On, Add	*351.62*	
		For Installation In New Panelboard, Deduct	*-36.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.25*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	609.99	41.53
		For Bolt-On, Add	*92.40*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	609.99	41.53
		For Bolt-On, Add	*92.40*	
		For Installation In New Panelboard, Deduct	*-23.07*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.68*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	848.44	51.90
		For Bolt-On, Add	*126.24*	
		For Installation In New Panelboard, Deduct	*-28.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.60*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,292.93	62.28
		For Bolt-On, Add	*185.84*	
		For Installation In New Panelboard, Deduct	*-34.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.52*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,246.81	80.74
		For Bolt-On, Add	*437.14*	
		For Installation In New Panelboard, Deduct	*-44.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.63*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

26 28 16 16-0003 Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	422.96	115.34
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	662.53	138.98
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	909.12	162.63
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,564.72	256.05
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,319.75	397.91
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,539.73	588.23
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,551.57	692.03
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,132.50	807.37

26 28 16 16-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	641.23	128.14
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	773.64	154.44
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,226.94	180.50
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,815.03	284.88
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,951.07	441.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,157.37	653.28
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,095.08	768.50
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,417.78	897.09
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	602.60	181.08
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	886.56	240.48
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,190.70	267.01
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,883.30	418.10
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,902.32	686.26
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,338.87	961.34
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	785.40	200.11
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	998.89	267.01
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,466.78	300.46
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,160.56	457.89
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,796.85	739.32
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,712.54	1,068.03
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,249.30	1,268.72
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,648.32	1,441.72
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	584.13	181.08
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	862.69	240.48
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,147.29	267.01
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,943.02	418.10
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,238.83	686.26
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,845.11	961.34
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,308.91	1,211.04
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,938.61	1,384.06
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	853.15	200.11
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,082.15	267.01
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,588.53	300.46
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,342.82	457.89
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,185.70	739.32
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,399.30	1,068.03
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,389.49	1,268.72
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,879.96	1,441.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	411.28	166.90
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	637.78	232.18
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	876.84	267.01
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,373.96	427.21
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,766.04	711.98
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,514.86	970.92
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,440.97	1,153.38
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,498.10	1,346.11
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	454.26	184.20
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	722.15	260.55
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	990.85	296.65
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,538.02	464.35
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,976.02	762.84
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,993.49	1,067.91
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,137.95	1,153.38
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,452.59	1,346.11
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	480.96	149.94
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	734.71	208.76
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	988.31	240.48
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,553.22	384.65
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,100.90	640.70
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,987.94	873.68
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,551.54	1,038.04
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,133.95	1,211.04
26 28 16 16-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	524.85	165.51
26 28 16 16-0086	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	808.28	234.72
26 28 16 16-0087	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,077.97	267.01
26 28 16 16-0088	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,676.10	418.10
26 28 16 16-0089	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,322.38	686.26
26 28 16 16-0090	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,394.15	961.34
26 28 16 16-0091	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,012.58	1,038.04

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	559.23	165.74
26 28 16 16-0094	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	866.91	234.48
26 28 16 16-0095	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,173.32	267.01
26 28 16 16-0096	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,822.98	417.87
26 28 16 16-0097	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,527.83	686.49
26 28 16 16-0098	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,002.19	961.11
26 28 16 16-0099	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,706.79	1,038.04
26 28 16 16-0100	EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,689.11	1,211.04
26 28 16 16-0101		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	811.19	150.17
26 28 16 16-0103	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	982.38	209.00
26 28 16 16-0104	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,499.14	240.25
26 28 16 16-0105	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,251.87	384.42
26 28 16 16-0106		480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	878.76	165.51
26 28 16 16-0108	EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,073.67	234.72
26 28 16 16-0109	EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,625.30	267.01
26 28 16 16-0110	EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,424.66	418.10
26 28 16 16-0111		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	974.46	165.74
26 28 16 16-0113	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,179.23	234.48
26 28 16 16-0114	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,815.12	267.01
26 28 16 16-0115	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,701.18	417.87
26 28 16 16-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
		Note: Includes fuses and neutral bar.		
26 28 16 16-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	295.26	100.34
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	401.06	120.76
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	613.06	141.18
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,131.42	222.72
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,675.02	345.43
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,990.92	511.29
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	409.67	157.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	577.11	209.00
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	795.03	232.18
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,413.97	363.42
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,180.61	596.99
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,644.85	835.74
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	454.32	157.67
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	649.10	209.00
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	860.53	232.18
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,579.00	363.42
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,462.71	596.99
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,823.66	835.74
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	403.65	139.55
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	535.07	160.43
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,199.24	256.40
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,561.27	426.75
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,420.20	581.53
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	381.22	130.56
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	522.60	181.65
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	789.01	209.00
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,355.81	334.37
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,823.21	557.31
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,778.41	759.61
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	618.19	135.52
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	978.78	162.63
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,222.07	189.15
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,789.83	288.34
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,939.49	461.35
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,887.44	615.33

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,306.16	692.03
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,647.03	807.37
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,059.32	180.62
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,261.98	221.44
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,785.92	254.32
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,518.28	381.43
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,462.11	624.09
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,019.30	858.22
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,706.85	988.22
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,203.15	1,112.43
26 28 16 16-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	792.17	213.38
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,252.49	282.58
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,506.87	310.26
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,236.18	480.39
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,815.04	801.02
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,008.51	1,068.03
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,206.02	252.94
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,439.66	310.03
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,922.30	355.94
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,793.92	534.01
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,861.65	873.80
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,555.08	1,201.47
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,913.90	1,384.06
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,843.92	1,557.06
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	867.88	213.38
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,254.68	282.58
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,613.33	310.26
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,307.18	480.39
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,880.18	801.02
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,724.96	1,068.03
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,512.87	1,211.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,079.70	1,384.06
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,249.46	253.17
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,488.50	310.26
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,030.85	355.82
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,864.48	534.01
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,116.75	873.68
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,848.17	1,201.24
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,836.80	1,384.06
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,060.42	1,557.06
26 28 16 16-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	586.05	118.69
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	954.49	164.35
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,252.74	188.46
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,671.22	305.18
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,706.94	509.10
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,739.64	678.77
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,819.90	807.71
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,272.06	923.04
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	659.60	130.79
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,081.44	183.05
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,414.06	206.69
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,853.33	320.40
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,203.46	534.01
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,274.86	711.98
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,537.88	846.12
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,213.47	961.11
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	704.71	177.96
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,118.79	246.47
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,441.19	282.70
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,976.35	457.77
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,270.55	763.53
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,525.20	1,017.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,746.86	1,211.04
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,534.44	1,384.06
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	765.94	196.08
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,219.84	274.62
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,558.46	310.03
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,097.90	480.62
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,541.16	800.90
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,016.81	1,067.91
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,528.04	1,268.72
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,559.76	1,441.72
26 28 16 16-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	420.55	196.08
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,264.52	274.62
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,620.75	310.03
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,173.71	480.62
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,737.43	800.90
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,986.82	1,067.91
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,511.24	1,268.72
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,536.90	1,441.72
26 28 16 16-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	381.01	117.87
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	535.56	141.41
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	702.62	164.47
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,433.82	250.74
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,490.06	401.14
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,171.74	535.16
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	517.32	185.81
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	744.74	245.78
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	912.52	269.66
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,769.08	417.87
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,082.65	696.41
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,967.75	928.93

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	579.90	185.69
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	807.52	245.78
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,114.59	269.66
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,899.58	417.87
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,166.47	696.53
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,621.97	928.93
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,869.79	1,052.34
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	343.54	103.23
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	560.11	142.90
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	589.87	163.89
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,463.54	265.28
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,573.76	442.67
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,284.71	590.18
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	537.18	154.78
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	772.62	214.30
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,125.72	245.78
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,933.15	398.03
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,621.96	115.34
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,948.42	138.98
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,965.38	162.40
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,487.10	256.29
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,145.34	397.68
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,021.88	588.00
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,056.86	128.14
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,288.26	154.32
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,287.74	180.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,062.20	284.88
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,576.85	442.21
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,601.06	653.28
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,826.76	181.31
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,290.68	240.25
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,354.63	267.01
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,193.30	417.87
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,065.43	686.49
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,216.87	961.11
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,206.65	200.23
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,519.68	267.01
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,539.82	300.34
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,424.85	457.66
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,462.91	739.32
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,735.48	1,067.91
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,180.78	181.31
26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,733.24	240.25
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,240.20	267.01
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,404.26	417.87
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,448.77	686.49
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,492.16	961.11
26 28 16 16-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,624.96	200.23
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,994.04	267.01
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,443.76	300.34
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,645.94	457.66
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,878.41	739.32
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,055.41	1,067.91
26 28 16 16-0332		Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,556.64	115.34
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,896.45	160.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,559.75	184.54
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,942.34	294.80
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,993.87	490.88
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,878.44	668.72
26 28 16 16-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,769.92	127.22
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,160.31	179.93
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,056.55	205.07
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,615.40	320.40
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,211.36	527.32
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,666.17	738.16
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,626.32	150.17
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,968.32	209.00
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,056.07	240.25
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,959.56	384.42
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,634.21	640.82
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,668.61	873.80
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,846.81	165.74
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,269.40	234.48
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,180.42	267.01
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,810.27	417.87
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,588.15	686.49
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,546.38	961.11
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,231.54	150.17
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,678.21	209.00
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,007.33	240.25
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,165.64	384.42
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,538.50	165.74
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,052.07	234.48
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,850.26	267.01

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,432.04	417.87
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,952.76	200.11
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,369.04	267.01
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,040.57	300.46
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,868.22	457.89
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,763.19	165.51
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,171.47	234.72
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,708.92	267.01
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,764.75	418.10
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,373.96	200.11
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,840.36	267.01
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,931.90	300.46
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0388	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,161.73	165.51
26 28 16 16-0389	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,617.73	234.72
26 28 16 16-0390	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,564.46	267.01
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)* Note: With fuses and neutral bar.		
26 28 16 16-0393	EA	30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,674.53	230.68
26 28 16 16-0394	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,021.26	274.62
26 28 16 16-0395	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,350.97	310.03
26 28 16 16-0396	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	7,095.93	480.62
26 28 16 16-0397		Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0398	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,085.38	274.62
26 28 16 16-0399	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,439.53	310.03
26 28 16 16-0400	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,477.34	480.62
26 28 16 16-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0402		Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* Note: With fuses and neutral bar.		
26 28 16 16-0403		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		

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26 28 16 16-0404	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	598.12	115.34
26 28 16 16-0405	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	780.11	138.98
26 28 16 16-0406	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,062.22	162.63
26 28 16 16-0407	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,790.11	256.05
26 28 16 16-0408	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,807.73	397.91
26 28 16 16-0409	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,864.05	588.23
26 28 16 16-0410		600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0411	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	934.76	128.03
26 28 16 16-0412	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	965.65	154.55
26 28 16 16-0413	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,387.47	180.50
26 28 16 16-0414	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,170.98	284.88
26 28 16 16-0415	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,721.79	441.75
26 28 16 16-0416	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,322.08	653.39
26 28 16 16-0417		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0418	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	833.01	181.08
26 28 16 16-0419	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,153.02	240.48
26 28 16 16-0420	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,568.94	267.01
26 28 16 16-0421	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,333.73	418.10
26 28 16 16-0422	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,569.90	686.26
26 28 16 16-0423	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,324.95	961.34
26 28 16 16-0424		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0425	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,106.08	200.11
26 28 16 16-0426	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,255.84	267.01
26 28 16 16-0427	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,843.63	300.46
26 28 16 16-0428	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,684.77	457.89
26 28 16 16-0429	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,609.06	739.32
26 28 16 16-0430	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,526.92	1,068.03
26 28 16 16-0431		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0432	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	889.18	181.08
26 28 16 16-0433	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,191.60	240.48
26 28 16 16-0434	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,690.05	267.01
26 28 16 16-0435	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,485.77	418.10
26 28 16 16-0436	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,976.99	686.26
26 28 16 16-0437	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,599.97	961.34
26 28 16 16-0438		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		

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26 28 16 16-0439	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,171.19	200.11
26 28 16 16-0440	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,429.53	267.01
26 28 16 16-0441	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,963.05	300.46
26 28 16 16-0442	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,912.72	457.89
26 28 16 16-0443	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,978.13	739.32
26 28 16 16-0444	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,830.85	1,068.03
26 28 16 16-0445		Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)*		
26 28 16 16-0446		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0447	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	625.46	166.67
26 28 16 16-0448	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	829.99	232.41
26 28 16 16-0449	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,098.48	267.01
26 28 16 16-0450	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,568.95	427.32
26 28 16 16-0451	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,439.16	712.21
26 28 16 16-0452	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,438.18	971.15
26 28 16 16-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0454	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	697.06	183.97
26 28 16 16-0455	EA	60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	922.57	260.67
26 28 16 16-0456	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,224.25	296.42
26 28 16 16-0457	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,704.71	464.24
26 28 16 16-0458	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,642.10	762.96
26 28 16 16-0459	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,008.44	1,068.03
26 28 16 16-0460		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0461	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	805.61	149.94
26 28 16 16-0462	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,060.49	208.76
26 28 16 16-0463	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,410.15	240.48
26 28 16 16-0464	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,014.88	384.65
26 28 16 16-0465	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,235.78	640.70
26 28 16 16-0466	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,677.42	873.68
26 28 16 16-0467		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0468	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	789.53	165.51
26 28 16 16-0469	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,147.30	234.72
26 28 16 16-0470	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,510.93	267.01
26 28 16 16-0471	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,991.86	418.10
26 28 16 16-0472	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,255.12	686.26
26 28 16 16-0473	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,946.92	961.34
26 28 16 16-0474		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0475	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	966.28	149.94
26 28 16 16-0476	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,151.87	208.76
26 28 16 16-0477	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,784.48	240.48
26 28 16 16-0478	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,829.88	384.65
26 28 16 16-0479	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,108.43	490.19
26 28 16 16-0480		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0481	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,004.46	165.51
26 28 16 16-0482	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,255.85	234.72
26 28 16 16-0483	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,907.15	267.01
26 28 16 16-0484	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,909.11	418.10
26 28 16 16-0485	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,440.95	645.89
26 28 16 16-0486		Double Throw Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0487		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0488		240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0489	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	751.08	148.20
26 28 16 16-0490	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,107.54	193.77
26 28 16 16-0491	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,552.05	253.17
26 28 16 16-0492	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,068.99	329.28
26 28 16 16-0493	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,962.48	411.76
26 28 16 16-0494	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,021.28	660.30
26 28 16 16-0495	EA	800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,361.75	922.70
26 28 16 16-0496	EA	1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,245.19	1,038.04
26 28 16 16-0497	EA	1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,957.81	1,153.38
26 28 16 16-0498		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0499	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	949.37	207.61
26 28 16 16-0500	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,323.74	271.04
26 28 16 16-0501	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,988.41	354.66
26 28 16 16-0502	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,915.22	461.35
26 28 16 16-0503	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,838.94	576.69
26 28 16 16-0504	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,552.41	922.70
26 28 16 16-0505	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,178.91	1,038.04
26 28 16 16-0506	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,963.11	1,153.38
26 28 16 16-0507	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,918.20	1,268.72
26 28 16 16-0508		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0509	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,260.17	259.51
26 28 16 16-0510	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,830.36	339.10
26 28 16 16-0511	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,235.99	442.90
26 28 16 16-0512	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,430.34	575.54
26 28 16 16-0513	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,894.70	720.86
26 28 16 16-0514	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,272.38	1,155.10
26 28 16 16-0515	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,251.68	1,268.72
26 28 16 16-0516	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,930.56	1,326.38
26 28 16 16-0517	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,225.90	1,384.06
26 28 16 16-0518		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0519	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,276.84	193.77
26 28 16 16-0520	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,917.03	253.17
26 28 16 16-0521	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,822.45	329.28
26 28 16 16-0522	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,628.17	411.76

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 16-0523	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,801.34	660.30
	26 28 16 16-0524	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,213.42	922.70
	26 28 16 16-0525	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,562.10	1,038.04
	26 28 16 16-0526	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,522.92	1,153.38
	26 28 16 16-0527		600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
	26 28 16 16-0528	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,431.22	271.04
	26 28 16 16-0529	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,119.44	354.66
	26 28 16 16-0530	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,085.46	461.35
	26 28 16 16-0531	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,957.77	576.69
	26 28 16 16-0532	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,327.73	922.70
	26 28 16 16-0533	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,089.18	1,038.04
	26 28 16 16-0534	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,613.40	1,153.38
	26 28 16 16-0535	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,556.28	1,268.72
	26 28 16 16-0536		600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
	26 28 16 16-0537	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,936.33	339.10
	26 28 16 16-0538	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,389.24	442.90
	26 28 16 16-0539	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,746.97	575.54
	26 28 16 16-0540	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,569.55	720.86
	26 28 16 16-0541	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,028.08	1,155.10
	26 28 16 16-0542	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,423.10	1,268.72
	26 28 16 16-0543	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,558.34	1,326.38
	26 28 16 16-0544	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,071.67	1,384.06
	26 28 16 16-0545		NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
	26 28 16 16-0546		240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0545)*		
	26 28 16 16-0547	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,935.81	253.17
	26 28 16 16-0548	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,424.50	329.28
	26 28 16 16-0549	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,451.34	411.76
	26 28 16 16-0550	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	24,886.76	660.30
	26 28 16 16-0551		240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0545)*		
	26 28 16 16-0552	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,538.72	354.08
	26 28 16 16-0553	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,092.02	460.77
	26 28 16 16-0554	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,909.34	576.69
	26 28 16 16-0555	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,220.86	924.43
	26 28 16 16-0556		240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0545)*		
	26 28 16 16-0557	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,441.93	259.62
	26 28 16 16-0558	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,029.16	338.87
	26 28 16 16-0559	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,245.63	442.78
	26 28 16 16-0560	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,135.88	575.77
	26 28 16 16-0561	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,402.92	720.86
	26 28 16 16-0562	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,154.45	1,155.22
	26 28 16 16-0563		600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0545)*		
	26 28 16 16-0564	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,640.53	193.77
	26 28 16 16-0565	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,494.45	253.17
	26 28 16 16-0566	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,532.96	329.28
	26 28 16 16-0567	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,708.71	411.76
	26 28 16 16-0568	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,644.78	660.30
	26 28 16 16-0569		600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0545)*		
	26 28 16 16-0570	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,861.62	271.04
	26 28 16 16-0571	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,801.74	354.08
	26 28 16 16-0572	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,999.85	460.77
	26 28 16 16-0573	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,453.34	576.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0574	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,713.85	924.43
26 28 16 16-0575		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0545)*		
26 28 16 16-0576	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,053.70	338.87
26 28 16 16-0577	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,256.88	442.78
26 28 16 16-0578	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,292.16	575.77
26 28 16 16-0579	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,384.47	720.86
26 28 16 16-0580	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,256.16	1,155.22
26 28 16 16-0581		**NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0582		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0583	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,950.61	148.32
26 28 16 16-0584	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,211.07	193.65
26 28 16 16-0585	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,503.95	253.05
26 28 16 16-0586	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,441.11	329.05
26 28 16 16-0587	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,417.27	411.87
26 28 16 16-0588	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,414.46	660.07
26 28 16 16-0589		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0590	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,243.81	207.61
26 28 16 16-0591	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,655.56	271.04
26 28 16 16-0592	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,153.38	354.08
26 28 16 16-0593	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,394.50	460.77
26 28 16 16-0594	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,993.76	576.69
26 28 16 16-0595	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,572.82	924.43
26 28 16 16-0596		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0597	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,349.26	259.62
26 28 16 16-0598	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,920.77	338.87
26 28 16 16-0599	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,374.19	442.78
26 28 16 16-0600	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,299.09	575.77
26 28 16 16-0601	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,490.95	720.86
26 28 16 16-0602	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	16,777.94	1,155.22
26 28 16 16-0603		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0604	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,913.26	193.65
26 28 16 16-0605	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,066.44	253.05
26 28 16 16-0606	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,804.66	329.05
26 28 16 16-0607	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,372.72	411.87
26 28 16 16-0608	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,248.91	660.07
26 28 16 16-0609		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0610	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,201.10	271.04
26 28 16 16-0611	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,403.73	354.08
26 28 16 16-0612	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,338.28	460.77
26 28 16 16-0613	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,099.35	576.69
26 28 16 16-0614	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,296.73	924.43
26 28 16 16-0615		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0581)*		
26 28 16 16-0616	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,960.77	338.87
26 28 16 16-0617	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,669.28	442.78
26 28 16 16-0618	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,473.02	575.77
26 28 16 16-0619	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,865.33	720.86
26 28 16 16-0620	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,274.18	1,155.22
26 28 16 16-0621		**Removal And Reinstallation Of Disconnect Switches** *(26 28 16 16-0001)*		
		Note: Includes storage and cleaning.		
26 28 16 16-0622	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	576.69	
26 28 16 16-0623	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	749.72	
26 28 16 16-0624	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	836.26	
26 28 16 16-0625	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	980.43	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0626		Bolted Contact Switches *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0627		Electrical Trip, Bolted Contact Switches *(26 28 16 16-0626)*		
26 28 16 16-0628		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0627)*		
26 28 16 16-0629	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	9,401.38	1,153.38
26 28 16 16-0630	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,167.12	1,384.06
26 28 16 16-0631	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,055.77	1,614.73
26 28 16 16-0632	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	11,663.46	1,845.41
26 28 16 16-0633	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	13,172.63	2,076.08
26 28 16 16-0634	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	16,543.24	2,306.76
26 28 16 16-0635	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	22,324.46	2,768.11
26 28 16 16-0636		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0627)*		
26 28 16 16-0637	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	9,969.18	1,153.38
26 28 16 16-0638	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	10,846.14	1,384.06
26 28 16 16-0639	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	11,728.94	1,614.73
26 28 16 16-0640	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	12,629.32	1,845.41
26 28 16 16-0641	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	14,214.58	2,076.08
26 28 16 16-0642	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	18,498.36	2,306.76
26 28 16 16-0643	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	24,361.53	2,768.11
26 28 16 16-0644		Manually Operated, Bolted Contact Switches *(26 28 16 16-0626)*		
26 28 16 16-0645		Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0644)*		
26 28 16 16-0646	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	6,849.19	1,153.38
26 28 16 16-0647	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	7,645.37	1,384.06
26 28 16 16-0648	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	8,489.54	1,614.73
26 28 16 16-0649	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,326.69	1,845.41
26 28 16 16-0650	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,222.39	2,076.08
26 28 16 16-0651	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	13,593.00	2,306.76
26 28 16 16-0652	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	19,303.98	2,768.11
26 28 16 16-0653		Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0644)*		
26 28 16 16-0654	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	7,224.99	1,153.38
26 28 16 16-0655	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	8,213.17	1,384.06
26 28 16 16-0656	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	9,039.78	1,614.73
26 28 16 16-0657	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	10,053.71	1,845.41
26 28 16 16-0658	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	11,135.56	2,076.08
26 28 16 16-0659	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	15,401.78	2,306.76
26 28 16 16-0660	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	21,200.56	2,768.11
26 29		**Low-Voltage Controllers** *(26 20)*		
26 29 13		**Enclosed Controllers** *(26 29)*		
26 29 13 13		**Across-The-Line Motor Controllers** *(26 29 13)*		
26 29 13 13-0001		Manual Motor Starters *(26 29 13 13)*		
26 29 13 13-0002		Fractional HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	226.95	57.76
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*31.09*	
		For Pilot Light, Add	*45.60*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	297.38	75.10
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*31.09*	
		For Pilot Light, Add	*45.60*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	258.04	57.76
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*31.09*	
		For Pilot Light, Add	*45.60*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	328.46	75.10
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*31.09*	
		For Pilot Light, Add	*45.60*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	240.43	57.76
		For Oversized Enclosure, Add	*31.09*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	314.99	75.10
		For Oversized Enclosure, Add	*31.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	492.55	69.32
		For Pilot Light, Add	*119.18*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	566.08	86.65
		For Pilot Light, Add	*119.18*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	523.64	69.32
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	594.06	86.65
26 29 13 13-0013		**Non Reversing Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	181.54	57.76
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	299.19	75.10
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	205.09	63.55
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	323.74	80.88
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	210.54	57.76
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	329.19	75.10
		For Oversize Enclosure, Add	*15.00*	
		For Pilot Light, Add	*72.00*	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	452.63	69.32
		For Pilot Light, Add	*113.99*	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	559.28	86.65
		For Pilot Light, Add	*113.99*	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	477.19	75.10
		For Pilot Light, Add	*113.99*	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	580.84	92.43
		For Pilot Light, Add	*113.99*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	480.62	69.32
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	595.28	86.65
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	132.88	40.43
		For Pilot Light, Add	*72.00*	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	250.53	57.76
		For Pilot Light, Add	*72.00*	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	156.43	46.22
		For Pilot Light, Add	*72.00*	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	274.08	63.55
		For Pilot Light, Add	*72.00*	
26 29 13 13-0030		**Reversing Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	494.96	103.98
		For Pilot Light, Add	*115.99*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	718.27	138.64
		For Pilot Light, Add	*115.99*	
26 29 13 13-0033		**Two Speed Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	494.96	103.98

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	718.27	138.64
26 29 13 13-0036		**Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	456.81	69.32
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	456.81	69.32
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	952.48	80.88
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	952.48	80.88
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,246.79	80.88
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	582.51	80.88
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	391.06	51.99
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	542.98	75.10
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	542.98	75.10
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,141.24	86.65
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,141.24	86.65
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,458.35	86.65
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	668.68	86.65
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	477.23	57.76
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	715.16	80.88
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	715.16	80.88
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,357.99	92.43
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,357.99	92.43
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,661.63	92.43
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	843.98	92.43
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	652.52	63.55
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	565.57	86.65
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	565.57	86.65
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,061.24	98.21
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,061.24	98.21
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,363.85	98.21
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	692.31	98.21
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	502.93	69.32
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	651.75	92.43
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	651.75	92.43
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,250.01	103.98
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,250.01	103.98
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,574.38	103.98
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	777.45	103.98
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	586.00	75.10
26 29 13 13-0072		**Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,329.24	121.31
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,329.24	121.31
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,171.82	86.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,573.07	132.87
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,415.66	98.21
26 29 13 13-0078		**Two Speed Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,329.24	121.31
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,171.82	86.65
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,573.07	132.87
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,415.66	98.21
26 29 13 13-0083		**Magnetic Motor Starters** *(26 29 13 13)*		
26 29 13 13-0084		**Non Reversing, Magnetic Contactors** *(26 29 13 13-0083)*		
26 29 13 13-0085		**Open Enclosure, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	528.49	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	595.13	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	572.02	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	639.69	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	706.33	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	892.75	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	1,124.77	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	667.67	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	734.31	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	803.00	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	1,025.12	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	1,256.12	236.85
		For Factory Installed Accessory, Deduct	*-473.70*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	1,134.32	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	1,260.64	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	1,642.51	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	1,704.19	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,938.89	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	2,466.89	288.83
		For Factory Installed Accessory, Deduct	*-577.68*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	3,527.55	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	3,854.51	288.83
		For Factory Installed Accessory, Deduct	*-577.68*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	4,236.39	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	5,738.51	404.37
		For Factory Installed Accessory, Deduct	*-808.75*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	7,794.06	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	8,645.89	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	22,464.08	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2)	32,161.86	1,039.82
		For Factory Installed Accessory, Deduct	*-2,079.65*	

26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11)	560.62	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12)	627.25	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5)	604.14	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1)	672.85	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2)	739.49	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3)	927.98	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	1,161.04	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5)	701.87	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1)	770.58	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2)	837.20	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3)	1,060.36	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4)	1,290.32	236.85
		For Factory Installed Accessory, Deduct	*-473.70*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1)	1,287.70	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2)	1,415.05	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3)	1,795.88	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1)	2,005.75	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2)	2,239.42	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3)	2,768.45	288.83
		For Factory Installed Accessory, Deduct	*-577.68*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1)	4,479.41	288.83
		For Factory Installed Accessory, Deduct	*-577.68*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2)	4,861.29	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2)	9,784.80	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2)	27,472.60	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2)	37,184.89	1,039.82
		For Factory Installed Accessory, Deduct	*-2,079.65*	
26 29 13 13-0136		**NEMA 12, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1)	850.06	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2)	916.70	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)	1,014.41	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	1,611.03	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,739.42	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)	2,389.19	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)	2,621.82	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)	6,130.78	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2)	13,033.65	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2)	31,456.20	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	
26 29 13 13-0147		**NEMA 4/4X, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
		Note: Brushed stainless steel enclosure.		
26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12)	1,256.61	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)	1,302.21	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)	1,368.83	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)	1,591.99	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12)	2,478.31	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)	3,744.16	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12)	7,430.32	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12)	13,033.65	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2)	34,851.18	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	
26 29 13 13-0157		**NEMA 7/9, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
		Note: Bolted cast iron enclosure.		
26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2)	2,514.89	184.86
		For Factory Installed Accessory, Deduct	*-369.71*	
26 29 13 13-0159		**Non Reversing, Magnetic Starters** *(26 29 13 13-0083)*		
26 29 13 13-0160		**Open Enclosure, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11)	631.09	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)	654.20	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1)	704.98	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2)	779.90	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4)	1,254.31	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	802.70	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3)	942.91	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	986.43	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	1,228.63	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	1,394.33	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	2,159.63	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	4,576.30	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	10,408.66	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	23,932.54	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	34,474.92	1,039.82
		For Factory Installed Accessory, Deduct	*-2,079.65*	

26 29 13 13-0176 NEMA 1, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	665.29	115.54
		For Factory Installed Accessory, Deduct	*-231.07*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	688.40	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	739.18	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	814.10	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	835.86	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	911.82	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	1,021.67	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,383.04	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,548.74	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	2,461.20	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	5,201.20	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	11,550.68	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	

26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	916.39	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	991.31	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	1,013.08	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	1,089.03	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	1,198.88	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,707.41	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,872.07	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,843.60	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	6,469.65	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	14,796.43	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	35,301.98	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	

26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	916.39	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	991.31	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	1,013.08	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	1,089.03	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	1,198.88	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	1,707.41	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,872.07	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	2,843.60	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	6,469.65	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4)	2,620.90	196.41
		For Factory Installed Accessory, Deduct	*-392.82*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1)	3,224.04	196.41
		For Factory Installed Accessory, Deduct	*-392.82*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3)	3,321.76	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1)	5,153.55	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43)	6,214.21	288.83
		For Factory Installed Accessory, Deduct	*-577.68*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41)	9,905.54	404.37
		For Factory Installed Accessory, Deduct	*-808.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0218		**NEMA 4/4X, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
		Note: Brushed stainless steel enclosure.		
26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11)	1,255.26	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12)	1,331.22	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11)	1,367.50	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13)	1,443.45	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12)	1,553.30	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16)	2,444.23	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	3,964.89	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11)	7,768.16	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	17,292.92	462.14
		For Factory Installed Accessory, Deduct	*-924.29*	
26 29 13 13-0228		**NEMA 4X, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
		Note: Glass polyester enclosure.		
26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	2,612.00	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	4,841.62	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21)	9,538.19	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0232		**NEMA 7/9, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
		Note: Bolted cast iron enclosure.		
26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	2,536.65	184.86
		For Factory Installed Accessory, Deduct	*-369.71*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	2,620.90	196.41
		For Factory Installed Accessory, Deduct	*-392.82*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1)	2,658.21	196.41
		For Factory Installed Accessory, Deduct	*-392.82*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	2,738.32	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2)	2,864.75	207.97
		For Factory Installed Accessory, Deduct	*-415.93*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	4,216.72	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0239		**Reversing, Magnetic Starters** *(26 29 13 13-0083)*		
26 29 13 13-0240		**Open Enclosure, Reversing, Magnetic Starters** *(26 29 13 13-0239)*		
26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,194.73	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,260.02	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,395.05	161.75
		For Factory Installed Accessory, Deduct	*-323.50*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,447.18	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,483.45	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,587.38	184.86
		For Factory Installed Accessory, Deduct	*-369.71*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,653.13	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,690.44	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,896.45	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	4,736.93	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	10,915.92	519.91
		For Factory Installed Accessory, Deduct	*-1,039.82*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	20,360.36	693.22
		For Factory Installed Accessory, Deduct	*-1,386.43*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	66,016.21	1,270.90
		For Factory Installed Accessory, Deduct	*-2,541.79*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,233.81	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,288.00	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,325.31	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,457.23	161.75
		For Factory Installed Accessory, Deduct	*-323.50*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,511.43	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,548.74	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,680.65	184.86
		For Factory Installed Accessory, Deduct	*-369.71*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,746.40	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,783.71	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,138.95	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,156.64	346.61
		For Factory Installed Accessory, Deduct	*-693.22*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	11,686.94	519.91
		For Factory Installed Accessory, Deduct	*-1,039.82*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,776.73	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,814.03	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,049.01	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,582.49	231.07
		For Factory Installed Accessory, Deduct	*-462.14*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,226.49	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,625.77	184.86
		For Factory Installed Accessory, Deduct	*-369.71*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	165.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	282.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	165.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	282.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	282.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	140.09	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	124.73	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	165.97	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	140.09	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	187.25	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	209.82	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	362.27	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	384.72	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	460.23	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	804.13	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	804.13	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	48.18	8.67
		For Factory Installed Accessory, Deduct	*-17.33*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	98.73	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	130.52	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	102.16	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	56.69	8.67
		For Factory Installed Accessory, Deduct	*-17.33*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	34.24	8.67
		For Factory Installed Accessory, Deduct	*-17.33*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	182.64	11.56
		For Factory Installed Accessory, Deduct	*-23.10*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	316.06	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	585.08	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	584.04	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	632.01	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	622.38	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	676.57	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	655.55	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	760.10	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	846.11	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,065.54	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	598.24	127.09
		For Factory Installed Accessory, Deduct	*-254.18*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	646.22	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	644.15	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	695.23	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	683.53	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	738.75	150.20
		For Factory Installed Accessory, Deduct	*-300.39*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	718.76	138.64
		For Factory Installed Accessory, Deduct	*-277.29*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	822.28	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	905.18	173.30
		For Factory Installed Accessory, Deduct	*-346.61*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,125.65	202.19
		For Factory Installed Accessory, Deduct	*-404.37*	

26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	187.25	14.44
		For Factory Installed Accessory, Deduct	*-28.89*	

26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	174.61	57.76
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	204.81	63.55
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	204.81	63.55
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	227.76	69.32
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	193.26	57.76
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	203.63	57.76
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	222.43	63.55
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	232.79	63.55
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	228.65	63.55
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	232.79	63.55
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	248.49	69.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	239.01	63.55
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	258.85	69.32
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	241.08	63.55
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	241.08	63.55
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	269.22	69.32
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	269.22	69.32
26 29 13 13-0343		Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*		
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	250.26	57.76
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	270.99	57.76
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	300.15	63.55
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	300.15	63.55
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	320.88	63.55
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	336.58	69.32
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	336.58	69.32
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	288.60	57.76
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	309.33	57.76
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	336.43	63.55
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	357.15	63.55
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	379.07	69.32
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	399.79	69.32
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	325.03	63.55
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	373.73	63.55
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	422.59	69.32
26 29 13 13-0360		Panel Mounted Miniature Contactor Accessories *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	74.03	28.89
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	82.03	28.89
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	96.52	28.89
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	125.34	28.89
26 29 13 13-0365		Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole *(26 29 13 13)*		
26 29 13 13-0366		NEMA 1 Enclosure *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,112.62	553.63
		For NEMA 4, Add	*747.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	12,404.95	738.16
		For NEMA 4, Add	*1,365.78*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	21,689.64	876.57
		For NEMA 4, Add	*2,492.76*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	52,826.51	1,072.64
		For NEMA 4, Add	*6,336.33*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	84,260.54	1,372.52
		For NEMA 4, Add	*10,189.30*	

26 29 13 13-0372 NEMA 12 Enclosure *(26 29 13 13-0365)*

26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,062.79	565.38
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	12,313.94	739.32
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	21,523.53	873.80
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	52,404.29	1,067.91
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	83,581.58	1,373.10

26 29 13 13-0378 Factory Modifications Pilot Devices *(26 29 13 13-0365)*

26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	176.17
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	194.29
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	330.72
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	179.69
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	258.38
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	129.19
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	421.67

26 29 13 13-0386 Factory Modifications Meters *(26 29 13 13-0365)*

26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,694.96
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,637.10
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	578.77
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	479.57

26 29 13 13-0391 Factory Modifications Main Circuit Breakers *(26 29 13 13-0365)*

26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,240.14
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,096.94
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	8,714.59

26 29 13 13-0395 Factory Modifications Addition *(26 29 13 13-0365)*

Note: For reversing service auto transformer type.

26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	376.21
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	376.21
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	376.21
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	376.21

26 29 13 13-0400 Combination Starters Non-Reversing *(26 29 13 13)*

26 29 13 13-0401 240-600 Volt, 3-Pole *(26 29 13 13-0400)*

26 29 13 13-0402 NEMA 1 With Disconnect Switch *(26 29 13 13-0401)*

26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,728.63	265.28
		For Electronic Overloads, Add	*226.99*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,096.08	415.21
		For Electronic Overloads, Add	*239.46*	
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,956.63	484.42
		For Electronic Overloads, Add	*379.14*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,522.85	599.75
		For Electronic Overloads, Add	*631.07*	
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,328.84	957.30
		For Electronic Overloads, Add	*1,217.24*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	16,786.95	1,199.52
		For Electronic Overloads, Add	*2,732.98*	

26 29 13 13-0409 NEMA 1 With Circuit Breaker *(26 29 13 13-0401)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,201.25	265.28
		For Electronic Overloads, Add	*316.78*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,568.70	415.21
		For Electronic Overloads, Add	*329.25*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,416.11	484.42
		For Electronic Overloads, Add	*466.44*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,772.29	599.75
		For Electronic Overloads, Add	*678.46*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,759.81	957.30
		For Electronic Overloads, Add	*1,489.13*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	20,580.98	1,199.52
		For Electronic Overloads, Add	*3,453.84*	
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	215.22	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	505.51	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	348.89	
26 29 13 13-0420		**NEMA 4 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,166.92	346.01
		For Electronic Overloads, Add	*466.44*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,481.75	484.42
		For Electronic Overloads, Add	*478.91*	
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,006.39	530.55
		For Electronic Overloads, Add	*748.31*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,990.02	645.89
		For Electronic Overloads, Add	*1,274.61*	
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	12,661.13	957.30
		For Electronic Overloads, Add	*2,040.38*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	27,840.85	1,199.52
		For Electronic Overloads, Add	*4,833.22*	
26 29 13 13-0427		**NEMA 4 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,639.54	346.01
		For Electronic Overloads, Add	*556.24*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,954.37	484.42
		For Electronic Overloads, Add	*568.71*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,465.87	530.55
		For Electronic Overloads, Add	*835.61*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,239.45	645.89
		For Electronic Overloads, Add	*1,322.00*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,092.10	957.30
		For Electronic Overloads, Add	*2,312.26*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	26,357.37	1,199.52
		For Electronic Overloads, Add	*4,551.36*	
26 29 13 13-0434		**Factory Modifications For NEMA 4 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	215.25	
26 29 13 13-0436	EA	H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	505.51	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	348.89	
26 29 13 13-0438		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,788.36	267.01
		For Electronic Overloads, Add	*238.33*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,159.10	417.87
		For Electronic Overloads, Add	*251.43*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,056.40	480.62
		For Electronic Overloads, Add	*398.10*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,688.92	600.68
		For Electronic Overloads, Add	*662.62*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,649.16	961.22
		For Electronic Overloads, Add	*1,278.10*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,506.14	1,201.36
		For Electronic Overloads, Add	*2,869.62*	
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,352.70	267.01
		For Electronic Overloads, Add	*345.56*	
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,726.11	417.87
		For Electronic Overloads, Add	*359.16*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,639.12	480.62
		For Electronic Overloads, Add	*508.81*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,096.65	600.68
		For Electronic Overloads, Add	*740.09*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,471.75	961.22
		For Electronic Overloads, Add	*1,624.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	22,232.24	1,201.36
		For Electronic Overloads, Add	*3,767.58*	
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	213.46	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	501.31	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	345.98	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,151.45	553.63
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,623.92	738.16
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,123.09	1,014.97
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,093.26	1,384.06
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	13,695.77	1,937.67
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.97	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.97	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.97	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,135.61	346.01
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,480.14	484.42
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,607.00	530.55
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,488.93	645.89
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	10,734.33	957.30
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,384.98	346.01
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,746.32	484.42
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,918.61	530.55
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,059.93	645.89
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	11,577.19	957.30
26 29 13 13-0480		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,280.62	356.05
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,634.85	480.62
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,865.62	534.01
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,917.48	640.82
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,631.89	961.22
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,555.38	356.05
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,928.16	480.62
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,208.97	534.01
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,444.78	640.82
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,560.60	961.22
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,035.78	738.16
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,412.93	922.70
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	7,780.73	1,199.52
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,373.76	1,568.59
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	22,574.59	2,122.21
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,695.08	207.61
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	2,044.02	207.61
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)*		
		Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	823.84	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0504		Auxiliary Devices *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	502.35	115.34
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	502.35	115.34
26 29 13 13-0507	EA	Pilot Light Kit	529.77	115.34
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,217.98	400.96
		For 6-Pulse Drive Package, Deduct	*-778.75*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,502.46	438.23
		For 6-Pulse Drive Package, Deduct	*-896.53*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,916.27	481.86
		For 6-Pulse Drive Package, Deduct	*-1,073.90*	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	3,089.26	463.18
		For 6-Pulse Drive Package, Deduct	*-1,189.60*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,308.93	505.00
		For 6-Pulse Drive Package, Deduct	*-1,264.42*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,592.36	505.00
		For 6-Pulse Drive Package, Deduct	*-1,420.31*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	4,292.18	602.96
		For 6-Pulse Drive Package, Deduct	*-1,697.44*	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,701.59	602.96
		For 6-Pulse Drive Package, Deduct	*-1,922.62*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	6,161.71	907.87
		For 6-Pulse Drive Package, Deduct	*-2,390.28*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	7,295.45	907.87
		For 6-Pulse Drive Package, Deduct	*-3,013.84*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,867.90	1,206.02
		For 6-Pulse Drive Package, Deduct	*-3,550.78*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	10,285.06	1,206.02
		For 6-Pulse Drive Package, Deduct	*-4,330.22*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	11,513.27	1,206.02
		For 6-Pulse Drive Package, Deduct	*-5,005.73*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	15,205.13	1,524.57
		For 6-Pulse Drive Package, Deduct	*-6,685.86*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	18,345.55	1,803.53
		For 6-Pulse Drive Package, Deduct	*-8,106.17*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	20,864.95	1,803.53
		For 6-Pulse Drive Package, Deduct	*-9,491.84*	
26 29 23 00-0018		460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)* Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	5,347.93	721.44
		For 6-Pulse Drive Package, Deduct	*-2,147.79*	
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	5,536.88	721.44
		For 6-Pulse Drive Package, Deduct	*-2,251.71*	
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	6,033.56	859.60
		For 6-Pulse Drive Package, Deduct	*-2,372.96*	
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	6,065.05	859.60
		For 6-Pulse Drive Package, Deduct	*-2,390.28*	
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	8,086.06	1,303.18
		For 6-Pulse Drive Package, Deduct	*-3,013.84*	
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	8,526.95	1,303.18
		For 6-Pulse Drive Package, Deduct	*-3,256.32*	
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	10,209.18	1,719.19
		For 6-Pulse Drive Package, Deduct	*-3,723.99*	
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	11,783.80	1,719.19
		For 6-Pulse Drive Package, Deduct	*-4,590.03*	
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	13,421.41	1,719.19
		For 6-Pulse Drive Package, Deduct	*-5,490.72*	
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	17,594.32	2,183.79
		For 6-Pulse Drive Package, Deduct	*-7,274.77*	
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	23,571.01	2,589.70
		For 6-Pulse Drive Package, Deduct	*-10,115.39*	
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	25,082.65	2,589.70
		For 6-Pulse Drive Package, Deduct	*-10,946.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	29,075.80	2,885.73
		For 6-Pulse Drive Package, Deduct	*-12,817.45*	
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	30,713.41	2,885.73
		For 6-Pulse Drive Package, Deduct	*-13,718.13*	
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	34,114.60	2,885.73
		For 6-Pulse Drive Package, Deduct	*-15,588.79*	
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	39,339.75	3,482.73
		For 6-Pulse Drive Package, Deduct	*-17,805.86*	
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	49,456.12	3,638.16
		For 6-Pulse Drive Package, Deduct	*-23,198.88*	
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	58,031.90	4,174.66
		For 6-Pulse Drive Package, Deduct	*-27,325.41*	
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	66,848.99	4,527.55
		For 6-Pulse Drive Package, Deduct	*-31,786.58*	
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	77,590.98	4,888.82
		For 6-Pulse Drive Package, Deduct	*-37,297.39*	
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	83,613.75	5,301.41
		For 6-Pulse Drive Package, Deduct	*-40,156.02*	

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	31,569.33	231.31
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	35,744.67	257.01
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	37,468.16	282.72
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	42,731.82	308.41
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	45,128.01	359.82
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	48,043.99	462.62
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	52,066.41	514.03
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	59,549.18	585.99
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	71,817.53	632.25
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	84,418.30	719.64
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	100,783.32	771.04
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	113,812.51	822.44

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0002 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0003 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0004	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,033.05	109.57
		For >50, Deduct	*-181.39*	
26 31 00 00-0005	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,131.38	109.57
		For >50, Deduct	*-191.22*	
26 31 00 00-0006	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	1,994.48	109.57
		For >50, Deduct	*-177.53*	

26 31 00 00-0007 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0008	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,590.30	109.57
		For >50, Deduct	*-137.12*	
26 31 00 00-0009	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,809.78	109.57
		For >50, Deduct	*-159.06*	
26 31 00 00-0010	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	1,844.54	109.57
		For >50, Deduct	*-162.54*	
26 31 00 00-0011	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,735.89	109.57
		For >50, Deduct	*-151.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0012		BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0002)*		
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0013	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	781.84	109.57
		For >50, Deduct	*-56.27*	
26 31 00 00-0014	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	966.54	109.57
		For >50, Deduct	*-74.74*	
26 31 00 00-0015	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,040.43	109.57
		For >50, Deduct	*-82.13*	
26 31 00 00-0016		Photovoltaic Inverters *(26 31)*		
26 31 00 00-0017		Fronius Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	4,850.68	115.34
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	6,399.92	115.34
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	6,755.86	115.34
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	7,554.43	115.34
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	11,965.35	115.34
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	13,909.72	115.34
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	11,321.66	230.68
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	14,331.50	230.68
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894)	423.25	57.66
26 31 00 00-0027		SMA Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	3,605.40	115.34
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,328.75	115.34
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,002.86	115.34
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	5,517.50	115.34
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	5,344.14	115.34
26 31 00 00-0033		PVPowered Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0034	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	4,457.45	115.34
26 31 00 00-0035	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	4,662.10	115.34
26 31 00 00-0036	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,151.53	115.34
26 31 00 00-0037	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,107.92	144.17
26 31 00 00-0038	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	7,446.96	173.00
26 31 00 00-0039	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	7,509.26	173.00
26 31 00 00-0040	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	7,923.91	173.00
26 31 00 00-0041	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	94,518.62	922.70
26 31 00 00-0042	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	94,643.77	922.70
26 31 00 00-0043	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	102,416.43	922.70
26 31 00 00-0044	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	94,942.43	922.70
26 31 00 00-0045		Solectria Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0046	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	14,875.28	230.68
26 31 00 00-0047	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	14,875.28	230.68
26 31 00 00-0048	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	15,310.60	230.68
26 31 00 00-0049	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	15,310.60	230.68
26 31 00 00-0050	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	46,608.96	692.03
26 31 00 00-0051	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	44,432.36	692.03
26 31 00 00-0052	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	50,962.16	692.03
26 31 00 00-0053	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	49,752.94	692.03
26 31 00 00-0054	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	54,106.14	692.03
26 31 00 00-0055	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	51,687.70	692.03
26 31 00 00-0056	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	56,985.93	922.70
26 31 00 00-0057	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	54,325.64	922.70
26 31 00 00-0058	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	59,162.53	922.70
26 31 00 00-0059	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	56,018.56	922.70
26 31 00 00-0060		Xantrex Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0061	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	621.01	28.84
26 31 00 00-0062	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	676.96	28.84
26 31 00 00-0063	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,088.18	28.84
26 31 00 00-0064		Photovoltaic DC-DC Converters *(26 31)*		
26 31 00 00-0065	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20)	364.64	43.25
		Note: Hazardous locations.		
26 31 00 00-0066	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	242.96	43.25
26 31 00 00-0067	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	677.56	43.25
26 31 00 00-0068		Photovoltaic Combiner Boxes *(26 31)*		
26 31 00 00-0069		Midnight Solar Photovoltaic Combiner Boxes *(26 31 00 00-0068)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0070	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	435.87	115.34
26 31 00 00-0071	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	424.60	115.34
26 31 00 00-0072	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	675.75	173.00
26 31 00 00-0073	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	679.70	173.00
26 31 00 00-0074	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,045.24	173.00

26 31 00 00-0075 SMA Photovoltaic Combiner Boxes *(26 31 00 00-0068)*

26 31 00 00-0076	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	967.74	115.34
26 31 00 00-0077	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,159.79	115.34
26 31 00 00-0078	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,246.17	230.68
26 31 00 00-0079	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,170.11	230.68
26 31 00 00-0080	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	863.82	115.34

26 31 00 00-0081 Photovoltaic Charge Controller *(26 31)*

26 31 00 00-0082	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	290.76	43.25
26 31 00 00-0083	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	388.55	43.25
26 31 00 00-0084	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	453.74	43.25
26 31 00 00-0085	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	347.26	43.25
26 31 00 00-0086	EA	MPPT Charge Controller (Xantrex XW SCC)	1,206.08	57.66

26 31 00 00-0087 Photovoltaic Batteries *(26 31)*

26 31 00 00-0088 Concorde Photovoltaic Batteries *(26 31 00 00-0087)*

26 31 00 00-0089	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	269.13	17.30
26 31 00 00-0090	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	339.30	23.06
26 31 00 00-0091	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	367.64	23.06
26 31 00 00-0092	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	420.99	34.60
26 31 00 00-0093	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	479.62	34.60
26 31 00 00-0094	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	569.34	40.36
26 31 00 00-0095	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	652.80	46.14
26 31 00 00-0096	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	645.37	46.14
26 31 00 00-0097	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,184.49	54.79
26 31 00 00-0098	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,370.06	57.66

26 31 00 00-0099 Deka Photovoltaic Batteries *(26 31 00 00-0087)*

26 31 00 00-0100	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	281.58	28.89
26 31 00 00-0101	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	388.06	28.89
26 31 00 00-0102	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	572.76	28.89
26 31 00 00-0103	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	655.34	28.89
26 31 00 00-0104	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	657.51	28.89
26 31 00 00-0105	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,274.64	28.89
26 31 00 00-0106	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,474.56	28.89

26 31 00 00-0107 Battery Enclosures *(26 31 00 00-0087)*

26 31 00 00-0108	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	318.42	28.84
26 31 00 00-0109	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,563.65	28.89
26 31 00 00-0110	EA	37"x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,470.21	28.89
26 31 00 00-0111	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	1,959.14	28.89
26 31 00 00-0112	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	872.64	28.89
26 31 00 00-0113	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,052.57	28.89

26 31 00 00-0114 Photovoltaic System Monitoring *(26 31)*

26 31 00 00-0115	EA	Solar Inverter Monitor (Xantrex 864-0203)	672.06	57.66
26 31 00 00-0116	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,392.43	28.84
26 31 00 00-0117	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,163.23	28.84
26 31 00 00-0118	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	213.72	28.84
26 31 00 00-0119	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	528.82	57.66
26 31 00 00-0120	EA	Sunny Boy Control with RS485 (SMA)	1,369.61	28.84
26 31 00 00-0121	EA	RS 485 Module (SMA)	310.58	28.84
26 31 00 00-0122	EA	RS 232 Module (SMA)	318.42	28.84
26 31 00 00-0123	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	597.11	
26 31 00 00-0124	EA	Bluetooth Piggy-Back Computer Card (SMA)	322.65	28.84
26 31 00 00-0125	EA	RS485-N Communication Computer Card (SMA)	320.46	28.84
26 31 00 00-0126	EA	Bluetooth Repeater (SMA)	606.26	28.84
26 31 00 00-0127	EA	Sunny Boy PC Service Cable (SMA)	288.25	8.65
26 31 00 00-0128	EA	Integrated Revenue Grade Meter, Option (PVPowered)	5,573.74	
26 31 00 00-0129	EA	Data Monitoring Module (PVPowered PVM1010)	604.98	28.84
26 31 00 00-0130	EA	Wireless IG Personal Display (Fronius 4,240,108)	606.65	
26 31 00 00-0131	EA	DatCom Power Supply (Fronius 43,0001,2311)	198.09	
26 31 00 00-0132	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	359.66	28.84
26 31 00 00-0133	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	304.03	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0134	EA	Datalogger Pro Box (Fronius 4,240,102)	1,199.10	28.84
26 31 00 00-0135	EA	Datalogger Easy Box (Fronius 4,240,103)	779.39	28.84
26 31 00 00-0136	EA	Datalogger Interface Box (Fronius 4,240,105)	1,353.98	28.84
26 31 00 00-0137	EA	Datalogger Web (Fronius 4,240,122)	2,327.90	28.84
26 31 00 00-0138	EA	Interface Box (Fronius 4,240,109)	624.17	28.84
26 31 00 00-0139	EA	Interface Card (Fronius 4,240,009,Z)	444.86	28.84
26 31 00 00-0140	EA	Interface Card Easy (Fronius 4,240,013,Z)	292.74	28.84
26 31 00 00-0141	EA	Sensor Box (Fronius 4,240,104)	1,252.42	28.84
26 31 00 00-0142	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	137.31	28.84
26 31 00 00-0143	EA	Irradiance Sensor (Fronius 43,0001,1188)	433.81	28.84
26 31 00 00-0144	EA	Module Temperature Sensor (Fronius 43,0001,1190)	483.35	28.84
26 31 00 00-0145	EA	Wind Speed Sensor (Fronius 42,0411,0027)	253.17	57.66

26 31 00 00-0146 Photovoltaic System Accessories *(26 31)*

26 31 00 00-0147	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	922.02	57.66
26 31 00 00-0148	EA	Line Communication Filter (Enphase LCF)	2,010.37	115.34
26 31 00 00-0149	EA	15 Meter RS 485 Communication Cable (SMA)	154.20	8.65
26 31 00 00-0150	EA	15 Meter RS 232 Communication Cable (SMA)	232.43	8.65
26 31 00 00-0151	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	35.35	2.86
26 31 00 00-0152	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	37.97	2.86
26 31 00 00-0153	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	39.45	2.86
26 31 00 00-0154	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	43.56	2.86
26 31 00 00-0155	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	49.72	2.86
26 31 00 00-0156	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	78.90	5.71
26 31 00 00-0157	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	98.02	5.71
26 31 00 00-0158	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	128.62	8.56
26 31 00 00-0159	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	44.59	2.86
26 31 00 00-0160	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	62.04	2.86
26 31 00 00-0161	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	91.23	5.71
26 31 00 00-0162	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	122.03	5.71
26 31 00 00-0163	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	197.85	11.42
26 31 00 00-0164	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	206.55	11.42
26 31 00 00-0165	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	3,681.64	311.41

26 31 00 00-0166 Photovoltaic Mounting Systems *(26 31)*

26 31 00 00-0167	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	12.51	2.89
26 31 00 00-0168	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	35.65	14.41
26 31 00 00-0169	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	45.33	14.41
26 31 00 00-0170	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	24.01	5.76
26 31 00 00-0171	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	11.35	4.33
26 31 00 00-0172	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	24.46	5.76
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	6.54	1.92
26 31 00 00-0174	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	6.86	1.92
26 31 00 00-0175	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	16.96	5.76
26 31 00 00-0176	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	101.16	28.84
26 31 00 00-0177	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	112.12	28.84
26 31 00 00-0178	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	120.94	28.84
26 31 00 00-0179	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	148.56	43.25
26 31 00 00-0180	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	181.42	43.25
26 31 00 00-0181	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	211.23	43.25
26 31 00 00-0182	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	232.16	57.66
26 31 00 00-0183	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	310.65	57.66
26 31 00 00-0184	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	436.45	86.50
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	213.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0186	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	397.28	
26 31 00 00-0187	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	79.29	28.84
26 31 00 00-0188	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	80.29	28.84
26 31 00 00-0189	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	81.22	28.84
26 31 00 00-0190	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	83.52	28.84
26 31 00 00-0191	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	73.18	28.84
26 31 00 00-0192	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	74.34	28.84
26 31 00 00-0193	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	77.74	28.84
26 31 00 00-0194	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	76.78	28.84
26 31 00 00-0195	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	152.82	43.25
26 31 00 00-0196	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	153.52	43.25
26 31 00 00-0197	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	155.59	43.25
26 31 00 00-0198	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	153.43	43.25
26 31 00 00-0199	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	30.66	5.76
26 31 00 00-0200	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	20.08	5.76
26 31 00 00-0201	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	38.23	8.65
26 31 00 00-0202	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	39.81	8.65
26 31 00 00-0203	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	11.14	1.92
26 31 00 00-0204	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	50.99	5.76
26 31 00 00-0205	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.59	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0759 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 16)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0738 for loadbank rental, 23 13 23 13-0001 for fuel day tank.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)	30,634.50	1,003.10
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)	32,506.37	1,235.07
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)	33,529.45	1,354.19
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)	39,301.90	1,554.81
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	42,336.98	1,786.77
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	49,708.47	2,093.98
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,610.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*11,738.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,026.92*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*22,702.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	53,426.34	2,432.52
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	54,715.28	2,883.92
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	60,476.16	3,178.58
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	63,523.20	3,548.47
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	67,482.83	3,887.02
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	72,687.14	4,106.45
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*6,992.67*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,105.81*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,141.08*	
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	75,733.97	4,275.72
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	82,361.51	4,507.69
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	84,179.03	4,708.31
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	94,790.56	5,266.28
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	102,006.08	5,767.84
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0019	EA	450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)	115,027.08	6,212.97
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0020	EA	500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)	120,944.13	6,620.47
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*45,349.20*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*50,214.73*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*66,952.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*55,001.77*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*61,381.07*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*81,841.43*	
26 32 13 13-0021	EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)	175,187.91	7,291.30
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*92,640.09*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*111,560.32*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*148,747.09*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*108,962.80*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*129,966.09*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*173,288.12*	
26 32 13 13-0022	EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)	200,540.95	8,018.55
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*92,640.09*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*111,560.32*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*148,747.09*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*108,962.80*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*129,966.09*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*173,288.12*	
26 32 13 13-0023	EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)	209,375.12	8,194.09
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*92,640.09*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*111,560.32*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*148,747.09*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*108,962.80*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*129,966.09*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*173,288.12*	
26 32 13 13-0024	EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)	255,157.95	8,833.57
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*92,640.09*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*111,560.32*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*148,747.09*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*108,962.80*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*129,966.09*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*173,288.12*	
26 32 13 13-0025	EA	1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)	285,090.55	9,404.08
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*92,640.09*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*111,560.32*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*148,747.09*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*108,962.80*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*129,966.09*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*173,288.12*	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0738 for loadbank rental.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	13,074.68	840.10
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,541.36*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,534.55*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	14,764.51	1,003.10
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,541.36*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,534.55*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	17,012.58	1,115.95
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,541.36*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,534.55*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	19,274.66	1,235.07
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*12,845.71*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	21,608.27	1,354.19
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*12,845.71*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	23,405.75	1,460.77
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*12,845.71*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	25,642.09	1,786.77
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*12,845.71*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	27,525.69	1,999.94
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,193.03*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,848.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,464.87*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*12,845.71*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	35,966.98	2,137.86
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,642.06*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	43,269.79	2,407.44
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,642.06*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	49,602.97	2,883.92
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,642.06*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	58,861.51	3,178.58
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,642.06*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,586.65*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,115.53*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,060.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*21,560.76*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	94,709.98	8,454.78
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*40,782.03*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*45,144.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*60,192.52*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*44,590.15*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*66,912.11*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	107,443.22	3,818.06
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*40,782.03*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*45,144.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*60,192.52*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*44,590.15*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*66,912.11*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	115,567.07	4,275.72
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*40,782.03*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*45,144.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*60,192.52*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*44,590.15*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*66,912.11*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	149,205.29	4,708.31
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*40,782.03*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*45,144.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*60,192.52*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*44,590.15*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*66,912.11*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	160,194.56	5,266.28
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*40,782.03*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*45,144.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*60,192.52*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*44,590.15*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*66,912.11*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	224,698.14	6,212.97
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	287,101.53	6,620.47
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	321,119.50	6,977.83
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	365,566.02	7,291.30
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	382,210.85	7,567.15
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	404,274.99	8,087.51
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*89,049.14*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*94,614.04*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*126,152.05*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*101,144.41*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*142,952.12*	
26 32 13 19-0025		Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*		
26 32 13 19-0026	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	4,423.64	533.32
26 32 13 19-0027	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	5,565.74	592.58
26 32 13 19-0028	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,381.59	635.44

26 32 29 Rotary Converters *(26 32)*

26 32 29 00-0001		60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*		
26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,109.15	230.68
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,098.36	230.68
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,706.44	230.68
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,822.23	230.68
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,451.70	288.34
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,818.47	288.34
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,658.96	288.34
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	22,719.79	380.61
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,253.66	380.61
26 32 29 00-0011		60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*		
26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,549.24	230.68
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,582.09	230.68
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,393.11	230.68
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,792.84	230.68
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,754.11	288.34
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,427.24	288.34
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,036.00	288.34
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	22,629.46	380.61
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	24,008.01	380.61
26 32 29 00-0021		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	26,288.20	4,388.57
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	29,122.46	4,388.57
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	33,107.01	6,269.39
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	38,666.23	6,269.39
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	43,914.33	6,269.39
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	51,510.28	9,404.08
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	62,375.47	9,404.08
26 32 29 00-0029		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	91,429.62	12,538.78
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	99,614.46	12,538.78
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	119,856.57	16,300.41
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	136,226.83	19,811.27
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	161,441.85	19,811.27
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	229,048.26	29,591.51
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	236,867.95	29,591.51
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	272,831.19	34,481.64

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,115.47	28.89
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,205.10	28.89
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	273.50	28.89
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	249.78	28.89
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	418.97	28.89
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	484.58	28.89

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Solid State Chargers, Single Phase *(26 33 43)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,168.62	658.57
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,701.05	658.57
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,074.64	658.57
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,310.13	779.74

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,055.65	114.19
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,260.39	133.22
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,551.31	152.24
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,892.34	171.28
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,422.76	190.31
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	3,887.45	228.37

26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	3,816.66	228.37

26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	5,878.70	304.49
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,430.59	342.56
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	9,598.18	418.67
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,028.66	456.74

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0017		**230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)*		
		Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230)	1,260.39	133.22
		Note: Includes 11 minutes of battery backup at full load.		
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230)	1,551.31	152.24
		Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230)	1,913.25	171.28
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230)	2,427.80	190.31
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230)	3,903.17	228.37
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230)	5,642.29	304.49
		Note: Includes 9 minutes of battery backup at full load.		
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230)	6,922.09	342.56
		Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230)	10,690.72	456.74
		Note: Includes 3 minutes of battery backup at full load.		
26 33 53 00-0026		**Optional Accessories For Single Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT)	690.36	34.60
		Note: Rack mount or tower configuration.		
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT)	903.01	34.60
		Note: Rack mount or tower configuration.		
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT)	879.34	34.60
		Note: Rack mount or tower configuration.		
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT)	598.76	34.60
		Note: Rack mount or tower configuration.		
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	900.11	114.19
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	1,015.45	152.24
26 33 53 00-0033		**Three Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53)*		
26 33 53 00-0034		**208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery** *(26 33 53 00-0033)*		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	38,805.52	456.74
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	42,972.86	608.98
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	48,044.10	761.23
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	52,121.05	913.47
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	62,706.07	1,065.72
26 33 53 00-0040		**208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery** *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	85,094.96	1,816.57
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	92,581.15	2,249.08
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	102,411.97	2,623.94
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	126,399.67	2,969.95
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	131,259.04	3,315.96
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	136,436.21	3,661.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	142,698.07	4,007.99
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	148,959.93	4,353.99
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	79,427.59	1,499.39
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	102,954.31	2,635.46
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	140,654.07	3,044.91
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	165,636.06	3,344.79
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	193,691.31	3,690.80
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	618.98	57.66
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	992.07	57.66
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	1,918.74	115.34
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	5,995.82	461.35
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	589.75	57.66
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	321.88	57.66
26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	360.97	57.66
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	400.06	57.66
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	470.42	57.66
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	493.87	57.66
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	615.04	57.66
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	644.36	57.66
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	5,776.27	105.37
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	6,946.58	210.74
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	29.91	6.33
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel	54.18	7.90
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel	102.16	7.90
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	149.66	10.54
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel	212.99	10.54
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	3,953.08	105.37
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	1,309.53	79.03
26 35		**Power Filters and Conditioners** *(26 30)*		
26 35 33		**Power Factor Correction Equipment** *(26 35)*		
26 35 33 16		**Low-Voltage Power Factor Correction Equipment** *(26 35 33)*		
26 35 33 16-0001		Power Factor Correction Capacitors *(26 35 33 16)*		
26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	710.08	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	786.43	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	862.78	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	936.08	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,149.87	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,404.89	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,169.94	
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	2,635.69	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	3,405.33	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	3,872.60	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	6,795.38	
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	10,217.50	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	13,624.36	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	632.20	
26 35 43		**Static-Frequency Converters** *(26 35)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 43 00-0001		**Rotary Phase Converter With NEMA 1 Indoor Enclosure** *(26 35 43)*		
26 35 43 00-0002	EA	750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure	667.56	115.34
26 35 43 00-0003	EA	2 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,162.23	138.40
26 35 43 00-0004	EA	3 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,332.58	184.54
26 35 43 00-0005	EA	5 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,829.61	230.68
26 35 43 00-0006	EA	7 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,519.92	299.88
26 35 43 00-0007	EA	11 KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,256.22	369.08
26 35 43 00-0008	EA	15 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,084.51	438.29
26 35 43 00-0009	EA	21 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,981.71	495.95
26 35 43 00-0010	EA	29 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,787.21	599.75
26 35 43 00-0011	EA	36 KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,627.03	674.73
26 35 43 00-0012	EA	44 KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,466.84	749.69
26 35 43 00-0013	EA	55 KW Output Rotary Phase Converter With NEMA 1 Enclosure	9,273.00	905.40
26 35 43 00-0014	EA	74 KW Output Rotary Phase Converter With NEMA 1 Enclosure	12,056.66	1,089.94
26 35 43 00-0015	EA	87 KW Output Rotary Phase Converter With NEMA 1 Enclosure	15,289.06	1,326.38
26 35 43 00-0016	EA	110 KW Output Rotary Phase Converter With NEMA 1 Enclosure	17,486.58	1,551.29
26 35 43 00-0017	EA	125 KW Output Rotary Phase Converter With NEMA 1 Enclosure	22,535.33	1,730.07
26 35 43 00-0018	EA	165 KW Output Rotary Phase Converter With NEMA 1 Enclosure	34,494.69	1,960.74
26 35 43 00-0019	EA	220 KW Output Rotary Phase Converter With NEMA 1 Enclosure	51,513.16	2,191.42
26 35 53		**Voltage Regulators** *(26 35)*		
26 35 53 00-0001		Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*		
		Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,795.60	1,833.87
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,749.92	2,306.76
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,628.68	2,745.04
26 36		**Transfer Switches** *(26 30)*		
26 36 13		**Manual Transfer Switches** *(26 36)*		
26 36 13 00-0001		Fused Manual Transfer Switches *(26 36 13)*		
26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,324.00	201.84
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,541.57	250.74
26 36 13 00-0004		Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*		
26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	2,723.67	296.29
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	3,026.70	355.55
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	3,439.18	414.81
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	4,256.65	474.06
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	5,251.02	533.32
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	5,901.39	592.58
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 12 Enclosure, Add	*789.30*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	6,561.73	651.83
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	7,686.10	711.09
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	10,148.30	888.87
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	11,439.13	1,066.64
		For NEMA 3R Enclosure, Add	*1,430.60*	
		For NEMA 12 Enclosure, Add	*1,381.28*	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	15,281.13	1,504.65
		For NEMA 3R Enclosure, Add	*1,430.60*	
		For NEMA 12 Enclosure, Add	*1,381.28*	
26 36 23		**Automatic Transfer Switches** *(26 36)*		
26 36 23 00-0001		Automatic Transfer Switch *(26 36 23)*		
26 36 23 00-0002		Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
		Note: Programmable, 120/240 volt single phase, 3 wire.		
26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	2,508.82	414.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,402.95	533.32
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	5,364.72	711.09
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	8,637.75	888.87
26 36 23 00-0007		**Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)*		
26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	4,013.54	296.29
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 4 Enclosure, Add	*887.96*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	4,637.67	355.55
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 4 Enclosure, Add	*887.96*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0010	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	5,105.33	414.81
		For NEMA 3R Enclosure, Add	*838.64*	
		For NEMA 4 Enclosure, Add	*887.96*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0011	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	6,067.80	474.06
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 4 Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0012	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	6,926.22	533.32
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 4 Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0013	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	7,644.43	592.58
		For NEMA 3R Enclosure, Add	*986.63*	
		For NEMA 4 Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0014	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	7,997.23	651.83
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 4 Enclosure, Add	*1,381.28*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0015	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	9,036.56	711.09
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 4 Enclosure, Add	*1,381.28*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0016	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	12,358.98	888.87
		For NEMA 3R Enclosure, Add	*1,164.22*	
		For NEMA 4 Enclosure, Add	*1,381.28*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0017	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	13,880.47	1,066.64
		For NEMA 3R Enclosure, Add	*1,430.60*	
		For NEMA 4 Enclosure, Add	*1,578.61*	
		For NEMA 12 Enclosure, Add	*1,381.28*	
26 36 23 00-0018	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	18,134.93	1,504.65
		For NEMA 3R Enclosure, Add	*1,430.60*	
		For NEMA 4 Enclosure, Add	*1,578.61*	
		For NEMA 12 Enclosure, Add	*1,381.28*	
26 36 23 00-0019	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	23,443.76	1,630.04
		For NEMA 3R Enclosure, Add	*3,157.20*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*1,479.94*	
26 36 23 00-0020	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	25,035.28	1,880.82
		For NEMA 3R Enclosure, Add	*5,130.44*	
		For NEMA 4 Enclosure, Add	*6,314.39*	
		For NEMA 12 Enclosure, Add	*5,130.44*	
26 36 23 00-0021	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	28,619.32	2,131.59
		For NEMA 3R Enclosure, Add	*5,130.44*	
		For NEMA 4 Enclosure, Add	*6,314.39*	
		For NEMA 12 Enclosure, Add	*5,130.44*	
26 36 23 00-0022	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	34,581.72	2,633.15
		For NEMA 3R Enclosure, Add	*5,130.44*	
26 36 23 00-0023	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	59,611.96	3,134.69
		For NEMA 3R Enclosure, Add	*24,113.04*	
26 36 23 00-0024		**Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)*		
26 36 23 00-0025	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	20,184.44	2,251.79
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*937.30*	
26 36 23 00-0026	EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	21,074.72	2,370.31
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*937.30*	
26 36 23 00-0027	EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	22,093.33	2,488.82
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*937.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0028	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	24,607.74	2,548.09
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*937.30*	
26 36 23 00-0029	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	28,327.31	2,607.34
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*937.30*	
26 36 23 00-0030	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	33,923.49	2,725.86
		For NEMA 3R Enclosure, Add	*1,726.60*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0031	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	37,362.10	2,844.37
		For NEMA 3R Enclosure, Add	*1,775.92*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*1,085.29*	
26 36 23 00-0032	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	46,889.30	3,318.43
		For NEMA 3R Enclosure, Add	*1,775.92*	
		For NEMA 4 Enclosure, Add	*1,775.92*	
		For NEMA 12 Enclosure, Add	*1,085.29*	
26 36 23 00-0033	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	61,410.49	3,761.63
		For NEMA 3R Enclosure, Add	*7,892.98*	
		For NEMA 4 Enclosure, Add	*9,866.22*	
		For NEMA 12 Enclosure, Add	*7,892.98*	
26 36 23 00-0034	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	79,905.85	4,012.41
		For NEMA 3R Enclosure, Add	*16,772.57*	
		For NEMA 4 Enclosure, Add	*16,772.57*	
		For NEMA 12 Enclosure, Add	*15,628.10*	
26 36 23 00-0035	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	90,690.33	4,388.57
		For NEMA 3R Enclosure, Add	*16,772.57*	
		For NEMA 4 Enclosure, Add	*16,772.57*	
		For NEMA 12 Enclosure, Add	*15,628.10*	
26 36 23 00-0036	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	144,568.61	5,015.51
		For NEMA 3R Enclosure, Add	*20,719.06*	
26 36 23 00-0037	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	156,100.79	5,642.45
		For NEMA 3R Enclosure, Add	*20,719.06*	

26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0039	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	6,502.81	296.29
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0040	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	7,041.03	355.55
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0041	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	7,578.34	414.81
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0042	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	9,095.27	474.06
		For Four Pole Circuit Breaker, Add	*2,466.56*	
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0043	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	11,822.46	533.32
		For Four Pole Circuit Breaker, Add	*2,466.56*	
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0044	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	12,593.14	592.58
		For Four Pole Circuit Breaker, Add	*2,466.56*	
		For NEMA 3R Enclosure, Add	*493.31*	
		For NEMA 12 Enclosure, Add	*887.96*	
26 36 23 00-0045	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	13,105.14	651.83
		For Four Pole Circuit Breaker, Add	*3,354.52*	
		For NEMA 3R Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0046	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	14,823.77	711.09
		For Four Pole Circuit Breaker, Add	*3,354.52*	
		For NEMA 3R Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*986.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0047	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	17,993.32	888.87
		For Four Pole Circuit Breaker, Add	*3,354.52*	
		For NEMA 3R Enclosure, Add	*1,282.61*	
		For NEMA 12 Enclosure, Add	*986.63*	
26 36 23 00-0048	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	18,779.43	1,066.64
		For Four Pole Circuit Breaker, Add	*4,785.12*	
		For NEMA 3R Enclosure, Add	*2,210.04*	
		For NEMA 12 Enclosure, Add	*1,381.28*	
26 36 23 00-0049	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	22,368.15	1,504.65
		For Four Pole Circuit Breaker, Add	*4,785.12*	
		For NEMA 3R Enclosure, Add	*2,210.04*	
		For NEMA 12 Enclosure, Add	*1,381.28*	

26 36 23 00-0050 Accessories *(26 36 23)*

26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	228.90	
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	1,874.59	
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	680.77	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	223.26	28.84
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	240.06	28.84
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	251.60	34.60
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	206.94	23.06
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	251.60	34.60

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	306.06	28.84
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	327.20	34.60
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	315.66	28.84
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	327.20	34.60

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	368.46	28.84
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	389.60	34.60
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	342.54	23.06
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	389.60	34.60

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	433.26	28.84
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	489.20	34.60
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	408.54	23.06

26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	759.20	34.60
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	747.66	28.84
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	759.20	34.60

26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	7,355.45	57.66
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	8,997.05	57.66

26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression *(26 43 13)*

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D. EMA series.

26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,544.27	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,911.52	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,698.99	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,569.87	230.68
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,193.92	317.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,696.27	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,078.50	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,956.97	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,904.91	230.68
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,710.92	317.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,696.27	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,078.50	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,956.92	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,904.91	230.68
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,710.92	317.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,848.30	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,247.63	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,217.07	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,242.16	230.68
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,230.03	317.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,024.91	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,423.22	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,488.95	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,595.39	230.68
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,038.93	317.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,773.61	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,348.53	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,891.92	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,860.31	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,476.98	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,059.97	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,860.31	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,476.98	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,059.97	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,970.57	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,615.06	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,275.12	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,086.18	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,761.70	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,500.97	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,555.80	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,923.05	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,710.52	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,707.80	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,090.03	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,968.50	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,707.80	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,090.03	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,968.45	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,859.82	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,259.16	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,228.60	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,036.44	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,434.74	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,500.48	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0087		NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*		
		Note: Square D EBA series. Stainless steel.		
26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,785.14	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,360.06	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,903.45	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,871.84	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,488.51	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,071.50	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,871.84	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,488.51	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,071.50	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,982.10	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,626.59	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,286.65	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,097.70	149.94
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,773.23	173.00
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,512.50	201.84
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 23 Surge Protective Devices for Lightning Protection *(26 43)*

26 43 23 00-0001 Surge And Lightning Arrestors *(26 43 23)*

26 43 23 00-0002 Metal Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For outdoor construction, single phase.

26 43 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,009.56	264.67
26 43 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,084.26	264.67
26 43 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,084.26	264.67
26 43 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,222.98	264.67
26 43 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,222.98	264.67
26 43 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,338.24	264.67
26 43 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,338.24	264.67
26 43 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,812.05	330.83
26 43 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,871.81	330.83
26 43 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,072.00	397.00
26 43 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,225.67	397.00
26 43 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,611.97	397.00

26 43 23 00-0015 Porcelain Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For cubicle mounting, single phase.

26 43 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,009.56	264.67
26 43 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,084.26	264.67
26 43 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,084.26	264.67
26 43 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,222.98	264.67
26 43 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,222.98	264.67
26 43 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,338.24	264.67
26 43 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,338.24	264.67
26 43 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,812.05	330.83
26 43 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,871.81	330.83
26 43 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,072.00	397.00
26 43 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,225.67	397.00

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 43 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,611.97	397.00
26 43 23 00-0028			IMX Accessories *(26 43 23 00-0001)*		
	26 43 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	855.89	264.67
	26 43 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	847.35	264.67
	26 43 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	783.41	264.67
26 43 23 00-0032			Lightning Arrestor And Cutouts *(26 43 23 00-0001)*		
	26 43 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	616.85	264.67
	26 43 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	1,066.41	264.67
	26 43 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	1,009.56	264.67
	26 43 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	663.80	264.67
	26 43 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,190.88	264.67
	26 43 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,222.98	264.67
	26 43 23 00-0039	EA	5 KV Enclosed Fused Cutout	736.79	264.67
	26 43 23 00-0040	EA	15 KV Open Fused Cutout	817.47	330.83
	26 43 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	639.10	264.67
	26 43 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,257.42	264.67

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001			Recessed Fixtures *(26 51 13)* Note: Housing and trim priced separately.		
26 51 13 00-0002			Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*		
	26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	68.04	32.99
			For ICAT Housing, Add	*2.38*	
	26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	68.04	32.99
			For ICAT Housing, Add	*2.38*	
	26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	71.95	34.60
			For ICAT Housing, Add	*2.59*	
	26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	75.94	36.10
			For ICAT Housing, Add	*2.80*	
	26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	79.94	37.60
			For ICAT Housing, Add	*3.02*	
	26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	82.43	39.90
			For ICAT Housing, Add	*2.90*	
26 51 13 00-0009			Recessed Fixture Trim *(26 51 13 00-0001)*		
	26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	47.04	16.15
	26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	51.23	16.15
	26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	58.47	16.15
	26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	62.31	16.15
	26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	51.29	16.15
	26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	49.04	16.15
	26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	51.62	16.15
26 51 13 00-0017			Track Lighting *(26 51 13)*		
26 51 13 00-0018			Track Lighting Tracks *(26 51 13 00-0017)*		
	26 51 13 00-0019	LF	1 Circuit Track Lighting Track	23.52	7.61
	26 51 13 00-0020	LF	2 Circuit Track Lighting Track	30.44	7.61
	26 51 13 00-0021	LF	3 Circuit Track Lighting Track	36.35	7.61
	26 51 13 00-0022	LF	4 Circuit Track Lighting Track	42.27	9.23
26 51 13 00-0023			Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*		
	26 51 13 00-0024	EA	Incandescent Track Lighting Fixture, 120 Volt	59.87	19.26
	26 51 13 00-0025	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	57.44	19.26
	26 51 13 00-0026	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	79.53	19.26
	26 51 13 00-0027	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	81.72	19.26
	26 51 13 00-0028	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	67.44	19.26
	26 51 13 00-0029	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	57.44	19.26
	26 51 13 00-0030	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	66.39	19.26
	26 51 13 00-0031	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	83.91	19.26
26 51 13 00-0032			Track Lighting Accessories *(26 51 13 00-0017)*		
26 51 13 00-0033			Pendant Mounting *(26 51 13 00-0032)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0034	EA	Track Lighting Pendant Mounting, Up to 12"	25.84	
26 51 13 00-0035	EA	Track Lighting Pendant Mounting, >12" To 24"	32.99	
26 51 13 00-0036	EA	Track Lighting Pendant Mounting, >24" To 36"	40.13	
26 51 13 00-0037		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0038		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0037)*		
26 51 13 00-0039	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	126.28	46.14
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0040	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	144.30	46.14
		For Wall Mounted, Add	*5.10*	
26 51 16		**Fluorescent Interior Lighting** ***(26 51)***		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	128.71	32.98
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	144.16	32.98
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	143.11	34.35
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	159.44	34.35
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	170.81	38.56
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	199.72	38.56
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	231.36	38.56
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	146.59	42.15
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	167.26	42.15
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	217.46	49.10
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	233.43	49.10
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	262.30	49.10
26 51 16 00-0020		Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)* Note: Includes prismatic lens.		
26 51 16 00-0021		1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	169.99	38.25
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	262.46	38.25
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	297.35	38.25
26 51 16 00-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	254.49	42.15
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	277.52	42.15
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	294.72	42.15
26 51 16 00-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	260.89	49.10
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	284.92	49.10
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	298.91	49.10
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	321.03	49.10
26 51 16 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	498.47	63.22
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	509.39	63.22
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	576.36	63.22
26 51 16 00-0038		Recessed Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	173.74	32.98
		For Drywall Or Plaster Ceilings, Add	*22.28*	
26 51 16 00-0042		**1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	217.57	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	371.73	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0045		**2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	223.11	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	251.04	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	256.35	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	276.58	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0050		**2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	222.49	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	290.84	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	296.30	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	328.99	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	291.74	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	383.13	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	397.87	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0058		**Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0059		**1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	192.63	32.98
		For Drywall Or Plaster Ceilings, Add	*22.28*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	197.93	32.98
		For Drywall Or Plaster Ceilings, Add	*22.28*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	227.42	32.98
		For Drywall Or Plaster Ceilings, Add	*22.28*	
26 51 16 00-0063		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	217.63	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	223.09	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	248.43	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0067		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	228.37	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	233.67	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	262.76	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0071		**2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	222.49	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	253.45	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	283.00	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	318.11	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0076		**Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0077		**1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	369.34	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	374.80	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	435.83	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	450.57	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0082		2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	308.39	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	341.18	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	416.65	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0086		2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	344.65	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	415.42	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	437.97	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	483.98	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0091		Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	295.34	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	377.52	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	297.33	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	334.08	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	330.58	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	331.19	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	283.51	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	276.88	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	329.11	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	568.68	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	375.01	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	272.34	38.25
		For Drywall Or Plaster Ceilings, Add	*26.08*	
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	276.62	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	335.37	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	343.01	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	353.09	49.10
		For Drywall Or Plaster Ceilings, Add	*33.19*	
26 51 16 00-0119		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	134.86	31.61
26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	157.88	31.61
26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	159.30	35.08
26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	163.73	38.56
26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	198.07	45.68
26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	163.60	35.08
26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	170.88	38.56
26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	174.46	42.15
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	220.91	35.08
26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	219.52	38.56
26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	222.26	42.15
26 51 16 00-0134		Display Case Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	108.75	34.60
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	131.21	34.60
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	141.87	40.36
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	144.00	40.36
26 51 16 00-0139		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	178.44	31.61
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	191.48	38.56
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	324.09	49.10
26 51 16 00-0144		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0145	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	189.00	35.08
26 51 16 00-0146	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	202.22	42.15
26 51 16 00-0147	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	335.01	49.10
26 51 16 00-0148		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0149	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	197.93	35.08
26 51 16 00-0150	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	210.41	42.15
26 51 16 00-0151	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	304.80	49.10
26 51 16 00-0152		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0153	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	271.39	42.15
26 51 16 00-0154	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	388.29	49.10
26 51 16 00-0155		Flanged Fluorescent Fixture *(26 51 16 00-0001)* Note: For plaster or drywall application. With electronic ballast.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0156	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	270.17	63.22
26 51 16 00-0157	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	311.91	63.22
26 51 16 00-0158	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	317.37	63.22
26 51 16 00-0159		**Undercabinet Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0160	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	97.74	28.45
26 51 16 00-0161	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	115.23	34.77
26 51 16 00-0162	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	113.85	34.77
26 51 16 00-0163	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	134.00	37.93
26 51 16 00-0164	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	155.92	44.26
26 51 16 00-0165		**Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)*		
		Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0166		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0167	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	165.18	31.61
26 51 16 00-0168	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	183.96	31.61
26 51 16 00-0169		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0170	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	186.84	33.19
26 51 16 00-0171	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	205.26	33.19
26 51 16 00-0172		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0173	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	184.50	34.77
26 51 16 00-0174	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	202.70	34.77
26 51 16 00-0175		**Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0176		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0175)*		
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0177		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0178	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	235.05	53.05
26 51 16 00-0179	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	239.57	53.05
26 51 16 00-0180		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0181	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	307.65	53.05
26 51 16 00-0182	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	313.96	53.05
26 51 16 00-0183		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0184	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	318.98	53.05
26 51 16 00-0185	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	323.50	53.05
26 51 16 00-0186		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0175)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0187		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0188	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	622.50	53.05
26 51 16 00-0189	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	627.02	53.05
26 51 16 00-0190		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0191	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	486.77	53.05
26 51 16 00-0192	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	493.08	53.05
26 51 16 00-0193		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0194	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	563.69	53.05
26 51 16 00-0195	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	568.20	53.05
26 51 16 00-0196		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0175)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0197		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0198	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	224.63	53.05
26 51 16 00-0199	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	229.14	53.05
26 51 16 00-0200		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0201	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	226.42	53.05
26 51 16 00-0202	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	232.73	53.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0203		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0196)*		
26 51 16 00-0204	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	216.64	53.05
26 51 16 00-0205	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	221.15	53.05
26 51 16 00-0206		Low Occupancy, Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	275.18	38.56
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	280.45	42.15
26 51 16 00-0209		Ceiling Mounted Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0210		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0211		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0210)*		
26 51 16 00-0212	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	114.29	46.14
26 51 16 00-0213	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	129.71	46.14
26 51 16 00-0214		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0215		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0216	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	104.53	46.14
26 51 16 00-0217	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	113.86	46.14
26 51 16 00-0218		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0219	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	134.73	46.14
26 51 16 00-0220	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	177.18	46.14
26 51 16 00-0221	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	206.60	46.14
26 51 16 00-0222	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	148.48	46.14
26 51 16 00-0223	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	178.05	46.14
26 51 16 00-0224	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	206.60	46.14
26 51 16 00-0225		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0226		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0225)*		
26 51 16 00-0227	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	139.99	46.14
26 51 16 00-0228	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	167.08	46.14
26 51 16 00-0229	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	193.51	46.14
26 51 16 00-0230	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	116.24	46.14
26 51 16 00-0231	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	132.43	46.14
26 51 16 00-0232	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	163.12	46.14
26 51 16 00-0233		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0209)*		
26 51 16 00-0234		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 16 00-0233)*		
26 51 16 00-0235	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	189.10	37.90
26 51 16 00-0236		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 16 00-0233)*		
26 51 16 00-0237	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	212.57	37.90
26 51 16 00-0238	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	288.31	37.90
26 51 16 00-0239		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0240	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	281.56	37.90
26 51 16 00-0241	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	298.45	37.90
26 51 16 00-0242	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	357.12	37.90
26 51 16 00-0243	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	372.51	37.90
26 51 16 00-0244	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	444.27	37.90
26 51 16 00-0245	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	529.33	37.90
26 51 16 00-0246		Fluorescent, Recessed Fixture Housings *(26 51 16)*		
26 51 16 00-0247	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	97.34	32.99
		For ICAT Housing, Add	*6.16*	
26 51 16 00-0248	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	99.94	32.99
		For ICAT Housing, Add	*6.49*	
26 51 16 00-0249	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	104.21	34.49
		For ICAT Housing, Add	*6.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0250	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	109.39	35.75
		For ICAT Housing, Add	*7.12*	
26 51 16 00-0251	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	114.01	37.60
		For ICAT Housing, Add	*7.42*	
26 51 16 00-0252	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	118.66	39.90
		For ICAT Housing, Add	*7.57*	
26 51 16 00-0253		**Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0254	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	108.52	32.99
		For ICAT Housing, Add	*7.60*	
26 51 16 00-0255	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	111.08	32.99
		For ICAT Housing, Add	*7.93*	
26 51 16 00-0256	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	115.44	34.60
		For ICAT Housing, Add	*8.20*	
26 51 16 00-0257	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	119.14	36.10
		For ICAT Housing, Add	*8.38*	
26 51 16 00-0258	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	123.25	37.60
		For ICAT Housing, Add	*8.61*	
26 51 16 00-0259	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	127.70	39.90
		For ICAT Housing, Add	*8.74*	
26 51 16 00-0260		**Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0261	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	284.75	19.26
26 51 16 00-0262	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	293.51	19.26
26 51 16 00-0263	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	298.98	19.26
26 51 16 00-0264	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	193.10	19.26
26 51 16 00-0265	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	321.27	19.26
26 51 16 00-0266		**Compact Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0267	EA	Compact Fluorescent Track Lighting Fixture	68.30	19.26
26 51 16 00-0268		**Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)*		
26 51 16 00-0269	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	135.58	46.14
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0270	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	139.12	46.14
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0271	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	147.88	46.14
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0272		**Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0273		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0272)*		
26 51 16 00-0274		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0273)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0275	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	217.14	49.10
		For T5 Fixture Instead Of T8, Add	*16.42*	
26 51 16 00-0276	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	227.02	49.10
		For T5 Fixture Instead Of T8, Add	*17.55*	
26 51 16 00-0277	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	334.61	49.10
		For T5 Fixture Instead Of T8, Add	*29.87*	
26 51 16 00-0278	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	298.01	49.10
26 51 16 00-0279	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	460.23	49.10
26 51 16 00-0280		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W)** *(26 51 16 00-0273)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0281	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	340.33	49.10
26 51 16 00-0282	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	344.16	49.10
26 51 16 00-0283	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	502.39	49.10
26 51 16 00-0284	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	416.20	49.10
26 51 16 00-0285	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	435.17	49.10
26 51 16 00-0286		**8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0272)* Note: Includes high impact acrylic molded lens.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0287		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0286)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0288	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	387.21	66.70
		For T5 Fixture Instead Of T8, Add	*32.87*	
26 51 16 00-0289	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	403.29	66.70
		For T5 Fixture Instead Of T8, Add	*34.71*	
26 51 16 00-0290		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0291		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0292		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0291)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0293	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	473.70	107.48
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0294	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	495.45	119.07
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0295	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	561.09	135.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0296	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	672.83	143.20
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0297	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	731.23	149.84
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0298	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	423.86	135.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0299	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	445.31	143.20
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0300	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	509.38	149.84
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0301		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0302		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0301)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0303	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	478.90	107.48
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0304	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	500.68	119.07
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0305	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	569.84	135.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0306	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	690.68	143.20
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0307	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	447.53	135.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0308	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	492.67	143.20
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0309	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	575.15	149.84
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 19 LED Interior Lighting *(26 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0001		LED Fixtures *(26 51 19)*		
26 51 19 00-0002		Undercabinet LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	151.13	28.45
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.74*	
		For >250 To 500, Deduct	*-15.11*	
		For >500, Deduct	*-21.48*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	189.30	34.77
		For >50 To 100, Deduct	*-6.18*	
		For >100 To 250, Deduct	*-10.91*	
		For >250 To 500, Deduct	*-18.93*	
		For >500, Deduct	*-26.95*	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	199.27	34.77
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-11.41*	
		For >250 To 500, Deduct	*-19.93*	
		For >500, Deduct	*-28.44*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	152.37	28.45
		For >50 To 100, Deduct	*-4.99*	
		For >100 To 250, Deduct	*-8.80*	
		For >250 To 500, Deduct	*-15.24*	
		For >500, Deduct	*-21.67*	
26 51 19 00-0007		Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0008		Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*		
26 51 19 00-0009	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	197.43	31.61
		For >50 To 100, Deduct	*-6.12*	
		For >100 To 250, Deduct	*-11.06*	
		For >250 To 500, Deduct	*-19.74*	
		For >500, Deduct	*-28.43*	
26 51 19 00-0010	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	207.96	38.56
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-11.85*	
		For >250 To 500, Deduct	*-20.80*	
		For >500, Deduct	*-29.75*	
26 51 19 00-0011	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	228.72	31.61
		For >50 To 100, Deduct	*-6.90*	
		For >100 To 250, Deduct	*-12.62*	
		For >250 To 500, Deduct	*-22.87*	
		For >500, Deduct	*-33.12*	
26 51 19 00-0012	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	239.25	38.56
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-13.41*	
		For >250 To 500, Deduct	*-23.93*	
		For >500, Deduct	*-34.44*	
26 51 19 00-0013	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	298.39	38.56
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 250, Deduct	*-16.37*	
		For >250 To 500, Deduct	*-29.84*	
		For >500, Deduct	*-43.31*	
26 51 19 00-0014		Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)*		
26 51 19 00-0015	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	205.37	31.61
		For >50 To 100, Deduct	*-6.32*	
		For >100 To 250, Deduct	*-11.45*	
		For >250 To 500, Deduct	*-20.54*	
		For >500, Deduct	*-29.62*	
26 51 19 00-0016		Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)*		
26 51 19 00-0017	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	261.15	38.56
		For >50 To 100, Deduct	*-7.98*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-26.12*	
		For >500, Deduct	*-37.72*	
26 51 19 00-0018	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	246.33	38.56
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-24.63*	
		For >500, Deduct	*-35.50*	
26 51 19 00-0019	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	261.15	38.56
		For >50 To 100, Deduct	*-7.98*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-26.12*	
		For >500, Deduct	*-37.72*	
26 51 19 00-0020		Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0021		Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*			
26 51 19 00-0022		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0021)*			
26 51 19 00-0023	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)		551.81	38.25
		For Drywall Or Plaster Ceilings With Frame Kit, Add		*42.08*	
		For >50 To 100, Deduct		*-15.24*	
		For >100 To 250, Deduct		*-29.04*	
		For >250 To 500, Deduct		*-55.18*	
		For >500, Deduct		*-81.32*	
26 51 19 00-0024	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)		314.95	42.15
		For Drywall Or Plaster Ceilings, Add		*28.45*	
		For >50 To 100, Deduct		*-9.45*	
		For >100 To 250, Deduct		*-17.33*	
		For >250 To 500, Deduct		*-31.50*	
		For >500, Deduct		*-45.66*	
26 51 19 00-0025	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)		556.99	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add		*46.29*	
		For >50 To 100, Deduct		*-15.77*	
		For >100 To 250, Deduct		*-29.69*	
		For >250 To 500, Deduct		*-55.70*	
		For >500, Deduct		*-81.70*	
26 51 19 00-0026		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 19 00-0021)*			
26 51 19 00-0027	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)		794.78	38.25
		For >50 To 100, Deduct		*-21.32*	
		For >100 To 250, Deduct		*-41.19*	
		For >250 To 500, Deduct		*-79.48*	
		For >500, Deduct		*-117.77*	
26 51 19 00-0028	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)		558.82	42.15
		For >50 To 100, Deduct		*-15.55*	
		For >100 To 250, Deduct		*-29.52*	
		For >250 To 500, Deduct		*-55.88*	
		For >500, Deduct		*-82.24*	
26 51 19 00-0029	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)		728.09	49.10
		For >50 To 100, Deduct		*-20.05*	
		For >100 To 250, Deduct		*-38.25*	
		For >250 To 500, Deduct		*-72.81*	
		For >500, Deduct		*-107.37*	
26 51 19 00-0030		Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 19 00-0021)*			
26 51 19 00-0031	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)		368.21	42.15
		For >50 To 100, Deduct		*-10.79*	
		For >100 To 250, Deduct		*-19.99*	
		For >250 To 500, Deduct		*-36.82*	
		For >500, Deduct		*-53.65*	
26 51 19 00-0032	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)		407.57	42.15
		For >50 To 100, Deduct		*-11.77*	
		For >100 To 250, Deduct		*-21.96*	
		For >250 To 500, Deduct		*-40.76*	
		For >500, Deduct		*-59.56*	
26 51 19 00-0033	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)		346.57	42.15
		For >50 To 100, Deduct		*-10.24*	
		For >100 To 250, Deduct		*-18.91*	
		For >250 To 500, Deduct		*-34.66*	
		For >500, Deduct		*-50.41*	
26 51 19 00-0034	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)		346.57	42.15
		For >50 To 100, Deduct		*-10.24*	
		For >100 To 250, Deduct		*-18.91*	
		For >250 To 500, Deduct		*-34.66*	
		For >500, Deduct		*-50.41*	
26 51 19 00-0035	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)		372.15	42.15
		For >50 To 100, Deduct		*-10.88*	
		For >100 To 250, Deduct		*-20.19*	
		For >250 To 500, Deduct		*-37.22*	
		For >500, Deduct		*-54.24*	
26 51 19 00-0036		Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*			
26 51 19 00-0037		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0036)*			
26 51 19 00-0038	EA	1' x 4', 2,500 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)		281.55	38.25
		For Drywall Or Plaster Ceilings, Add		*26.08*	
		For >50 To 100, Deduct		*-8.49*	
		For >100 To 250, Deduct		*-15.53*	
		For >250 To 500, Deduct		*-28.16*	
		For >500, Deduct		*-40.78*	
26 51 19 00-0039	EA	2' x 2', 2,400 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)		253.95	42.15
		For Drywall Or Plaster Ceilings With Frame Kit, Add		*28.50*	
		For >50 To 100, Deduct		*-7.93*	
		For >100 To 250, Deduct		*-14.28*	
		For >250 To 500, Deduct		*-25.40*	
		For >500, Deduct		*-36.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0040	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	378.24	42.15
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*34.72*	
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 250, Deduct	*-20.49*	
		For >250 To 500, Deduct	*-37.82*	
		For >500, Deduct	*-55.16*	
26 51 19 00-0041	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	258.15	42.15
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 250, Deduct	*-14.49*	
		For >250 To 500, Deduct	*-25.82*	
		For >500, Deduct	*-37.14*	
26 51 19 00-0042	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	283.02	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*32.59*	
		For >50 To 100, Deduct	*-8.92*	
		For >100 To 250, Deduct	*-16.00*	
		For >250 To 500, Deduct	*-28.30*	
		For >500, Deduct	*-40.61*	
26 51 19 00-0043	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	297.36	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*33.31*	
		For >50 To 100, Deduct	*-9.28*	
		For >100 To 250, Deduct	*-16.71*	
		For >250 To 500, Deduct	*-29.74*	
		For >500, Deduct	*-42.76*	
26 51 19 00-0044	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	478.10	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.35*	
		For >50 To 100, Deduct	*-13.80*	
		For >100 To 250, Deduct	*-25.75*	
		For >250 To 500, Deduct	*-47.81*	
		For >500, Deduct	*-69.87*	

26 51 19 00-0045 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0046 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0045)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0047	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	356.14	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*36.25*	
		For >50 To 100, Deduct	*-10.75*	
		For >100 To 250, Deduct	*-19.65*	
		For >250 To 500, Deduct	*-35.61*	
		For >500, Deduct	*-51.58*	
26 51 19 00-0048	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	416.48	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.26*	
		For >50 To 100, Deduct	*-12.26*	
		For >100 To 250, Deduct	*-22.67*	
		For >250 To 500, Deduct	*-41.65*	
		For >500, Deduct	*-60.63*	
26 51 19 00-0049	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	470.79	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*41.98*	
		For >50 To 100, Deduct	*-13.61*	
		For >100 To 250, Deduct	*-25.38*	
		For >250 To 500, Deduct	*-47.08*	
		For >500, Deduct	*-68.77*	

26 51 19 00-0050 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0045)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0051	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	389.93	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*127.86*	
		For Surface Mount, Add	*205.51*	
		For >50 To 100, Deduct	*-11.59*	
		For >100 To 250, Deduct	*-21.34*	
		For >250 To 500, Deduct	*-38.99*	
		For >500, Deduct	*-56.65*	
26 51 19 00-0052	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	419.82	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*127.86*	
		For Surface Mount, Add	*205.51*	
		For >50 To 100, Deduct	*-12.34*	
		For >100 To 250, Deduct	*-22.84*	
		For >250 To 500, Deduct	*-41.98*	
		For >500, Deduct	*-61.13*	
26 51 19 00-0053	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	419.82	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*127.86*	
		For Surface Mount, Add	*205.51*	
		For >50 To 100, Deduct	*-12.34*	
		For >100 To 250, Deduct	*-22.84*	
		For >250 To 500, Deduct	*-41.98*	
		For >500, Deduct	*-61.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0054	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	463.96	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*127.86*	
		For Surface Mount, Add	*205.51*	
		For >50 To 100, Deduct	*-13.44*	
		For >100 To 250, Deduct	*-25.04*	
		For >250 To 500, Deduct	*-46.40*	
		For >500, Deduct	*-67.75*	
26 51 19 00-0055	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	362.48	42.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*111.62*	
		For Surface Mount, Add	*193.44*	
		For >50 To 100, Deduct	*-10.64*	
		For >100 To 250, Deduct	*-19.70*	
		For >250 To 500, Deduct	*-36.25*	
		For >500, Deduct	*-52.79*	
26 51 19 00-0056	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	342.38	42.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*111.62*	
		For Surface Mount, Add	*193.44*	
		For >50 To 100, Deduct	*-10.14*	
		For >100 To 250, Deduct	*-18.70*	
		For >250 To 500, Deduct	*-34.24*	
		For >500, Deduct	*-49.78*	
26 51 19 00-0057	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	406.51	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*130.70*	
		For Surface Mount, Add	*224.02*	
		For >50 To 100, Deduct	*-12.01*	
		For >100 To 250, Deduct	*-22.17*	
		For >250 To 500, Deduct	*-40.65*	
		For >500, Deduct	*-59.13*	
26 51 19 00-0058	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	419.82	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*130.70*	
		For Surface Mount, Add	*224.02*	
		For >50 To 100, Deduct	*-12.34*	
		For >100 To 250, Deduct	*-22.84*	
		For >250 To 500, Deduct	*-41.98*	
		For >500, Deduct	*-61.13*	
26 51 19 00-0059	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	419.82	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*130.70*	
		For Surface Mount, Add	*224.02*	
		For >50 To 100, Deduct	*-12.34*	
		For >100 To 250, Deduct	*-22.84*	
		For >250 To 500, Deduct	*-41.98*	
		For >500, Deduct	*-61.13*	
26 51 19 00-0060	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	532.29	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*130.70*	
		For Surface Mount, Add	*224.02*	
		For >50 To 100, Deduct	*-15.15*	
		For >100 To 250, Deduct	*-28.46*	
		For >250 To 500, Deduct	*-53.23*	
		For >500, Deduct	*-78.00*	
26 51 19 00-0061	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	463.96	49.10
		For Expanded Size Junction Box For Through Wiring, Add	*3.99*	
		For Drywall Or Plaster Ceilings, Add	*130.70*	
		For Surface Mount, Add	*224.02*	
		For >50 To 100, Deduct	*-13.44*	
		For >100 To 250, Deduct	*-25.04*	
		For >250 To 500, Deduct	*-46.40*	
		For >500, Deduct	*-67.75*	

26 51 19 00-0062 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0045)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0063	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	256.55	42.15
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 250, Deduct	*-14.41*	
		For >250 To 500, Deduct	*-25.66*	
		For >500, Deduct	*-36.90*	
26 51 19 00-0064	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	340.04	49.10
		For >50 To 100, Deduct	*-10.35*	
		For >100 To 250, Deduct	*-18.85*	
		For >250 To 500, Deduct	*-34.00*	
		For >500, Deduct	*-49.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0065		Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0045)* Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0066	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	369.05	42.15
		For >50 To 100, Deduct	*-10.81*	
		For >100 To 250, Deduct	*-20.03*	
		For >250 To 500, Deduct	*-36.91*	
		For >500, Deduct	*-53.78*	
26 51 19 00-0067	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	500.45	49.52
		For >50 To 100, Deduct	*-14.36*	
		For >100 To 250, Deduct	*-26.87*	
		For >250 To 500, Deduct	*-50.05*	
		For >500, Deduct	*-73.22*	
26 51 19 00-0068		Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*		
26 51 19 00-0069		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0068)*		
26 51 19 00-0070	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	585.64	42.15
		For Drywall Or Plaster Ceilings, Add	*28.45*	
		For >50 To 100, Deduct	*-16.22*	
		For >100 To 250, Deduct	*-30.86*	
		For >250 To 500, Deduct	*-58.56*	
		For >500, Deduct	*-86.27*	
26 51 19 00-0071	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	799.11	49.10
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*58.40*	
		For >50 To 100, Deduct	*-21.82*	
		For >100 To 250, Deduct	*-41.80*	
		For >250 To 500, Deduct	*-79.91*	
		For >500, Deduct	*-118.02*	
26 51 19 00-0072		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*		
26 51 19 00-0073		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0072)*		
26 51 19 00-0074	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	399.61	49.10
		For >50 To 100, Deduct	*-11.83*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-39.96*	
		For >500, Deduct	*-58.10*	
26 51 19 00-0075	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	415.22	49.10
		For >50 To 100, Deduct	*-12.22*	
		For >100 To 250, Deduct	*-22.61*	
		For >250 To 500, Deduct	*-41.52*	
		For >500, Deduct	*-60.44*	
26 51 19 00-0076	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	518.64	49.10
		For >50 To 100, Deduct	*-14.81*	
		For >100 To 250, Deduct	*-27.78*	
		For >250 To 500, Deduct	*-51.86*	
		For >500, Deduct	*-75.95*	
26 51 19 00-0077	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	518.64	49.10
		For >50 To 100, Deduct	*-14.81*	
		For >100 To 250, Deduct	*-27.78*	
		For >250 To 500, Deduct	*-51.86*	
		For >500, Deduct	*-75.95*	
26 51 19 00-0078		Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0072)*		
26 51 19 00-0079	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	211.04	49.10
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*51.28*	
		For >50 To 100, Deduct	*-7.12*	
		For >100 To 250, Deduct	*-12.40*	
		For >250 To 500, Deduct	*-21.10*	
		For >500, Deduct	*-29.81*	
26 51 19 00-0080	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	217.73	49.10
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.73*	
		For >250 To 500, Deduct	*-21.77*	
		For >500, Deduct	*-30.82*	
26 51 19 00-0081	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	220.79	49.10
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*64.10*	
		For >50 To 100, Deduct	*-7.36*	
		For >100 To 250, Deduct	*-12.88*	
		For >250 To 500, Deduct	*-22.08*	
		For >500, Deduct	*-31.27*	
26 51 19 00-0082	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	509.68	49.10
		For >50 To 100, Deduct	*-14.59*	
		For >100 To 250, Deduct	*-27.33*	
		For >250 To 500, Deduct	*-50.97*	
		For >500, Deduct	*-74.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0083		Surface Mount LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0084		Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0083)*		
26 51 19 00-0085	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	311.70	31.61
		For >50 To 100, Deduct	*-8.98*	
		For >100 To 250, Deduct	*-16.77*	
		For >250 To 500, Deduct	*-31.17*	
		For >500, Deduct	*-45.57*	
26 51 19 00-0086	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	310.61	38.56
		For >50 To 100, Deduct	*-9.21*	
		For >100 To 250, Deduct	*-16.98*	
		For >250 To 500, Deduct	*-31.06*	
		For >500, Deduct	*-45.14*	
26 51 19 00-0087	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	315.88	38.56
		For >50 To 100, Deduct	*-9.35*	
		For >100 To 250, Deduct	*-17.24*	
		For >250 To 500, Deduct	*-31.59*	
		For >500, Deduct	*-45.93*	
26 51 19 00-0088		Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0083)*		
26 51 19 00-0089	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	253.82	31.61
		For >50 To 100, Deduct	*-7.53*	
		For >100 To 250, Deduct	*-13.88*	
		For >250 To 500, Deduct	*-25.38*	
		For >500, Deduct	*-36.89*	
26 51 19 00-0090	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	333.27	38.56
		For >50 To 100, Deduct	*-9.78*	
		For >100 To 250, Deduct	*-18.11*	
		For >250 To 500, Deduct	*-33.33*	
		For >500, Deduct	*-48.54*	
26 51 19 00-0091		Surface Mount, Shadow Box Style LED Fixtures *(26 51 19 00-0083)*		
26 51 19 00-0092		Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 19 00-0091)*		
26 51 19 00-0093	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	751.49	42.15
		For >50 To 100, Deduct	*-20.37*	
		For >100 To 250, Deduct	*-39.16*	
		For >250 To 500, Deduct	*-75.15*	
		For >500, Deduct	*-111.14*	
26 51 19 00-0094	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	964.96	49.10
		For >50 To 100, Deduct	*-25.97*	
		For >100 To 250, Deduct	*-50.09*	
		For >250 To 500, Deduct	*-96.50*	
		For >500, Deduct	*-142.90*	
26 51 19 00-0095		Surface Mount, Low Profile Fixtures *(26 51 19 00-0083)*		
26 51 19 00-0096	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	100.14	28.89
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-6.45*	
		For >250 To 500, Deduct	*-10.01*	
		For >500, Deduct	*-13.58*	
26 51 19 00-0097	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	81.74	28.89
		For >50 To 100, Deduct	*-3.49*	
		For >100 To 250, Deduct	*-5.53*	
		For >250 To 500, Deduct	*-8.17*	
		For >500, Deduct	*-10.82*	
26 51 19 00-0098	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	138.77	28.89
		For >50 To 100, Deduct	*-4.91*	
		For >100 To 250, Deduct	*-8.38*	
		For >250 To 500, Deduct	*-13.88*	
		For >500, Deduct	*-19.37*	
26 51 19 00-0099	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	168.21	28.89
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.85*	
		For >250 To 500, Deduct	*-16.82*	
		For >500, Deduct	*-23.79*	
26 51 19 00-0100		Recessed LED Downlights *(26 51 19 00-0001)*		
26 51 19 00-0101		Recessed LED Downlights *(26 51 19 00-0100)*		
26 51 19 00-0102		Recessed LED Downlights (Lithonia) *(26 51 19 00-0101)*		
		Note: Includes housing and trim.		
26 51 19 00-0103	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	356.10	50.75
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*73.98*	
		For >50 To 100, Deduct	*-10.81*	
		For >100 To 250, Deduct	*-19.71*	
		For >250 To 500, Deduct	*-35.61*	
		For >500, Deduct	*-51.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0104	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	386.27	50.75
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*73.98*	
		For >50 To 100, Deduct	*-11.56*	
		For >100 To 250, Deduct	*-21.22*	
		For >250 To 500, Deduct	*-38.63*	
		For >500, Deduct	*-56.04*	

26 51 19 00-0105 Recessed LED Downlights (Portfolio®) *(26 51 19 00-0101)*

Note: Includes housing and trim.

26 51 19 00-0106	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	227.77	50.75
		For >50 To 100, Deduct	*-7.60*	
		For >100 To 250, Deduct	*-13.29*	
		For >250 To 500, Deduct	*-22.78*	
		For >500, Deduct	*-32.86*	

26 51 19 00-0107 Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0101)*

Note: Includes housing and trim.

26 51 19 00-0108	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	272.57	50.75
		For >50 To 100, Deduct	*-8.72*	
		For >100 To 250, Deduct	*-15.53*	
		For >250 To 500, Deduct	*-27.26*	
		For >500, Deduct	*-38.98*	
26 51 19 00-0109	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	280.91	50.75
		For >50 To 100, Deduct	*-8.93*	
		For >100 To 250, Deduct	*-15.95*	
		For >250 To 500, Deduct	*-28.09*	
		For >500, Deduct	*-40.23*	
26 51 19 00-0110	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	315.12	50.75
		For >50 To 100, Deduct	*-9.78*	
		For >100 To 250, Deduct	*-17.66*	
		For >250 To 500, Deduct	*-31.51*	
		For >500, Deduct	*-45.36*	
26 51 19 00-0111	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	318.46	50.75
		For >50 To 100, Deduct	*-9.86*	
		For >100 To 250, Deduct	*-17.83*	
		For >250 To 500, Deduct	*-31.85*	
		For >500, Deduct	*-45.87*	
26 51 19 00-0112	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	347.66	50.75
		For >50 To 100, Deduct	*-10.59*	
		For >100 To 250, Deduct	*-19.29*	
		For >250 To 500, Deduct	*-34.77*	
		For >500, Deduct	*-50.25*	

26 51 19 00-0113 Recessed LED Downlights (Lightolier) *(26 51 19 00-0101)*

Note: Includes housing and trim.

26 51 19 00-0114	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	562.04	50.75
		For >50 To 100, Deduct	*-15.95*	
		For >100 To 250, Deduct	*-30.01*	
		For >250 To 500, Deduct	*-56.20*	
		For >500, Deduct	*-82.40*	
26 51 19 00-0115	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	659.46	50.75
		For >50 To 100, Deduct	*-18.39*	
		For >100 To 250, Deduct	*-34.88*	
		For >250 To 500, Deduct	*-65.95*	
		For >500, Deduct	*-97.02*	
26 51 19 00-0116	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	708.07	50.75
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 250, Deduct	*-37.31*	
		For >250 To 500, Deduct	*-70.81*	
		For >500, Deduct	*-104.31*	
26 51 19 00-0117	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	708.07	50.75
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 250, Deduct	*-37.31*	
		For >250 To 500, Deduct	*-70.81*	
		For >500, Deduct	*-104.31*	
26 51 19 00-0118	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	732.48	50.75
		For >50 To 100, Deduct	*-20.22*	
		For >100 To 250, Deduct	*-38.53*	
		For >250 To 500, Deduct	*-73.25*	
		For >500, Deduct	*-107.97*	
26 51 19 00-0119	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	756.91	50.75
		For >50 To 100, Deduct	*-20.83*	
		For >100 To 250, Deduct	*-39.75*	
		For >250 To 500, Deduct	*-75.69*	
		For >500, Deduct	*-111.63*	

26 51 19 00-0120 Recessed LED Downlights (Cooper) *(26 51 19 00-0101)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0121	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	146.35	50.75
		For >50 To 100, Deduct	*-5.56*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.64*	
		For >500, Deduct	*-20.05*	
26 51 19 00-0122	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	146.35	50.75
		For >50 To 100, Deduct	*-5.56*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.64*	
		For >500, Deduct	*-20.05*	
26 51 19 00-0123	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	146.35	50.75
		For >50 To 100, Deduct	*-5.56*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.64*	
		For >500, Deduct	*-20.05*	
26 51 19 00-0124	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	146.35	50.75
		For >50 To 100, Deduct	*-5.56*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.64*	
		For >500, Deduct	*-20.05*	
26 51 19 00-0125	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	148.97	50.75
		For >50 To 100, Deduct	*-5.63*	
		For >100 To 250, Deduct	*-9.35*	
		For >250 To 500, Deduct	*-14.90*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0126	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	148.97	50.75
		For >50 To 100, Deduct	*-5.63*	
		For >100 To 250, Deduct	*-9.35*	
		For >250 To 500, Deduct	*-14.90*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0127	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	148.97	50.75
		For >50 To 100, Deduct	*-5.63*	
		For >100 To 250, Deduct	*-9.35*	
		For >250 To 500, Deduct	*-14.90*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0128	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	148.97	50.75
		For >50 To 100, Deduct	*-5.63*	
		For >100 To 250, Deduct	*-9.35*	
		For >250 To 500, Deduct	*-14.90*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0129	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	184.43	50.75
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.12*	
		For >250 To 500, Deduct	*-18.44*	
		For >500, Deduct	*-25.76*	
26 51 19 00-0130	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	182.63	50.75
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.26*	
		For >500, Deduct	*-25.49*	
26 51 19 00-0131	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	182.63	50.75
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.26*	
		For >500, Deduct	*-25.49*	
26 51 19 00-0132	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	182.63	50.75
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.26*	
		For >500, Deduct	*-25.49*	
26 51 19 00-0133	EA	5" LED Trim, Polymer "Dead-Front", Shallow White Baffle And Flange (Cooper Halo 591WB)	87.31	16.15
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-4.97*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-12.49*	
26 51 19 00-0134	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	54.86	16.15
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.35*	
		For >250 To 500, Deduct	*-5.49*	
		For >500, Deduct	*-7.62*	
26 51 19 00-0135	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	68.83	16.15
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.72*	
26 51 19 00-0136	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	57.67	16.15
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-3.49*	
		For >250 To 500, Deduct	*-5.77*	
		For >500, Deduct	*-8.05*	
26 51 19 00-0137	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	46.26	16.15
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-4.63*	
		For >500, Deduct	*-6.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0138	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	57.17	16.15
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-5.72*	
		For >500, Deduct	*-7.97*	
26 51 19 00-0139	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	63.81	16.15
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.38*	
		For >500, Deduct	*-8.97*	
26 51 19 00-0140	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	69.74	16.15
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.97*	
		For >500, Deduct	*-9.86*	
26 51 19 00-0141	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	81.30	16.15
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-8.13*	
		For >500, Deduct	*-11.59*	
26 51 19 00-0142	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	81.67	16.15
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-8.17*	
		For >500, Deduct	*-11.65*	
26 51 19 00-0143	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	80.01	16.15
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-11.40*	
26 51 19 00-0144	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	98.98	16.15
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-9.90*	
		For >500, Deduct	*-14.24*	
26 51 19 00-0145	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	46.66	16.15
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-4.67*	
		For >500, Deduct	*-6.39*	
26 51 19 00-0146	EA	6" LED Trim, Polymer “Dead-Front”, White Shallow Baffle And Flange (Cooper Halo 691WB)	84.54	16.15
		For >50 To 100, Deduct	*-2.72*	
		For >100 To 250, Deduct	*-4.83*	
		For >250 To 500, Deduct	*-8.45*	
		For >500, Deduct	*-12.08*	
26 51 19 00-0147	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	71.77	16.15
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 500, Deduct	*-7.18*	
		For >500, Deduct	*-10.16*	
26 51 19 00-0148	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	67.29	16.15
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.97*	
		For >250 To 500, Deduct	*-6.73*	
		For >500, Deduct	*-9.49*	
26 51 19 00-0149	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	59.90	16.15
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-5.99*	
		For >500, Deduct	*-8.38*	
26 51 19 00-0150	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	60.43	16.15
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-6.04*	
		For >500, Deduct	*-8.46*	
26 51 19 00-0151	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	65.17	16.15
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.52*	
		For >500, Deduct	*-9.17*	
26 51 19 00-0152	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	59.61	16.15
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-5.96*	
		For >500, Deduct	*-8.34*	
26 51 19 00-0153	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	74.73	16.15
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.47*	
		For >500, Deduct	*-10.60*	
26 51 19 00-0154	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	81.10	16.15
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-8.11*	
		For >500, Deduct	*-11.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0155	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	102.30	16.15
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-10.23*	
		For >500, Deduct	*-14.74*	
26 51 19 00-0156	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	99.65	16.15
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-5.59*	
		For >250 To 500, Deduct	*-9.97*	
		For >500, Deduct	*-14.34*	
26 51 19 00-0157	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	100.82	16.15
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-10.08*	
		For >500, Deduct	*-14.52*	
26 51 19 00-0158	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	61.07	16.15
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-3.66*	
		For >250 To 500, Deduct	*-6.11*	
		For >500, Deduct	*-8.56*	
26 51 19 00-0159	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	57.60	34.60
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 250, Deduct	*-4.18*	
		For >250 To 500, Deduct	*-5.76*	
		For >500, Deduct	*-7.34*	
26 51 19 00-0160	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	62.79	34.60
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-6.28*	
		For >500, Deduct	*-8.12*	
26 51 19 00-0161	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	60.71	34.60
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-4.33*	
		For >250 To 500, Deduct	*-6.07*	
		For >500, Deduct	*-7.81*	
26 51 19 00-0162	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	81.17	34.60
		For >50 To 100, Deduct	*-3.33*	
		For >100 To 250, Deduct	*-5.36*	
		For >250 To 500, Deduct	*-8.12*	
		For >500, Deduct	*-10.88*	
26 51 19 00-0163	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	78.77	34.60
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-10.52*	
26 51 19 00-0164	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	63.50	34.60
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-8.23*	
26 51 19 00-0165	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	66.99	34.60
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-6.70*	
		For >500, Deduct	*-8.75*	
26 51 19 00-0166	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	62.77	34.60
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-6.28*	
		For >500, Deduct	*-8.12*	
26 51 19 00-0167	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	66.60	34.60
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-6.66*	
		For >500, Deduct	*-8.69*	
26 51 19 00-0168	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	63.41	34.60
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-6.34*	
		For >500, Deduct	*-8.21*	
26 51 19 00-0169	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	63.05	34.60
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.45*	
		For >250 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-8.16*	
26 51 19 00-0170	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	65.81	34.60
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-6.58*	
		For >500, Deduct	*-8.57*	
26 51 19 00-0171	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	67.31	34.60
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-6.73*	
		For >500, Deduct	*-8.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0172	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	67.78	34.60
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-6.78*	
		For >500, Deduct	*-8.87*	
26 51 19 00-0173	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	90.96	34.60
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-5.85*	
		For >250 To 500, Deduct	*-9.10*	
		For >500, Deduct	*-12.35*	
26 51 19 00-0174	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	85.14	34.60
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-8.51*	
		For >500, Deduct	*-11.47*	
26 51 19 00-0175	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	85.82	34.60
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-5.59*	
		For >250 To 500, Deduct	*-8.58*	
		For >500, Deduct	*-11.58*	
26 51 19 00-0176	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	89.71	34.60
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.97*	
		For >500, Deduct	*-12.16*	
26 51 19 00-0177	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	89.71	34.60
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.97*	
		For >500, Deduct	*-12.16*	
26 51 19 00-0178	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	89.71	34.60
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.97*	
		For >500, Deduct	*-12.16*	
26 51 19 00-0179	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	89.71	34.60
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.97*	
		For >500, Deduct	*-12.16*	
26 51 19 00-0180	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	89.71	34.60
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.97*	
		For >500, Deduct	*-12.16*	
26 51 19 00-0181	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	79.53	34.60
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-10.63*	
26 51 19 00-0182	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	79.53	34.60
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-10.63*	
26 51 19 00-0183	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	79.53	34.60
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-10.63*	
26 51 19 00-0184	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	79.53	34.60
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-10.63*	
26 51 19 00-0185	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	79.53	34.60
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-10.63*	
26 51 19 00-0186	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	80.28	34.60
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-8.03*	
		For >500, Deduct	*-10.74*	
26 51 19 00-0187	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	91.70	34.60
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.88*	
		For >250 To 500, Deduct	*-9.17*	
		For >500, Deduct	*-12.46*	
26 51 19 00-0188	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	80.28	34.60
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-8.03*	
		For >500, Deduct	*-10.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0189	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	88.47	34.60
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-8.85*	
		For >500, Deduct	*-11.97*	
26 51 19 00-0190	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	75.64	34.60
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.08*	
		For >250 To 500, Deduct	*-7.56*	
		For >500, Deduct	*-10.05*	
26 51 19 00-0191	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	76.77	34.60
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 250, Deduct	*-5.14*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.22*	
26 51 19 00-0192	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	84.76	34.60
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.48*	
		For >500, Deduct	*-11.42*	
26 51 19 00-0193	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	84.76	34.60
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.48*	
		For >500, Deduct	*-11.42*	
26 51 19 00-0194	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	84.76	34.60
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.48*	
		For >500, Deduct	*-11.42*	
26 51 19 00-0195	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	84.76	34.60
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.48*	
		For >500, Deduct	*-11.42*	
26 51 19 00-0196	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	84.76	34.60
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.48*	
		For >500, Deduct	*-11.42*	
26 51 19 00-0197	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	69.50	16.15
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-6.95*	
		For >500, Deduct	*-9.82*	
26 51 19 00-0198	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	71.83	16.15
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-7.18*	
		For >500, Deduct	*-10.17*	
26 51 19 00-0199	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	70.59	34.60
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-4.83*	
		For >250 To 500, Deduct	*-7.06*	
		For >500, Deduct	*-9.29*	
26 51 19 00-0200	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	70.87	34.60
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-4.84*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-9.33*	
26 51 19 00-0201	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	66.05	34.60
		For >50 To 100, Deduct	*-2.95*	
		For >100 To 250, Deduct	*-4.60*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-8.61*	
26 51 19 00-0202	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	68.42	34.60
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.72*	
		For >250 To 500, Deduct	*-6.84*	
		For >500, Deduct	*-8.97*	
26 51 19 00-0203	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	67.64	34.60
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.68*	
		For >250 To 500, Deduct	*-6.76*	
		For >500, Deduct	*-8.85*	
26 51 19 00-0204	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	68.36	34.60
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.72*	
		For >250 To 500, Deduct	*-6.84*	
		For >500, Deduct	*-8.96*	
26 51 19 00-0205	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	78.52	34.60
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-5.22*	
		For >250 To 500, Deduct	*-7.85*	
		For >500, Deduct	*-10.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0206	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	79.07	34.60
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.25*	
		For >250 To 500, Deduct	*-7.91*	
		For >500, Deduct	*-10.56*	
26 51 19 00-0207	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	81.80	34.60
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-5.39*	
		For >250 To 500, Deduct	*-8.18*	
		For >500, Deduct	*-10.97*	
26 51 19 00-0208	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	83.71	34.60
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 250, Deduct	*-5.48*	
		For >250 To 500, Deduct	*-8.37*	
		For >500, Deduct	*-11.26*	
26 51 19 00-0209	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	92.12	34.60
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-9.21*	
		For >500, Deduct	*-12.52*	

26 51 19 00-0210 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0101)*

26 51 19 00-0211	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	164.84	50.75
		For >50 To 100, Deduct	*-6.02*	
		For >100 To 250, Deduct	*-10.15*	
		For >250 To 500, Deduct	*-16.48*	
		For >500, Deduct	*-22.82*	
26 51 19 00-0212	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	167.11	50.75
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.26*	
		For >250 To 500, Deduct	*-16.71*	
		For >500, Deduct	*-23.16*	
26 51 19 00-0213	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	173.94	50.75
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.39*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0214	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	160.28	50.75
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-9.92*	
		For >250 To 500, Deduct	*-16.03*	
		For >500, Deduct	*-22.14*	
26 51 19 00-0215	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	160.28	50.75
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-9.92*	
		For >250 To 500, Deduct	*-16.03*	
		For >500, Deduct	*-22.14*	
26 51 19 00-0216	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	160.28	50.75
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-9.92*	
		For >250 To 500, Deduct	*-16.03*	
		For >500, Deduct	*-22.14*	
26 51 19 00-0217	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	173.94	50.75
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.39*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0218	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	176.21	50.75
		For >50 To 100, Deduct	*-6.31*	
		For >100 To 250, Deduct	*-10.71*	
		For >250 To 500, Deduct	*-17.62*	
		For >500, Deduct	*-24.53*	
26 51 19 00-0219	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	180.75	50.75
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 250, Deduct	*-10.94*	
		For >250 To 500, Deduct	*-18.08*	
		For >500, Deduct	*-25.21*	
26 51 19 00-0220	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	194.40	50.75
		For >50 To 100, Deduct	*-6.76*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.44*	
		For >500, Deduct	*-27.26*	
26 51 19 00-0221	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	212.60	50.75
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-12.53*	
		For >250 To 500, Deduct	*-21.26*	
		For >500, Deduct	*-29.99*	

26 51 19 00-0222 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0100)*

26 51 19 00-0223 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0222)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0224	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	90.81	
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-9.08*	
		For >500, Deduct	*-12.90*	
26 51 19 00-0225	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	80.76	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-8.08*	
		For >500, Deduct	*-11.39*	
26 51 19 00-0226	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	100.86	
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-5.76*	
		For >250 To 500, Deduct	*-10.09*	
		For >500, Deduct	*-14.41*	
26 51 19 00-0227	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	112.58	
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-6.35*	
		For >250 To 500, Deduct	*-11.26*	
		For >500, Deduct	*-16.17*	
26 51 19 00-0228	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	122.63	
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 250, Deduct	*-6.85*	
		For >250 To 500, Deduct	*-12.26*	
		For >500, Deduct	*-17.67*	
26 51 19 00-0229		**Recessed LED Downlight Retrofits Trim (CREE®)** *(26 51 19 00-0222)*		
		Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 19 00-0230	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	34.04	8.07
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.40*	
		For >500, Deduct	*-4.67*	
26 51 19 00-0231	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	40.75	8.07
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.08*	
		For >500, Deduct	*-5.68*	
26 51 19 00-0232	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	35.72	8.07
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.57*	
		For >500, Deduct	*-4.93*	
26 51 19 00-0233		**Recessed LED Downlight Fixture Housings (CREE®)** *(26 51 19 00-0222)*		
		Note: Excludes lamp and trim.		
26 51 19 00-0234	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	92.10	34.60
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-9.21*	
		For >500, Deduct	*-12.52*	
26 51 19 00-0235	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	68.64	34.60
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-6.86*	
		For >500, Deduct	*-9.00*	
26 51 19 00-0236		**Can Retrofit Or Surface Mount, LED Downlights** *(26 51 19 00-0100)*		
26 51 19 00-0237	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	92.79	31.61
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 250, Deduct	*-5.83*	
		For >250 To 500, Deduct	*-9.28*	
		For >500, Deduct	*-12.73*	
26 51 19 00-0238	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	75.16	31.61
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-7.52*	
		For >500, Deduct	*-10.09*	
26 51 19 00-0239	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	75.16	31.61
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-7.52*	
		For >500, Deduct	*-10.09*	
26 51 19 00-0240	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	128.46	31.61
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*46.86*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 250, Deduct	*-7.61*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-18.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0241	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	64.49	31.61
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-4.41*	
		For >250 To 500, Deduct	*-6.45*	
		For >500, Deduct	*-8.49*	
26 51 19 00-0242	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	71.35	31.61
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-9.52*	
26 51 19 00-0243	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	851.59	31.61
		For >50 To 100, Deduct	*-22.48*	
		For >100 To 250, Deduct	*-43.77*	
		For >250 To 500, Deduct	*-85.16*	
		For >500, Deduct	*-126.55*	
26 51 19 00-0244		**Wall Mount LED Cylinder Downlight** *(26 51 19 00-0001)*		
26 51 19 00-0245	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	355.30	49.10
		For >50 To 100, Deduct	*-10.73*	
		For >100 To 250, Deduct	*-19.61*	
		For >250 To 500, Deduct	*-35.53*	
		For >500, Deduct	*-51.45*	
26 51 19 00-0246		**Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0247		**LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0246)*		
26 51 19 00-0248	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	489.28	46.14
		For >50 To 100, Deduct	*-13.96*	
		For >100 To 250, Deduct	*-26.19*	
		For >250 To 500, Deduct	*-48.93*	
		For >500, Deduct	*-71.66*	
26 51 19 00-0249		**LED Wall Sconce Fixtures (Kichler)** *(26 51 19 00-0246)*		
26 51 19 00-0250	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	272.60	46.14
		For >50 To 100, Deduct	*-8.55*	
		For >100 To 250, Deduct	*-15.36*	
		For >250 To 500, Deduct	*-27.26*	
		For >500, Deduct	*-39.16*	
26 51 19 00-0251		**LED Wall Sconce Fixtures (Metalux)** *(26 51 19 00-0246)*		
26 51 19 00-0252	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	149.85	46.14
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.99*	
		For >500, Deduct	*-20.75*	
26 51 19 00-0253		**Concealed Continuous LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0254		**Concealed Continuous LED Fixtures (Fraqtir™ S301)** *(26 51 19 00-0253)*		
26 51 19 00-0255	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	664.99	5.26
		For >50 To 100, Deduct	*-16.89*	
		For >100 To 250, Deduct	*-33.51*	
		For >250 To 500, Deduct	*-66.50*	
		For >500, Deduct	*-99.49*	
26 51 19 00-0256	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	758.17	5.26
		For >50 To 100, Deduct	*-19.22*	
		For >100 To 250, Deduct	*-38.17*	
		For >250 To 500, Deduct	*-75.82*	
		For >500, Deduct	*-113.46*	
26 51 19 00-0257		**Low Bay LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0258		**LED Linear Low Bay Fixtures (PlanLED)** *(26 51 19 00-0257)*		
26 51 19 00-0259	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	341.49	63.22
		For >50 To 100, Deduct	*-11.17*	
		For >100 To 250, Deduct	*-19.71*	
		For >250 To 500, Deduct	*-34.15*	
		For >500, Deduct	*-48.59*	
26 51 19 00-0260	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	463.49	63.22
		For >50 To 100, Deduct	*-14.22*	
		For >100 To 250, Deduct	*-25.81*	
		For >250 To 500, Deduct	*-46.35*	
		For >500, Deduct	*-66.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0261	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	771.21	79.03
		For >50 To 100, Deduct	*-22.57*	
		For >100 To 250, Deduct	*-41.85*	
		For >250 To 500, Deduct	*-77.12*	
		For >500, Deduct	*-112.39*	
26 51 19 00-0262		LED Low Bay Fixtures (CREE®) *(26 51 19 00-0257)*		
26 51 19 00-0263		LED Low Bay Fixtures (CREE® LS) *(26 51 19 00-0262)*		
		Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0264	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	271.93	63.22
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-16.23*	
		For >250 To 500, Deduct	*-27.19*	
		For >500, Deduct	*-38.16*	
26 51 19 00-0265	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	289.01	63.22
		For >50 To 100, Deduct	*-9.86*	
		For >100 To 250, Deduct	*-17.08*	
		For >250 To 500, Deduct	*-28.90*	
		For >500, Deduct	*-40.72*	
26 51 19 00-0266	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	279.05	63.22
		For >50 To 100, Deduct	*-9.61*	
		For >100 To 250, Deduct	*-16.59*	
		For >250 To 500, Deduct	*-27.91*	
		For >500, Deduct	*-39.22*	
26 51 19 00-0267	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	296.13	63.22
		For >50 To 100, Deduct	*-10.04*	
		For >100 To 250, Deduct	*-17.44*	
		For >250 To 500, Deduct	*-29.61*	
		For >500, Deduct	*-41.79*	
26 51 19 00-0268	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	308.94	63.22
		For >50 To 100, Deduct	*-10.36*	
		For >100 To 250, Deduct	*-18.08*	
		For >250 To 500, Deduct	*-30.89*	
		For >500, Deduct	*-43.71*	
26 51 19 00-0269	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	326.03	63.22
		For >50 To 100, Deduct	*-10.79*	
		For >100 To 250, Deduct	*-18.94*	
		For >250 To 500, Deduct	*-32.60*	
		For >500, Deduct	*-46.27*	
26 51 19 00-0270	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	430.66	79.03
		For >50 To 100, Deduct	*-14.06*	
		For >100 To 250, Deduct	*-24.83*	
		For >250 To 500, Deduct	*-43.07*	
		For >500, Deduct	*-61.31*	
26 51 19 00-0271	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	461.98	79.03
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-26.39*	
		For >250 To 500, Deduct	*-46.20*	
		For >500, Deduct	*-66.00*	
26 51 19 00-0272	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	527.47	79.03
		For >50 To 100, Deduct	*-16.48*	
		For >100 To 250, Deduct	*-29.67*	
		For >250 To 500, Deduct	*-52.75*	
		For >500, Deduct	*-75.83*	
26 51 19 00-0273	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	544.55	79.03
		For >50 To 100, Deduct	*-16.91*	
		For >100 To 250, Deduct	*-30.52*	
		For >250 To 500, Deduct	*-54.46*	
		For >500, Deduct	*-78.39*	
26 51 19 00-0274		LED Low Bay Fixtures (CREE® LN) *(26 51 19 00-0262)*		
		Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.		
26 51 19 00-0275	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	587.97	63.22
		For >50 To 100, Deduct	*-17.33*	
		For >100 To 250, Deduct	*-32.03*	
		For >250 To 500, Deduct	*-58.80*	
		For >500, Deduct	*-85.56*	
26 51 19 00-0276	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	659.15	63.22
		For >50 To 100, Deduct	*-19.11*	
		For >100 To 250, Deduct	*-35.59*	
		For >250 To 500, Deduct	*-65.92*	
		For >500, Deduct	*-96.24*	
26 51 19 00-0277		LED Linear Low Bay Fixtures (CREE® CS) *(26 51 19 00-0262)*		
		Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0278	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	573.78	63.22
		For >50 To 100, Deduct	*-16.98*	
		For >100 To 250, Deduct	*-31.32*	
		For >250 To 500, Deduct	*-57.38*	
		For >500, Deduct	*-83.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0279	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	712.32	79.03
		For >50 To 100, Deduct	*-21.10*	
		For >100 To 250, Deduct	*-38.91*	
		For >250 To 500, Deduct	*-71.23*	
		For >500, Deduct	*-103.56*	
26 51 19 00-0280	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	898.23	79.03
		For >50 To 100, Deduct	*-25.75*	
		For >100 To 250, Deduct	*-48.20*	
		For >250 To 500, Deduct	*-89.82*	
		For >500, Deduct	*-131.44*	
26 51 19 00-0281		Accessories For LED Low Bay Fixtures (CREE®) *(26 51 19 00-0262)*		
26 51 19 00-0282	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	54.02	17.33
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.38*	
26 51 19 00-0283	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	59.04	17.33
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.13*	
26 51 19 00-0284	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	45.63	17.33
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.00*	
		For >250 To 500, Deduct	*-4.56*	
		For >500, Deduct	*-6.12*	
26 51 19 00-0285	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	37.26	17.33
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-2.59*	
		For >250 To 500, Deduct	*-3.73*	
		For >500, Deduct	*-4.87*	
26 51 19 00-0286	EA	Solid Reflector, Pair (Cree® LS4-SR)	112.63	17.33
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-6.35*	
		For >250 To 500, Deduct	*-11.26*	
		For >500, Deduct	*-16.17*	
26 51 19 00-0287	EA	Solid Reflector, Pair (Cree® LS8-SR)	154.51	17.33
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 250, Deduct	*-8.45*	
		For >250 To 500, Deduct	*-15.45*	
		For >500, Deduct	*-22.45*	
26 51 19 00-0288	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	59.04	17.33
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.13*	
26 51 19 00-0289	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	82.49	17.33
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-8.25*	
		For >500, Deduct	*-11.65*	
26 51 19 00-0290	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	65.73	17.33
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-9.14*	
26 51 19 00-0291	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	87.51	17.33
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-8.75*	
		For >500, Deduct	*-12.40*	
26 51 19 00-0292	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	92.54	17.33
		For >50 To 100, Deduct	*-3.04*	
		For >100 To 250, Deduct	*-5.35*	
		For >250 To 500, Deduct	*-9.25*	
		For >500, Deduct	*-13.16*	
26 51 19 00-0293	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	79.13	17.33
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-4.68*	
		For >250 To 500, Deduct	*-7.91*	
		For >500, Deduct	*-11.15*	
26 51 19 00-0294	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	117.65	17.33
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 250, Deduct	*-6.60*	
		For >250 To 500, Deduct	*-11.77*	
		For >500, Deduct	*-16.93*	
26 51 19 00-0295	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	62.39	17.33
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-3.84*	
		For >250 To 500, Deduct	*-6.24*	
		For >500, Deduct	*-8.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0296	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	75.78	17.33
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.58*	
		For >500, Deduct	*-10.64*	
26 51 19 00-0297	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	59.04	17.33
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.13*	
26 51 19 00-0298	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,109.97	42.15
		For >50 To 100, Deduct	*-29.33*	
		For >100 To 250, Deduct	*-57.08*	
		For >250 To 500, Deduct	*-111.00*	
		For >500, Deduct	*-164.92*	
26 51 19 00-0299	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	398.18	42.15
		For >50 To 100, Deduct	*-11.54*	
		For >100 To 250, Deduct	*-21.49*	
		For >250 To 500, Deduct	*-39.82*	
		For >500, Deduct	*-58.15*	

26 51 19 00-0300 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0257)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0301	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	905.97	63.22
		For >50 To 100, Deduct	*-25.28*	
		For >100 To 250, Deduct	*-47.93*	
		For >250 To 500, Deduct	*-90.60*	
		For >500, Deduct	*-133.26*	

26 51 19 00-0302 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0303 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0302)*

26 51 19 00-0304	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	473.19	115.91
		For >50 To 100, Deduct	*-17.63*	
		For >100 To 250, Deduct	*-29.46*	
		For >250 To 500, Deduct	*-47.32*	
		For >500, Deduct	*-65.18*	
26 51 19 00-0305	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	473.19	115.91
		For >50 To 100, Deduct	*-17.63*	
		For >100 To 250, Deduct	*-29.46*	
		For >250 To 500, Deduct	*-47.32*	
		For >500, Deduct	*-65.18*	
26 51 19 00-0306	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	531.12	115.91
		For >50 To 100, Deduct	*-19.07*	
		For >100 To 250, Deduct	*-32.35*	
		For >250 To 500, Deduct	*-53.11*	
		For >500, Deduct	*-73.87*	
26 51 19 00-0307	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	531.12	115.91
		For >50 To 100, Deduct	*-19.07*	
		For >100 To 250, Deduct	*-32.35*	
		For >250 To 500, Deduct	*-53.11*	
		For >500, Deduct	*-73.87*	
26 51 19 00-0308	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	627.66	115.91
		For >50 To 100, Deduct	*-21.49*	
		For >100 To 250, Deduct	*-37.18*	
		For >250 To 500, Deduct	*-62.77*	
		For >500, Deduct	*-88.35*	
26 51 19 00-0309	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	627.66	115.91
		For >50 To 100, Deduct	*-21.49*	
		For >100 To 250, Deduct	*-37.18*	
		For >250 To 500, Deduct	*-62.77*	
		For >500, Deduct	*-88.35*	
26 51 19 00-0310	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	666.28	115.91
		For >50 To 100, Deduct	*-22.45*	
		For >100 To 250, Deduct	*-39.11*	
		For >250 To 500, Deduct	*-66.63*	
		For >500, Deduct	*-94.15*	
26 51 19 00-0311	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	666.28	115.91
		For >50 To 100, Deduct	*-22.45*	
		For >100 To 250, Deduct	*-39.11*	
		For >250 To 500, Deduct	*-66.63*	
		For >500, Deduct	*-94.15*	
26 51 19 00-0312	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	695.25	115.91
		For >50 To 100, Deduct	*-23.18*	
		For >100 To 250, Deduct	*-40.56*	
		For >250 To 500, Deduct	*-69.53*	
		For >500, Deduct	*-98.49*	
26 51 19 00-0313	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	695.25	115.91
		For >50 To 100, Deduct	*-23.18*	
		For >100 To 250, Deduct	*-40.56*	
		For >250 To 500, Deduct	*-69.53*	
		For >500, Deduct	*-98.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0314		LED High Bay Fixtures (Cree) *(26 51 19 00-0302)*		
26 51 19 00-0315		LED High Bay Fixtures (CREE®) *(26 51 19 00-0314)*		
26 51 19 00-0316	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	714.42	115.91
		For >50 To 100, Deduct	*-23.66*	
		For >100 To 250, Deduct	*-41.52*	
		For >250 To 500, Deduct	*-71.44*	
		For >500, Deduct	*-101.37*	
26 51 19 00-0317	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	851.49	115.91
		For >50 To 100, Deduct	*-27.08*	
		For >100 To 250, Deduct	*-48.37*	
		For >250 To 500, Deduct	*-85.15*	
		For >500, Deduct	*-121.93*	
26 51 19 00-0318	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	784.51	115.91
		For >50 To 100, Deduct	*-25.41*	
		For >100 To 250, Deduct	*-45.02*	
		For >250 To 500, Deduct	*-78.45*	
		For >500, Deduct	*-111.88*	
26 51 19 00-0319	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	893.38	115.91
		For >50 To 100, Deduct	*-28.13*	
		For >100 To 250, Deduct	*-50.46*	
		For >250 To 500, Deduct	*-89.34*	
		For >500, Deduct	*-128.21*	
26 51 19 00-0320	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	738.62	115.91
		For >50 To 100, Deduct	*-24.26*	
		For >100 To 250, Deduct	*-42.73*	
		For >250 To 500, Deduct	*-73.86*	
		For >500, Deduct	*-105.00*	
26 51 19 00-0321	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	876.62	115.91
		For >50 To 100, Deduct	*-27.71*	
		For >100 To 250, Deduct	*-49.63*	
		For >250 To 500, Deduct	*-87.66*	
		For >500, Deduct	*-125.70*	
26 51 19 00-0322	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	809.63	115.91
		For >50 To 100, Deduct	*-26.04*	
		For >100 To 250, Deduct	*-46.28*	
		For >250 To 500, Deduct	*-80.96*	
		For >500, Deduct	*-115.65*	
26 51 19 00-0323	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	918.49	115.91
		For >50 To 100, Deduct	*-28.76*	
		For >100 To 250, Deduct	*-51.72*	
		For >250 To 500, Deduct	*-91.85*	
		For >500, Deduct	*-131.98*	
26 51 19 00-0324		Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0314)*		
26 51 19 00-0325	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	54.02	17.33
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.38*	
26 51 19 00-0326	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	54.02	17.33
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.38*	
26 51 19 00-0327	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	70.76	17.33
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.26*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-9.89*	
26 51 19 00-0328	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	104.25	17.33
		For >50 To 100, Deduct	*-3.33*	
		For >100 To 250, Deduct	*-5.93*	
		For >250 To 500, Deduct	*-10.43*	
		For >500, Deduct	*-14.92*	
26 51 19 00-0329	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	121.01	17.33
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 250, Deduct	*-6.77*	
		For >250 To 500, Deduct	*-12.10*	
		For >500, Deduct	*-17.43*	
26 51 19 00-0330	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	70.76	17.33
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.26*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-9.89*	
26 51 19 00-0331	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	72.44	17.33
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.24*	
		For >500, Deduct	*-10.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0332	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	54.02	17.33
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.38*	
26 51 19 00-0333	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	57.36	17.33
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-5.74*	
		For >500, Deduct	*-7.88*	
26 51 19 00-0334	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	38.94	17.33
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-3.89*	
		For >500, Deduct	*-5.12*	
26 51 19 00-0335	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	40.62	17.33
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 500, Deduct	*-4.06*	
		For >500, Deduct	*-5.37*	
26 51 19 00-0336		LED High Bay Fixtures (DLE) *(26 51 19 00-0302)*		
26 51 19 00-0337	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,331.76	115.91
		For >50 To 100, Deduct	*-39.09*	
		For >100 To 250, Deduct	*-72.38*	
		For >250 To 500, Deduct	*-133.18*	
		For >500, Deduct	*-193.97*	
26 51 19 00-0338	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,634.79	115.91
		For >50 To 100, Deduct	*-46.67*	
		For >100 To 250, Deduct	*-87.54*	
		For >250 To 500, Deduct	*-163.48*	
		For >500, Deduct	*-239.42*	
26 51 19 00-0339	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	1,916.17	115.91
		For >50 To 100, Deduct	*-53.70*	
		For >100 To 250, Deduct	*-101.60*	
		For >250 To 500, Deduct	*-191.62*	
		For >500, Deduct	*-281.63*	
26 51 19 00-0340		LED High Bay Fixtures (Everlast) *(26 51 19 00-0302)*		
26 51 19 00-0341		LED High Bay Fixtures (Everlast EL-LED-LG) *(26 51 19 00-0340)*		
26 51 19 00-0342	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	900.84	115.91
		For >50 To 100, Deduct	*-28.32*	
		For >100 To 250, Deduct	*-50.84*	
		For >250 To 500, Deduct	*-90.08*	
		For >500, Deduct	*-129.33*	
26 51 19 00-0343	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	952.00	115.91
		For >50 To 100, Deduct	*-29.60*	
		For >100 To 250, Deduct	*-53.40*	
		For >250 To 500, Deduct	*-95.20*	
		For >500, Deduct	*-137.00*	
26 51 19 00-0344	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	849.68	115.91
		For >50 To 100, Deduct	*-27.04*	
		For >100 To 250, Deduct	*-48.28*	
		For >250 To 500, Deduct	*-84.97*	
		For >500, Deduct	*-121.66*	
26 51 19 00-0345	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	871.32	115.91
		For >50 To 100, Deduct	*-27.58*	
		For >100 To 250, Deduct	*-49.36*	
		For >250 To 500, Deduct	*-87.13*	
		For >500, Deduct	*-124.90*	
26 51 19 00-0346	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	989.38	115.91
		For >50 To 100, Deduct	*-30.53*	
		For >100 To 250, Deduct	*-55.26*	
		For >250 To 500, Deduct	*-98.94*	
		For >500, Deduct	*-142.61*	
26 51 19 00-0347	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,077.93	115.91
		For >50 To 100, Deduct	*-32.74*	
		For >100 To 250, Deduct	*-59.69*	
		For >250 To 500, Deduct	*-107.79*	
		For >500, Deduct	*-155.89*	
26 51 19 00-0348	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	942.16	115.91
		For >50 To 100, Deduct	*-29.35*	
		For >100 To 250, Deduct	*-52.90*	
		For >250 To 500, Deduct	*-94.22*	
		For >500, Deduct	*-135.53*	
26 51 19 00-0349	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,018.90	115.91
		For >50 To 100, Deduct	*-31.27*	
		For >100 To 250, Deduct	*-56.74*	
		For >250 To 500, Deduct	*-101.89*	
		For >500, Deduct	*-147.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0350	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,481.31	115.91
		For >50 To 100, Deduct	*-42.83*	
		For >100 To 250, Deduct	*-79.86*	
		For >250 To 500, Deduct	*-148.13*	
		For >500, Deduct	*-216.40*	
26 51 19 00-0351	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,619.05	115.91
		For >50 To 100, Deduct	*-46.27*	
		For >100 To 250, Deduct	*-86.75*	
		For >250 To 500, Deduct	*-161.91*	
		For >500, Deduct	*-237.06*	
26 51 19 00-0352	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,012.59	115.91
		For >50 To 100, Deduct	*-56.11*	
		For >100 To 250, Deduct	*-106.43*	
		For >250 To 500, Deduct	*-201.26*	
		For >500, Deduct	*-296.09*	
26 51 19 00-0353		LED High Bay Fixtures (Everlast EL-LED-CS) *(26 51 19 00-0340)*		
26 51 19 00-0354	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	566.33	115.91
		For >50 To 100, Deduct	*-19.95*	
		For >100 To 250, Deduct	*-34.11*	
		For >250 To 500, Deduct	*-56.63*	
		For >500, Deduct	*-79.15*	
26 51 19 00-0355	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	831.97	115.91
		For >50 To 100, Deduct	*-26.59*	
		For >100 To 250, Deduct	*-47.39*	
		For >250 To 500, Deduct	*-83.20*	
		For >500, Deduct	*-119.00*	
26 51 19 00-0356	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	950.03	115.91
		For >50 To 100, Deduct	*-29.55*	
		For >100 To 250, Deduct	*-53.30*	
		For >250 To 500, Deduct	*-95.00*	
		For >500, Deduct	*-136.71*	
26 51 19 00-0357	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,087.77	115.91
		For >50 To 100, Deduct	*-32.99*	
		For >100 To 250, Deduct	*-60.18*	
		For >250 To 500, Deduct	*-108.78*	
		For >500, Deduct	*-157.37*	
26 51 19 00-0358	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,176.32	115.91
		For >50 To 100, Deduct	*-35.20*	
		For >100 To 250, Deduct	*-64.61*	
		For >250 To 500, Deduct	*-117.63*	
		For >500, Deduct	*-170.65*	
26 51 19 00-0359		LED High Bay Fixtures (Everlast EL-LED-HB-LG) *(26 51 19 00-0340)*		
26 51 19 00-0360	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	743.42	115.91
		For >50 To 100, Deduct	*-24.38*	
		For >100 To 250, Deduct	*-42.97*	
		For >250 To 500, Deduct	*-74.34*	
		For >500, Deduct	*-105.72*	
26 51 19 00-0361	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	792.61	115.91
		For >50 To 100, Deduct	*-25.61*	
		For >100 To 250, Deduct	*-45.43*	
		For >250 To 500, Deduct	*-79.26*	
		For >500, Deduct	*-113.10*	
26 51 19 00-0362	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	861.48	115.91
		For >50 To 100, Deduct	*-27.33*	
		For >100 To 250, Deduct	*-48.87*	
		For >250 To 500, Deduct	*-86.15*	
		For >500, Deduct	*-123.43*	
26 51 19 00-0363		LED High Bay Fixtures (Everlast EL-LED-LHB) *(26 51 19 00-0340)*		
26 51 19 00-0364	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	755.23	115.91
		For >50 To 100, Deduct	*-24.68*	
		For >100 To 250, Deduct	*-43.56*	
		For >250 To 500, Deduct	*-75.52*	
		For >500, Deduct	*-107.49*	
26 51 19 00-0365	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	930.35	115.91
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-52.31*	
		For >250 To 500, Deduct	*-93.04*	
		For >500, Deduct	*-133.76*	
26 51 19 00-0366	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,156.64	115.91
		For >50 To 100, Deduct	*-34.71*	
		For >100 To 250, Deduct	*-63.63*	
		For >250 To 500, Deduct	*-115.66*	
		For >500, Deduct	*-167.70*	
26 51 19 00-0367		LED High Bay Fixtures (Lithonia IBL) *(26 51 19 00-0302)*		
		Note: Includes aluminum alloy chassis.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0368	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	599.65	115.91
		For >50 To 100, Deduct	*-20.79*	
		For >100 To 250, Deduct	*-35.78*	
		For >250 To 500, Deduct	*-59.97*	
		For >500, Deduct	*-84.15*	
26 51 19 00-0369	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	647.92	115.91
		For >50 To 100, Deduct	*-21.99*	
		For >100 To 250, Deduct	*-38.19*	
		For >250 To 500, Deduct	*-64.79*	
		For >500, Deduct	*-91.39*	
26 51 19 00-0370	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	778.26	115.91
		For >50 To 100, Deduct	*-25.25*	
		For >100 To 250, Deduct	*-44.71*	
		For >250 To 500, Deduct	*-77.83*	
		For >500, Deduct	*-110.94*	
26 51 19 00-0371	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	830.40	115.91
		For >50 To 100, Deduct	*-26.56*	
		For >100 To 250, Deduct	*-47.32*	
		For >250 To 500, Deduct	*-83.04*	
		For >500, Deduct	*-118.76*	

26 51 19 00-0372 LED High Bay Fixtures (Metalux SSLED) *(26 51 19 00-0302)*

26 51 19 00-0373	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	690.08	115.91
		For >50 To 100, Deduct	*-23.05*	
		For >100 To 250, Deduct	*-40.30*	
		For >250 To 500, Deduct	*-69.01*	
		For >500, Deduct	*-97.72*	
26 51 19 00-0374	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	708.08	115.91
		For >50 To 100, Deduct	*-23.50*	
		For >100 To 250, Deduct	*-41.20*	
		For >250 To 500, Deduct	*-70.81*	
		For >500, Deduct	*-100.42*	
26 51 19 00-0375	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	715.34	115.91
		For >50 To 100, Deduct	*-23.68*	
		For >100 To 250, Deduct	*-41.56*	
		For >250 To 500, Deduct	*-71.53*	
		For >500, Deduct	*-101.51*	
26 51 19 00-0376	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	784.37	115.91
		For >50 To 100, Deduct	*-25.40*	
		For >100 To 250, Deduct	*-45.01*	
		For >250 To 500, Deduct	*-78.44*	
		For >500, Deduct	*-111.86*	
26 51 19 00-0377	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	864.77	115.91
		For >50 To 100, Deduct	*-27.41*	
		For >100 To 250, Deduct	*-49.03*	
		For >250 To 500, Deduct	*-86.48*	
		For >500, Deduct	*-123.92*	
26 51 19 00-0378	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	894.95	115.91
		For >50 To 100, Deduct	*-28.17*	
		For >100 To 250, Deduct	*-50.54*	
		For >250 To 500, Deduct	*-89.50*	
		For >500, Deduct	*-128.45*	

26 51 19 00-0379 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0302)*

26 51 19 00-0380 LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0379)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0381	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	877.23	115.91
		For >50 To 100, Deduct	*-27.73*	
		For >100 To 250, Deduct	*-49.66*	
		For >250 To 500, Deduct	*-87.72*	
		For >500, Deduct	*-125.79*	
26 51 19 00-0382	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	987.42	115.91
		For >50 To 100, Deduct	*-30.48*	
		For >100 To 250, Deduct	*-55.17*	
		For >250 To 500, Deduct	*-98.74*	
		For >500, Deduct	*-142.32*	
26 51 19 00-0383	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,146.80	115.91
		For >50 To 100, Deduct	*-34.47*	
		For >100 To 250, Deduct	*-63.14*	
		For >250 To 500, Deduct	*-114.68*	
		For >500, Deduct	*-166.22*	
26 51 19 00-0384	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,302.25	115.91
		For >50 To 100, Deduct	*-38.35*	
		For >100 To 250, Deduct	*-70.91*	
		For >250 To 500, Deduct	*-130.23*	
		For >500, Deduct	*-189.54*	

26 51 19 00-0385 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0379)*

Note: Includes aluminum alloy chassis.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0386	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	955.93	115.91
		For 480 Volt, Add	*54.42*	
		For >50 To 100, Deduct	*-29.69*	
		For >100 To 250, Deduct	*-53.59*	
		For >250 To 500, Deduct	*-95.59*	
		For >500, Deduct	*-137.59*	
26 51 19 00-0387	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,339.64	115.91
		For 480 Volt, Add	*68.77*	
		For >50 To 100, Deduct	*-39.29*	
		For >100 To 250, Deduct	*-72.78*	
		For >250 To 500, Deduct	*-133.96*	
		For >500, Deduct	*-195.15*	
26 51 19 00-0388	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,396.29	115.91
		For 480 Volt, Add	*108.70*	
		For >50 To 100, Deduct	*-65.70*	
		For >100 To 250, Deduct	*-125.61*	
		For >250 To 500, Deduct	*-239.63*	
		For >500, Deduct	*-353.65*	

26 51 19 00-0389 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0379)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0390	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	749.33	115.91
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-24.53*	
		For >100 To 250, Deduct	*-43.26*	
		For >250 To 500, Deduct	*-74.93*	
		For >500, Deduct	*-106.60*	
26 51 19 00-0391	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	802.45	115.91
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-25.86*	
		For >100 To 250, Deduct	*-45.92*	
		For >250 To 500, Deduct	*-80.25*	
		For >500, Deduct	*-114.57*	
26 51 19 00-0392	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	985.45	115.91
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-30.43*	
		For >100 To 250, Deduct	*-55.07*	
		For >250 To 500, Deduct	*-98.55*	
		For >500, Deduct	*-142.02*	
26 51 19 00-0393	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,117.28	115.91
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-33.73*	
		For >100 To 250, Deduct	*-61.66*	
		For >250 To 500, Deduct	*-111.73*	
		For >500, Deduct	*-161.80*	
26 51 19 00-0394	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,089.33	115.91
		For >50 To 100, Deduct	*-58.03*	
		For >100 To 250, Deduct	*-110.26*	
		For >250 To 500, Deduct	*-208.93*	
		For >500, Deduct	*-307.60*	
26 51 19 00-0395	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,262.49	115.91
		For >50 To 100, Deduct	*-62.36*	
		For >100 To 250, Deduct	*-118.92*	
		For >250 To 500, Deduct	*-226.25*	
		For >500, Deduct	*-333.58*	
26 51 19 00-0396	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,451.32	115.91
		For >50 To 100, Deduct	*-92.08*	
		For >100 To 250, Deduct	*-178.36*	
		For >250 To 500, Deduct	*-345.13*	
		For >500, Deduct	*-511.90*	

26 51 19 00-0397 Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0398 Wet Location, LED Fixtures *(26 51 19 00-0397)*

26 51 19 00-0399 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0398)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0400	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	3,086.06	88.52
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-80.84*	
		For >100 To 250, Deduct	*-157.99*	
		For >250 To 500, Deduct	*-308.61*	
		For >500, Deduct	*-459.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0401	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	3,143.00	94.83
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-82.53*	
		For >100 To 250, Deduct	*-161.10*	
		For >250 To 500, Deduct	*-314.30*	
		For >500, Deduct	*-467.50*	
26 51 19 00-0402	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	3,553.12	101.16
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-93.04*	
		For >100 To 250, Deduct	*-181.87*	
		For >250 To 500, Deduct	*-355.31*	
		For >500, Deduct	*-528.75*	
26 51 19 00-0403	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	4,287.36	107.48
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-111.66*	
		For >100 To 250, Deduct	*-218.85*	
		For >250 To 500, Deduct	*-428.74*	
		For >500, Deduct	*-638.63*	
26 51 19 00-0404	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	5,484.59	113.80
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-141.86*	
		For >100 To 250, Deduct	*-278.97*	
		For >250 To 500, Deduct	*-548.46*	
		For >500, Deduct	*-817.95*	
26 51 19 00-0405	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	7,239.81	116.96
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-185.87*	
		For >100 To 250, Deduct	*-366.86*	
		For >250 To 500, Deduct	*-723.98*	
		For >500, Deduct	*-1,081.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0406	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	8,395.86	120.12
		For Ceiling Mount, Add	*27.47*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Stanchion Mount, Add	*187.35*	
		For Wall Mount, Add	*207.39*	
		For Polycarbonate Lens, Add	*160.95*	
		For Teflon Coated Lens, Add	*184.31*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-214.90*	
		For >100 To 250, Deduct	*-424.80*	
		For >250 To 500, Deduct	*-839.59*	
		For >500, Deduct	*-1,254.37*	

26 51 19 00-0407 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0398)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0408	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	2,770.91	94.83
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-73.22*	
		For >100 To 250, Deduct	*-142.50*	
		For >250 To 500, Deduct	*-277.09*	
		For >500, Deduct	*-411.69*	
26 51 19 00-0409	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	4,116.91	101.16
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-107.14*	
		For >100 To 250, Deduct	*-210.06*	
		For >250 To 500, Deduct	*-411.69*	
		For >500, Deduct	*-613.32*	
26 51 19 00-0410	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	4,542.51	107.48
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-118.04*	
		For >100 To 250, Deduct	*-231.60*	
		For >250 To 500, Deduct	*-454.25*	
		For >500, Deduct	*-676.90*	
26 51 19 00-0411	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	5,222.46	113.80
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-135.30*	
		For >100 To 250, Deduct	*-265.86*	
		For >250 To 500, Deduct	*-522.25*	
		For >500, Deduct	*-778.63*	

26 51 19 00-0412 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0398)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0413	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	1,905.31	88.52
		For 12/24 Volt DC Driver, Add	*42.49*	
		For Frosted Lens, Add	*86.84*	
		For 55 Degree Ambient Suitability (AC Only), Add	*57.85*	
		For Warm White Color Rendering, Add	*111.79*	
		For Ceiling Mount, Add	*132.02*	
		For Wall Mount, Add	*191.46*	
		For Teflon Coated Lens, Add	*184.31*	
		For Wall Mount With Junction Box, Add	*278.13*	
		For >50 To 100, Deduct	*-51.32*	
		For >100 To 250, Deduct	*-98.95*	
		For >250 To 500, Deduct	*-190.53*	
		For >500, Deduct	*-282.11*	

26 51 19 00-0414 Vaportight, LED Fixtures *(26 51 19 00-0397)*

26 51 19 00-0415 General Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0414)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0416	EA	2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	310.45	50.58
		For >50 To 100, Deduct	*-9.87*	
		For >100 To 250, Deduct	*-17.63*	
		For >250 To 500, Deduct	*-31.05*	
		For >500, Deduct	*-44.46*	
26 51 19 00-0417	EA	2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	323.99	50.58
		For >50 To 100, Deduct	*-10.21*	
		For >100 To 250, Deduct	*-18.31*	
		For >250 To 500, Deduct	*-32.40*	
		For >500, Deduct	*-46.49*	
26 51 19 00-0418	EA	2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	351.10	50.58
		For >50 To 100, Deduct	*-10.88*	
		For >100 To 250, Deduct	*-19.66*	
		For >250 To 500, Deduct	*-35.11*	
		For >500, Deduct	*-50.56*	
26 51 19 00-0419	EA	4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	312.88	63.22
		For >50 To 100, Deduct	*-10.46*	
		For >100 To 250, Deduct	*-18.28*	
		For >250 To 500, Deduct	*-31.29*	
		For >500, Deduct	*-44.30*	
26 51 19 00-0420	EA	4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	351.75	63.22
		For >50 To 100, Deduct	*-11.43*	
		For >100 To 250, Deduct	*-20.22*	
		For >250 To 500, Deduct	*-35.18*	
		For >500, Deduct	*-50.13*	
26 51 19 00-0421	EA	4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	494.12	63.22
		For >50 To 100, Deduct	*-14.99*	
		For >100 To 250, Deduct	*-27.34*	
		For >250 To 500, Deduct	*-49.41*	
		For >500, Deduct	*-71.48*	

26 51 19 00-0422 Wide Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0414)*

26 51 19 00-0423	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	337.55	50.58
		For >50 To 100, Deduct	*-10.55*	
		For >100 To 250, Deduct	*-18.98*	
		For >250 To 500, Deduct	*-33.76*	
		For >500, Deduct	*-48.53*	
26 51 19 00-0424	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	351.10	50.58
		For >50 To 100, Deduct	*-10.88*	
		For >100 To 250, Deduct	*-19.66*	
		For >250 To 500, Deduct	*-35.11*	
		For >500, Deduct	*-50.56*	
26 51 19 00-0425	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	378.20	50.58
		For >50 To 100, Deduct	*-11.56*	
		For >100 To 250, Deduct	*-21.02*	
		For >250 To 500, Deduct	*-37.82*	
		For >500, Deduct	*-54.62*	
26 51 19 00-0426	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	439.93	63.22
		For >50 To 100, Deduct	*-13.63*	
		For >100 To 250, Deduct	*-24.63*	
		For >250 To 500, Deduct	*-43.99*	
		For >500, Deduct	*-63.36*	
26 51 19 00-0427	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	494.12	63.22
		For >50 To 100, Deduct	*-14.99*	
		For >100 To 250, Deduct	*-27.34*	
		For >250 To 500, Deduct	*-49.41*	
		For >500, Deduct	*-71.48*	
26 51 19 00-0428	EA	4', 8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	548.33	63.22
		For >50 To 100, Deduct	*-16.34*	
		For >100 To 250, Deduct	*-30.05*	
		For >250 To 500, Deduct	*-54.83*	
		For >500, Deduct	*-79.62*	

26 51 19 00-0429 Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0414)*

26 51 19 00-0430	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	337.55	50.58
		For >50 To 100, Deduct	*-10.55*	
		For >100 To 250, Deduct	*-18.98*	
		For >250 To 500, Deduct	*-33.76*	
		For >500, Deduct	*-48.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0431	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	352.13	50.58
		For >50 To 100, Deduct	*-10.91*	
		For >100 To 250, Deduct	*-19.71*	
		For >250 To 500, Deduct	*-35.21*	
		For >500, Deduct	*-50.71*	
26 51 19 00-0432	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	378.20	50.58
		For >50 To 100, Deduct	*-11.56*	
		For >100 To 250, Deduct	*-21.02*	
		For >250 To 500, Deduct	*-37.82*	
		For >500, Deduct	*-54.62*	
26 51 19 00-0433	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	439.93	63.22
		For >50 To 100, Deduct	*-13.63*	
		For >100 To 250, Deduct	*-24.63*	
		For >250 To 500, Deduct	*-43.99*	
		For >500, Deduct	*-63.36*	
26 51 19 00-0434	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	494.12	63.22
		For >50 To 100, Deduct	*-14.99*	
		For >100 To 250, Deduct	*-27.34*	
		For >250 To 500, Deduct	*-49.41*	
		For >500, Deduct	*-71.48*	
26 51 19 00-0435	EA	4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	548.33	63.22
		For >50 To 100, Deduct	*-16.34*	
		For >100 To 250, Deduct	*-30.05*	
		For >250 To 500, Deduct	*-54.83*	
		For >500, Deduct	*-79.62*	

26 51 19 00-0436 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0437 Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0436)*

26 51 19 00-0438	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	128.24	42.15
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 250, Deduct	*-7.99*	
		For >250 To 500, Deduct	*-12.82*	
		For >500, Deduct	*-17.66*	
26 51 19 00-0439	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	134.70	42.15
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 250, Deduct	*-8.32*	
		For >250 To 500, Deduct	*-13.47*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0440	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	141.15	42.15
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.64*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-19.59*	
26 51 19 00-0441	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	147.61	42.15
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.96*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0442	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	141.26	46.36
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.80*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.45*	
26 51 19 00-0443	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	147.71	46.36
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-14.77*	
		For >500, Deduct	*-20.42*	
26 51 19 00-0444	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	154.17	46.36
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.45*	
		For >250 To 500, Deduct	*-15.42*	
		For >500, Deduct	*-21.39*	
26 51 19 00-0445	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	160.63	46.36
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.77*	
		For >250 To 500, Deduct	*-16.06*	
		For >500, Deduct	*-22.36*	
26 51 19 00-0446	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	173.54	46.36
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.42*	
		For >250 To 500, Deduct	*-17.35*	
		For >500, Deduct	*-24.29*	
26 51 19 00-0447	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	128.24	42.15
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 250, Deduct	*-7.99*	
		For >250 To 500, Deduct	*-12.82*	
		For >500, Deduct	*-17.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0448	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	134.70	42.15
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 250, Deduct	*-8.32*	
		For >250 To 500, Deduct	*-13.47*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0449	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	141.15	42.15
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.64*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-19.59*	
26 51 19 00-0450	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	147.61	42.15
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.96*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0451	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	141.26	46.36
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.80*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.45*	
26 51 19 00-0452	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	147.71	46.36
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-14.77*	
		For >500, Deduct	*-20.42*	
26 51 19 00-0453	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	154.17	46.36
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.45*	
		For >250 To 500, Deduct	*-15.42*	
		For >500, Deduct	*-21.39*	
26 51 19 00-0454	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	160.63	46.36
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.77*	
		For >250 To 500, Deduct	*-16.06*	
		For >500, Deduct	*-22.36*	
26 51 19 00-0455	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	173.54	46.36
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.42*	
		For >250 To 500, Deduct	*-17.35*	
		For >500, Deduct	*-24.29*	
26 51 19 00-0456	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	128.24	42.15
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 250, Deduct	*-7.99*	
		For >250 To 500, Deduct	*-12.82*	
		For >500, Deduct	*-17.66*	
26 51 19 00-0457	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	134.70	42.15
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 250, Deduct	*-8.32*	
		For >250 To 500, Deduct	*-13.47*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0458	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	141.15	42.15
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.64*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-19.59*	
26 51 19 00-0459	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	147.61	42.15
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.96*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0460	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	141.26	46.36
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.80*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.45*	
26 51 19 00-0461	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	147.71	46.36
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-14.77*	
		For >500, Deduct	*-20.42*	
26 51 19 00-0462	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	154.17	46.36
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.45*	
		For >250 To 500, Deduct	*-15.42*	
		For >500, Deduct	*-21.39*	
26 51 19 00-0463	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	160.63	46.36
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.77*	
		For >250 To 500, Deduct	*-16.06*	
		For >500, Deduct	*-22.36*	
26 51 19 00-0464	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	173.54	46.36
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.42*	
		For >250 To 500, Deduct	*-17.35*	
		For >500, Deduct	*-24.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0465	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	128.24	42.15
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 250, Deduct	*-7.99*	
		For >250 To 500, Deduct	*-12.82*	
		For >500, Deduct	*-17.66*	
26 51 19 00-0466	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	134.70	42.15
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 250, Deduct	*-8.32*	
		For >250 To 500, Deduct	*-13.47*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0467	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	141.15	42.15
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.64*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-19.59*	
26 51 19 00-0468	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	147.61	42.15
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.96*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0469	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	141.26	46.36
		For >50 To 100, Deduct	*-5.27*	
		For >100 To 250, Deduct	*-8.80*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.45*	
26 51 19 00-0470	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	147.71	46.36
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-14.77*	
		For >500, Deduct	*-20.42*	
26 51 19 00-0471	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	154.17	46.36
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.45*	
		For >250 To 500, Deduct	*-15.42*	
		For >500, Deduct	*-21.39*	
26 51 19 00-0472	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	160.63	46.36
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.77*	
		For >250 To 500, Deduct	*-16.06*	
		For >500, Deduct	*-22.36*	
26 51 19 00-0473	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	173.54	46.36
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.42*	
		For >250 To 500, Deduct	*-17.35*	
		For >500, Deduct	*-24.29*	
26 51 19 00-0474	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	178.61	50.05
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 250, Deduct	*-10.83*	
		For >250 To 500, Deduct	*-17.86*	
		For >500, Deduct	*-24.90*	
26 51 19 00-0475	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	193.28	50.05
		For >50 To 100, Deduct	*-6.73*	
		For >100 To 250, Deduct	*-11.56*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-27.10*	
26 51 19 00-0476	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	189.70	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.56*	
26 51 19 00-0477	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	189.65	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.55*	
26 51 19 00-0478	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	206.19	50.05
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 250, Deduct	*-12.21*	
		For >250 To 500, Deduct	*-20.62*	
		For >500, Deduct	*-29.03*	
26 51 19 00-0479	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.85	50.05
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 250, Deduct	*-11.94*	
		For >250 To 500, Deduct	*-20.09*	
		For >500, Deduct	*-28.23*	
26 51 19 00-0480	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	223.21	50.05
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-13.06*	
		For >250 To 500, Deduct	*-22.32*	
		For >500, Deduct	*-31.59*	
26 51 19 00-0481	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	215.93	50.05
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.69*	
		For >250 To 500, Deduct	*-21.59*	
		For >500, Deduct	*-30.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0482	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	215.99	50.05
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 250, Deduct	*-12.70*	
		For >250 To 500, Deduct	*-21.60*	
		For >500, Deduct	*-30.50*	
26 51 19 00-0483	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	178.61	50.05
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 250, Deduct	*-10.83*	
		For >250 To 500, Deduct	*-17.86*	
		For >500, Deduct	*-24.90*	
26 51 19 00-0484	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	193.28	50.05
		For >50 To 100, Deduct	*-6.73*	
		For >100 To 250, Deduct	*-11.56*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-27.10*	
26 51 19 00-0485	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	189.70	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.56*	
26 51 19 00-0486	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	189.65	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.55*	
26 51 19 00-0487	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	206.19	50.05
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 250, Deduct	*-12.21*	
		For >250 To 500, Deduct	*-20.62*	
		For >500, Deduct	*-29.03*	
26 51 19 00-0488	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.85	50.05
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 250, Deduct	*-11.94*	
		For >250 To 500, Deduct	*-20.09*	
		For >500, Deduct	*-28.23*	
26 51 19 00-0489	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	223.21	50.05
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-13.06*	
		For >250 To 500, Deduct	*-22.32*	
		For >500, Deduct	*-31.59*	
26 51 19 00-0490	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	215.93	50.05
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.69*	
		For >250 To 500, Deduct	*-21.59*	
		For >500, Deduct	*-30.49*	
26 51 19 00-0491	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	215.99	50.05
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 250, Deduct	*-12.70*	
		For >250 To 500, Deduct	*-21.60*	
		For >500, Deduct	*-30.50*	
26 51 19 00-0492	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	178.61	50.05
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 250, Deduct	*-10.83*	
		For >250 To 500, Deduct	*-17.86*	
		For >500, Deduct	*-24.90*	
26 51 19 00-0493	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	193.28	50.05
		For >50 To 100, Deduct	*-6.73*	
		For >100 To 250, Deduct	*-11.56*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-27.10*	
26 51 19 00-0494	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	189.70	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.56*	
26 51 19 00-0495	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	189.65	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.55*	
26 51 19 00-0496	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	206.19	50.05
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 250, Deduct	*-12.21*	
		For >250 To 500, Deduct	*-20.62*	
		For >500, Deduct	*-29.03*	
26 51 19 00-0497	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.85	50.05
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 250, Deduct	*-11.94*	
		For >250 To 500, Deduct	*-20.09*	
		For >500, Deduct	*-28.23*	
26 51 19 00-0498	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	223.21	50.05
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-13.06*	
		For >250 To 500, Deduct	*-22.32*	
		For >500, Deduct	*-31.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0499	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	215.93	50.05
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.69*	
		For >250 To 500, Deduct	*-21.59*	
		For >500, Deduct	*-30.49*	
26 51 19 00-0500	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	215.99	50.05
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 250, Deduct	*-12.70*	
		For >250 To 500, Deduct	*-21.60*	
		For >500, Deduct	*-30.50*	
26 51 19 00-0501	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	178.61	50.05
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 250, Deduct	*-10.83*	
		For >250 To 500, Deduct	*-17.86*	
		For >500, Deduct	*-24.90*	
26 51 19 00-0502	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	193.28	50.05
		For >50 To 100, Deduct	*-6.73*	
		For >100 To 250, Deduct	*-11.56*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-27.10*	
26 51 19 00-0503	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	189.70	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.56*	
26 51 19 00-0504	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	189.65	50.05
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.97*	
		For >500, Deduct	*-26.55*	
26 51 19 00-0505	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	206.19	50.05
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 250, Deduct	*-12.21*	
		For >250 To 500, Deduct	*-20.62*	
		For >500, Deduct	*-29.03*	
26 51 19 00-0506	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.85	50.05
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 250, Deduct	*-11.94*	
		For >250 To 500, Deduct	*-20.09*	
		For >500, Deduct	*-28.23*	
26 51 19 00-0507	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	223.21	50.05
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-13.06*	
		For >250 To 500, Deduct	*-22.32*	
		For >500, Deduct	*-31.59*	
26 51 19 00-0508	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	215.93	50.05
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.69*	
		For >250 To 500, Deduct	*-21.59*	
		For >500, Deduct	*-30.49*	
26 51 19 00-0509	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	215.99	50.05
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 250, Deduct	*-12.70*	
		For >250 To 500, Deduct	*-21.60*	
		For >500, Deduct	*-30.50*	

26 51 19 00-0510 Ceiling Mounted, LED Mushroom Fixtures (Mobern) *(26 51 19 00-0436)*

26 51 19 00-0511	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	177.09	46.36
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-10.59*	
		For >250 To 500, Deduct	*-17.71*	
		For >500, Deduct	*-24.82*	

26 51 19 00-0512 Ceiling Mounted, LED Fixtures (Sylvania) *(26 51 19 00-0436)*

26 51 19 00-0513	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	655.56	50.05
		For >50 To 100, Deduct	*-18.29*	
		For >100 To 250, Deduct	*-34.67*	
		For >250 To 500, Deduct	*-65.56*	
		For >500, Deduct	*-96.44*	
26 51 19 00-0514	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	252.94	42.15
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 250, Deduct	*-14.23*	
		For >250 To 500, Deduct	*-25.29*	
		For >500, Deduct	*-36.36*	
26 51 19 00-0515	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	314.78	49.10
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 250, Deduct	*-17.58*	
		For >250 To 500, Deduct	*-31.48*	
		For >500, Deduct	*-45.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0516	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	318.46	49.10
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 250, Deduct	*-17.77*	
		For >250 To 500, Deduct	*-31.85*	
		For >500, Deduct	*-45.93*	
26 51 19 00-0517		Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0518		Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0517)* Note: Fixtures exclude driver.		
26 51 19 00-0519	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	269.49	49.10
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 250, Deduct	*-15.32*	
		For >250 To 500, Deduct	*-26.95*	
		For >500, Deduct	*-38.58*	
26 51 19 00-0520	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	352.54	86.93
		For >50 To 100, Deduct	*-12.11*	
		For >100 To 250, Deduct	*-20.92*	
		For >250 To 500, Deduct	*-35.25*	
		For >500, Deduct	*-49.59*	
26 51 19 00-0521	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	323.57	69.55
		For >50 To 100, Deduct	*-10.72*	
		For >100 To 250, Deduct	*-18.81*	
		For >250 To 500, Deduct	*-32.36*	
		For >500, Deduct	*-45.90*	
26 51 19 00-0522		Pendant Mount, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0523		Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0522)*		
26 51 19 00-0524	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,413.32	107.48
		For >50 To 100, Deduct	*-64.81*	
		For >100 To 250, Deduct	*-125.14*	
		For >250 To 500, Deduct	*-241.33*	
		For >500, Deduct	*-357.52*	
26 51 19 00-0525	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	3,645.34	113.80
		For >50 To 100, Deduct	*-95.88*	
		For >100 To 250, Deduct	*-187.01*	
		For >250 To 500, Deduct	*-364.53*	
		For >500, Deduct	*-542.06*	
26 51 19 00-0526	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	4,655.77	120.12
		For >50 To 100, Deduct	*-121.40*	
		For >100 To 250, Deduct	*-237.79*	
		For >250 To 500, Deduct	*-465.58*	
		For >500, Deduct	*-693.36*	
26 51 19 00-0527	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	5,887.79	126.45
		For >50 To 100, Deduct	*-152.46*	
		For >100 To 250, Deduct	*-299.66*	
		For >250 To 500, Deduct	*-588.78*	
		For >500, Deduct	*-877.90*	
26 51 19 00-0528	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,559.83	107.48
		For >50 To 100, Deduct	*-68.47*	
		For >100 To 250, Deduct	*-132.47*	
		For >250 To 500, Deduct	*-255.98*	
		For >500, Deduct	*-379.50*	
26 51 19 00-0529	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	3,839.46	113.80
		For >50 To 100, Deduct	*-100.73*	
		For >100 To 250, Deduct	*-196.71*	
		For >250 To 500, Deduct	*-383.95*	
		For >500, Deduct	*-571.18*	
26 51 19 00-0530	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	4,851.71	120.12
		For >50 To 100, Deduct	*-126.30*	
		For >100 To 250, Deduct	*-247.59*	
		For >250 To 500, Deduct	*-485.17*	
		For >500, Deduct	*-722.75*	
26 51 19 00-0531	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,107.54	126.45
		For >50 To 100, Deduct	*-157.96*	
		For >100 To 250, Deduct	*-310.65*	
		For >250 To 500, Deduct	*-610.75*	
		For >500, Deduct	*-910.86*	
26 51 19 00-0532		Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0522)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0533	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	934.95	63.22
		For >50 To 100, Deduct	*-26.01*	
		For >100 To 250, Deduct	*-49.38*	
		For >250 To 500, Deduct	*-93.50*	
		For >500, Deduct	*-137.61*	

26 51 19 00-0534 LED Track Lighting Fixtures *(26 51 19)*

26 51 19 00-0535	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	191.45	19.26
		For >50 To 100, Deduct	*-5.51*	
		For >100 To 250, Deduct	*-10.29*	
		For >250 To 500, Deduct	*-19.15*	
		For >500, Deduct	*-28.00*	
26 51 19 00-0536	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	333.07	19.26
		For >50 To 100, Deduct	*-9.05*	
		For >100 To 250, Deduct	*-17.37*	
		For >250 To 500, Deduct	*-33.31*	
		For >500, Deduct	*-49.24*	
26 51 19 00-0537	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	196.83	19.26
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 250, Deduct	*-10.56*	
		For >250 To 500, Deduct	*-19.68*	
		For >500, Deduct	*-28.80*	

26 51 23 HID Interior Lighting *(26 51)*

26 51 23 00-0001 Large Interior Area Fixtures *(26 51 23)*

26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.

26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	349.12	122.95
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	364.87	130.56
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	388.16	149.02
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0007 Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	358.06	122.95
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	368.19	130.56
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	401.04	149.02
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	395.22	112.33
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	407.09	119.28
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	433.51	136.14
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	394.68	112.33
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	405.78	119.28
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	442.40	136.14
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0020		High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*		
		Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
26 51 23 00-0021		High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*		
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	367.58	119.28
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	398.17	136.14
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	576.49	143.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0025		Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*		
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	347.72	119.28
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	384.18	136.14
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	492.90	143.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0029		Induction, High Bay Fixtures *(26 51 23 00-0020)*		
26 51 23 00-0030		Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*		
		Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	461.91	104.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	495.19	107.80
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	504.31	111.27
		For Impact Resistant Silicon Lens, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	549.17	114.75
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	563.13	118.23
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	495.70	104.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	528.98	107.80
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	538.10	111.27
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	582.96	114.75
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	596.92	118.23
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	310.09	79.93
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	625.54	79.93
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	718.89	79.93
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	961.70	79.93
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	293.44	79.93
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	309.42	88.70
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	329.57	96.07
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	369.78	114.42
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	112.21	33.22
		For ICAT Housing, Add	*8.08*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	116.39	33.22
		For ICAT Housing, Add	*8.62*	
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	122.17	34.60
		For ICAT Housing, Add	*9.06*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	126.76	36.10
		For ICAT Housing, Add	*9.36*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	131.31	37.60
		For ICAT Housing, Add	*9.65*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	135.89	39.90
		For ICAT Housing, Add	*9.79*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	71.70	19.26

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	166.41	46.14
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	171.38	46.14
		For Wall Mounted, Add	*6.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	181.48	46.14
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	196.66	46.14
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0066		High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*		
26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	154.57	46.14
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	160.75	46.14
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	184.62	46.14
		For Wall Mounted, Add	*6.67*	
26 51 33		**Interior Lighting Accessories** *(26 51)*		
26 51 33 00-0001		Accessories And Modifiers For Fixtures *(26 51 33)*		
26 51 33 00-0002		Lens Modifications *(26 51 33 00-0001)*		
26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	34.88	
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	43.09	
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	45.14	
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	49.25	
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	59.51	
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	14.36	
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	20.52	
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	22.57	
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	26.68	
26 51 33 00-0012		Pendant Mounting Modifications *(26 51 33 00-0001)* Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	15.60	
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	18.06	
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	23.11	
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	27.29	
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	34.47	
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	46.79	
26 51 33 00-0019		Fluorescent Light Accessories *(26 51 33 00-0001)*		
26 51 33 00-0020	EA	Blank Metal Light Box Plate	17.18	
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor	157.99	
26 51 33 00-0022		Wire Guards *(26 51 33 00-0001)*		
26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture	66.42	5.77
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture	93.09	9.25
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture	74.15	6.36
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture	105.22	9.82
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture	90.67	6.93
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture	123.92	10.40
26 51 33 00-0029		Lighting Accessories *(26 51 33)*		
26 51 33 00-0030		Modular Flexible Wiring Systems *(26 51 33 00-0029)*		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	95.68	6.22
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	113.39	6.22
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	137.25	6.22
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	113.39	6.22
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	93.99	6.22
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	142.04	6.22
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	76.88	6.22
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	87.51	6.22
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	114.46	6.22
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	114.46	6.22
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	116.46	6.22
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	115.72	6.22
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	115.72	6.22
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	133.60	6.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	59.20	6.22
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	55.02	6.22
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	56.48	6.22
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	71.95	6.22
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	95.68	6.22
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	98.20	6.22
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	75.80	6.22
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	55.02	6.22
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	51.90	

26 51 33 00-0054 Additional Lighting Wire Whips *(26 51 33)*

26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.71	

26 51 33 00-0056 Removal And Reinstallation Of Light Fixtures *(26 51 33)*

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	122.76	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	140.29	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	229.76	28.84
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	157.43	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	252.09	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	294.95	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	442.21	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	501.99	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	734.90	28.84
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	155.85	17.30
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	156.93	17.30
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	160.55	17.30
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	159.96	17.30
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	137.76	17.30
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	93.68	17.30

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	409.69	28.84
		For Wireguard, Add	*211.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	342.80	28.84
		For Wireguard, Add	*211.80*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	538.27	28.84
		For Wireguard, Add	*211.80*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	572.01	28.84
		For Wireguard, Add	*211.80*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	819.41	28.84
		For Wireguard, Add	*225.59*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,292.68	28.84
		For Wireguard, Add	*225.59*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	119.09	17.30
		For Wireguard, Add	*170.93*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	123.29	17.30
		For Wireguard, Add	*170.93*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	119.67	17.30
		For Wireguard, Add	*170.93*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	120.36	17.30
		For Wireguard, Add	*170.93*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	123.29	17.30
		For Wireguard, Add	*170.93*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	144.61	17.30
		For Wireguard, Add	*170.93*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	404.31	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	440.00	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	430.22	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	455.16	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	771.00	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	604.28	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	677.62	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	714.78	28.84
		For Wireguard, Add	*205.94*	
		For Self-Diagnostics, Add	*61.50*	

26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	102.95	17.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	111.46	17.30
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	103.05	17.30
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	109.31	17.30
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	93.23	17.30
26 52 13 13-0049		Outdoor Emergency Lights *(26 52 13 13)*		
26 52 13 13-0050		Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*		
		Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	639.97	28.84
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	764.65	28.84
26 52 13 13-0053		Recessed Emergency Lights *(26 52 13 13)*		
26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	698.07	28.84
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	545.81	57.66
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*225.59*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	787.45	57.66
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*225.59*	
26 52 13 13-0057		Square Wraparound Emergency Lights *(26 52 13 13)*		
26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	316.96	28.84
26 52 13 16		**Exit Signs** *(26 52 13)*		
		Note: Excludes pendants.		
26 52 13 16-0001		LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	183.33	42.16
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.33*	
		For >500, Deduct	*-25.39*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	183.33	42.16
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.33*	
		For >500, Deduct	*-25.39*	
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	257.40	42.16
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 250, Deduct	*-14.98*	
		For >250 To 500, Deduct	*-25.74*	
		For >500, Deduct	*-36.50*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	257.40	42.16
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 250, Deduct	*-14.98*	
		For >250 To 500, Deduct	*-25.74*	
		For >500, Deduct	*-36.50*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	283.86	42.16
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 250, Deduct	*-16.30*	
		For >250 To 500, Deduct	*-28.39*	
		For >500, Deduct	*-40.47*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	322.47	42.16
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.17*	
		For >100 To 250, Deduct	*-18.23*	
		For >250 To 500, Deduct	*-32.25*	
		For >500, Deduct	*-46.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	267.73	42.16
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.80*	
		For >100 To 250, Deduct	*-15.49*	
		For >250 To 500, Deduct	*-26.77*	
		For >500, Deduct	*-38.05*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	295.75	42.16
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 250, Deduct	*-16.90*	
		For >250 To 500, Deduct	*-29.58*	
		For >500, Deduct	*-42.25*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4)	340.27	42.16
		Note: Includes two circular side mounted krypton emergency lights.		
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.39*	
		For >100 To 250, Deduct	*-19.90*	
		For >250 To 500, Deduct	*-34.03*	
		For >500, Deduct	*-48.16*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6)	298.41	42.16
		Note: Includes two circular side mounted LED emergency lights.		
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.34*	
		For >100 To 250, Deduct	*-17.80*	
		For >250 To 500, Deduct	*-29.84*	
		For >500, Deduct	*-41.88*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	427.93	42.16
		Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-13.58*	
		For >100 To 250, Deduct	*-24.28*	
		For >250 To 500, Deduct	*-42.79*	
		For >500, Deduct	*-61.31*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	448.27	42.16
		Note: Includes two circular side mounted PAR 36 emergency lights.		
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.09*	
		For >100 To 250, Deduct	*-25.30*	
		For >250 To 500, Deduct	*-44.83*	
		For >500, Deduct	*-64.36*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	120.95	42.16
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.16*	
		For >250 To 500, Deduct	*-12.10*	
		For >500, Deduct	*-16.03*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	121.42	42.16
		For >50 To 100, Deduct	*-5.14*	
		For >100 To 250, Deduct	*-8.18*	
		For >250 To 500, Deduct	*-12.14*	
		For >500, Deduct	*-16.11*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	230.98	42.16
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 250, Deduct	*-13.66*	
		For >250 To 500, Deduct	*-23.10*	
		For >500, Deduct	*-32.54*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	233.31	42.16
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-7.94*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-23.33*	
		For >500, Deduct	*-32.89*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	249.06	42.16
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.33*	
		For >100 To 250, Deduct	*-14.56*	
		For >250 To 500, Deduct	*-24.91*	
		For >500, Deduct	*-35.25*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	296.14	42.16
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.51*	
		For >100 To 250, Deduct	*-16.92*	
		For >250 To 500, Deduct	*-29.61*	
		For >500, Deduct	*-42.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0021		**Self-Luminous Tritium Exit Signs** *(26 52 13 16)* Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	541.95	42.16
		For >50 To 100, Deduct	*-15.66*	
		For >100 To 250, Deduct	*-29.21*	
		For >250 To 500, Deduct	*-54.20*	
		For >500, Deduct	*-79.18*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	999.10	42.16
		For >50 To 100, Deduct	*-27.09*	
		For >100 To 250, Deduct	*-52.06*	
		For >250 To 500, Deduct	*-99.91*	
		For >500, Deduct	*-147.76*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	646.09	42.16
		For >50 To 100, Deduct	*-18.26*	
		For >100 To 250, Deduct	*-34.41*	
		For >250 To 500, Deduct	*-64.61*	
		For >500, Deduct	*-94.81*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,082.70	42.16
		For >50 To 100, Deduct	*-29.18*	
		For >100 To 250, Deduct	*-56.24*	
		For >250 To 500, Deduct	*-108.27*	
		For >500, Deduct	*-160.30*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	593.78	42.16
		For >50 To 100, Deduct	*-16.95*	
		For >100 To 250, Deduct	*-31.80*	
		For >250 To 500, Deduct	*-59.38*	
		For >500, Deduct	*-86.96*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,082.70	42.16
		For >50 To 100, Deduct	*-29.18*	
		For >100 To 250, Deduct	*-56.24*	
		For >250 To 500, Deduct	*-108.27*	
		For >500, Deduct	*-160.30*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	729.21	42.16
		For >50 To 100, Deduct	*-20.34*	
		For >100 To 250, Deduct	*-38.57*	
		For >250 To 500, Deduct	*-72.92*	
		For >500, Deduct	*-107.27*	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,344.77	42.16
		For >50 To 100, Deduct	*-35.73*	
		For >100 To 250, Deduct	*-69.35*	
		For >250 To 500, Deduct	*-134.48*	
		For >500, Deduct	*-199.61*	
26 52 13 16-0030		**Vandal-Resistant LED Exit Signs** *(26 52 13 16)* Note: Includes red LED lamps.		
26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	511.15	42.16
		For >50 To 100, Deduct	*-14.89*	
		For >100 To 250, Deduct	*-27.67*	
		For >250 To 500, Deduct	*-51.12*	
		For >500, Deduct	*-74.56*	
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	794.24	42.16
		For >50 To 100, Deduct	*-21.96*	
		For >100 To 250, Deduct	*-41.82*	
		For >250 To 500, Deduct	*-79.42*	
		For >500, Deduct	*-117.03*	
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	967.81	42.16
		For >50 To 100, Deduct	*-26.30*	
		For >100 To 250, Deduct	*-50.50*	
		For >250 To 500, Deduct	*-96.78*	
		For >500, Deduct	*-143.06*	
26 52 13 16-0034		**Removal And Reinstallation Of Exit Light Fixture** *(26 52 13 16)*		
26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	86.50	
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 250, Deduct	*-6.49*	
		For >250 To 500, Deduct	*-8.65*	
		For >500, Deduct	*-10.81*	
26 52 13 16-0036		**Exit Sign Accessories** *(26 52 13 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	120.86	11.56
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-6.62*	
		For >250 To 500, Deduct	*-12.09*	
		For >500, Deduct	*-17.55*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	70.32	11.56
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-7.03*	
		For >500, Deduct	*-9.97*	
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	112.93	9.25
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-6.11*	
		For >250 To 500, Deduct	*-11.29*	
		For >500, Deduct	*-16.48*	
26 52 13 16-0040	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	120.70	
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 250, Deduct	*-6.76*	
		For >250 To 500, Deduct	*-12.07*	
		For >500, Deduct	*-17.38*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	3,798.40	94.83
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-98.91*	
		For >100 To 250, Deduct	*-193.87*	
		For >250 To 500, Deduct	*-379.84*	
		For >500, Deduct	*-565.81*	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	4,670.18	101.16
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-120.97*	
		For >100 To 250, Deduct	*-237.72*	
		For >250 To 500, Deduct	*-467.02*	
		For >500, Deduct	*-696.31*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	5,283.66	107.48
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-136.57*	
		For >100 To 250, Deduct	*-268.66*	
		For >250 To 500, Deduct	*-528.37*	
		For >500, Deduct	*-788.07*	
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	5,914.32	113.80
		For Bolt-On Visor, Add	*149.51*	
		For Bolt-On Wire Guard, Add	*307.52*	
		For 480 Volt, Add	*263.29*	
		For Warm White Color Rendering, Add	*111.79*	
		For >50 To 100, Deduct	*-152.60*	
		For >100 To 250, Deduct	*-300.46*	
		For >250 To 500, Deduct	*-591.43*	
		For >500, Deduct	*-882.41*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0008	EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vapogard™ V2LC)	2,207.58	88.52
		For 12/24 Volt DC Driver, Add	*42.49*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Temperature LEDs, Add	*111.79*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*57.85*	
		For Stanchion Mount, Add	*358.23*	
		For Ceiling Mount, Add	*143.65*	
		For Wall Mount, Add	*209.69*	
		For Teflon Coated Lens, Add	*184.31*	
		For Wall Mount With Junction Box, Add	*306.17*	
		For >50 To 100, Deduct	*-58.88*	
		For >100 To 250, Deduct	*-114.07*	
		For >250 To 500, Deduct	*-220.76*	
		For >500, Deduct	*-327.45*	
26 54 19 00-0009		Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*		
		Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010	EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	3,569.82	88.52
		For Ceiling Mount, Add	*27.49*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Polycarbonate Lens, Add	*160.95*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-92.93*	
		For >100 To 250, Deduct	*-182.18*	
		For >250 To 500, Deduct	*-356.98*	
		For >500, Deduct	*-531.79*	
26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	3,958.69	94.83
		For Ceiling Mount, Add	*27.49*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Polycarbonate Lens, Add	*160.95*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-102.92*	
		For >100 To 250, Deduct	*-201.89*	
		For >250 To 500, Deduct	*-395.87*	
		For >500, Deduct	*-589.85*	
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	4,442.50	101.16
		For Ceiling Mount, Add	*27.49*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Polycarbonate Lens, Add	*160.95*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-115.28*	
		For >100 To 250, Deduct	*-226.34*	
		For >250 To 500, Deduct	*-444.25*	
		For >500, Deduct	*-662.16*	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	5,816.78	107.48
		For Ceiling Mount, Add	*27.49*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Polycarbonate Lens, Add	*160.95*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-149.90*	
		For >100 To 250, Deduct	*-295.32*	
		For >250 To 500, Deduct	*-581.68*	
		For >500, Deduct	*-868.04*	
26 54 19 00-0014	EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	6,685.40	113.80
		For Ceiling Mount, Add	*27.49*	
		For Quick Clip Mounting Option, Add	*40.38*	
		For Frosted Lens, Add	*86.84*	
		For Warm White Color Rendering, Add	*111.79*	
		For Polycarbonate Lens, Add	*160.95*	
		For 480 Volt, Add	*263.29*	
		For >50 To 100, Deduct	*-171.88*	
		For >100 To 250, Deduct	*-339.01*	
		For >250 To 500, Deduct	*-668.54*	
		For >500, Deduct	*-998.07*	
26 54 19 00-0015		Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0016		Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)* Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	5,099.01	94.83
		For Wall Mount, Deduct	*-19.76*	
		For Warm Color Temperature LEDs, Add	*106.47*	
		For Stainless Steel Guard, Add	*191.10*	
		For Ceiling Mount, Add	*230.53*	
		For Stanchion Mount, Add	*268.30*	
		For Yoke Mount, Add	*670.76*	
		For >50 To 100, Deduct	*-131.43*	
		For >100 To 250, Deduct	*-258.90*	
		For >250 To 500, Deduct	*-509.90*	
		For >500, Deduct	*-760.90*	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	6,211.59	101.16
		For Wall Mount, Deduct	*-19.76*	
		For Warm Color Temperature LEDs, Add	*106.47*	
		For Stainless Steel Guard, Add	*191.10*	
		For Ceiling Mount, Add	*230.53*	
		For Stanchion Mount, Add	*268.30*	
		For Yoke Mount, Add	*670.76*	
		For >50 To 100, Deduct	*-159.50*	
		For >100 To 250, Deduct	*-314.79*	
		For >250 To 500, Deduct	*-621.16*	
		For >500, Deduct	*-927.52*	
26 54 19 00-0019	EA	9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	7,224.12	107.48
		For Wall Mount, Deduct	*-19.76*	
		For Warm Color Temperature LEDs, Add	*106.47*	
		For Stainless Steel Guard, Add	*191.10*	
		For Ceiling Mount, Add	*230.53*	
		For Stanchion Mount, Add	*268.30*	
		For Yoke Mount, Add	*670.76*	
		For >50 To 100, Deduct	*-185.08*	
		For >100 To 250, Deduct	*-365.68*	
		For >250 To 500, Deduct	*-722.41*	
		For >500, Deduct	*-1,079.14*	
26 54 19 00-0020	EA	10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	8,255.34	113.80
		For Wall Mount, Deduct	*-19.76*	
		For Warm Color Temperature LEDs, Add	*106.47*	
		For Stainless Steel Guard, Add	*191.10*	
		For Ceiling Mount, Add	*230.53*	
		For Stanchion Mount, Add	*268.30*	
		For Yoke Mount, Add	*670.76*	
		For >50 To 100, Deduct	*-211.13*	
		For >100 To 250, Deduct	*-417.51*	
		For >250 To 500, Deduct	*-825.53*	
		For >500, Deduct	*-1,233.56*	
26 54 19 00-0021	EA	13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	9,575.03	109.58
		For Wall Mount, Deduct	*-19.76*	
		For Warm Color Temperature LEDs, Add	*106.47*	
		For Stainless Steel Guard, Add	*191.10*	
		For Ceiling Mount, Add	*230.53*	
		For Stanchion Mount, Add	*268.30*	
		For Yoke Mount, Add	*670.76*	
		For >50 To 100, Deduct	*-244.38*	
		For >100 To 250, Deduct	*-483.76*	
		For >250 To 500, Deduct	*-957.50*	
		For >500, Deduct	*-1,431.25*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

26 55 13 00-0001		Bollards *(26 55 13)* Note: Excludes concrete base.		
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,473.08	98.04
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,484.61	103.80
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,496.14	109.57
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,384.37	115.34
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,473.08	98.04
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,484.61	103.80
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,496.14	109.57
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,384.37	115.34

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,473.08	98.04
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,484.61	103.80
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,496.14	109.57
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,384.37	115.34
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,473.08	98.04
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,484.61	103.80
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,496.14	109.57
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,384.37	115.34
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.46	98.04
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,427.99	103.80
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,439.52	109.57
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,327.23	115.34
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.46	98.04
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,427.99	103.80
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,439.52	109.57
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,327.23	115.34
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.46	98.04
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,427.99	103.80
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,439.52	109.57
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,327.23	115.34
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.46	98.04
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,427.99	103.80
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,439.52	109.57
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,327.23	115.34
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,546.61	98.04
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,558.14	103.80
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,569.67	109.57
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,457.38	115.34
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,546.61	98.04
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,558.14	103.80
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,569.67	109.57
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,457.38	115.34
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,546.61	98.04
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,558.14	103.80
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,569.67	109.57
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,518.91	115.34
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,489.47	98.04
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,501.00	103.80
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,512.53	109.57
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,400.24	115.34
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,489.47	98.04
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,501.00	103.80
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,512.53	109.57
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,400.24	115.34
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,489.47	98.04
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,501.00	103.80
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,512.53	109.57
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,400.24	115.34
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,466.64	98.04
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,478.17	103.80
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,489.70	109.57
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,379.08	115.34
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,466.64	98.04
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,478.17	103.80
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,489.70	109.57
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,379.08	115.34
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,466.64	98.04
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,478.17	103.80
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,489.70	109.57
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,379.08	115.34
26 55 13 00-0079		Round, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,410.74	98.04
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.27	103.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,433.80	109.57
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,324.26	115.34
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,410.74	98.04
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.27	103.80
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,433.80	109.57
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,324.26	115.34
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,410.74	98.04
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,422.27	103.80
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,433.80	109.57
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,324.26	115.34
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,756.86	98.04
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,768.39	103.80
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,779.92	109.57
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,670.86	115.34
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,145.98	98.04
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,157.51	103.80
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,169.04	109.57
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,058.04	115.34
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,698.82	98.04
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,710.35	103.80
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,721.88	109.57
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,610.88	115.34
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,087.94	98.04
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,099.47	103.80
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,111.00	109.57
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,000.69	115.34
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,452.79	288.34
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,558.11	384.42
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	686.94	209.92
26 55 13 00-0116	EA	Low Voltage Walkway	471.51	115.34
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	483.12	153.98
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	410.21	115.34
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	776.28	184.54
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	841.96	184.54
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	701.84	184.54
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	714.98	184.54
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	754.38	184.54
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	750.00	184.54
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,079.20	184.54
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,187.57	184.54
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	370.80	115.34
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	357.66	115.34
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	566.31	153.98
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	302.70	92.27
26 55 13 00-0135	EA	Fluorescent Step Light	346.55	92.27
26 55 13 00-0136	EA	5 Watt, LED Step Light	592.77	92.27
26 55 13 00-0137	EA	15 Watt, LED Step Light	708.37	92.27
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	623.23	153.98
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	636.37	153.98
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	811.64	230.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		Incandescent Walkway *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	387.48	107.26
26 55 16 00-0003		Metal Halide Walkway *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	596.21	168.62
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	631.01	174.74
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	679.74	181.42
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	728.13	196.08
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	649.55	181.42
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	654.29	168.62
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	667.26	174.74
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	527.15	120.18
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	557.35	120.18
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	587.55	120.18
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	663.30	135.29
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	502.85	107.96
26 55 16 00-0016		High Pressure Sodium Walkway *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	539.56	168.62
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	569.43	174.74
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	610.39	181.42
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	654.67	196.08
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	586.80	181.42
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	584.94	168.62
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	597.75	174.74
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	464.40	120.18
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	487.99	120.18
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	511.58	120.18
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	577.43	135.29
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	421.20	107.96
26 55 16 00-0029		Walkway, Adjustable *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	561.24	153.98
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	576.14	153.98
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	987.75	230.68
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	469.05	115.34
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	488.91	115.34
26 55 16 00-0035		LED Walkway *(26 55 16)*		
26 55 16 00-0036		LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0035)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0037	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	776.75	88.52
		For Multi-Level Drive Currents, Add	*199.30*	
26 55 16 00-0038	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	800.95	88.52
		For Multi-Level Drive Currents, Add	*199.30*	
26 55 16 00-0039	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	843.66	88.52
		For Multi-Level Drive Currents, Add	*199.30*	
26 55 16 00-0040	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	876.40	88.52
		For Multi-Level Drive Currents, Add	*199.30*	
26 55 16 00-0041	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,011.08	113.80
		For Multi-Level Drive Currents, Add	*199.30*	
26 55 16 00-0042		Wall Mounted Walkway Lighting *(26 55 16 00-0035)*		
26 55 16 00-0043	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	4,154.20	
26 55 16 00-0044		Pole Mounted Walkway Lighting *(26 55 16 00-0035)*		
26 55 16 00-0045	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	3,843.16	
26 55 16 00-0046	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	3,773.39	
26 55 29		**Underwater Lighting** *(26 55)*		
26 55 29 00-0001		Underwater Lights *(26 55 29)*		
26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	490.57	76.70
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	543.11	76.70
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,303.46	115.34
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	512.46	76.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	573.76	76.70
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,462.29	173.00

26 55 53 Security Lighting *(26 55)*

26 55 53 11 Security Flood Lighting *(26 55 53)*

26 55 53 11-0001 General Electric Powerflood® Flood Lights *(26 55 53 11)*

26 55 53 11-0002 MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 55 53 11-0003 High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	358.96	99.25
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	362.16	99.25
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	367.51	99.25

26 55 53 11-0007 Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	486.25	99.25

26 55 53 11-0009 P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0010 High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	725.71	132.33
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	729.99	132.33
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	737.48	132.33
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	821.98	132.33
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	846.59	132.33

26 55 53 11-0016 Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	718.22	132.33
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	755.66	132.33
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	774.92	132.33

26 55 53 11-0020 PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0021 High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)*

26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	740.61	148.87
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	745.95	148.87
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	754.51	148.87
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	837.95	148.87
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	861.48	148.87

26 55 53 11-0027 Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)*

26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	734.19	148.87
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	770.56	148.87
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	789.81	148.87

26 55 53 11-0031 PF-400 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0032 High Pressure Sodium PF-400 Series GE Flood Lights *(26 55 53 11-0031)*

26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	993.05	148.87
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,067.93	148.87
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,062.59	148.87
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,089.33	148.87

26 55 53 11-0037 Metal Halide PF-400 GE Flood Lights *(26 55 53 11-0031)*

26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,020.87	148.87
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,043.33	148.87
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,066.86	148.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0041		PF-1000 (Large Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		High Pressure Sodium PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,345.98	165.42
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,345.98	165.42
26 55 53 11-0045		Metal Halide PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,283.93	165.42
26 55 53 11-0047		HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,095.75	148.87
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,116.07	148.87
26 55 53 11-0051		Metal Halide HLU/VLU Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,107.51	148.87
26 55 53 11-0053		Accessories For Powerflood GE Flood Lights *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	189.18	33.09
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	110.02	33.09
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	159.22	33.09
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	121.78	33.09
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	307.61	99.25
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	133.55	33.09
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	227.38	99.25
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	237.01	99.25
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	100.39	33.09
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	97.18	33.09
26 55 53 11-0064		Lithonia Contour Series Flood Lights *(26 55 53 11)*		
26 55 53 11-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	668.76	132.33
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	730.52	132.33
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	791.01	132.33
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	866.48	132.33
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	851.61	132.33
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	827.65	132.33
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	825.88	132.33
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	860.32	132.33
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,023.69	148.87
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,044.29	148.87
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	977.39	148.87
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	977.39	148.87
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,009.70	148.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	980.34	132.33
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,011.17	132.33
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,036.93	132.33
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	970.03	132.33
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,000.90	132.33
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,900.89	165.42
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,463.32	165.42
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,617.74	165.42
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	163.22	33.09
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	314.80	33.09
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	134.62	33.09
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	180.94	33.09
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	404.37	99.25
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	322.41	99.25
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	322.41	99.25
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	355.10	99.25
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	156.19	33.09
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	124.78	33.09
26 55 53 11-0110		Eaton Flood Lights *(26 55 53 11)*		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,050.21	132.33
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*55.43*	
		For >50 To 100, Deduct	*-32.87*	
		For >100 To 250, Deduct	*-59.13*	
		For >250 To 500, Deduct	*-105.02*	
		For >500, Deduct	*-150.91*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,303.09	144.67
		For >50 To 100, Deduct	*-39.81*	
		For >100 To 250, Deduct	*-72.39*	
		For >250 To 500, Deduct	*-130.31*	
		For >500, Deduct	*-188.23*	
26 55 53 11-0113		Ruud Flood Lights *(26 55 53 11)*		
26 55 53 11-0114		NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	440.25	99.25
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	440.25	99.25
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	440.25	99.25
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	440.25	99.25
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	440.25	99.25
26 55 53 11-0121		Metal Halide NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	500.16	99.25
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	500.16	99.25
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	500.16	99.25
26 55 53 11-0125		Compact Fluorescent NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	378.21	99.25
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	393.19	99.25
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	397.46	99.25
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	401.74	99.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0130		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	678.56	148.87
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	717.07	148.87
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	738.47	148.87
26 55 53 11-0135		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	670.01	148.87
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	674.28	148.87
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	687.12	148.87
26 55 53 11-0139		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	655.03	148.87
26 55 53 11-0141		FS (Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142		High Pressure Sodium FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	791.95	148.87
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	796.23	148.87
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,347.05	165.42
26 55 53 11-0146		Metal Halide FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	791.95	148.87
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	796.23	148.87
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	809.07	148.87
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,205.84	165.42
26 55 53 11-0151		MFS (Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152		High Pressure Sodium MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	621.95	132.33
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	666.88	132.33
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	666.88	132.33
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	666.88	132.33
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	666.88	132.33
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	681.85	132.33
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	681.85	132.33
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	681.85	132.33
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	658.32	132.33
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	675.43	132.33
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	720.36	132.33
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	720.36	132.33
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	720.36	132.33
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	720.36	132.33
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	735.34	132.33
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	735.34	132.33
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	735.34	132.33
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	711.80	132.33
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	892.50	148.87
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	913.90	148.87
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,400.53	165.42
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	845.44	148.87
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	849.72	148.87
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	862.55	148.87
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,259.38	165.42
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,152.36	165.42
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,374.86	165.42
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,101.01	165.42
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,233.66	165.42
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	922.45	148.87
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	943.85	148.87
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	875.39	148.87
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	879.67	148.87
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	892.50	148.87
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,289.28	165.42
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	98.25	33.09
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	156.01	33.09
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	113.23	33.09
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	134.62	33.09
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	271.24	99.25
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	85.41	33.09
26 55 53 11-0208		Lumark Flood Lights *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	242.25	99.25
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	305.36	99.25
26 55 53 11-0213		Kim Lighting *(26 55 53 11)*		
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	502.01	40.43
		For >50 To 100, Deduct	*-14.57*	
		For >100 To 250, Deduct	*-27.12*	
		For >250 To 500, Deduct	*-50.20*	
		For >500, Deduct	*-73.28*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	620.71	40.43
		For >50 To 100, Deduct	*-17.54*	
		For >100 To 250, Deduct	*-33.06*	
		For >250 To 500, Deduct	*-62.07*	
		For >500, Deduct	*-91.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0218		**Scarab® Series Kim Lighting Flood Lights** *(26 55 53 11-0213)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		**LED Scarab® Series Kim Lighting Accent Flood Lights** *(26 55 53 11-0218)* Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light	766.71	40.43
		For >50 To 100, Deduct	*-21.19*	
		For >100 To 250, Deduct	*-40.36*	
		For >250 To 500, Deduct	*-76.67*	
		For >500, Deduct	*-112.98*	
26 55 53 11-0221		**CREE® BetaLED® Flood Lights** *(26 55 53 11)*		
26 55 53 11-0222		**Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304)** *(26 55 53 11-0221)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,016.86	118.37
		For >50 To 100, Deduct	*-31.34*	
		For >100 To 250, Deduct	*-56.76*	
		For >250 To 500, Deduct	*-101.69*	
		For >500, Deduct	*-146.61*	
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,112.58	124.94
		For >50 To 100, Deduct	*-34.06*	
		For >100 To 250, Deduct	*-61.88*	
		For >250 To 500, Deduct	*-111.26*	
		For >500, Deduct	*-160.64*	
26 55 53 11-0225		**Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG)** *(26 55 53 11-0221)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	885.55	111.79
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-27.73*	
		For >100 To 250, Deduct	*-49.87*	
		For >250 To 500, Deduct	*-88.56*	
		For >500, Deduct	*-127.24*	
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,107.97	118.37
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-33.62*	
		For >100 To 250, Deduct	*-61.32*	
		For >250 To 500, Deduct	*-110.80*	
		For >500, Deduct	*-160.28*	
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,330.38	124.94
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-39.51*	
		For >100 To 250, Deduct	*-72.77*	
		For >250 To 500, Deduct	*-133.04*	
		For >500, Deduct	*-193.31*	
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,636.79	131.52
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-47.50*	
		For >100 To 250, Deduct	*-88.42*	
		For >250 To 500, Deduct	*-163.68*	
		For >500, Deduct	*-238.94*	
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,859.21	138.09
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-53.38*	
		For >100 To 250, Deduct	*-99.87*	
		For >250 To 500, Deduct	*-185.92*	
		For >500, Deduct	*-271.98*	
26 55 53 11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,081.63	144.67
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-59.27*	
		For >100 To 250, Deduct	*-111.31*	
		For >250 To 500, Deduct	*-208.16*	
		For >500, Deduct	*-305.01*	
26 55 53 11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,370.96	151.24
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-66.84*	
		For >100 To 250, Deduct	*-126.11*	
		For >250 To 500, Deduct	*-237.10*	
		For >500, Deduct	*-348.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,593.39	157.82
		For 480 Volt, Add	*99.79*	
		For >50 To 100, Deduct	*-72.73*	
		For >100 To 250, Deduct	*-137.56*	
		For >250 To 500, Deduct	*-259.34*	
		For >500, Deduct	*-381.12*	

26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0235	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	1,997.64	144.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*40.92*	
		For 5,000K Color Temperature, Add	*41.98*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For 1,000mA Driver, Add	*141.04*	
		For >50 To 100, Deduct	*-57.17*	
		For >100 To 250, Deduct	*-107.12*	
		For >250 To 500, Deduct	*-199.76*	
		For >500, Deduct	*-292.41*	
26 55 53 11-0236	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	3,368.00	177.54
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For 5,000K Color Temperature, Add	*41.98*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Bird Spikes, Add	*60.08*	
		For Multi-Level, Add	*109.13*	
		For 1,000mA Driver, Add	*141.04*	
		For 480 Volt, Add	*151.10*	
		For >50 To 100, Deduct	*-93.08*	
		For >100 To 250, Deduct	*-177.28*	
		For >250 To 500, Deduct	*-336.80*	
		For >500, Deduct	*-496.32*	

26 55 53 11-0237 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0238	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,188.44	144.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Front Facing Optics, Back Light Shield, Add	*32.09*	
		For Rotated Optics, Back Light Shield, Add	*32.09*	
		For Field Adjustable Output, Add	*25.19*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-36.94*	
		For >100 To 250, Deduct	*-66.66*	
		For >250 To 500, Deduct	*-118.84*	
		For >500, Deduct	*-171.03*	
26 55 53 11-0239	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) Note: Type III, IV or V medium optics only.	1,267.78	144.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Front Facing Optics, Back Light Shield, Add	*32.09*	
		For Rotated Optics, Back Light Shield, Add	*32.09*	
		For Field Adjustable Output, Add	*25.19*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Type II Medium Or Type V Short Optics, Add	*495.54*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-38.93*	
		For >100 To 250, Deduct	*-70.62*	
		For >250 To 500, Deduct	*-126.78*	
		For >500, Deduct	*-182.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0240	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	1,624.43	177.54
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Front Facing Optics, Back Light Shield, Add	*38.91*	
		For Rotated Optics, Back Light Shield, Add	*38.91*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-49.49*	
		For >100 To 250, Deduct	*-90.10*	
		For >250 To 500, Deduct	*-162.44*	
		For >500, Deduct	*-234.79*	
26 55 53 11-0241		PlanLED Flood Lights *(26 55 53 11)*		
26 55 53 11-0242		Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)*		
26 55 53 11-0243	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	620.43	118.37
		For >50 To 100, Deduct	*-21.43*	
		For >100 To 250, Deduct	*-36.94*	
		For >250 To 500, Deduct	*-62.04*	
		For >500, Deduct	*-87.15*	
26 55 53 11-0244	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	741.80	124.94
		For >50 To 100, Deduct	*-24.79*	
		For >100 To 250, Deduct	*-43.34*	
		For >250 To 500, Deduct	*-74.18*	
		For >500, Deduct	*-105.02*	
26 55 53 11-0245	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	855.98	134.80
		For >50 To 100, Deduct	*-28.14*	
		For >100 To 250, Deduct	*-49.54*	
		For >250 To 500, Deduct	*-85.60*	
		For >500, Deduct	*-121.66*	
26 55 53 11-0246		Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)*		
26 55 53 11-0247	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,736.21	263.03
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-56.56*	
		For >100 To 250, Deduct	*-99.96*	
		For >250 To 500, Deduct	*-173.62*	
		For >500, Deduct	*-247.28*	
26 55 53 11-0248	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	2,690.54	263.03
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-80.42*	
		For >100 To 250, Deduct	*-147.68*	
		For >250 To 500, Deduct	*-269.05*	
		For >500, Deduct	*-390.43*	
26 55 53 11-0249	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	4,744.82	263.03
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For >50 To 100, Deduct	*-131.77*	
		For >100 To 250, Deduct	*-250.39*	
		For >250 To 500, Deduct	*-474.48*	
		For >500, Deduct	*-698.57*	
26 55 53 11-0250		Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)*		
26 55 53 11-0251	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,536.34	170.97
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*127.90*	
		For >50 To 100, Deduct	*-46.96*	
		For >100 To 250, Deduct	*-85.37*	
		For >250 To 500, Deduct	*-153.63*	
		For >500, Deduct	*-221.90*	
26 55 53 11-0252	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	1,966.65	177.54
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*101.62*	
		For >50 To 100, Deduct	*-58.04*	
		For >100 To 250, Deduct	*-107.21*	
		For >250 To 500, Deduct	*-196.67*	
		For >500, Deduct	*-286.12*	
26 55 53 11-0253	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,509.11	184.12
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*81.58*	
		For >50 To 100, Deduct	*-71.93*	
		For >100 To 250, Deduct	*-134.66*	
		For >250 To 500, Deduct	*-250.91*	
		For >500, Deduct	*-367.16*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0001		Lithonia Hazardous Location Flood Lights *(26 55 53 12)*		
26 55 53 12-0002		HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003		High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	971.34	132.33
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,037.66	132.33
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	973.47	132.33
26 55 53 12-0007		Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,030.58	132.33
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	999.15	132.33
26 55 53 12-0010		HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	925.74	132.33
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	965.32	132.33
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	818.77	132.33
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,308.54	165.42
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,327.79	165.42
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,302.12	165.42
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,327.79	165.42
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	971.66	148.87
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,046.54	148.87
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** ***(26 55 53)*** Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,256.14	198.50
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,431.57	198.50
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,440.13	198.50
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,707.55	198.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,596.30	198.50
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,477.67	198.50
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,365.25	198.50
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,476.50	198.50
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
		See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** *(26 55)*		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	602.31	140.14
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	602.31	140.14
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	602.31	140.14
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	621.16	140.14
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak	425.22	140.14
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak	697.75	140.14
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight	2,097.76	140.14
		Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight	2,526.72	140.14
		Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0010	EA	PAR 64 Can Lighting With 20 Gauge Sheet Steel	358.22	140.14
		Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
26 55 61 00-0011	EA	6' Long Borderlight Sections	1,231.05	140.14
		Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	2,722.79	140.14
26 55 68		**Athletic Field Lighting** *(26 55)*		
26 55 68 00-0001		Sports Lighting System *(26 55 68)*		
		Note: Musco.		
26 55 68 00-0002		Round Steel Tapered Poles *(26 55 68 00-0001)*		
		Note: With Internal wiring harness.		
26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	3,837.89	635.20
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,618.06	767.53
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,206.02	833.71
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,694.57	866.78
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,150.90	899.87
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,204.27	1,098.36
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,817.20	1,164.54
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	10,015.90	1,323.33
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	11,372.03	1,488.75
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	12,489.02	1,598.69
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	13,618.14	1,786.77
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	14,841.98	2,006.21
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	16,634.22	2,413.71
26 55 68 00-0016		Steel Pole Brackets *(26 55 68 00-0001)*		
26 55 68 00-0017	EA	Two Light Bracket	607.25	66.16
26 55 68 00-0018	EA	Three Light Bracket	763.64	92.63
26 55 68 00-0019	EA	Four Light Bracket	1,102.53	112.48
26 55 68 00-0020	EA	Five Light Bracket	1,255.39	132.33
26 55 68 00-0021	EA	Six Light Bracket	1,523.33	152.18
26 55 68 00-0022	EA	Seven Light Bracket	1,744.31	172.04
26 55 68 00-0023	EA	Eight Light Bracket	1,994.75	198.50
26 55 68 00-0024	EA	Nine Light Bracket	2,254.09	218.35
26 55 68 00-0025		Light Fixtures *(26 55 68 00-0001)*		
26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,369.02	
		For 1,500 Watt Metal Halide Lamp, Add	*14.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 68 00-0027		Electrical Component Enclosure *(26 55 68 00-0001)* Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	943.30	74.97
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,415.43	115.34
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,624.09	144.17
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,100.08	161.48
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,361.63	173.00
26 55 68 00-0033		Accessories *(26 55 68 00-0001)*		
26 55 68 00-0034	EA	Time Delay Kit (Musco®)	957.30	231.07
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	1,947.63	231.07
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,343.76	231.07
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	11,289.71	693.22
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,221.01	115.34
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,451.68	230.68

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles and Standards *(26 56)*

26 56 13 00-0001		Poles And Standards *(26 56 13)* See CSI section 26 05 46 00-0001 for additional pole.		
26 56 13 00-0002		Roadway Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0003		Steel Roadway Light Poles *(26 56 13 00-0002)* Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004		Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*		
26 56 13 00-0005		Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0006		Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,651.40	397.00
		For Galvanized Finish, Add	*55.72*	
		For >10 To 20, Deduct	*-66.29*	
		For >20 To 40, Deduct	*-132.57*	
		For >40, Deduct	*-218.71*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,655.98	397.00
		For Galvanized Finish, Add	*55.86*	
		For >10 To 20, Deduct	*-66.40*	
		For >20 To 40, Deduct	*-132.80*	
		For >40, Deduct	*-219.05*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,947.85	529.34
		For Galvanized Finish, Add	*56.68*	
		For >10 To 20, Deduct	*-73.70*	
		For >20 To 40, Deduct	*-147.39*	
		For >40, Deduct	*-247.56*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,003.05	529.34
		For Galvanized Finish, Add	*58.33*	
		For >10 To 20, Deduct	*-75.08*	
		For >20 To 40, Deduct	*-150.15*	
		For >40, Deduct	*-251.70*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,058.25	529.34
		For Galvanized Finish, Add	*59.99*	
		For >10 To 20, Deduct	*-76.46*	
		For >20 To 40, Deduct	*-152.91*	
		For >40, Deduct	*-255.84*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,202.21	595.50
		For Galvanized Finish, Add	*60.34*	
		For >10 To 20, Deduct	*-80.06*	
		For >20 To 40, Deduct	*-160.11*	
		For >40, Deduct	*-269.94*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,228.38	595.50
		For Galvanized Finish, Add	*61.12*	
		For >10 To 20, Deduct	*-80.71*	
		For >20 To 40, Deduct	*-161.42*	
		For >40, Deduct	*-271.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,233.36	595.50
		For Galvanized Finish, Add	*61.27*	
		For >10 To 20, Deduct	*-80.83*	
		For >20 To 40, Deduct	*-161.67*	
		For >40, Deduct	*-272.28*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,392.46	628.58
		For Galvanized Finish, Add	*64.06*	
		For >10 To 20, Deduct	*-84.81*	
		For >20 To 40, Deduct	*-169.62*	
		For >40, Deduct	*-285.86*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,412.23	628.58
		For Galvanized Finish, Add	*64.65*	
		For >10 To 20, Deduct	*-85.31*	
		For >20 To 40, Deduct	*-170.61*	
		For >40, Deduct	*-287.35*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,433.82	628.58
		For Galvanized Finish, Add	*65.30*	
		For >10 To 20, Deduct	*-85.85*	
		For >20 To 40, Deduct	*-171.69*	
		For >40, Deduct	*-288.97*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,886.71	661.67
		For Galvanized Finish, Add	*76.90*	
		For >10 To 20, Deduct	*-97.17*	
		For >20 To 40, Deduct	*-194.34*	
		For >40, Deduct	*-324.59*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,893.74	661.67
		For Galvanized Finish, Add	*77.11*	
		For >10 To 20, Deduct	*-97.34*	
		For >20 To 40, Deduct	*-194.69*	
		For >40, Deduct	*-325.11*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,900.70	661.67
		For Galvanized Finish, Add	*77.32*	
		For >10 To 20, Deduct	*-97.52*	
		For >20 To 40, Deduct	*-195.04*	
		For >40, Deduct	*-325.64*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,284.73	463.16
		For Galvanized Finish, Add	*70.75*	
		For >10 To 20, Deduct	*-82.12*	
		For >20 To 40, Deduct	*-164.24*	
		For >40, Deduct	*-269.51*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,347.31	479.71
		For Galvanized Finish, Add	*71.64*	
		For >10 To 20, Deduct	*-83.68*	
		For >20 To 40, Deduct	*-167.37*	
		For >40, Deduct	*-275.03*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,402.61	496.25
		For Galvanized Finish, Add	*72.30*	
		For >10 To 20, Deduct	*-85.07*	
		For >20 To 40, Deduct	*-170.13*	
		For >40, Deduct	*-280.01*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,358.16	595.50
		For Galvanized Finish, Add	*65.01*	
		For >10 To 20, Deduct	*-83.95*	
		For >20 To 40, Deduct	*-167.91*	
		For >40, Deduct	*-281.64*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,402.95	612.05
		For Galvanized Finish, Add	*65.37*	
		For >10 To 20, Deduct	*-85.07*	
		For >20 To 40, Deduct	*-170.15*	
		For >40, Deduct	*-285.82*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,440.78	628.58
		For Galvanized Finish, Add	*65.51*	
		For >10 To 20, Deduct	*-86.02*	
		For >20 To 40, Deduct	*-172.04*	
		For >40, Deduct	*-289.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,635.06	661.67
		For Galvanized Finish, Add	*69.35*	
		For >10 To 20, Deduct	*-90.88*	
		For >20 To 40, Deduct	*-181.75*	
		For >40, Deduct	*-305.71*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,675.27	678.21
		For Galvanized Finish, Add	*69.57*	
		For >10 To 20, Deduct	*-91.88*	
		For >20 To 40, Deduct	*-183.76*	
		For >40, Deduct	*-309.56*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,712.85	694.75
		For Galvanized Finish, Add	*69.70*	
		For >10 To 20, Deduct	*-92.82*	
		For >20 To 40, Deduct	*-185.64*	
		For >40, Deduct	*-313.20*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,852.68	694.75
		For Galvanized Finish, Add	*73.90*	
		For >10 To 20, Deduct	*-96.32*	
		For >20 To 40, Deduct	*-192.63*	
		For >40, Deduct	*-323.69*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,916.37	711.30
		For Galvanized Finish, Add	*74.81*	
		For >10 To 20, Deduct	*-97.91*	
		For >20 To 40, Deduct	*-195.82*	
		For >40, Deduct	*-329.29*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,978.48	727.83
		For Galvanized Finish, Add	*75.68*	
		For >10 To 20, Deduct	*-99.46*	
		For >20 To 40, Deduct	*-198.92*	
		For >40, Deduct	*-334.78*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,319.73	727.83
		For Galvanized Finish, Add	*85.92*	
		For >10 To 20, Deduct	*-107.99*	
		For >20 To 40, Deduct	*-215.99*	
		For >40, Deduct	*-360.37*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,357.39	744.38
		For Galvanized Finish, Add	*86.06*	
		For >10 To 20, Deduct	*-108.93*	
		For >20 To 40, Deduct	*-217.87*	
		For >40, Deduct	*-364.02*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,395.23	760.92
		For Galvanized Finish, Add	*86.20*	
		For >10 To 20, Deduct	*-109.88*	
		For >20 To 40, Deduct	*-219.76*	
		For >40, Deduct	*-367.69*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,924.03	661.67
		For Galvanized Finish, Add	*78.02*	
		For >10 To 20, Deduct	*-98.10*	
		For >20 To 40, Deduct	*-196.20*	
		For >40, Deduct	*-327.39*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,994.87	694.75
		For Galvanized Finish, Add	*78.16*	
		For >10 To 20, Deduct	*-99.87*	
		For >20 To 40, Deduct	*-199.74*	
		For >40, Deduct	*-334.35*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,072.67	727.83
		For Galvanized Finish, Add	*78.51*	
		For >10 To 20, Deduct	*-101.82*	
		For >20 To 40, Deduct	*-203.63*	
		For >40, Deduct	*-341.84*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,172.94	727.83
		For Galvanized Finish, Add	*81.52*	
		For >10 To 20, Deduct	*-104.32*	
		For >20 To 40, Deduct	*-208.65*	
		For >40, Deduct	*-349.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,246.00	760.92
		For Galvanized Finish, Add	*81.72*	
		For >10 To 20, Deduct	*-106.15*	
		For >20 To 40, Deduct	*-212.30*	
		For >40, Deduct	*-356.50*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,316.82	794.01
		For Galvanized Finish, Add	*81.86*	
		For >10 To 20, Deduct	*-107.92*	
		For >20 To 40, Deduct	*-215.84*	
		For >40, Deduct	*-363.46*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,430.03	760.92
		For Galvanized Finish, Add	*87.25*	
		For >10 To 20, Deduct	*-110.75*	
		For >20 To 40, Deduct	*-221.50*	
		For >40, Deduct	*-370.30*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,500.85	794.01
		For Galvanized Finish, Add	*87.39*	
		For >10 To 20, Deduct	*-112.52*	
		For >20 To 40, Deduct	*-225.04*	
		For >40, Deduct	*-377.26*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,571.69	827.08
		For Galvanized Finish, Add	*87.53*	
		For >10 To 20, Deduct	*-114.29*	
		For >20 To 40, Deduct	*-228.58*	
		For >40, Deduct	*-384.23*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,752.74	794.01
		For Galvanized Finish, Add	*94.94*	
		For >10 To 20, Deduct	*-118.82*	
		For >20 To 40, Deduct	*-237.64*	
		For >40, Deduct	*-396.16*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,823.34	827.08
		For Galvanized Finish, Add	*95.08*	
		For >10 To 20, Deduct	*-120.58*	
		For >20 To 40, Deduct	*-241.17*	
		For >40, Deduct	*-403.10*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,898.83	860.17
		For Galvanized Finish, Add	*95.36*	
		For >10 To 20, Deduct	*-122.47*	
		For >20 To 40, Deduct	*-244.94*	
		For >40, Deduct	*-410.42*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,359.35	727.83
		For Galvanized Finish, Add	*87.11*	
		For >10 To 20, Deduct	*-108.98*	
		For >20 To 40, Deduct	*-217.97*	
		For >40, Deduct	*-363.34*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,465.56	777.46
		For Galvanized Finish, Add	*87.32*	
		For >10 To 20, Deduct	*-111.64*	
		For >20 To 40, Deduct	*-223.28*	
		For >40, Deduct	*-373.79*	
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,569.39	827.08
		For Galvanized Finish, Add	*87.46*	
		For >10 To 20, Deduct	*-114.23*	
		For >20 To 40, Deduct	*-228.47*	
		For >40, Deduct	*-384.06*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,636.80	794.01
		For Galvanized Finish, Add	*91.46*	
		For >10 To 20, Deduct	*-115.92*	
		For >20 To 40, Deduct	*-231.84*	
		For >40, Deduct	*-387.46*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,740.95	843.63
		For Galvanized Finish, Add	*91.61*	
		For >10 To 20, Deduct	*-118.52*	
		For >20 To 40, Deduct	*-237.05*	
		For >40, Deduct	*-397.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,818.23	893.25
		For Galvanized Finish, Add	*90.95*	
		For >10 To 20, Deduct	*-120.46*	
		For >20 To 40, Deduct	*-240.91*	
		For >40, Deduct	*-406.03*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,967.82	827.08
		For Galvanized Finish, Add	*99.41*	
		For >10 To 20, Deduct	*-124.20*	
		For >20 To 40, Deduct	*-248.39*	
		For >40, Deduct	*-413.94*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,103.45	876.71
		For Galvanized Finish, Add	*100.50*	
		For >10 To 20, Deduct	*-127.59*	
		For >20 To 40, Deduct	*-255.17*	
		For >40, Deduct	*-426.59*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,178.11	926.34
		For Galvanized Finish, Add	*99.76*	
		For >10 To 20, Deduct	*-129.45*	
		For >20 To 40, Deduct	*-258.91*	
		For >40, Deduct	*-434.68*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,185.51	860.17
		For Galvanized Finish, Add	*103.96*	
		For >10 To 20, Deduct	*-129.64*	
		For >20 To 40, Deduct	*-259.28*	
		For >40, Deduct	*-431.92*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,289.35	909.79
		For Galvanized Finish, Add	*104.09*	
		For >10 To 20, Deduct	*-132.23*	
		For >20 To 40, Deduct	*-264.47*	
		For >40, Deduct	*-442.19*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,395.57	959.42
		For Galvanized Finish, Add	*104.30*	
		For >10 To 20, Deduct	*-134.89*	
		For >20 To 40, Deduct	*-269.78*	
		For >40, Deduct	*-452.64*	
26 56 13 00-0063		Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*		
26 56 13 00-0064		Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*		
26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,118.67	529.34
		For Galvanized Finish, Add	*61.80*	
		For >10 To 20, Deduct	*-77.97*	
		For >20 To 40, Deduct	*-155.93*	
		For >40, Deduct	*-260.37*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,527.09	595.50
		For Galvanized Finish, Add	*70.08*	
		For >10 To 20, Deduct	*-88.18*	
		For >20 To 40, Deduct	*-176.35*	
		For >40, Deduct	*-294.31*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,631.69	628.58
		For Galvanized Finish, Add	*71.24*	
		For >10 To 20, Deduct	*-90.79*	
		For >20 To 40, Deduct	*-181.58*	
		For >40, Deduct	*-303.81*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,287.51	661.67
		For Galvanized Finish, Add	*88.93*	
		For >10 To 20, Deduct	*-107.19*	
		For >20 To 40, Deduct	*-214.38*	
		For >40, Deduct	*-354.65*	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,943.29	529.34
		For Galvanized Finish, Add	*86.54*	
		For >10 To 20, Deduct	*-98.58*	
		For >20 To 40, Deduct	*-197.16*	
		For >40, Deduct	*-322.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,978.64	529.34
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-99.47*	
		For >20 To 40, Deduct	*-198.93*	
		For >40, Deduct	*-324.86*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,994.77	529.34
		For Galvanized Finish, Add	*88.08*	
		For >10 To 20, Deduct	*-99.87*	
		For >20 To 40, Deduct	*-199.74*	
		For >40, Deduct	*-326.07*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,110.97	595.50
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-102.77*	
		For >20 To 40, Deduct	*-205.55*	
		For >40, Deduct	*-338.10*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,117.14	595.50
		For Galvanized Finish, Add	*87.78*	
		For >10 To 20, Deduct	*-102.93*	
		For >20 To 40, Deduct	*-205.86*	
		For >40, Deduct	*-338.56*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,180.88	595.50
		For Galvanized Finish, Add	*89.70*	
		For >10 To 20, Deduct	*-104.52*	
		For >20 To 40, Deduct	*-209.04*	
		For >40, Deduct	*-343.34*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,198.10	628.58
		For Galvanized Finish, Add	*88.23*	
		For >10 To 20, Deduct	*-104.95*	
		For >20 To 40, Deduct	*-209.91*	
		For >40, Deduct	*-346.29*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,235.42	628.58
		For Galvanized Finish, Add	*89.35*	
		For >10 To 20, Deduct	*-105.89*	
		For >20 To 40, Deduct	*-211.77*	
		For >40, Deduct	*-349.09*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,431.16	628.58
		For Galvanized Finish, Add	*95.22*	
		For >10 To 20, Deduct	*-110.78*	
		For >20 To 40, Deduct	*-221.56*	
		For >40, Deduct	*-363.77*	

26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*

26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,148.42	661.67
		For Galvanized Finish, Add	*114.75*	
		For >10 To 20, Deduct	*-128.71*	
		For >20 To 40, Deduct	*-257.42*	
		For >40, Deduct	*-419.21*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,248.44	694.75
		For Galvanized Finish, Add	*115.77*	
		For >10 To 20, Deduct	*-131.21*	
		For >20 To 40, Deduct	*-262.42*	
		For >40, Deduct	*-428.37*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,447.48	727.83
		For Galvanized Finish, Add	*119.75*	
		For >10 To 20, Deduct	*-136.19*	
		For >20 To 40, Deduct	*-272.37*	
		For >40, Deduct	*-444.95*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,261.15	727.83
		For Galvanized Finish, Add	*114.16*	
		For >10 To 20, Deduct	*-131.53*	
		For >20 To 40, Deduct	*-263.06*	
		For >40, Deduct	*-430.98*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,502.18	760.92
		For Galvanized Finish, Add	*119.41*	
		For >10 To 20, Deduct	*-137.55*	
		For >20 To 40, Deduct	*-275.11*	
		For >40, Deduct	*-450.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,654.38	794.01
		For Galvanized Finish, Add	*121.99*	
		For >10 To 20, Deduct	*-141.36*	
		For >20 To 40, Deduct	*-282.72*	
		For >40, Deduct	*-463.78*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,424.99	760.92
		For Galvanized Finish, Add	*117.09*	
		For >10 To 20, Deduct	*-135.62*	
		For >20 To 40, Deduct	*-271.25*	
		For >40, Deduct	*-444.92*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,740.58	794.01
		For Galvanized Finish, Add	*124.58*	
		For >10 To 20, Deduct	*-143.51*	
		For >20 To 40, Deduct	*-287.03*	
		For >40, Deduct	*-470.24*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,934.87	827.08
		For Galvanized Finish, Add	*128.42*	
		For >10 To 20, Deduct	*-148.37*	
		For >20 To 40, Deduct	*-296.74*	
		For >40, Deduct	*-486.47*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,316.06	397.00
		For >10 To 20, Deduct	*-57.90*	
		For >20 To 40, Deduct	*-115.80*	
		For >40, Deduct	*-193.55*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,334.49	397.00
		For >10 To 20, Deduct	*-58.36*	
		For >20 To 40, Deduct	*-116.72*	
		For >40, Deduct	*-194.94*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,858.84	529.34
		For >10 To 20, Deduct	*-71.47*	
		For >20 To 40, Deduct	*-142.94*	
		For >40, Deduct	*-240.88*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,893.65	529.34
		For >10 To 20, Deduct	*-72.34*	
		For >20 To 40, Deduct	*-144.68*	
		For >40, Deduct	*-243.49*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	2,925.67	529.34
		For >10 To 20, Deduct	*-73.14*	
		For >20 To 40, Deduct	*-146.28*	
		For >40, Deduct	*-245.89*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,276.01	595.50
		For >10 To 20, Deduct	*-81.90*	
		For >20 To 40, Deduct	*-163.80*	
		For >40, Deduct	*-275.48*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,305.38	595.50
		For >10 To 20, Deduct	*-82.63*	
		For >20 To 40, Deduct	*-165.27*	
		For >40, Deduct	*-277.68*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,338.23	595.50
		For >10 To 20, Deduct	*-83.46*	
		For >20 To 40, Deduct	*-166.91*	
		For >40, Deduct	*-280.14*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,806.89	628.58
		For >10 To 20, Deduct	*-95.17*	
		For >20 To 40, Deduct	*-190.34*	
		For >40, Deduct	*-316.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,836.19	628.58
		For >10 To 20, Deduct	*-95.90*	
		For >20 To 40, Deduct	*-191.81*	
		For >40, Deduct	*-319.14*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,860.73	628.58
		For >10 To 20, Deduct	*-96.52*	
		For >20 To 40, Deduct	*-193.04*	
		For >40, Deduct	*-320.98*	
26 56 13 00-0105		**Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	2,657.56	463.16
		For >10 To 20, Deduct	*-66.44*	
		For >20 To 40, Deduct	*-132.88*	
		For >40, Deduct	*-222.48*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	2,838.12	463.16
		For >10 To 20, Deduct	*-70.95*	
		For >20 To 40, Deduct	*-141.91*	
		For >40, Deduct	*-236.02*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	2,939.47	496.25
		For >10 To 20, Deduct	*-73.49*	
		For >20 To 40, Deduct	*-146.97*	
		For >40, Deduct	*-245.27*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,190.45	595.50
		For >10 To 20, Deduct	*-79.76*	
		For >20 To 40, Deduct	*-159.52*	
		For >40, Deduct	*-269.06*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,338.46	612.05
		For >10 To 20, Deduct	*-83.46*	
		For >20 To 40, Deduct	*-166.92*	
		For >40, Deduct	*-280.99*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,548.63	628.58
		For >10 To 20, Deduct	*-88.72*	
		For >20 To 40, Deduct	*-177.43*	
		For >40, Deduct	*-297.58*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,670.90	661.67
		For >10 To 20, Deduct	*-91.77*	
		For >20 To 40, Deduct	*-183.55*	
		For >40, Deduct	*-308.40*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,810.61	678.21
		For >10 To 20, Deduct	*-95.27*	
		For >20 To 40, Deduct	*-190.53*	
		For >40, Deduct	*-319.71*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,979.47	694.75
		For >10 To 20, Deduct	*-99.49*	
		For >20 To 40, Deduct	*-198.97*	
		For >40, Deduct	*-333.20*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,139.18	694.75
		For >10 To 20, Deduct	*-103.48*	
		For >20 To 40, Deduct	*-206.96*	
		For >40, Deduct	*-345.18*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,504.68	711.30
		For >10 To 20, Deduct	*-112.62*	
		For >20 To 40, Deduct	*-225.23*	
		For >40, Deduct	*-373.42*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,928.54	727.83
		For >10 To 20, Deduct	*-123.21*	
		For >20 To 40, Deduct	*-246.43*	
		For >40, Deduct	*-406.03*	
26 56 13 00-0118		**Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,080.55	529.34
		For >10 To 20, Deduct	*-77.01*	
		For >20 To 40, Deduct	*-154.03*	
		For >40, Deduct	*-257.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,292.76	562.41
		For >10 To 20, Deduct	*-82.32*	
		For >20 To 40, Deduct	*-164.64*	
		For >40, Deduct	*-275.08*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,754.04	661.67
		For >10 To 20, Deduct	*-93.85*	
		For >20 To 40, Deduct	*-187.70*	
		For >40, Deduct	*-314.64*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,916.79	694.75
		For >10 To 20, Deduct	*-97.92*	
		For >20 To 40, Deduct	*-195.84*	
		For >40, Deduct	*-328.50*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,102.04	727.83
		For >10 To 20, Deduct	*-102.55*	
		For >20 To 40, Deduct	*-205.10*	
		For >40, Deduct	*-344.04*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,251.35	760.92
		For >10 To 20, Deduct	*-106.28*	
		For >20 To 40, Deduct	*-212.57*	
		For >40, Deduct	*-356.90*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,424.28	760.92
		For >10 To 20, Deduct	*-110.61*	
		For >20 To 40, Deduct	*-221.21*	
		For >40, Deduct	*-369.87*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,797.33	794.01
		For >10 To 20, Deduct	*-119.93*	
		For >20 To 40, Deduct	*-239.87*	
		For >40, Deduct	*-399.50*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	10,643.96	827.08
		For >10 To 20, Deduct	*-266.10*	
		For >20 To 40, Deduct	*-532.20*	
		For >40, Deduct	*-839.65*	

26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,212.42	595.50
		For >10 To 20, Deduct	*-80.31*	
		For >20 To 40, Deduct	*-160.62*	
		For >40, Deduct	*-270.71*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,322.98	595.50
		For >10 To 20, Deduct	*-83.07*	
		For >20 To 40, Deduct	*-166.15*	
		For >40, Deduct	*-279.00*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,108.92	727.83
		For >10 To 20, Deduct	*-102.72*	
		For >20 To 40, Deduct	*-205.45*	
		For >40, Deduct	*-344.56*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,443.84	777.46
		For >10 To 20, Deduct	*-111.10*	
		For >20 To 40, Deduct	*-222.19*	
		For >40, Deduct	*-372.16*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,627.50	794.01
		For >10 To 20, Deduct	*-115.69*	
		For >20 To 40, Deduct	*-231.38*	
		For >40, Deduct	*-386.76*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,937.96	843.63
		For >10 To 20, Deduct	*-123.45*	
		For >20 To 40, Deduct	*-246.90*	
		For >40, Deduct	*-412.53*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,868.93	827.08
		For >10 To 20, Deduct	*-121.72*	
		For >20 To 40, Deduct	*-243.45*	
		For >40, Deduct	*-406.52*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,509.39	876.71
		For >10 To 20, Deduct	*-137.73*	
		For >20 To 40, Deduct	*-275.47*	
		For >40, Deduct	*-457.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,078.18	926.34
		For >10 To 20, Deduct	*-151.95*	
		For >20 To 40, Deduct	*-303.91*	
		For >40, Deduct	*-502.18*	
26 56 13 00-0138		Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*		
26 56 13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*		
26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,370.37	529.34
		For >10 To 20, Deduct	*-84.26*	
		For >20 To 40, Deduct	*-168.52*	
		For >40, Deduct	*-279.24*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,394.99	529.34
		For >10 To 20, Deduct	*-84.87*	
		For >20 To 40, Deduct	*-169.75*	
		For >40, Deduct	*-281.09*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,457.89	529.34
		For >10 To 20, Deduct	*-86.45*	
		For >20 To 40, Deduct	*-172.89*	
		For >40, Deduct	*-285.81*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,552.28	529.34
		For >10 To 20, Deduct	*-88.81*	
		For >20 To 40, Deduct	*-177.61*	
		For >40, Deduct	*-292.89*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,794.56	595.50
		For >10 To 20, Deduct	*-94.86*	
		For >20 To 40, Deduct	*-189.73*	
		For >40, Deduct	*-314.37*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,850.06	595.50
		For >10 To 20, Deduct	*-96.25*	
		For >20 To 40, Deduct	*-192.50*	
		For >40, Deduct	*-318.53*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,909.26	595.50
		For >10 To 20, Deduct	*-97.73*	
		For >20 To 40, Deduct	*-195.46*	
		For >40, Deduct	*-322.97*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,266.37	595.50
		For >10 To 20, Deduct	*-106.66*	
		For >20 To 40, Deduct	*-213.32*	
		For >40, Deduct	*-349.75*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,114.68	628.58
		For >10 To 20, Deduct	*-102.87*	
		For >20 To 40, Deduct	*-205.73*	
		For >40, Deduct	*-340.03*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,572.90	628.58
		For >10 To 20, Deduct	*-114.32*	
		For >20 To 40, Deduct	*-228.65*	
		For >40, Deduct	*-374.40*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,617.53	628.58
		For >10 To 20, Deduct	*-115.44*	
		For >20 To 40, Deduct	*-230.88*	
		For >40, Deduct	*-377.74*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,900.85	628.58
		For >10 To 20, Deduct	*-122.52*	
		For >20 To 40, Deduct	*-245.04*	
		For >40, Deduct	*-398.99*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,159.26	628.58
		For >10 To 20, Deduct	*-128.98*	
		For >20 To 40, Deduct	*-257.96*	
		For >40, Deduct	*-418.37*	
26 56 13 00-0153		Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*		
26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,362.83	661.67
		For >10 To 20, Deduct	*-109.07*	
		For >20 To 40, Deduct	*-218.14*	
		For >40, Deduct	*-360.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	4,491.90	694.75
		For >10 To 20, Deduct	*-112.30*	
		For >20 To 40, Deduct	*-224.60*	
		For >40, Deduct	*-371.63*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	4,598.55	727.83
		For >10 To 20, Deduct	*-114.96*	
		For >20 To 40, Deduct	*-229.93*	
		For >40, Deduct	*-381.28*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,706.38	727.83
		For >10 To 20, Deduct	*-117.66*	
		For >20 To 40, Deduct	*-235.32*	
		For >40, Deduct	*-389.37*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,100.43	760.92
		For >10 To 20, Deduct	*-127.51*	
		For >20 To 40, Deduct	*-255.02*	
		For >40, Deduct	*-420.58*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,813.51	794.01
		For >10 To 20, Deduct	*-145.34*	
		For >20 To 40, Deduct	*-290.68*	
		For >40, Deduct	*-475.71*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,619.28	760.92
		For >10 To 20, Deduct	*-140.48*	
		For >20 To 40, Deduct	*-280.96*	
		For >40, Deduct	*-459.49*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,738.15	794.01
		For >10 To 20, Deduct	*-143.45*	
		For >20 To 40, Deduct	*-286.91*	
		For >40, Deduct	*-470.06*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,910.60	827.08
		For >10 To 20, Deduct	*-172.77*	
		For >20 To 40, Deduct	*-345.53*	
		For >40, Deduct	*-559.65*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	2,746.34	397.00
		For >10 To 20, Deduct	*-68.66*	
		For >20 To 40, Deduct	*-137.32*	
		For >40, Deduct	*-225.83*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	2,815.89	397.00
		For >10 To 20, Deduct	*-70.40*	
		For >20 To 40, Deduct	*-140.79*	
		For >40, Deduct	*-231.04*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	2,885.59	397.00
		For >10 To 20, Deduct	*-72.14*	
		For >20 To 40, Deduct	*-144.28*	
		For >40, Deduct	*-236.27*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,295.38	529.34
		For >10 To 20, Deduct	*-82.38*	
		For >20 To 40, Deduct	*-164.77*	
		For >40, Deduct	*-273.62*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,348.39	529.34
		For >10 To 20, Deduct	*-83.71*	
		For >20 To 40, Deduct	*-167.42*	
		For >40, Deduct	*-277.60*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,406.31	529.34
		For >10 To 20, Deduct	*-85.16*	
		For >20 To 40, Deduct	*-170.32*	
		For >40, Deduct	*-281.94*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,718.29	595.50
		For >10 To 20, Deduct	*-92.96*	
		For >20 To 40, Deduct	*-185.91*	
		For >40, Deduct	*-308.65*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,790.25	595.50
		For >10 To 20, Deduct	*-94.76*	
		For >20 To 40, Deduct	*-189.51*	
		For >40, Deduct	*-314.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,801.05	595.50
		For >10 To 20, Deduct	*-95.03*	
		For >20 To 40, Deduct	*-190.05*	
		For >40, Deduct	*-314.85*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,040.53	628.58
		For >10 To 20, Deduct	*-101.01*	
		For >20 To 40, Deduct	*-202.03*	
		For >40, Deduct	*-334.47*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,072.09	628.58
		For >10 To 20, Deduct	*-101.80*	
		For >20 To 40, Deduct	*-203.60*	
		For >40, Deduct	*-336.84*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,146.09	628.58
		For >10 To 20, Deduct	*-103.65*	
		For >20 To 40, Deduct	*-207.30*	
		For >40, Deduct	*-342.39*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,233.97	231.58
		For Galvanized Finish, Add	*23.12*	
		For >10 To 20, Deduct	*-42.41*	
		For >20 To 40, Deduct	*-77.11*	
		For >40, Deduct	*-161.94*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,342.86	264.67
		For Galvanized Finish, Add	*24.41*	
		For >10 To 20, Deduct	*-45.77*	
		For >20 To 40, Deduct	*-83.41*	
		For >40, Deduct	*-174.96*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,500.83	297.75
		For Galvanized Finish, Add	*27.16*	
		For >10 To 20, Deduct	*-51.10*	
		For >20 To 40, Deduct	*-93.15*	
		For >40, Deduct	*-195.35*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,663.08	330.83
		For Galvanized Finish, Add	*30.04*	
		For >10 To 20, Deduct	*-56.60*	
		For >20 To 40, Deduct	*-103.18*	
		For >40, Deduct	*-216.38*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,771.95	363.92
		For Galvanized Finish, Add	*31.32*	
		For >10 To 20, Deduct	*-59.96*	
		For >20 To 40, Deduct	*-109.48*	
		For >40, Deduct	*-229.40*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,870.16	397.00
		For Galvanized Finish, Add	*32.28*	
		For >10 To 20, Deduct	*-62.90*	
		For >20 To 40, Deduct	*-115.03*	
		For >40, Deduct	*-240.82*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,289.49	231.58
		For Galvanized Finish, Add	*24.79*	
		For >10 To 20, Deduct	*-44.63*	
		For >20 To 40, Deduct	*-81.00*	
		For >40, Deduct	*-170.27*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,400.51	264.67
		For Galvanized Finish, Add	*26.14*	
		For >10 To 20, Deduct	*-48.08*	
		For >20 To 40, Deduct	*-87.45*	
		For >40, Deduct	*-183.61*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,616.13	297.75
		For Galvanized Finish, Add	*30.62*	
		For >10 To 20, Deduct	*-55.71*	
		For >20 To 40, Deduct	*-101.22*	
		For >40, Deduct	*-212.64*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,737.82	330.83
		For Galvanized Finish, Add	*32.28*	
		For >10 To 20, Deduct	*-59.59*	
		For >20 To 40, Deduct	*-108.41*	
		For >40, Deduct	*-227.59*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,853.09	363.92
		For Galvanized Finish, Add	*33.76*	
		For >10 To 20, Deduct	*-63.21*	
		For >20 To 40, Deduct	*-115.16*	
		For >40, Deduct	*-241.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,947.02	397.00
		For Galvanized Finish, Add	*34.59*	
		For >10 To 20, Deduct	*-65.97*	
		For >20 To 40, Deduct	*-120.41*	
		For >40, Deduct	*-252.35*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,290.69	529.34
		For Galvanized Finish, Add	*36.96*	
		For >10 To 20, Deduct	*-75.75*	
		For >20 To 40, Deduct	*-139.17*	
		For >40, Deduct	*-290.67*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,289.49	231.58
		For Galvanized Finish, Add	*24.79*	
		For >10 To 20, Deduct	*-44.63*	
		For >20 To 40, Deduct	*-81.00*	
		For >40, Deduct	*-170.27*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,406.91	264.67
		For Galvanized Finish, Add	*26.33*	
		For >10 To 20, Deduct	*-48.34*	
		For >20 To 40, Deduct	*-87.90*	
		For >40, Deduct	*-184.57*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,650.29	297.75
		For Galvanized Finish, Add	*31.64*	
		For >10 To 20, Deduct	*-57.08*	
		For >20 To 40, Deduct	*-103.61*	
		For >40, Deduct	*-217.77*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,744.22	330.83
		For Galvanized Finish, Add	*32.48*	
		For >10 To 20, Deduct	*-59.84*	
		For >20 To 40, Deduct	*-108.86*	
		For >40, Deduct	*-228.55*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,853.09	363.92
		For Galvanized Finish, Add	*33.76*	
		For >10 To 20, Deduct	*-63.21*	
		For >20 To 40, Deduct	*-115.16*	
		For >40, Deduct	*-241.57*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,947.02	397.00
		For Galvanized Finish, Add	*34.59*	
		For >10 To 20, Deduct	*-65.97*	
		For >20 To 40, Deduct	*-120.41*	
		For >40, Deduct	*-252.35*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,350.47	529.34
		For Galvanized Finish, Add	*38.75*	
		For >10 To 20, Deduct	*-78.14*	
		For >20 To 40, Deduct	*-143.36*	
		For >40, Deduct	*-299.64*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,593.83	595.50
		For Galvanized Finish, Add	*42.08*	
		For >10 To 20, Deduct	*-85.89*	
		For >20 To 40, Deduct	*-157.75*	
		For >40, Deduct	*-329.52*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,083.68	397.00
		For Galvanized Finish, Add	*38.69*	
		For >10 To 20, Deduct	*-71.44*	
		For >20 To 40, Deduct	*-129.98*	
		For >40, Deduct	*-272.85*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,378.23	529.34
		For Galvanized Finish, Add	*39.59*	
		For >10 To 20, Deduct	*-79.25*	
		For >20 To 40, Deduct	*-145.30*	
		For >40, Deduct	*-303.80*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,647.21	595.50
		For Galvanized Finish, Add	*43.69*	
		For >10 To 20, Deduct	*-88.02*	
		For >20 To 40, Deduct	*-161.48*	
		For >40, Deduct	*-337.53*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,566.23	397.00
		For Galvanized Finish, Add	*53.17*	
		For >10 To 20, Deduct	*-90.74*	
		For >20 To 40, Deduct	*-163.76*	
		For >40, Deduct	*-345.23*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,632.43	397.00
		For Galvanized Finish, Add	*55.15*	
		For >10 To 20, Deduct	*-93.39*	
		For >20 To 40, Deduct	*-168.39*	
		For >40, Deduct	*-355.16*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,042.28	529.34
		For Galvanized Finish, Add	*59.51*	
		For >10 To 20, Deduct	*-105.81*	
		For >20 To 40, Deduct	*-191.79*	
		For >40, Deduct	*-403.41*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,178.93	529.34
		For Galvanized Finish, Add	*63.61*	
		For >10 To 20, Deduct	*-111.28*	
		For >20 To 40, Deduct	*-201.35*	
		For >40, Deduct	*-423.91*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,388.13	595.50
		For Galvanized Finish, Add	*65.91*	
		For >10 To 20, Deduct	*-117.66*	
		For >20 To 40, Deduct	*-213.35*	
		For >40, Deduct	*-448.67*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,616.60	595.50
		For Galvanized Finish, Add	*72.77*	
		For >10 To 20, Deduct	*-126.80*	
		For >20 To 40, Deduct	*-229.34*	
		For >40, Deduct	*-482.94*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,729.74	628.58
		For Galvanized Finish, Add	*74.16*	
		For >10 To 20, Deduct	*-130.33*	
		For >20 To 40, Deduct	*-235.94*	
		For >40, Deduct	*-496.60*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,870.67	628.58
		For Galvanized Finish, Add	*78.41*	
		For >10 To 20, Deduct	*-135.97*	
		For >20 To 40, Deduct	*-245.80*	
		For >40, Deduct	*-517.74*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,208.03	628.58
		For Galvanized Finish, Add	*88.53*	
		For >10 To 20, Deduct	*-149.46*	
		For >20 To 40, Deduct	*-269.42*	
		For >40, Deduct	*-568.35*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,248.57	661.67
		For Galvanized Finish, Add	*87.76*	
		For >10 To 20, Deduct	*-150.09*	
		For >20 To 40, Deduct	*-270.93*	
		For >40, Deduct	*-571.12*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,308.35	661.67
		For Galvanized Finish, Add	*89.55*	
		For >10 To 20, Deduct	*-152.48*	
		For >20 To 40, Deduct	*-275.12*	
		For >40, Deduct	*-580.09*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,856.23	860.17
		For Galvanized Finish, Add	*124.08*	
		For >10 To 20, Deduct	*-208.44*	
		For >20 To 40, Deduct	*-375.53*	
		For >40, Deduct	*-792.42*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,108.09	992.50
		For Galvanized Finish, Add	*123.69*	
		For >10 To 20, Deduct	*-214.55*	
		For >20 To 40, Deduct	*-387.87*	
		For >40, Deduct	*-816.96*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,105.61	529.34
		For Galvanized Finish, Add	*91.41*	
		For >10 To 20, Deduct	*-148.34*	
		For >20 To 40, Deduct	*-266.22*	
		For >40, Deduct	*-562.91*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,660.72	595.50
		For Galvanized Finish, Add	*104.09*	
		For >10 To 20, Deduct	*-168.56*	
		For >20 To 40, Deduct	*-302.43*	
		For >40, Deduct	*-639.56*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,399.45	661.67
		For Galvanized Finish, Add	*122.28*	
		For >10 To 20, Deduct	*-196.13*	
		For >20 To 40, Deduct	*-351.49*	
		For >40, Deduct	*-743.75*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,522.42	860.17
		For Galvanized Finish, Add	*144.06*	
		For >10 To 20, Deduct	*-235.09*	
		For >20 To 40, Deduct	*-422.16*	
		For >40, Deduct	*-892.35*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,611.28	992.50
		For Galvanized Finish, Add	*168.79*	
		For >10 To 20, Deduct	*-274.68*	
		For >20 To 40, Deduct	*-493.09*	
		For >40, Deduct	*-1,042.44*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,480.31	992.50
		For Galvanized Finish, Add	*194.86*	
		For >10 To 20, Deduct	*-309.44*	
		For >20 To 40, Deduct	*-553.92*	
		For >40, Deduct	*-1,172.80*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	11,384.19	992.50
		For Galvanized Finish, Add	*281.98*	
		For >10 To 20, Deduct	*-425.59*	
		For >20 To 40, Deduct	*-757.19*	
		For >40, Deduct	*-1,608.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	12,793.43	992.50
		For Galvanized Finish, Add	*324.25*	
		For >10 To 20, Deduct	*-481.96*	
		For >20 To 40, Deduct	*-855.84*	
		For >40, Deduct	*-1,819.76*	
26 56 13 00-0228		Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0229		Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*		
26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,216.89	231.58
		For Galvanized Finish, Add	*22.61*	
		For >10 To 20, Deduct	*-41.73*	
		For >20 To 40, Deduct	*-75.92*	
		For >40, Deduct	*-159.38*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,283.07	264.67
		For Galvanized Finish, Add	*22.61*	
		For >10 To 20, Deduct	*-43.38*	
		For >20 To 40, Deduct	*-79.23*	
		For >40, Deduct	*-165.99*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,385.53	297.75
		For Galvanized Finish, Add	*23.70*	
		For >10 To 20, Deduct	*-46.49*	
		For >20 To 40, Deduct	*-85.08*	
		For >40, Deduct	*-178.05*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,469.85	314.29
		For Galvanized Finish, Add	*25.24*	
		For >10 To 20, Deduct	*-49.37*	
		For >20 To 40, Deduct	*-90.32*	
		For >40, Deduct	*-189.05*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,502.94	330.83
		For Galvanized Finish, Add	*25.24*	
		For >10 To 20, Deduct	*-50.19*	
		For >20 To 40, Deduct	*-91.97*	
		For >40, Deduct	*-192.36*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,592.59	363.92
		For Galvanized Finish, Add	*25.94*	
		For >10 To 20, Deduct	*-52.79*	
		For >20 To 40, Deduct	*-96.92*	
		For >40, Deduct	*-202.50*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,677.99	397.00
		For Galvanized Finish, Add	*26.52*	
		For >10 To 20, Deduct	*-55.21*	
		For >20 To 40, Deduct	*-101.58*	
		For >40, Deduct	*-212.00*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,070.76	529.34
		For Galvanized Finish, Add	*30.36*	
		For >10 To 20, Deduct	*-66.95*	
		For >20 To 40, Deduct	*-123.78*	
		For >40, Deduct	*-257.68*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,966.24	397.00
		For Galvanized Finish, Add	*35.17*	
		For >10 To 20, Deduct	*-66.74*	
		For >20 To 40, Deduct	*-121.76*	
		For >40, Deduct	*-255.24*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,467.91	529.34
		For Galvanized Finish, Add	*42.28*	
		For >10 To 20, Deduct	*-82.84*	
		For >20 To 40, Deduct	*-151.58*	
		For >40, Deduct	*-317.25*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,832.98	595.50
		For Galvanized Finish, Add	*49.26*	
		For >10 To 20, Deduct	*-95.45*	
		For >20 To 40, Deduct	*-174.49*	
		For >40, Deduct	*-365.40*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,887.24	397.00
		For Galvanized Finish, Add	*32.80*	
		For >10 To 20, Deduct	*-63.58*	
		For >20 To 40, Deduct	*-116.23*	
		For >40, Deduct	*-243.39*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,314.17	529.34
		For Galvanized Finish, Add	*37.67*	
		For >10 To 20, Deduct	*-76.69*	
		For >20 To 40, Deduct	*-140.82*	
		For >40, Deduct	*-294.19*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,700.59	595.50
		For Galvanized Finish, Add	*45.29*	
		For >10 To 20, Deduct	*-90.16*	
		For >20 To 40, Deduct	*-165.22*	
		For >40, Deduct	*-345.54*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,158.41	397.00
		For Galvanized Finish, Add	*40.93*	
		For >10 To 20, Deduct	*-74.43*	
		For >20 To 40, Deduct	*-135.21*	
		For >40, Deduct	*-284.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,660.08	529.34
		For Galvanized Finish, Add	*48.04*	
		For >10 To 20, Deduct	*-90.52*	
		For >20 To 40, Deduct	*-165.03*	
		For >40, Deduct	*-346.08*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,014.47	595.50
		For Galvanized Finish, Add	*54.70*	
		For >10 To 20, Deduct	*-102.71*	
		For >20 To 40, Deduct	*-187.19*	
		For >40, Deduct	*-392.62*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,345.41	628.58
		For Galvanized Finish, Add	*62.65*	
		For >10 To 20, Deduct	*-114.96*	
		For >20 To 40, Deduct	*-209.04*	
		For >40, Deduct	*-438.95*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,435.11	595.50
		For Galvanized Finish, Add	*67.32*	
		For >10 To 20, Deduct	*-119.54*	
		For >20 To 40, Deduct	*-216.64*	
		For >40, Deduct	*-455.72*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,768.18	628.58
		For Galvanized Finish, Add	*75.33*	
		For >10 To 20, Deduct	*-131.87*	
		For >20 To 40, Deduct	*-238.63*	
		For >40, Deduct	*-502.37*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,985.94	661.67
		For Galvanized Finish, Add	*79.88*	
		For >10 To 20, Deduct	*-139.59*	
		For >20 To 40, Deduct	*-252.55*	
		For >40, Deduct	*-531.72*	
26 56 13 00-0251		Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0252		Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*		
26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,334.63	397.00
		For Galvanized Finish, Add	*106.22*	
		For >10 To 20, Deduct	*-161.48*	
		For >20 To 40, Deduct	*-287.54*	
		For >40, Deduct	*-610.49*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,840.03	529.34
		For Galvanized Finish, Add	*113.44*	
		For >10 To 20, Deduct	*-177.72*	
		For >20 To 40, Deduct	*-317.63*	
		For >40, Deduct	*-673.07*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,771.06	595.50
		For Galvanized Finish, Add	*167.40*	
		For >10 To 20, Deduct	*-252.98*	
		For >20 To 40, Deduct	*-450.15*	
		For >40, Deduct	*-956.11*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,420.94	397.00
		For Galvanized Finish, Add	*108.81*	
		For >10 To 20, Deduct	*-164.93*	
		For >20 To 40, Deduct	*-293.59*	
		For >40, Deduct	*-623.44*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,341.94	529.34
		For Galvanized Finish, Add	*128.50*	
		For >10 To 20, Deduct	*-197.80*	
		For >20 To 40, Deduct	*-352.76*	
		For >40, Deduct	*-748.36*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,518.25	595.50
		For Galvanized Finish, Add	*189.82*	
		For >10 To 20, Deduct	*-282.87*	
		For >20 To 40, Deduct	*-502.46*	
		For >40, Deduct	*-1,068.19*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,626.85	628.58
		For Galvanized Finish, Add	*221.09*	
		For >10 To 20, Deduct	*-326.22*	
		For >20 To 40, Deduct	*-578.74*	
		For >40, Deduct	*-1,231.17*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,139.69	661.67
		For Galvanized Finish, Add	*264.49*	
		For >10 To 20, Deduct	*-385.74*	
		For >20 To 40, Deduct	*-683.31*	
		For >40, Deduct	*-1,454.79*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,198.37	397.00
		For Galvanized Finish, Add	*102.13*	
		For >10 To 20, Deduct	*-156.02*	
		For >20 To 40, Deduct	*-278.01*	
		For >40, Deduct	*-590.06*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,622.01	529.34
		For Galvanized Finish, Add	*106.90*	
		For >10 To 20, Deduct	*-169.00*	
		For >20 To 40, Deduct	*-302.37*	
		For >40, Deduct	*-640.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,387.25	595.50
		For Galvanized Finish, Add	*155.89*	
		For >10 To 20, Deduct	*-237.63*	
		For >20 To 40, Deduct	*-423.29*	
		For >40, Deduct	*-898.54*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,355.07	397.00
		For Galvanized Finish, Add	*106.83*	
		For >10 To 20, Deduct	*-162.29*	
		For >20 To 40, Deduct	*-288.97*	
		For >40, Deduct	*-613.56*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,137.54	529.34
		For Galvanized Finish, Add	*122.37*	
		For >10 To 20, Deduct	*-189.62*	
		For >20 To 40, Deduct	*-338.45*	
		For >40, Deduct	*-717.70*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	7,234.36	595.50
		For Galvanized Finish, Add	*181.30*	
		For >10 To 20, Deduct	*-271.51*	
		For >20 To 40, Deduct	*-482.59*	
		For >40, Deduct	*-1,025.60*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,595.81	397.00
		For Galvanized Finish, Add	*114.05*	
		For >10 To 20, Deduct	*-171.92*	
		For >20 To 40, Deduct	*-305.83*	
		For >40, Deduct	*-649.67*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,571.32	529.34
		For Galvanized Finish, Add	*135.38*	
		For >10 To 20, Deduct	*-206.97*	
		For >20 To 40, Deduct	*-368.82*	
		For >40, Deduct	*-782.76*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,745.36	595.50
		For Galvanized Finish, Add	*196.63*	
		For >10 To 20, Deduct	*-291.95*	
		For >20 To 40, Deduct	*-518.36*	
		For >40, Deduct	*-1,102.25*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,903.92	628.58
		For Galvanized Finish, Add	*229.40*	
		For >10 To 20, Deduct	*-337.30*	
		For >20 To 40, Deduct	*-598.13*	
		For >40, Deduct	*-1,272.73*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,287.31	661.67
		For Galvanized Finish, Add	*268.92*	
		For >10 To 20, Deduct	*-391.64*	
		For >20 To 40, Deduct	*-693.65*	
		For >40, Deduct	*-1,476.93*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,285.80	397.00
		For Galvanized Finish, Add	*74.75*	
		For >10 To 20, Deduct	*-119.52*	
		For >20 To 40, Deduct	*-214.13*	
		For >40, Deduct	*-453.17*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,990.31	529.34
		For Galvanized Finish, Add	*87.95*	
		For >10 To 20, Deduct	*-143.73*	
		For >20 To 40, Deduct	*-258.15*	
		For >40, Deduct	*-545.61*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,440.79	595.50
		For Galvanized Finish, Add	*97.49*	
		For >10 To 20, Deduct	*-159.77*	
		For >20 To 40, Deduct	*-287.04*	
		For >40, Deduct	*-606.57*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,927.60	628.58
		For Galvanized Finish, Add	*110.11*	
		For >10 To 20, Deduct	*-178.25*	
		For >20 To 40, Deduct	*-319.79*	
		For >40, Deduct	*-676.28*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,194.47	661.67
		For Galvanized Finish, Add	*116.13*	
		For >10 To 20, Deduct	*-187.93*	
		For >20 To 40, Deduct	*-337.15*	
		For >40, Deduct	*-713.00*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,244.51	397.00
		For Galvanized Finish, Add	*103.52*	
		For >10 To 20, Deduct	*-157.87*	
		For >20 To 40, Deduct	*-281.24*	
		For >40, Deduct	*-596.98*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,741.91	529.34
		For Galvanized Finish, Add	*110.50*	
		For >10 To 20, Deduct	*-173.80*	
		For >20 To 40, Deduct	*-310.76*	
		For >40, Deduct	*-658.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,055.73	595.50
		For Galvanized Finish, Add	*115.94*	
		For >10 To 20, Deduct	*-184.36*	
		For >20 To 40, Deduct	*-330.08*	
		For >40, Deduct	*-698.81*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,619.43	595.50
		For Galvanized Finish, Add	*132.85*	
		For >10 To 20, Deduct	*-206.91*	
		For >20 To 40, Deduct	*-369.54*	
		For >40, Deduct	*-783.36*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,091.29	628.58
		For Galvanized Finish, Add	*145.02*	
		For >10 To 20, Deduct	*-224.79*	
		For >20 To 40, Deduct	*-401.25*	
		For >40, Deduct	*-850.84*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,789.50	628.58
		For Galvanized Finish, Add	*165.97*	
		For >10 To 20, Deduct	*-252.72*	
		For >20 To 40, Deduct	*-450.12*	
		For >40, Deduct	*-955.57*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,189.47	661.67
		For Galvanized Finish, Add	*145.98*	
		For >10 To 20, Deduct	*-227.73*	
		For >20 To 40, Deduct	*-406.80*	
		For >40, Deduct	*-862.25*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,908.32	661.67
		For Galvanized Finish, Add	*197.55*	
		For >10 To 20, Deduct	*-296.48*	
		For >20 To 40, Deduct	*-527.12*	
		For >40, Deduct	*-1,120.08*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,310.31	860.17
		For Galvanized Finish, Add	*167.70*	
		For >10 To 20, Deduct	*-266.61*	
		For >20 To 40, Deduct	*-477.32*	
		For >40, Deduct	*-1,010.53*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,482.54	860.17
		For Galvanized Finish, Add	*202.87*	
		For >10 To 20, Deduct	*-313.50*	
		For >20 To 40, Deduct	*-559.37*	
		For >40, Deduct	*-1,186.36*	
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,807.00	992.50
		For Galvanized Finish, Add	*204.66*	
		For >10 To 20, Deduct	*-322.51*	
		For >20 To 40, Deduct	*-576.79*	
		For >40, Deduct	*-1,221.80*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	75.70
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	112.58
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	114.52

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	734.45	198.50
		For Bronze Or Satin Anodized Finish, Add	*33.75*	
		For Black Anodized Finish, Add	*67.49*	
		For >10 To 20, Deduct	*-23.42*	
		For >20 To 40, Deduct	*-43.47*	
		For >40, Deduct	*-90.32*	
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	817.92	231.58
		For Bronze Or Satin Anodized Finish, Add	*35.48*	
		For Black Anodized Finish, Add	*70.95*	
		For >10 To 20, Deduct	*-25.77*	
		For >20 To 40, Deduct	*-47.99*	
		For >40, Deduct	*-99.53*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	905.73	264.67
		For Bronze Or Satin Anodized Finish, Add	*37.64*	
		For Black Anodized Finish, Add	*75.28*	
		For >10 To 20, Deduct	*-28.29*	
		For >20 To 40, Deduct	*-52.81*	
		For >40, Deduct	*-109.39*	
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	994.38	297.75
		For Bronze Or Satin Anodized Finish, Add	*39.89*	
		For Black Anodized Finish, Add	*79.78*	
		For >10 To 20, Deduct	*-30.84*	
		For >20 To 40, Deduct	*-57.70*	
		For >40, Deduct	*-119.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,042.17	314.29
		For Bronze Or Satin Anodized Finish, Add	*41.36*	
		For Black Anodized Finish, Add	*82.72*	
		For >10 To 20, Deduct	*-32.26*	
		For >20 To 40, Deduct	*-60.38*	
		For >40, Deduct	*-124.90*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,089.11	330.83
		For Bronze Or Satin Anodized Finish, Add	*42.74*	
		For Black Anodized Finish, Add	*85.49*	
		For >10 To 20, Deduct	*-33.64*	
		For >20 To 40, Deduct	*-63.00*	
		For >40, Deduct	*-130.28*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,141.02	330.83
		For Bronze Or Satin Anodized Finish, Add	*47.94*	
		For Black Anodized Finish, Add	*95.87*	
		For >10 To 20, Deduct	*-35.72*	
		For >20 To 40, Deduct	*-66.64*	
		For >40, Deduct	*-138.07*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,240.06	363.92
		For Bronze Or Satin Anodized Finish, Add	*51.22*	
		For Black Anodized Finish, Add	*102.45*	
		For >10 To 20, Deduct	*-38.68*	
		For >20 To 40, Deduct	*-72.25*	
		For >40, Deduct	*-149.62*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,333.93	397.00
		For Bronze Or Satin Anodized Finish, Add	*53.99*	
		For Black Anodized Finish, Add	*107.98*	
		For >10 To 20, Deduct	*-41.45*	
		For >20 To 40, Deduct	*-77.49*	
		For >40, Deduct	*-160.39*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,233.40	314.29
		For Bronze Or Satin Anodized Finish, Add	*60.48*	
		For Black Anodized Finish, Add	*120.96*	
		For >10 To 20, Deduct	*-39.91*	
		For >20 To 40, Deduct	*-73.77*	
		For >40, Deduct	*-153.58*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,525.15	397.00
		For Bronze Or Satin Anodized Finish, Add	*73.11*	
		For Black Anodized Finish, Add	*146.23*	
		For >10 To 20, Deduct	*-49.10*	
		For >20 To 40, Deduct	*-90.88*	
		For >40, Deduct	*-189.07*	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,622.06	397.00
		For Bronze Or Satin Anodized Finish, Add	*82.81*	
		For Black Anodized Finish, Add	*165.61*	
		For >10 To 20, Deduct	*-52.97*	
		For >20 To 40, Deduct	*-97.66*	
		For >40, Deduct	*-203.61*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,977.58	529.34
		For Bronze Or Satin Anodized Finish, Add	*91.89*	
		For Black Anodized Finish, Add	*183.78*	
		For >10 To 20, Deduct	*-63.22*	
		For >20 To 40, Deduct	*-117.26*	
		For >40, Deduct	*-243.70*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,282.09	595.50
		For Bronze Or Satin Anodized Finish, Add	*109.11*	
		For Black Anodized Finish, Add	*218.22*	
		For >10 To 20, Deduct	*-73.42*	
		For >20 To 40, Deduct	*-135.93*	
		For >40, Deduct	*-282.76*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,393.64	397.00
		For Bronze Or Satin Anodized Finish, Add	*59.96*	
		For Black Anodized Finish, Add	*119.93*	
		For >10 To 20, Deduct	*-43.84*	
		For >20 To 40, Deduct	*-81.67*	
		For >40, Deduct	*-169.35*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,614.28	397.00
		For Bronze Or Satin Anodized Finish, Add	*82.03*	
		For Black Anodized Finish, Add	*164.05*	
		For >10 To 20, Deduct	*-52.66*	
		For >20 To 40, Deduct	*-97.12*	
		For >40, Deduct	*-202.44*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,963.73	529.34
		For Bronze Or Satin Anodized Finish, Add	*90.51*	
		For Black Anodized Finish, Add	*181.01*	
		For >10 To 20, Deduct	*-62.67*	
		For >20 To 40, Deduct	*-116.29*	
		For >40, Deduct	*-241.63*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,089.19	529.34
		For Bronze Or Satin Anodized Finish, Add	*103.05*	
		For Black Anodized Finish, Add	*206.10*	
		For >10 To 20, Deduct	*-67.69*	
		For >20 To 40, Deduct	*-125.07*	
		For >40, Deduct	*-260.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,424.00	595.50
		For Bronze Or Satin Anodized Finish, Add	*123.30*	
		For Black Anodized Finish, Add	*246.60*	
		For >10 To 20, Deduct	*-79.10*	
		For >20 To 40, Deduct	*-145.86*	
		For >40, Deduct	*-304.05*	
26 56 13 00-0316		**Round Straight, Aluminum Area Light Poles, Hinged Anchor Base** *(26 56 13 00-0295)*		
26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	822.71	198.50
		For Bronze, Satin Or Black Anodized Finish, Add	*63.66*	
		For >10 To 20, Deduct	*-26.95*	
		For >20 To 40, Deduct	*-49.65*	
		For >40, Deduct	*-103.56*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	923.48	231.58
		For Bronze, Satin Or Black Anodized Finish, Add	*69.05*	
		For >10 To 20, Deduct	*-29.99*	
		For >20 To 40, Deduct	*-55.38*	
		For >40, Deduct	*-115.36*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,020.81	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*73.72*	
		For >10 To 20, Deduct	*-32.39*	
		For >20 To 40, Deduct	*-60.87*	
		For >40, Deduct	*-126.65*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,101.68	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*75.93*	
		For >10 To 20, Deduct	*-35.13*	
		For >20 To 40, Deduct	*-65.21*	
		For >40, Deduct	*-135.48*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,192.94	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*79.69*	
		For >10 To 20, Deduct	*-37.79*	
		For >20 To 40, Deduct	*-70.27*	
		For >40, Deduct	*-145.86*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	941.65	231.58
		For Bronze, Satin Or Black Anodized Finish, Add	*71.77*	
		For >10 To 20, Deduct	*-30.72*	
		For >20 To 40, Deduct	*-56.65*	
		For >40, Deduct	*-118.09*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,037.25	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*76.19*	
		For >10 To 20, Deduct	*-33.55*	
		For >20 To 40, Deduct	*-62.02*	
		For >40, Deduct	*-129.12*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,135.42	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*80.99*	
		For >10 To 20, Deduct	*-36.48*	
		For >20 To 40, Deduct	*-67.57*	
		For >40, Deduct	*-140.54*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,232.74	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*85.66*	
		For >10 To 20, Deduct	*-39.38*	
		For >20 To 40, Deduct	*-73.06*	
		For >40, Deduct	*-151.83*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,334.38	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*90.98*	
		For >10 To 20, Deduct	*-42.46*	
		For >20 To 40, Deduct	*-78.85*	
		For >40, Deduct	*-163.77*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,430.84	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*95.52*	
		For >10 To 20, Deduct	*-45.32*	
		For >20 To 40, Deduct	*-84.28*	
		For >40, Deduct	*-174.93*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,070.99	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*81.25*	
		For >10 To 20, Deduct	*-34.90*	
		For >20 To 40, Deduct	*-64.38*	
		For >40, Deduct	*-134.18*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,175.22	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*86.96*	
		For >10 To 20, Deduct	*-38.08*	
		For >20 To 40, Deduct	*-70.36*	
		For >40, Deduct	*-146.51*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,278.60	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*92.54*	
		For >10 To 20, Deduct	*-41.22*	
		For >20 To 40, Deduct	*-76.27*	
		For >40, Deduct	*-158.71*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,383.70	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*98.38*	
		For >10 To 20, Deduct	*-44.43*	
		For >20 To 40, Deduct	*-82.30*	
		For >40, Deduct	*-171.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,327.05	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*99.81*	
		For >10 To 20, Deduct	*-43.16*	
		For >20 To 40, Deduct	*-79.66*	
		For >40, Deduct	*-165.97*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,544.19	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*112.53*	
		For >10 To 20, Deduct	*-49.86*	
		For >20 To 40, Deduct	*-92.21*	
		For >40, Deduct	*-191.93*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,103.01	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*86.05*	
		For >10 To 20, Deduct	*-36.18*	
		For >20 To 40, Deduct	*-66.62*	
		For >40, Deduct	*-138.98*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,216.76	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*93.19*	
		For >10 To 20, Deduct	*-39.74*	
		For >20 To 40, Deduct	*-73.26*	
		For >40, Deduct	*-152.74*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,321.86	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*99.03*	
		For >10 To 20, Deduct	*-42.95*	
		For >20 To 40, Deduct	*-79.30*	
		For >40, Deduct	*-165.20*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,432.15	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*105.65*	
		For >10 To 20, Deduct	*-46.37*	
		For >20 To 40, Deduct	*-85.69*	
		For >40, Deduct	*-178.43*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,539.86	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*111.88*	
		For >10 To 20, Deduct	*-49.68*	
		For >20 To 40, Deduct	*-91.91*	
		For >40, Deduct	*-191.28*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,385.03	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*108.50*	
		For >10 To 20, Deduct	*-45.48*	
		For >20 To 40, Deduct	*-83.72*	
		For >40, Deduct	*-174.67*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,503.10	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*116.29*	
		For >10 To 20, Deduct	*-49.21*	
		For >20 To 40, Deduct	*-90.66*	
		For >40, Deduct	*-189.07*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,566.69	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*115.90*	
		For >10 To 20, Deduct	*-50.76*	
		For >20 To 40, Deduct	*-93.79*	
		For >40, Deduct	*-195.30*	
26 56 13 00-0342		Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*		
		Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	649.25	165.42
		For Bronze Or Satin Anodized Finish, Add	*31.84*	
		For Black Anodized Finish, Add	*63.68*	
		For >10 To 20, Deduct	*-21.01*	
		For >20 To 40, Deduct	*-38.83*	
		For >40, Deduct	*-80.85*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	698.78	181.96
		For Bronze Or Satin Anodized Finish, Add	*33.49*	
		For Black Anodized Finish, Add	*66.97*	
		For >10 To 20, Deduct	*-22.49*	
		For >20 To 40, Deduct	*-41.64*	
		For >40, Deduct	*-86.62*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	770.79	198.50
		For Bronze Or Satin Anodized Finish, Add	*37.38*	
		For Black Anodized Finish, Add	*74.76*	
		For >10 To 20, Deduct	*-24.88*	
		For >20 To 40, Deduct	*-46.02*	
		For >40, Deduct	*-95.77*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	790.69	198.50
		For Bronze Or Satin Anodized Finish, Add	*39.37*	
		For Black Anodized Finish, Add	*78.74*	
		For >10 To 20, Deduct	*-25.67*	
		For >20 To 40, Deduct	*-47.41*	
		For >40, Deduct	*-98.75*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	815.79	198.50
		For Bronze Or Satin Anodized Finish, Add	*41.88*	
		For Black Anodized Finish, Add	*83.76*	
		For >10 To 20, Deduct	*-26.68*	
		For >20 To 40, Deduct	*-49.17*	
		For >40, Deduct	*-102.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	925.02	215.04
		For Bronze Or Satin Anodized Finish, Add	*49.49*	
		For Black Anodized Finish, Add	*98.99*	
		For >10 To 20, Deduct	*-30.55*	
		For >20 To 40, Deduct	*-56.15*	
		For >40, Deduct	*-117.25*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	990.10	231.58
		For Bronze Or Satin Anodized Finish, Add	*52.69*	
		For Black Anodized Finish, Add	*105.39*	
		For >10 To 20, Deduct	*-32.66*	
		For >20 To 40, Deduct	*-60.04*	
		For >40, Deduct	*-125.36*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,124.22	231.58
		For Bronze Or Satin Anodized Finish, Add	*66.11*	
		For Black Anodized Finish, Add	*132.21*	
		For >10 To 20, Deduct	*-38.02*	
		For >20 To 40, Deduct	*-69.43*	
		For >40, Deduct	*-145.48*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,362.59	264.67
		For Bronze Or Satin Anodized Finish, Add	*83.33*	
		For Black Anodized Finish, Add	*166.65*	
		For >10 To 20, Deduct	*-46.56*	
		For >20 To 40, Deduct	*-84.79*	
		For >40, Deduct	*-177.92*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,544.69	297.75
		For Bronze Or Satin Anodized Finish, Add	*94.92*	
		For Black Anodized Finish, Add	*189.84*	
		For >10 To 20, Deduct	*-52.86*	
		For >20 To 40, Deduct	*-96.22*	
		For >40, Deduct	*-201.93*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,703.03	297.75
		For Bronze Or Satin Anodized Finish, Add	*110.75*	
		For Black Anodized Finish, Add	*221.51*	
		For >10 To 20, Deduct	*-59.19*	
		For >20 To 40, Deduct	*-107.30*	
		For >40, Deduct	*-225.68*	
26 56 13 00-0354		Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*		
26 56 13 00-0355		Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*		
26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	641.87	198.50
		For Bronze Or Satin Anodized Finish, Add	*24.49*	
		For Black Anodized Finish, Add	*48.97*	
		For >10 To 20, Deduct	*-19.72*	
		For >20 To 40, Deduct	*-36.99*	
		For >40, Deduct	*-76.43*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	727.93	231.58
		For Bronze Or Satin Anodized Finish, Add	*26.48*	
		For Black Anodized Finish, Add	*52.95*	
		For >10 To 20, Deduct	*-22.17*	
		For >20 To 40, Deduct	*-41.69*	
		For >40, Deduct	*-86.03*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	814.01	264.67
		For Bronze Or Satin Anodized Finish, Add	*28.47*	
		For Black Anodized Finish, Add	*56.93*	
		For >10 To 20, Deduct	*-24.62*	
		For >20 To 40, Deduct	*-46.39*	
		For >40, Deduct	*-95.63*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	907.86	297.75
		For Bronze Or Satin Anodized Finish, Add	*31.24*	
		For Black Anodized Finish, Add	*62.47*	
		For >10 To 20, Deduct	*-27.38*	
		For >20 To 40, Deduct	*-51.64*	
		For >40, Deduct	*-106.40*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,000.85	330.83
		For Bronze Or Satin Anodized Finish, Add	*33.92*	
		For Black Anodized Finish, Add	*67.84*	
		For >10 To 20, Deduct	*-30.11*	
		For >20 To 40, Deduct	*-56.83*	
		For >40, Deduct	*-117.04*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	750.43	231.58
		For Bronze Or Satin Anodized Finish, Add	*28.73*	
		For Black Anodized Finish, Add	*57.45*	
		For >10 To 20, Deduct	*-23.07*	
		For >20 To 40, Deduct	*-43.27*	
		For >40, Deduct	*-89.41*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	849.49	264.67
		For Bronze Or Satin Anodized Finish, Add	*32.02*	
		For Black Anodized Finish, Add	*64.03*	
		For >10 To 20, Deduct	*-26.04*	
		For >20 To 40, Deduct	*-48.88*	
		For >40, Deduct	*-100.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	945.93	297.75
		For Bronze Or Satin Anodized Finish, Add	*35.04*	
		For Black Anodized Finish, Add	*70.09*	
		For >10 To 20, Deduct	*-28.90*	
		For >20 To 40, Deduct	*-54.31*	
		For >40, Deduct	*-112.11*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,132.77	363.92
		For Bronze Or Satin Anodized Finish, Add	*40.49*	
		For Black Anodized Finish, Add	*80.99*	
		For >10 To 20, Deduct	*-34.39*	
		For >20 To 40, Deduct	*-64.74*	
		For >40, Deduct	*-133.52*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,220.58	397.00
		For Bronze Or Satin Anodized Finish, Add	*42.66*	
		For Black Anodized Finish, Add	*85.31*	
		For >10 To 20, Deduct	*-36.91*	
		For >20 To 40, Deduct	*-69.56*	
		For >40, Deduct	*-143.39*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	881.50	264.67
		For Bronze Or Satin Anodized Finish, Add	*35.22*	
		For Black Anodized Finish, Add	*70.43*	
		For >10 To 20, Deduct	*-27.32*	
		For >20 To 40, Deduct	*-51.12*	
		For >40, Deduct	*-105.76*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	983.14	297.75
		For Bronze Or Satin Anodized Finish, Add	*38.76*	
		For Black Anodized Finish, Add	*77.53*	
		For >10 To 20, Deduct	*-30.39*	
		For >20 To 40, Deduct	*-56.91*	
		For >40, Deduct	*-117.70*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,090.84	330.83
		For Bronze Or Satin Anodized Finish, Add	*42.92*	
		For Black Anodized Finish, Add	*85.83*	
		For >10 To 20, Deduct	*-33.71*	
		For >20 To 40, Deduct	*-63.13*	
		For >40, Deduct	*-130.54*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,182.96	363.92
		For Bronze Or Satin Anodized Finish, Add	*45.51*	
		For Black Anodized Finish, Add	*91.03*	
		For >10 To 20, Deduct	*-36.40*	
		For >20 To 40, Deduct	*-68.25*	
		For >40, Deduct	*-141.05*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,287.21	397.00
		For Bronze Or Satin Anodized Finish, Add	*49.32*	
		For Black Anodized Finish, Add	*98.64*	
		For >10 To 20, Deduct	*-39.58*	
		For >20 To 40, Deduct	*-74.22*	
		For >40, Deduct	*-153.38*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,175.63	330.83
		For Bronze Or Satin Anodized Finish, Add	*51.40*	
		For Black Anodized Finish, Add	*102.79*	
		For >10 To 20, Deduct	*-37.10*	
		For >20 To 40, Deduct	*-69.06*	
		For >40, Deduct	*-143.26*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,291.11	363.92
		For Bronze Or Satin Anodized Finish, Add	*56.33*	
		For Black Anodized Finish, Add	*112.66*	
		For >10 To 20, Deduct	*-40.73*	
		For >20 To 40, Deduct	*-75.82*	
		For >40, Deduct	*-157.28*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,371.14	397.00
		For Bronze Or Satin Anodized Finish, Add	*57.71*	
		For Black Anodized Finish, Add	*115.43*	
		For >10 To 20, Deduct	*-42.94*	
		For >20 To 40, Deduct	*-80.10*	
		For >40, Deduct	*-165.97*	
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,580.48	463.16
		For Bronze Or Satin Anodized Finish, Add	*65.41*	
		For Black Anodized Finish, Add	*130.83*	
		For >10 To 20, Deduct	*-49.32*	
		For >20 To 40, Deduct	*-92.11*	
		For >40, Deduct	*-190.76*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,795.01	529.34
		For Bronze Or Satin Anodized Finish, Add	*73.63*	
		For Black Anodized Finish, Add	*147.27*	
		For >10 To 20, Deduct	*-55.92*	
		For >20 To 40, Deduct	*-104.48*	
		For >40, Deduct	*-216.32*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,375.91	363.92
		For Bronze Or Satin Anodized Finish, Add	*64.81*	
		For Black Anodized Finish, Add	*129.62*	
		For >10 To 20, Deduct	*-44.12*	
		For >20 To 40, Deduct	*-81.76*	
		For >40, Deduct	*-170.00*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,474.10	397.00
		For Bronze Or Satin Anodized Finish, Add	*68.01*	
		For Black Anodized Finish, Add	*136.02*	
		For >10 To 20, Deduct	*-47.05*	
		For >20 To 40, Deduct	*-87.31*	
		For >40, Deduct	*-181.41*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,661.81	463.16
		For Bronze Or Satin Anodized Finish, Add	*73.55*	
		For Black Anodized Finish, Add	*147.09*	
		For >10 To 20, Deduct	*-52.58*	
		For >20 To 40, Deduct	*-97.80*	
		For >40, Deduct	*-202.95*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,857.31	529.34
		For Bronze Or Satin Anodized Finish, Add	*79.86*	
		For Black Anodized Finish, Add	*159.73*	
		For >10 To 20, Deduct	*-58.41*	
		For >20 To 40, Deduct	*-108.84*	
		For >40, Deduct	*-225.66*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,993.56	562.41
		For Bronze Or Satin Anodized Finish, Add	*86.87*	
		For Black Anodized Finish, Add	*173.74*	
		For >10 To 20, Deduct	*-62.87*	
		For >20 To 40, Deduct	*-117.05*	
		For >40, Deduct	*-242.79*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,131.54	595.50
		For Bronze Or Satin Anodized Finish, Add	*94.05*	
		For Black Anodized Finish, Add	*188.11*	
		For >10 To 20, Deduct	*-67.40*	
		For >20 To 40, Deduct	*-125.39*	
		For >40, Deduct	*-260.18*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,742.28	463.16
		For Bronze Or Satin Anodized Finish, Add	*81.59*	
		For Black Anodized Finish, Add	*163.19*	
		For >10 To 20, Deduct	*-55.80*	
		For >20 To 40, Deduct	*-103.43*	
		For >40, Deduct	*-215.03*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,910.95	529.34
		For Bronze Or Satin Anodized Finish, Add	*85.23*	
		For Black Anodized Finish, Add	*170.46*	
		For >10 To 20, Deduct	*-60.56*	
		For >20 To 40, Deduct	*-112.59*	
		For >40, Deduct	*-233.71*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,051.53	562.41
		For Bronze Or Satin Anodized Finish, Add	*92.67*	
		For Black Anodized Finish, Add	*185.34*	
		For >10 To 20, Deduct	*-65.19*	
		For >20 To 40, Deduct	*-121.11*	
		For >40, Deduct	*-251.49*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,221.52	595.50
		For Bronze Or Satin Anodized Finish, Add	*103.05*	
		For Black Anodized Finish, Add	*206.10*	
		For >10 To 20, Deduct	*-71.00*	
		For >20 To 40, Deduct	*-131.69*	
		For >40, Deduct	*-273.68*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,293.54	612.05
		For Bronze Or Satin Anodized Finish, Add	*106.95*	
		For Black Anodized Finish, Add	*213.89*	
		For >10 To 20, Deduct	*-73.38*	
		For >20 To 40, Deduct	*-136.07*	
		For >40, Deduct	*-282.83*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,431.33	628.58
		For Bronze Or Satin Anodized Finish, Add	*117.42*	
		For Black Anodized Finish, Add	*234.83*	
		For >10 To 20, Deduct	*-78.40*	
		For >20 To 40, Deduct	*-145.05*	
		For >40, Deduct	*-301.84*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	916.98	264.67
		For Bronze Or Satin Anodized Finish, Add	*38.76*	
		For Black Anodized Finish, Add	*77.53*	
		For >10 To 20, Deduct	*-28.74*	
		For >20 To 40, Deduct	*-53.60*	
		For >40, Deduct	*-111.08*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,024.67	297.75
		For Bronze Or Satin Anodized Finish, Add	*42.92*	
		For Black Anodized Finish, Add	*85.83*	
		For >10 To 20, Deduct	*-32.05*	
		For >20 To 40, Deduct	*-59.82*	
		For >40, Deduct	*-123.93*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,135.83	330.83
		For Bronze Or Satin Anodized Finish, Add	*47.42*	
		For Black Anodized Finish, Add	*94.83*	
		For >10 To 20, Deduct	*-35.51*	
		For >20 To 40, Deduct	*-66.27*	
		For >40, Deduct	*-137.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,237.47	363.92
		For Bronze Or Satin Anodized Finish, Add	*50.96*	
		For Black Anodized Finish, Add	*101.93*	
		For >10 To 20, Deduct	*-38.58*	
		For >20 To 40, Deduct	*-72.07*	
		For >40, Deduct	*-149.23*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,338.26	397.00
		For Bronze Or Satin Anodized Finish, Add	*54.43*	
		For Black Anodized Finish, Add	*108.85*	
		For >10 To 20, Deduct	*-41.62*	
		For >20 To 40, Deduct	*-77.80*	
		For >40, Deduct	*-161.04*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,230.15	330.83
		For Bronze Or Satin Anodized Finish, Add	*56.85*	
		For Black Anodized Finish, Add	*113.70*	
		For >10 To 20, Deduct	*-39.28*	
		For >20 To 40, Deduct	*-72.88*	
		For >40, Deduct	*-151.44*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,348.22	363.92
		For Bronze Or Satin Anodized Finish, Add	*62.04*	
		For Black Anodized Finish, Add	*124.08*	
		For >10 To 20, Deduct	*-43.01*	
		For >20 To 40, Deduct	*-79.82*	
		For >40, Deduct	*-165.84*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,439.49	397.00
		For Bronze Or Satin Anodized Finish, Add	*64.55*	
		For Black Anodized Finish, Add	*129.10*	
		For >10 To 20, Deduct	*-45.67*	
		For >20 To 40, Deduct	*-84.88*	
		For >40, Deduct	*-176.22*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,644.51	463.16
		For Bronze Or Satin Anodized Finish, Add	*71.82*	
		For Black Anodized Finish, Add	*143.63*	
		For >10 To 20, Deduct	*-51.89*	
		For >20 To 40, Deduct	*-96.59*	
		For >40, Deduct	*-200.36*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,854.71	529.34
		For Bronze Or Satin Anodized Finish, Add	*79.60*	
		For Black Anodized Finish, Add	*159.21*	
		For >10 To 20, Deduct	*-58.31*	
		For >20 To 40, Deduct	*-108.66*	
		For >40, Deduct	*-225.27*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,840.05	463.16
		For Bronze Or Satin Anodized Finish, Add	*91.37*	
		For Black Anodized Finish, Add	*182.74*	
		For >10 To 20, Deduct	*-59.71*	
		For >20 To 40, Deduct	*-110.28*	
		For >40, Deduct	*-229.69*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,040.74	529.34
		For Bronze Or Satin Anodized Finish, Add	*98.21*	
		For Black Anodized Finish, Add	*196.41*	
		For >10 To 20, Deduct	*-65.75*	
		For >20 To 40, Deduct	*-121.68*	
		For >40, Deduct	*-253.18*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,191.71	562.41
		For Bronze Or Satin Anodized Finish, Add	*106.69*	
		For Black Anodized Finish, Add	*213.37*	
		For >10 To 20, Deduct	*-70.80*	
		For >20 To 40, Deduct	*-130.92*	
		For >40, Deduct	*-272.51*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,327.95	595.50
		For Bronze Or Satin Anodized Finish, Add	*113.70*	
		For Black Anodized Finish, Add	*227.39*	
		For >10 To 20, Deduct	*-75.25*	
		For >20 To 40, Deduct	*-139.14*	
		For >40, Deduct	*-289.64*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,444.96	612.05
		For Bronze Or Satin Anodized Finish, Add	*122.09*	
		For Black Anodized Finish, Add	*244.18*	
		For >10 To 20, Deduct	*-79.44*	
		For >20 To 40, Deduct	*-146.67*	
		For >40, Deduct	*-305.54*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,548.14	628.58
		For Bronze Or Satin Anodized Finish, Add	*129.10*	
		For Black Anodized Finish, Add	*258.19*	
		For >10 To 20, Deduct	*-83.07*	
		For >20 To 40, Deduct	*-153.23*	
		For >40, Deduct	*-319.36*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,637.47	645.12
		For Bronze Or Satin Anodized Finish, Add	*134.72*	
		For Black Anodized Finish, Add	*269.44*	
		For >10 To 20, Deduct	*-86.14*	
		For >20 To 40, Deduct	*-158.82*	
		For >40, Deduct	*-331.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,791.68	661.67
		For Bronze Or Satin Anodized Finish, Add	*146.84*	
		For Black Anodized Finish, Add	*293.67*	
		For >10 To 20, Deduct	*-91.82*	
		For >20 To 40, Deduct	*-168.95*	
		For >40, Deduct	*-352.59*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,565.50	562.41
		For Bronze Or Satin Anodized Finish, Add	*144.07*	
		For Black Anodized Finish, Add	*288.13*	
		For >10 To 20, Deduct	*-85.75*	
		For >20 To 40, Deduct	*-157.09*	
		For >40, Deduct	*-328.58*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,760.58	595.50
		For Bronze Or Satin Anodized Finish, Add	*156.96*	
		For Black Anodized Finish, Add	*313.92*	
		For >10 To 20, Deduct	*-92.56*	
		For >20 To 40, Deduct	*-169.42*	
		For >40, Deduct	*-354.54*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,894.90	612.05
		For Bronze Or Satin Anodized Finish, Add	*167.08*	
		For Black Anodized Finish, Add	*334.16*	
		For >10 To 20, Deduct	*-97.43*	
		For >20 To 40, Deduct	*-178.16*	
		For >40, Deduct	*-373.03*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,998.94	628.58
		For Bronze Or Satin Anodized Finish, Add	*174.18*	
		For Black Anodized Finish, Add	*348.35*	
		For >10 To 20, Deduct	*-101.10*	
		For >20 To 40, Deduct	*-184.78*	
		For >40, Deduct	*-386.98*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,060.58	645.12
		For Bronze Or Satin Anodized Finish, Add	*177.03*	
		For Black Anodized Finish, Add	*354.06*	
		For >10 To 20, Deduct	*-103.07*	
		For >20 To 40, Deduct	*-188.44*	
		For >40, Deduct	*-394.57*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,229.50	661.67
		For Bronze Or Satin Anodized Finish, Add	*190.62*	
		For Black Anodized Finish, Add	*381.23*	
		For >10 To 20, Deduct	*-109.33*	
		For >20 To 40, Deduct	*-199.60*	
		For >40, Deduct	*-418.26*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,446.96	562.41
		For Bronze Or Satin Anodized Finish, Add	*132.21*	
		For Black Anodized Finish, Add	*264.42*	
		For >10 To 20, Deduct	*-81.01*	
		For >20 To 40, Deduct	*-148.79*	
		For >40, Deduct	*-310.80*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,626.47	595.50
		For Bronze Or Satin Anodized Finish, Add	*143.55*	
		For Black Anodized Finish, Add	*287.09*	
		For >10 To 20, Deduct	*-87.19*	
		For >20 To 40, Deduct	*-160.03*	
		For >40, Deduct	*-334.42*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,698.48	612.05
		For Bronze Or Satin Anodized Finish, Add	*147.44*	
		For Black Anodized Finish, Add	*294.88*	
		For >10 To 20, Deduct	*-89.58*	
		For >20 To 40, Deduct	*-164.41*	
		For >40, Deduct	*-343.57*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,870.01	628.58
		For Bronze Or Satin Anodized Finish, Add	*161.28*	
		For Black Anodized Finish, Add	*322.57*	
		For >10 To 20, Deduct	*-95.94*	
		For >20 To 40, Deduct	*-175.76*	
		For >40, Deduct	*-367.64*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,958.48	645.12
		For Bronze Or Satin Anodized Finish, Add	*166.82*	
		For Black Anodized Finish, Add	*333.64*	
		For >10 To 20, Deduct	*-98.99*	
		For >20 To 40, Deduct	*-181.29*	
		For >40, Deduct	*-379.26*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,128.26	661.67
		For Bronze Or Satin Anodized Finish, Add	*180.49*	
		For Black Anodized Finish, Add	*360.99*	
		For >10 To 20, Deduct	*-105.28*	
		For >20 To 40, Deduct	*-192.51*	
		For >40, Deduct	*-403.07*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,988.61	562.41
		For Bronze Or Satin Anodized Finish, Add	*186.38*	
		For Black Anodized Finish, Add	*372.75*	
		For >10 To 20, Deduct	*-102.67*	
		For >20 To 40, Deduct	*-186.71*	
		For >40, Deduct	*-392.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,160.33	595.50
		For Bronze Or Satin Anodized Finish, Add	*196.93*	
		For Black Anodized Finish, Add	*393.87*	
		For >10 To 20, Deduct	*-108.55*	
		For >20 To 40, Deduct	*-197.40*	
		For >40, Deduct	*-414.50*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,296.38	612.05
		For Bronze Or Satin Anodized Finish, Add	*207.23*	
		For Black Anodized Finish, Add	*414.46*	
		For >10 To 20, Deduct	*-113.49*	
		For >20 To 40, Deduct	*-206.27*	
		For >40, Deduct	*-433.25*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,502.52	628.58
		For Bronze Or Satin Anodized Finish, Add	*224.54*	
		For Black Anodized Finish, Add	*449.07*	
		For >10 To 20, Deduct	*-121.24*	
		For >20 To 40, Deduct	*-220.03*	
		For >40, Deduct	*-462.52*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,554.65	645.12
		For Bronze Or Satin Anodized Finish, Add	*226.44*	
		For Black Anodized Finish, Add	*452.88*	
		For >10 To 20, Deduct	*-122.83*	
		For >20 To 40, Deduct	*-223.02*	
		For >40, Deduct	*-468.68*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,759.90	661.67
		For Bronze Or Satin Anodized Finish, Add	*243.66*	
		For Black Anodized Finish, Add	*487.31*	
		For >10 To 20, Deduct	*-130.55*	
		For >20 To 40, Deduct	*-236.73*	
		For >40, Deduct	*-497.82*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,822.19	992.50
		For Bronze Or Satin Anodized Finish, Add	*283.72*	
		For Black Anodized Finish, Add	*567.44*	
		For >10 To 20, Deduct	*-163.11*	
		For >20 To 40, Deduct	*-297.85*	
		For >40, Deduct	*-624.08*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,929.48	992.50
		For Bronze Or Satin Anodized Finish, Add	*294.45*	
		For Black Anodized Finish, Add	*588.90*	
		For >10 To 20, Deduct	*-167.40*	
		For >20 To 40, Deduct	*-305.36*	
		For >40, Deduct	*-640.17*	

26 56 13 00-0426 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	827.90	198.50
		For Bronze, Satin Or Black Anodized Finish, Add	*64.64*	
		For >10 To 20, Deduct	*-27.16*	
		For >20 To 40, Deduct	*-50.01*	
		For >40, Deduct	*-104.34*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	912.23	231.58
		For Bronze, Satin Or Black Anodized Finish, Add	*67.36*	
		For >10 To 20, Deduct	*-29.54*	
		For >20 To 40, Deduct	*-54.59*	
		For >40, Deduct	*-113.68*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	997.45	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*70.22*	
		For >10 To 20, Deduct	*-31.96*	
		For >20 To 40, Deduct	*-59.23*	
		For >40, Deduct	*-123.15*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,084.37	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*73.33*	
		For >10 To 20, Deduct	*-34.44*	
		For >20 To 40, Deduct	*-64.00*	
		For >40, Deduct	*-132.88*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,170.44	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*76.32*	
		For >10 To 20, Deduct	*-36.89*	
		For >20 To 40, Deduct	*-68.70*	
		For >40, Deduct	*-142.48*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	922.61	231.58
		For Bronze, Satin Or Black Anodized Finish, Add	*68.92*	
		For >10 To 20, Deduct	*-29.96*	
		For >20 To 40, Deduct	*-55.32*	
		For >40, Deduct	*-115.23*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,009.56	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*72.03*	
		For >10 To 20, Deduct	*-32.44*	
		For >20 To 40, Deduct	*-60.08*	
		For >40, Deduct	*-124.97*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,098.22	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*75.41*	
		For >10 To 20, Deduct	*-35.00*	
		For >20 To 40, Deduct	*-64.97*	
		For >40, Deduct	*-134.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,186.02	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*78.65*	
		For >10 To 20, Deduct	*-37.52*	
		For >20 To 40, Deduct	*-69.79*	
		For >40, Deduct	*-144.82*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,285.06	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*83.58*	
		For >10 To 20, Deduct	*-40.48*	
		For >20 To 40, Deduct	*-75.40*	
		For >40, Deduct	*-156.37*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,376.33	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*87.35*	
		For >10 To 20, Deduct	*-43.14*	
		For >20 To 40, Deduct	*-80.46*	
		For >40, Deduct	*-166.75*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,043.30	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*77.09*	
		For >10 To 20, Deduct	*-33.79*	
		For >20 To 40, Deduct	*-62.44*	
		For >40, Deduct	*-130.03*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,136.29	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*81.12*	
		For >10 To 20, Deduct	*-36.52*	
		For >20 To 40, Deduct	*-67.63*	
		For >40, Deduct	*-140.67*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,239.66	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*86.70*	
		For >10 To 20, Deduct	*-39.66*	
		For >20 To 40, Deduct	*-73.54*	
		For >40, Deduct	*-152.87*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,334.38	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*90.98*	
		For >10 To 20, Deduct	*-42.46*	
		For >20 To 40, Deduct	*-78.85*	
		For >40, Deduct	*-163.77*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,440.36	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*96.95*	
		For >10 To 20, Deduct	*-45.70*	
		For >20 To 40, Deduct	*-84.95*	
		For >40, Deduct	*-176.35*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,288.98	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*94.10*	
		For >10 To 20, Deduct	*-41.63*	
		For >20 To 40, Deduct	*-77.00*	
		For >40, Deduct	*-160.26*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,401.00	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*100.98*	
		For >10 To 20, Deduct	*-45.12*	
		For >20 To 40, Deduct	*-83.51*	
		For >40, Deduct	*-173.76*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,494.01	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*105.00*	
		For >10 To 20, Deduct	*-47.85*	
		For >20 To 40, Deduct	*-88.70*	
		For >40, Deduct	*-184.40*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,070.13	264.67
		For Bronze, Satin Or Black Anodized Finish, Add	*81.12*	
		For >10 To 20, Deduct	*-34.87*	
		For >20 To 40, Deduct	*-64.32*	
		For >40, Deduct	*-134.05*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,176.95	297.75
		For Bronze, Satin Or Black Anodized Finish, Add	*87.22*	
		For >10 To 20, Deduct	*-38.15*	
		For >20 To 40, Deduct	*-70.48*	
		For >40, Deduct	*-146.77*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,288.98	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*94.10*	
		For >10 To 20, Deduct	*-41.63*	
		For >20 To 40, Deduct	*-77.00*	
		For >40, Deduct	*-160.26*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,390.62	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*99.42*	
		For >10 To 20, Deduct	*-44.71*	
		For >20 To 40, Deduct	*-82.79*	
		For >40, Deduct	*-172.20*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,498.33	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*105.65*	
		For >10 To 20, Deduct	*-48.02*	
		For >20 To 40, Deduct	*-89.00*	
		For >40, Deduct	*-185.05*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,345.23	330.83
		For Bronze, Satin Or Black Anodized Finish, Add	*102.53*	
		For >10 To 20, Deduct	*-43.88*	
		For >20 To 40, Deduct	*-80.93*	
		For >40, Deduct	*-168.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,464.17	363.92
		For Bronze, Satin Or Black Anodized Finish, Add	*110.45*	
		For >10 To 20, Deduct	*-47.65*	
		For >20 To 40, Deduct	*-87.94*	
		For >40, Deduct	*-183.23*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,561.50	397.00
		For Bronze, Satin Or Black Anodized Finish, Add	*115.12*	
		For >10 To 20, Deduct	*-50.55*	
		For >20 To 40, Deduct	*-93.42*	
		For >40, Deduct	*-194.52*	
26 56 13 00-0454		Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 09-0354)*		
		Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	586.95	165.42
		For Bronze Or Satin Anodized Finish, Add	*25.61*	
		For Black Anodized Finish, Add	*51.22*	
		For >10 To 20, Deduct	*-18.52*	
		For >20 To 40, Deduct	*-34.47*	
		For >40, Deduct	*-71.50*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	611.17	165.42
		For Bronze Or Satin Anodized Finish, Add	*28.03*	
		For Black Anodized Finish, Add	*56.07*	
		For >10 To 20, Deduct	*-19.48*	
		For >20 To 40, Deduct	*-36.17*	
		For >40, Deduct	*-75.13*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	664.17	181.96
		For Bronze Or Satin Anodized Finish, Add	*30.03*	
		For Black Anodized Finish, Add	*60.05*	
		For >10 To 20, Deduct	*-21.11*	
		For >20 To 40, Deduct	*-39.21*	
		For >40, Deduct	*-81.43*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	711.09	198.50
		For Bronze Or Satin Anodized Finish, Add	*31.41*	
		For Black Anodized Finish, Add	*62.82*	
		For >10 To 20, Deduct	*-22.49*	
		For >20 To 40, Deduct	*-41.84*	
		For >40, Deduct	*-86.81*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	742.24	198.50
		For Bronze Or Satin Anodized Finish, Add	*34.52*	
		For Black Anodized Finish, Add	*69.05*	
		For >10 To 20, Deduct	*-23.73*	
		For >20 To 40, Deduct	*-44.02*	
		For >40, Deduct	*-91.49*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	687.53	181.96
		For Bronze Or Satin Anodized Finish, Add	*32.36*	
		For Black Anodized Finish, Add	*64.72*	
		For >10 To 20, Deduct	*-22.04*	
		For >20 To 40, Deduct	*-40.85*	
		For >40, Deduct	*-84.93*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	744.83	198.50
		For Bronze Or Satin Anodized Finish, Add	*34.78*	
		For Black Anodized Finish, Add	*69.57*	
		For >10 To 20, Deduct	*-23.84*	
		For >20 To 40, Deduct	*-44.20*	
		For >40, Deduct	*-91.87*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	762.14	198.50
		For Bronze Or Satin Anodized Finish, Add	*36.51*	
		For Black Anodized Finish, Add	*73.03*	
		For >10 To 20, Deduct	*-24.53*	
		For >20 To 40, Deduct	*-45.41*	
		For >40, Deduct	*-94.47*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	822.92	215.04
		For Bronze Or Satin Anodized Finish, Add	*39.28*	
		For Black Anodized Finish, Add	*78.57*	
		For >10 To 20, Deduct	*-26.47*	
		For >20 To 40, Deduct	*-49.00*	
		For >40, Deduct	*-101.93*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	880.22	231.58
		For Bronze Or Satin Anodized Finish, Add	*41.71*	
		For Black Anodized Finish, Add	*83.41*	
		For >10 To 20, Deduct	*-28.26*	
		For >20 To 40, Deduct	*-52.35*	
		For >40, Deduct	*-108.88*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	812.32	198.50
		For Bronze Or Satin Anodized Finish, Add	*41.53*	
		For Black Anodized Finish, Add	*83.06*	
		For >10 To 20, Deduct	*-26.54*	
		For >20 To 40, Deduct	*-48.92*	
		For >40, Deduct	*-102.00*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	878.29	215.04
		For Bronze Or Satin Anodized Finish, Add	*44.82*	
		For Black Anodized Finish, Add	*89.64*	
		For >10 To 20, Deduct	*-28.68*	
		For >20 To 40, Deduct	*-52.88*	
		For >40, Deduct	*-110.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	939.92	231.58
		For Bronze Or Satin Anodized Finish, Add	*47.68*	
		For Black Anodized Finish, Add	*95.35*	
		For >10 To 20, Deduct	*-30.65*	
		For >20 To 40, Deduct	*-56.53*	
		For >40, Deduct	*-117.83*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	949.25	215.04
		For Bronze Or Satin Anodized Finish, Add	*51.92*	
		For Black Anodized Finish, Add	*103.83*	
		For >10 To 20, Deduct	*-31.52*	
		For >20 To 40, Deduct	*-57.35*	
		For >40, Deduct	*-120.88*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,210.30	264.67
		For Bronze Or Satin Anodized Finish, Add	*68.10*	
		For Black Anodized Finish, Add	*136.19*	
		For >10 To 20, Deduct	*-40.47*	
		For >20 To 40, Deduct	*-74.13*	
		For >40, Deduct	*-155.08*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,308.07	264.67
		For Bronze Or Satin Anodized Finish, Add	*77.87*	
		For Black Anodized Finish, Add	*155.75*	
		For >10 To 20, Deduct	*-44.38*	
		For >20 To 40, Deduct	*-80.98*	
		For >40, Deduct	*-169.74*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,458.16	297.75
		For Bronze Or Satin Anodized Finish, Add	*86.27*	
		For Black Anodized Finish, Add	*172.53*	
		For >10 To 20, Deduct	*-49.39*	
		For >20 To 40, Deduct	*-90.16*	
		For >40, Deduct	*-188.95*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,564.59	297.75
		For Bronze Or Satin Anodized Finish, Add	*96.91*	
		For Black Anodized Finish, Add	*193.82*	
		For >10 To 20, Deduct	*-53.65*	
		For >20 To 40, Deduct	*-97.61*	
		For >40, Deduct	*-204.91*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	754.35	198.50
		For Bronze Or Satin Anodized Finish, Add	*35.74*	
		For Black Anodized Finish, Add	*71.47*	
		For >10 To 20, Deduct	*-24.22*	
		For >20 To 40, Deduct	*-44.86*	
		For >40, Deduct	*-93.30*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	838.68	231.58
		For Bronze Or Satin Anodized Finish, Add	*37.55*	
		For Black Anodized Finish, Add	*75.10*	
		For >10 To 20, Deduct	*-26.60*	
		For >20 To 40, Deduct	*-49.44*	
		For >40, Deduct	*-102.64*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	929.96	264.67
		For Bronze Or Satin Anodized Finish, Add	*40.06*	
		For Black Anodized Finish, Add	*80.12*	
		For >10 To 20, Deduct	*-29.26*	
		For >20 To 40, Deduct	*-54.51*	
		For >40, Deduct	*-113.03*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,020.34	297.75
		For Bronze Or Satin Anodized Finish, Add	*42.48*	
		For Black Anodized Finish, Add	*84.97*	
		For >10 To 20, Deduct	*-31.88*	
		For >20 To 40, Deduct	*-59.51*	
		For >40, Deduct	*-123.28*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,069.00	314.29
		For Bronze Or Satin Anodized Finish, Add	*44.04*	
		For Black Anodized Finish, Add	*88.08*	
		For >10 To 20, Deduct	*-33.33*	
		For >20 To 40, Deduct	*-62.26*	
		For >40, Deduct	*-128.92*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,117.66	330.83
		For Bronze Or Satin Anodized Finish, Add	*45.60*	
		For Black Anodized Finish, Add	*91.20*	
		For >10 To 20, Deduct	*-34.78*	
		For >20 To 40, Deduct	*-65.00*	
		For >40, Deduct	*-134.57*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,213.24	363.92
		For Bronze Or Satin Anodized Finish, Add	*48.54*	
		For Black Anodized Finish, Add	*97.08*	
		For >10 To 20, Deduct	*-37.61*	
		For >20 To 40, Deduct	*-70.37*	
		For >40, Deduct	*-145.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,316.63	397.00
		For Bronze Or Satin Anodized Finish, Add	*52.26*	
		For Black Anodized Finish, Add	*104.52*	
		For >10 To 20, Deduct	*-40.76*	
		For >20 To 40, Deduct	*-76.28*	
		For >40, Deduct	*-157.79*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,177.37	330.83
		For Bronze Or Satin Anodized Finish, Add	*51.57*	
		For Black Anodized Finish, Add	*103.14*	
		For >10 To 20, Deduct	*-37.17*	
		For >20 To 40, Deduct	*-69.18*	
		For >40, Deduct	*-143.52*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,274.67	363.92
		For Bronze Or Satin Anodized Finish, Add	*54.68*	
		For Black Anodized Finish, Add	*109.37*	
		For >10 To 20, Deduct	*-40.07*	
		For >20 To 40, Deduct	*-74.67*	
		For >40, Deduct	*-154.81*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,383.25	397.00
		For Bronze Or Satin Anodized Finish, Add	*58.92*	
		For Black Anodized Finish, Add	*117.85*	
		For >10 To 20, Deduct	*-43.42*	
		For >20 To 40, Deduct	*-80.95*	
		For >40, Deduct	*-167.79*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,328.58	314.29
		For Bronze Or Satin Anodized Finish, Add	*70.00*	
		For Black Anodized Finish, Add	*140.00*	
		For >10 To 20, Deduct	*-43.71*	
		For >20 To 40, Deduct	*-80.43*	
		For >40, Deduct	*-167.86*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,631.58	397.00
		For Bronze Or Satin Anodized Finish, Add	*83.76*	
		For Black Anodized Finish, Add	*167.51*	
		For >10 To 20, Deduct	*-53.35*	
		For >20 To 40, Deduct	*-98.33*	
		For >40, Deduct	*-205.04*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,004.40	529.34
		For Bronze Or Satin Anodized Finish, Add	*94.57*	
		For Black Anodized Finish, Add	*189.15*	
		For >10 To 20, Deduct	*-64.30*	
		For >20 To 40, Deduct	*-119.13*	
		For >40, Deduct	*-247.73*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,436.90	397.00
		For Bronze Or Satin Anodized Finish, Add	*64.29*	
		For Black Anodized Finish, Add	*128.58*	
		For >10 To 20, Deduct	*-45.57*	
		For >20 To 40, Deduct	*-84.70*	
		For >40, Deduct	*-175.83*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,736.28	397.00
		For Bronze Or Satin Anodized Finish, Add	*94.23*	
		For Black Anodized Finish, Add	*188.45*	
		For >10 To 20, Deduct	*-57.54*	
		For >20 To 40, Deduct	*-105.66*	
		For >40, Deduct	*-220.74*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,099.58	529.34
		For Bronze Or Satin Anodized Finish, Add	*104.09*	
		For Black Anodized Finish, Add	*208.18*	
		For >10 To 20, Deduct	*-68.10*	
		For >20 To 40, Deduct	*-125.80*	
		For >40, Deduct	*-262.00*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,900.68	397.00
		For Bronze Or Satin Anodized Finish, Add	*110.67*	
		For Black Anodized Finish, Add	*221.33*	
		For >10 To 20, Deduct	*-64.12*	
		For >20 To 40, Deduct	*-117.17*	
		For >40, Deduct	*-245.40*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,314.16	529.34
		For Bronze Or Satin Anodized Finish, Add	*125.55*	
		For Black Anodized Finish, Add	*251.10*	
		For >10 To 20, Deduct	*-76.69*	
		For >20 To 40, Deduct	*-140.82*	
		For >40, Deduct	*-294.19*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,669.73	595.50
		For Bronze Or Satin Anodized Finish, Add	*147.87*	
		For Black Anodized Finish, Add	*295.75*	
		For >10 To 20, Deduct	*-88.92*	
		For >20 To 40, Deduct	*-163.06*	
		For >40, Deduct	*-340.91*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*
Note: Includes rubberized undercoating on embedded portion.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0496	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	671.74	165.42
			For Bronze Or Satin Anodized Finish, Add	*34.09*	
			For Black Anodized Finish, Add	*68.18*	
			For >10 To 20, Deduct	*-21.91*	
			For >20 To 40, Deduct	*-40.41*	
			For >40, Deduct	*-84.22*	
26 56 13 00-0497	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	748.96	181.96
			For Bronze Or Satin Anodized Finish, Add	*38.50*	
			For Black Anodized Finish, Add	*77.01*	
			For >10 To 20, Deduct	*-24.50*	
			For >20 To 40, Deduct	*-45.15*	
			For >40, Deduct	*-94.15*	
26 56 13 00-0498	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	800.21	198.50
			For Bronze Or Satin Anodized Finish, Add	*40.32*	
			For Black Anodized Finish, Add	*80.64*	
			For >10 To 20, Deduct	*-26.05*	
			For >20 To 40, Deduct	*-48.07*	
			For >40, Deduct	*-100.18*	
26 56 13 00-0499	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	821.84	198.50
			For Bronze Or Satin Anodized Finish, Add	*42.48*	
			For Black Anodized Finish, Add	*84.97*	
			For >10 To 20, Deduct	*-26.92*	
			For >20 To 40, Deduct	*-49.59*	
			For >40, Deduct	*-103.43*	
26 56 13 00-0500	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	848.67	198.50
			For Bronze Or Satin Anodized Finish, Add	*45.17*	
			For Black Anodized Finish, Add	*90.33*	
			For >10 To 20, Deduct	*-27.99*	
			For >20 To 40, Deduct	*-51.47*	
			For >40, Deduct	*-107.45*	
26 56 13 00-0501	EA		18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	973.47	215.04
			For Bronze Or Satin Anodized Finish, Add	*54.34*	
			For Black Anodized Finish, Add	*108.68*	
			For >10 To 20, Deduct	*-32.49*	
			For >20 To 40, Deduct	*-59.54*	
			For >40, Deduct	*-124.52*	
26 56 13 00-0502	EA		20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,043.75	231.58
			For Bronze Or Satin Anodized Finish, Add	*58.06*	
			For Black Anodized Finish, Add	*116.12*	
			For >10 To 20, Deduct	*-34.80*	
			For >20 To 40, Deduct	*-63.80*	
			For >40, Deduct	*-133.40*	
26 56 13 00-0503	EA		20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,179.60	231.58
			For Bronze Or Satin Anodized Finish, Add	*71.64*	
			For Black Anodized Finish, Add	*143.29*	
			For >10 To 20, Deduct	*-40.24*	
			For >20 To 40, Deduct	*-73.31*	
			For >40, Deduct	*-153.78*	
26 56 13 00-0504	EA		25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,354.80	264.67
			For Bronze Or Satin Anodized Finish, Add	*82.55*	
			For Black Anodized Finish, Add	*165.09*	
			For >10 To 20, Deduct	*-46.25*	
			For >20 To 40, Deduct	*-84.25*	
			For >40, Deduct	*-176.75*	
26 56 13 00-0505	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,658.50	264.67
			For Bronze Or Satin Anodized Finish, Add	*112.92*	
			For Black Anodized Finish, Add	*225.83*	
			For >10 To 20, Deduct	*-58.40*	
			For >20 To 40, Deduct	*-105.51*	
			For >40, Deduct	*-222.31*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	75.70
26 56 13 00-0508	EA		Extra Handhole For Aluminum Area Light Poles	32.25
26 56 13 00-0509	EA		Vibration Dampener For Aluminum Area Light Poles	114.52

26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

26 56 13 00-0513	EA		10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,461.43	231.58
			For >10 To 20, Deduct	*-51.51*	
			For >20 To 40, Deduct	*-93.04*	
			For >40, Deduct	*-196.06*	
26 56 13 00-0514	EA		12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,587.03	264.67
			For >10 To 20, Deduct	*-55.54*	
			For >20 To 40, Deduct	*-100.51*	
			For >40, Deduct	*-211.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,714.31	297.75
		For >10 To 20, Deduct	*-59.64*	
		For >20 To 40, Deduct	*-108.09*	
		For >40, Deduct	*-227.37*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,839.90	330.83
		For >10 To 20, Deduct	*-63.67*	
		For >20 To 40, Deduct	*-115.56*	
		For >40, Deduct	*-242.90*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,996.04	363.92
		For >10 To 20, Deduct	*-68.92*	
		For >20 To 40, Deduct	*-125.17*	
		For >40, Deduct	*-263.01*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,125.04	397.00
		For >10 To 20, Deduct	*-73.09*	
		For >20 To 40, Deduct	*-132.87*	
		For >40, Deduct	*-279.06*	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,318.49	463.16
		For >10 To 20, Deduct	*-78.84*	
		For >20 To 40, Deduct	*-143.77*	
		For >40, Deduct	*-301.46*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,510.24	529.34
		For >10 To 20, Deduct	*-84.53*	
		For >20 To 40, Deduct	*-154.54*	
		For >40, Deduct	*-323.60*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,647.75	529.34
		For >10 To 20, Deduct	*-90.03*	
		For >20 To 40, Deduct	*-164.17*	
		For >40, Deduct	*-344.23*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,834.46	562.41
		For >10 To 20, Deduct	*-96.51*	
		For >20 To 40, Deduct	*-175.92*	
		For >40, Deduct	*-368.93*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,021.16	595.50
		For >10 To 20, Deduct	*-102.98*	
		For >20 To 40, Deduct	*-187.66*	
		For >40, Deduct	*-393.62*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,617.62	231.58
		For >10 To 20, Deduct	*-57.76*	
		For >20 To 40, Deduct	*-103.97*	
		For >40, Deduct	*-219.49*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,712.66	264.67
		For >10 To 20, Deduct	*-60.57*	
		For >20 To 40, Deduct	*-109.30*	
		For >40, Deduct	*-230.43*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,809.38	297.75
		For >10 To 20, Deduct	*-63.44*	
		For >20 To 40, Deduct	*-114.75*	
		For >40, Deduct	*-241.63*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,909.51	330.83
		For >10 To 20, Deduct	*-66.46*	
		For >20 To 40, Deduct	*-120.43*	
		For >40, Deduct	*-253.34*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,018.11	363.92
		For >10 To 20, Deduct	*-69.81*	
		For >20 To 40, Deduct	*-126.71*	
		For >40, Deduct	*-266.33*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,125.04	397.00
		For >10 To 20, Deduct	*-73.09*	
		For >20 To 40, Deduct	*-132.87*	
		For >40, Deduct	*-279.06*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,298.11	463.16
		For >10 To 20, Deduct	*-78.03*	
		For >20 To 40, Deduct	*-142.34*	
		For >40, Deduct	*-298.40*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,510.24	529.34
		For >10 To 20, Deduct	*-84.53*	
		For >20 To 40, Deduct	*-154.54*	
		For >40, Deduct	*-323.60*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,567.96	529.34
		For >10 To 20, Deduct	*-86.84*	
		For >20 To 40, Deduct	*-158.58*	
		For >40, Deduct	*-332.26*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,693.55	562.41
		For >10 To 20, Deduct	*-90.87*	
		For >20 To 40, Deduct	*-166.05*	
		For >40, Deduct	*-347.79*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,819.13	595.50
		For >10 To 20, Deduct	*-94.90*	
		For >20 To 40, Deduct	*-173.52*	
		For >40, Deduct	*-363.32*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,846.82	231.58
		For >10 To 20, Deduct	*-66.93*	
		For >20 To 40, Deduct	*-120.01*	
		For >40, Deduct	*-253.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,965.63	264.67
		For >10 To 20, Deduct	*-70.69*	
		For >20 To 40, Deduct	*-127.01*	
		For >40, Deduct	*-268.38*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,084.42	297.75
		For >10 To 20, Deduct	*-74.44*	
		For >20 To 40, Deduct	*-134.00*	
		For >40, Deduct	*-282.89*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,204.92	330.83
		For >10 To 20, Deduct	*-78.27*	
		For >20 To 40, Deduct	*-141.11*	
		For >40, Deduct	*-297.65*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,332.19	363.92
		For >10 To 20, Deduct	*-82.37*	
		For >20 To 40, Deduct	*-148.70*	
		For >40, Deduct	*-313.44*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,469.68	397.00
		For >10 To 20, Deduct	*-86.88*	
		For >20 To 40, Deduct	*-157.00*	
		For >40, Deduct	*-330.75*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,688.59	463.16
		For >10 To 20, Deduct	*-93.65*	
		For >20 To 40, Deduct	*-169.67*	
		For >40, Deduct	*-356.97*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,909.21	529.34
		For >10 To 20, Deduct	*-100.49*	
		For >20 To 40, Deduct	*-182.47*	
		For >40, Deduct	*-383.45*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,997.49	529.34
		For >10 To 20, Deduct	*-104.02*	
		For >20 To 40, Deduct	*-188.65*	
		For >40, Deduct	*-396.69*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,202.87	562.41
		For >10 To 20, Deduct	*-111.24*	
		For >20 To 40, Deduct	*-201.70*	
		For >40, Deduct	*-424.19*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,369.20	595.50
		For >10 To 20, Deduct	*-116.90*	
		For >20 To 40, Deduct	*-212.02*	
		For >40, Deduct	*-445.83*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,502.45	612.05
		For >10 To 20, Deduct	*-121.74*	
		For >20 To 40, Deduct	*-220.69*	
		For >40, Deduct	*-464.16*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,635.70	628.58
		For >10 To 20, Deduct	*-126.57*	
		For >20 To 40, Deduct	*-229.36*	
		For >40, Deduct	*-482.50*	

26 56 13 00-0548 Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*

26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	901.27	165.42
		For >10 To 20, Deduct	*-31.09*	
		For >20 To 40, Deduct	*-56.47*	
		For >40, Deduct	*-118.65*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	966.62	181.96
		For >10 To 20, Deduct	*-33.21*	
		For >20 To 40, Deduct	*-60.39*	
		For >40, Deduct	*-126.80*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,030.26	198.50
		For >10 To 20, Deduct	*-35.26*	
		For >20 To 40, Deduct	*-64.18*	
		For >40, Deduct	*-134.69*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,059.12	198.50
		For >10 To 20, Deduct	*-36.41*	
		For >20 To 40, Deduct	*-66.20*	
		For >40, Deduct	*-139.02*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,139.75	215.04
		For >10 To 20, Deduct	*-39.14*	
		For >20 To 40, Deduct	*-71.18*	
		For >40, Deduct	*-149.46*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,206.77	231.58
		For >10 To 20, Deduct	*-41.32*	
		For >20 To 40, Deduct	*-75.21*	
		For >40, Deduct	*-157.86*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,278.91	248.13
		For >10 To 20, Deduct	*-43.71*	
		For >20 To 40, Deduct	*-79.60*	
		For >40, Deduct	*-167.02*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,359.53	264.67
		For >10 To 20, Deduct	*-46.44*	
		For >20 To 40, Deduct	*-84.58*	
		For >40, Deduct	*-177.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,522.52	264.67
		For >10 To 20, Deduct	*-52.96*	
		For >20 To 40, Deduct	*-95.99*	
		For >40, Deduct	*-201.91*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,718.57	281.21
		For >10 To 20, Deduct	*-60.31*	
		For >20 To 40, Deduct	*-109.05*	
		For >40, Deduct	*-229.67*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,914.64	297.75
		For >10 To 20, Deduct	*-67.65*	
		For >20 To 40, Deduct	*-122.11*	
		For >40, Deduct	*-257.42*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,057.46	165.42
		For >10 To 20, Deduct	*-37.34*	
		For >20 To 40, Deduct	*-67.41*	
		For >40, Deduct	*-142.08*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,131.30	181.96
		For >10 To 20, Deduct	*-39.79*	
		For >20 To 40, Deduct	*-71.91*	
		For >40, Deduct	*-151.50*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,205.12	198.50
		For >10 To 20, Deduct	*-42.25*	
		For >20 To 40, Deduct	*-76.42*	
		For >40, Deduct	*-160.92*	
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,247.57	198.50
		For >10 To 20, Deduct	*-43.95*	
		For >20 To 40, Deduct	*-79.39*	
		For >40, Deduct	*-167.29*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,321.40	215.04
		For >10 To 20, Deduct	*-46.40*	
		For >20 To 40, Deduct	*-83.90*	
		For >40, Deduct	*-176.71*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,395.22	231.58
		For >10 To 20, Deduct	*-48.86*	
		For >20 To 40, Deduct	*-88.40*	
		For >40, Deduct	*-186.13*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,469.05	248.13
		For >10 To 20, Deduct	*-51.32*	
		For >20 To 40, Deduct	*-92.91*	
		For >40, Deduct	*-195.55*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,581.94	264.67
		For >10 To 20, Deduct	*-55.34*	
		For >20 To 40, Deduct	*-100.15*	
		For >40, Deduct	*-210.82*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,739.83	264.67
		For >10 To 20, Deduct	*-61.65*	
		For >20 To 40, Deduct	*-111.20*	
		For >40, Deduct	*-234.51*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,932.49	281.21
		For >10 To 20, Deduct	*-68.86*	
		For >20 To 40, Deduct	*-124.03*	
		For >40, Deduct	*-261.75*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	2,123.47	297.75
		For >10 To 20, Deduct	*-76.01*	
		For >20 To 40, Deduct	*-136.73*	
		For >40, Deduct	*-288.75*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,194.98	165.42
		For >10 To 20, Deduct	*-42.84*	
		For >20 To 40, Deduct	*-77.03*	
		For >40, Deduct	*-162.71*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,258.63	181.96
		For >10 To 20, Deduct	*-44.89*	
		For >20 To 40, Deduct	*-80.83*	
		For >40, Deduct	*-170.60*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,320.57	198.50
		For >10 To 20, Deduct	*-46.87*	
		For >20 To 40, Deduct	*-84.50*	
		For >40, Deduct	*-178.24*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,349.43	198.50
		For >10 To 20, Deduct	*-48.02*	
		For >20 To 40, Deduct	*-86.52*	
		For >40, Deduct	*-182.56*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,411.38	215.04
		For >10 To 20, Deduct	*-50.00*	
		For >20 To 40, Deduct	*-90.19*	
		For >40, Deduct	*-190.20*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,475.01	231.58
		For >10 To 20, Deduct	*-52.05*	
		For >20 To 40, Deduct	*-93.99*	
		For >40, Deduct	*-198.09*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,596.39	248.13
		For >10 To 20, Deduct	*-56.41*	
		For >20 To 40, Deduct	*-101.82*	
		For >40, Deduct	*-214.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,738.13	264.67
		For >10 To 20, Deduct	*-61.59*	
		For >20 To 40, Deduct	*-111.08*	
		For >40, Deduct	*-234.25*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,836.60	264.67
		For >10 To 20, Deduct	*-65.52*	
		For >20 To 40, Deduct	*-117.98*	
		For >40, Deduct	*-249.02*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,969.84	281.21
		For >10 To 20, Deduct	*-70.36*	
		For >20 To 40, Deduct	*-126.64*	
		For >40, Deduct	*-267.36*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	2,103.09	297.75
		For >10 To 20, Deduct	*-75.19*	
		For >20 To 40, Deduct	*-135.31*	
		For >40, Deduct	*-285.69*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	60.19	
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	60.19	
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	114.21	
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	151.25	

26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*

26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,137.65	562.41
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,254.45	595.50
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,337.00	612.05
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,869.19	628.58
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,177.14	661.67
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,943.83	860.17
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,732.50	1,058.67
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	4,459.37	562.41
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,131.81	595.50
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	659.09	198.50
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,669.24	396.87
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	255.42	80.98
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	523.94	161.98

26 56 13 00-0602 Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

Note: Round or square.

26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,202.38	264.67
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,497.43	330.83
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,766.50	397.00
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,866.45	595.50
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,442.53	628.58
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,064.68	661.67
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,896.93	860.17

26 56 13 00-0610 Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	17,345.21	1,488.75
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	20,599.60	1,786.77
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	24,441.75	2,413.71

26 56 13 00-0614 Treated Wood Area Light Poles *(26 56 13 00-0177)*

See CSI section 26 05 46 00-0001 for wood poles.

26 56 13 00-0615 Cast Iron Decorative Light Posts *(26 56 13 00-0177)*

26 56 13 00-0616 Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0615)*

Note: As manufactured by Hadco and King Luminaries or an approved equal.

26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,548.64	165.42
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,631.27	190.56
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,769.92	198.50
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,176.06	231.58
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,543.82	251.44
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,929.47	271.28

26 56 13 00-0623 Landscape Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0624 Aluminum Landscape Light Poles *(26 56 13 00-0623)*

Note: Includes painted finish.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0625		Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0624)*		
26 56 13 00-0626		Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0625)*		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	474.00	198.50
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	773.03	264.67
26 56 13 00-0629		Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0625)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	437.76	198.50
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	736.79	264.67
26 56 13 00-0632		Steel Landscape Light Poles *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0633		Round Straight, Steel Landscape Light Poles *(26 56 13 00-0632)*		
26 56 13 00-0634		Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0633)*		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	526.24	198.50
26 56 13 00-0636		Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0633)*		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	497.29	198.50
26 56 13 00-0638		Light Pole Brackets And Arms *(26 56 13 00-0001)*		
26 56 13 00-0639		Light Pole Brackets *(26 56 13 00-0638)*		
26 56 13 00-0640		Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0641		Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0642		Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)* Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	597.70	39.70
		For Galvanized Finish, Add	*51.83*	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	754.08	39.70
		For Galvanized Finish, Add	*67.47*	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	801.81	39.70
		For Galvanized Finish, Add	*72.24*	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,096.45	39.70
		For Galvanized Finish, Add	*101.71*	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,142.34	39.70
		For Galvanized Finish, Add	*106.29*	
26 56 13 00-0648		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)* Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	220.44	39.70
		For Bronze Or Satin Anodized Finish, Add	*14.10*	
		For Black Anodized Finish, Add	*28.21*	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	265.43	39.70
		For Bronze Or Satin Anodized Finish, Add	*18.60*	
		For Black Anodized Finish, Add	*37.21*	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	277.54	39.70
		For Bronze Or Satin Anodized Finish, Add	*19.81*	
		For Black Anodized Finish, Add	*39.63*	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	319.94	39.70
		For Bronze Or Satin Anodized Finish, Add	*24.05*	
		For Black Anodized Finish, Add	*48.11*	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	328.59	39.70
		For Bronze Or Satin Anodized Finish, Add	*24.92*	
		For Black Anodized Finish, Add	*49.84*	
26 56 13 00-0654		Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0655		Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0654)* Note: Includes powdercoat finish.		
26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	642.35	39.70
		For Galvanized Finish, Add	*56.30*	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	792.14	39.70
		For Galvanized Finish, Add	*71.27*	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	968.06	39.70
		For Galvanized Finish, Add	*88.87*	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,144.81	39.70
		For Galvanized Finish, Add	*106.54*	
26 56 13 00-0660		Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0661		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0660)* Note: Includes powdercoat finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	611.74	66.16
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	918.32	66.16
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,281.07	66.16
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,400.41	66.16
26 56 13 00-0666		Light Pole Arms *(26 56 13 00-0638)*		
26 56 13 00-0667		Wood Pole Streetlight Arms *(26 56 13 00-0666)*		
26 56 13 00-0668		Steel, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	358.19	59.55
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	379.44	66.16
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	440.72	82.71
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	526.35	66.16
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	587.22	82.71
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	712.69	99.25
26 56 13 00-0675		Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	229.22	66.16
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	278.91	66.16
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	371.03	82.71
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	483.74	99.25
26 56 13 00-0680		Area Light Arms *(26 56 13 00-0666)*		
26 56 13 00-0681		Steel Area Light Arms *(26 56 13 00-0680)*		
26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	678.94	66.16
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,061.57	72.79
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,179.43	79.40
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,399.79	86.02
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	810.25	82.71
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,154.44	89.33
26 56 13 00-0688		Aluminum Area Light Arms *(26 56 13 00-0680)*		
26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	273.37	66.16
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	337.61	82.71
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	403.57	99.25
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	271.64	66.16
26 56 13 00-0693	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	378.31	72.79
26 56 13 00-0694	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	334.15	82.71
26 56 13 00-0695	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	461.59	89.33
26 56 13 00-0696	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	405.30	99.25
26 56 13 00-0697	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	559.57	105.86
26 56 13 00-0698		Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0001)*		
26 56 13 00-0699	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,183.51	
26 56 13 00-0700		High Mast Lighting *(26 56 13 00-0001)*		
26 56 13 00-0701		High Mast Lighting Assemblies *(26 56 13 00-0700)*		
		Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0702	EA	60' High Mast Lighting Assembly	52,992.55	1,983.39
26 56 13 00-0703	EA	70' High Mast Lighting Assembly	55,977.28	2,077.30
26 56 13 00-0704	EA	80' High Mast Lighting Assembly	58,993.98	2,212.97
26 56 13 00-0705	EA	90' High Mast Lighting Assembly	62,040.82	2,390.39
26 56 13 00-0706	EA	100' High Mast Lighting Assembly	65,103.95	2,609.48
26 56 13 00-0707	EA	110' High Mast Lighting Assembly	69,045.71	2,870.63
26 56 13 00-0708	EA	120' High Mast Lighting Assembly	72,228.80	3,131.56
26 56 13 00-0709	EA	130' High Mast Lighting Assembly	75,167.82	3,392.49
26 56 13 00-0710	EA	140' High Mast Lighting Assembly	78,350.91	3,653.55
26 56 13 00-0711	EA	150' High Mast Lighting Assembly	82,224.56	3,914.48
26 56 13 00-0712		High Mast Light Poles *(26 56 13 00-0700)*		
26 56 13 00-0713	EA	60' High Mast Light Poles	20,120.49	1,191.19
26 56 13 00-0714	EA	70' High Mast Light Poles	23,077.02	1,247.61
26 56 13 00-0715	EA	80' High Mast Light Poles	26,052.97	1,329.11
26 56 13 00-0716	EA	90' High Mast Light Poles	29,046.52	1,435.69
26 56 13 00-0717	EA	100' High Mast Light Poles	32,059.49	1,567.35
26 56 13 00-0718	EA	110' High Mast Light Poles	35,091.90	1,724.08
26 56 13 00-0719	EA	120' High Mast Light Poles	37,383.09	1,880.82
26 56 13 00-0720	EA	130' High Mast Light Poles	37,390.89	3,485.78
26 56 13 00-0721	EA	140' High Mast Light Poles	41,719.64	2,194.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0722	EA	150' High Mast Light Poles	44,256.71	2,351.02
26 56 13 00-0723		**High Mast Lighting Accessories** *(26 56 13 00-0700)*		
26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting	930.93	
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting	2,638.04	
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting	1,997.97	
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting	839.05	
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting	1,560.36	
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting	17,100.79	
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	17,197.83	
26 56 13 00-0731		**Concrete Bases** *(26 56 13 00-0001)*		
26 56 13 00-0732		**Concrete Bases, Cast In Place** *(26 56 13 00-0731)* Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0733	EA	Cast In Place Concrete Base For Poles Minimum Charge Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	339.43	
26 56 13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles	49.25	
26 56 13 00-0735	VLF	2' Diameter Concrete Base For Poles	73.85	
26 56 13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles	104.06	
26 56 13 00-0737	VLF	3' Diameter Concrete Base For Poles	140.81	
26 56 13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles	187.96	
26 56 13 00-0739	VLF	4' Diameter Concrete Base For Poles	238.14	
26 56 13 00-0740	VLF	5' Diameter Concrete Base For Poles	349.52	
26 56 13 00-0741	VLF	6' Diameter Concrete Base For Poles	483.76	
26 56 18		**Incandescent Exterior Lighting** *(26 56)*		
26 56 18 00-0001		**Exterior Globe** *(26 56 18)*		
26 56 18 00-0002		**Incandescent, Exterior Globe** *(26 56 18 00-0001)*		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	56.60	21.08
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	86.15	21.08
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	66.13	21.08
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	89.82	21.08
26 56 18 00-0007		**Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 18)* Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	218.67	84.29
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	229.25	89.57
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	249.21	94.83
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	254.08	105.37
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	287.19	121.17
26 56 19		**LED Exterior Lighting** *(26 56)*		
26 56 19 00-0001		**LED, Wall Packs** *(26 56 19)*		
26 56 19 00-0002		**Full Cutoff, LED Wall Packs** *(26 56 19 00-0001)*		
26 56 19 00-0003		**Full Cutoff, LED Wall Packs (Lithonia)** *(26 56 19 00-0002)*		
26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	941.72	115.08
		For >50 To 100, Deduct	*-47.09*	
		For >100 To 250, Deduct	*-70.63*	
		For >250 To 500, Deduct	*-111.96*	
		For >500 To 1000, Deduct	*-153.29*	
		For >1000, Deduct	*-194.63*	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,018.95	115.08
		For >50 To 100, Deduct	*-50.95*	
		For >100 To 250, Deduct	*-76.42*	
		For >250 To 500, Deduct	*-121.61*	
		For >500 To 1000, Deduct	*-166.81*	
		For >1000, Deduct	*-212.00*	
26 56 19 00-0006		**Full Cutoff, LED Wall Packs (CREE® BetaLED®)** *(26 56 19 00-0002)*		
26 56 19 00-0007		**Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG)** *(26 56 19 00-0006)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	831.79	111.79
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*42.91*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-41.59*	
		For >100 To 250, Deduct	*-62.38*	
		For >250 To 500, Deduct	*-98.38*	
		For >500 To 1000, Deduct	*-134.38*	
		For >1000, Deduct	*-170.38*	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,065.32	118.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*43.57*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-53.27*	
		For >100 To 250, Deduct	*-79.90*	
		For >250 To 500, Deduct	*-127.25*	
		For >500 To 1000, Deduct	*-174.59*	
		For >1000, Deduct	*-221.94*	
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,192.30	124.94
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*44.22*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-59.62*	
		For >100 To 250, Deduct	*-89.42*	
		For >250 To 500, Deduct	*-142.79*	
		For >500 To 1000, Deduct	*-196.16*	
		For >1000, Deduct	*-249.53*	
26 56 19 00-0011	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,532.36	131.52
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*44.88*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-76.62*	
		For >100 To 250, Deduct	*-114.93*	
		For >250 To 500, Deduct	*-184.97*	
		For >500 To 1000, Deduct	*-255.01*	
		For >1000, Deduct	*-325.05*	
26 56 19 00-0012	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,765.88	138.09
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*45.54*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-88.29*	
		For >100 To 250, Deduct	*-132.44*	
		For >250 To 500, Deduct	*-213.83*	
		For >500 To 1000, Deduct	*-295.22*	
		For >1000, Deduct	*-376.61*	
26 56 19 00-0013	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,999.40	144.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*46.20*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-99.97*	
		For >100 To 250, Deduct	*-149.96*	
		For >250 To 500, Deduct	*-242.69*	
		For >500 To 1000, Deduct	*-335.43*	
		For >1000, Deduct	*-428.17*	

26 56 19 00-0014 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0006)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0015	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	504.55	111.79
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Multi-Level, Add	*50.37*	
		For >50 To 100, Deduct	*-25.23*	
		For >100 To 250, Deduct	*-37.84*	
		For >250 To 500, Deduct	*-57.48*	
		For >500 To 1000, Deduct	*-77.12*	
		For >1000, Deduct	*-96.76*	
26 56 19 00-0016	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	583.26	118.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Multi-Level, Add	*50.37*	
		For >50 To 100, Deduct	*-29.16*	
		For >100 To 250, Deduct	*-43.74*	
		For >250 To 500, Deduct	*-66.99*	
		For >500 To 1000, Deduct	*-90.23*	
		For >1000, Deduct	*-113.48*	
26 56 19 00-0017		**Open Face LED Wall Pack** *(26 56 19 00-0001)* Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof. High-quality shatter-resistant glass		
26 56 19 00-0018	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	701.63	115.34
		For >50 To 100, Deduct	*-35.08*	
		For >100 To 250, Deduct	*-52.62*	
		For >250 To 500, Deduct	*-79.05*	
		For >500 To 1000, Deduct	*-105.48*	
		For >1000, Deduct	*-131.92*	
26 56 19 00-0019	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	754.24	115.34
		For >50 To 100, Deduct	*-37.71*	
		For >100 To 250, Deduct	*-56.57*	
		For >250 To 500, Deduct	*-85.63*	
		For >500 To 1000, Deduct	*-114.69*	
		For >1000, Deduct	*-143.75*	
26 56 19 00-0020	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	781.80	115.34
		For >50 To 100, Deduct	*-39.09*	
		For >100 To 250, Deduct	*-58.64*	
		For >250 To 500, Deduct	*-89.07*	
		For >500 To 1000, Deduct	*-119.51*	
		For >1000, Deduct	*-149.95*	
26 56 19 00-0021	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	804.14	115.34
		For >50 To 100, Deduct	*-40.21*	
		For >100 To 250, Deduct	*-60.31*	
		For >250 To 500, Deduct	*-91.87*	
		For >500 To 1000, Deduct	*-123.42*	
		For >1000, Deduct	*-154.98*	
26 56 19 00-0022	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	971.75	115.34
		For >50 To 100, Deduct	*-48.59*	
		For >100 To 250, Deduct	*-72.88*	
		For >250 To 500, Deduct	*-112.82*	
		For >500 To 1000, Deduct	*-152.76*	
		For >1000, Deduct	*-192.69*	
26 56 19 00-0023		**Wall Pack Accessories** *(26 56 19 00-0001)*		
26 56 19 00-0024	EA	Photocell For Wall Pack	129.98	28.84
26 56 19 00-0025	EA	Wire Guard For Mini And Small Wall Pack	145.10	28.84
26 56 19 00-0026	EA	Wire Guard For Medium And Large Wall Pack	208.32	28.84
26 56 19 00-0027	EA	Clear Polycarbonate Vandal Guard For Wall Packs	299.56	28.84
26 56 19 00-0028	EA	Full Cutoff Visor For Wall Pack	140.98	28.84
26 56 19 00-0029		**LED, Roadway Lighting** *(26 56 19)*		
26 56 19 00-0030		**LED Roadway Lighting (Philips Lumec)** *(26 56 19 00-0029)*		
26 56 19 00-0031		**Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series)** *(26 56 19 00-0030)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0032	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,504.28	158.15
		For >50 To 100, Deduct	*-75.21*	
		For >100 To 250, Deduct	*-112.82*	
		For >250 To 500, Deduct	*-180.13*	
		For >500 To 1000, Deduct	*-247.43*	
		For >1000, Deduct	*-314.74*	
26 56 19 00-0033	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,351.82	162.42
		For >50 To 100, Deduct	*-117.59*	
		For >100 To 250, Deduct	*-176.39*	
		For >250 To 500, Deduct	*-285.86*	
		For >500 To 1000, Deduct	*-395.33*	
		For >1000, Deduct	*-504.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0034		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0030)* Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0035	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,093.66	158.15
		For >50 To 100, Deduct	*-54.68*	
		For >100 To 250, Deduct	*-82.02*	
		For >250 To 500, Deduct	*-128.80*	
		For >500 To 1000, Deduct	*-175.58*	
		For >1000, Deduct	*-222.35*	
26 56 19 00-0036	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,093.66	158.15
		For >50 To 100, Deduct	*-54.68*	
		For >100 To 250, Deduct	*-82.02*	
		For >250 To 500, Deduct	*-128.80*	
		For >500 To 1000, Deduct	*-175.58*	
		For >1000, Deduct	*-222.35*	
26 56 19 00-0037	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,093.66	158.15
		For >50 To 100, Deduct	*-54.68*	
		For >100 To 250, Deduct	*-82.02*	
		For >250 To 500, Deduct	*-128.80*	
		For >500 To 1000, Deduct	*-175.58*	
		For >1000, Deduct	*-222.35*	
26 56 19 00-0038		LED Roadway Lighting (Lithonia) *(26 56 19 00-0029)*		
26 56 19 00-0039		Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0038)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0040	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,188.93	149.60
		For >50 To 100, Deduct	*-109.45*	
		For >100 To 250, Deduct	*-164.17*	
		For >250 To 500, Deduct	*-266.14*	
		For >500 To 1000, Deduct	*-368.10*	
		For >1000, Deduct	*-470.07*	
26 56 19 00-0041	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	3,623.03	153.87
		For >50 To 100, Deduct	*-181.15*	
		For >100 To 250, Deduct	*-271.73*	
		For >250 To 500, Deduct	*-445.19*	
		For >500 To 1000, Deduct	*-618.64*	
		For >1000, Deduct	*-792.10*	
26 56 19 00-0042		LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0029)*		
26 56 19 00-0043		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0042)* Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		
26 56 19 00-0044	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	777.52	145.32
		For >50 To 100, Deduct	*-38.88*	
		For >100 To 250, Deduct	*-58.31*	
		For >250 To 500, Deduct	*-89.92*	
		For >500 To 1000, Deduct	*-121.53*	
		For >1000, Deduct	*-153.14*	
26 56 19 00-0045	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	868.64	149.60
		For >50 To 100, Deduct	*-43.43*	
		For >100 To 250, Deduct	*-65.15*	
		For >250 To 500, Deduct	*-101.10*	
		For >500 To 1000, Deduct	*-137.05*	
		For >1000, Deduct	*-173.00*	
26 56 19 00-0046	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	978.25	153.87
		For >50 To 100, Deduct	*-48.91*	
		For >100 To 250, Deduct	*-73.37*	
		For >250 To 500, Deduct	*-114.59*	
		For >500 To 1000, Deduct	*-155.81*	
		For >1000, Deduct	*-197.03*	
26 56 19 00-0047	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,070.80	158.15
		For >50 To 100, Deduct	*-53.54*	
		For >100 To 250, Deduct	*-80.31*	
		For >250 To 500, Deduct	*-125.94*	
		For >500 To 1000, Deduct	*-171.58*	
		For >1000, Deduct	*-217.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0048	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,163.34	162.42
		For >50 To 100, Deduct	*-58.17*	
		For >100 To 250, Deduct	*-87.25*	
		For >250 To 500, Deduct	*-137.30*	
		For >500 To 1000, Deduct	*-187.34*	
		For >1000, Deduct	*-237.39*	
26 56 19 00-0049	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,381.16	166.69
		For >50 To 100, Deduct	*-69.06*	
		For >100 To 250, Deduct	*-103.59*	
		For >250 To 500, Deduct	*-164.31*	
		For >500 To 1000, Deduct	*-225.03*	
		For >1000, Deduct	*-285.76*	
26 56 19 00-0050	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,473.70	170.97
		For >50 To 100, Deduct	*-73.69*	
		For >100 To 250, Deduct	*-110.53*	
		For >250 To 500, Deduct	*-175.66*	
		For >500 To 1000, Deduct	*-240.80*	
		For >1000, Deduct	*-305.94*	
26 56 19 00-0051	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,564.81	175.24
		For >50 To 100, Deduct	*-78.24*	
		For >100 To 250, Deduct	*-117.36*	
		For >250 To 500, Deduct	*-186.84*	
		For >500 To 1000, Deduct	*-256.32*	
		For >1000, Deduct	*-325.80*	
26 56 19 00-0052	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,741.35	179.52
		For >50 To 100, Deduct	*-87.07*	
		For >100 To 250, Deduct	*-130.60*	
		For >250 To 500, Deduct	*-208.69*	
		For >500 To 1000, Deduct	*-286.78*	
		For >1000, Deduct	*-364.88*	
26 56 19 00-0053	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,833.89	183.79
		For >50 To 100, Deduct	*-91.69*	
		For >100 To 250, Deduct	*-137.54*	
		For >250 To 500, Deduct	*-220.05*	
		For >500 To 1000, Deduct	*-302.55*	
		For >1000, Deduct	*-385.06*	
26 56 19 00-0054	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,926.43	188.07
		For >50 To 100, Deduct	*-96.32*	
		For >100 To 250, Deduct	*-144.48*	
		For >250 To 500, Deduct	*-231.40*	
		For >500 To 1000, Deduct	*-318.32*	
		For >1000, Deduct	*-405.24*	

26 56 19 00-0055 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG)

(26 56 19 00-0042)

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0056	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,497.86	153.87
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-74.89*	
		For >100 To 250, Deduct	*-112.34*	
		For >250 To 500, Deduct	*-179.54*	
		For >500 To 1000, Deduct	*-246.74*	
		For >1000, Deduct	*-313.94*	
26 56 19 00-0057	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,724.24	162.42
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-86.21*	
		For >100 To 250, Deduct	*-129.32*	
		For >250 To 500, Deduct	*-207.41*	
		For >500 To 1000, Deduct	*-285.50*	
		For >1000, Deduct	*-363.59*	
26 56 19 00-0058	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,950.61	170.97
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-97.53*	
		For >100 To 250, Deduct	*-146.30*	
		For >250 To 500, Deduct	*-235.28*	
		For >500 To 1000, Deduct	*-324.26*	
		For >1000, Deduct	*-413.24*	
26 56 19 00-0059	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,176.96	179.52
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-108.85*	
		For >100 To 250, Deduct	*-163.27*	
		For >250 To 500, Deduct	*-263.14*	
		For >500 To 1000, Deduct	*-363.02*	
		For >1000, Deduct	*-462.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0060	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,847.49	188.07
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-142.37*	
		For >100 To 250, Deduct	*-213.56*	
		For >250 To 500, Deduct	*-346.53*	
		For >500 To 1000, Deduct	*-479.50*	
		For >1000, Deduct	*-612.47*	
26 56 19 00-0061	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,073.85	196.62
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-153.69*	
		For >100 To 250, Deduct	*-230.54*	
		For >250 To 500, Deduct	*-374.40*	
		For >500 To 1000, Deduct	*-518.26*	
		For >1000, Deduct	*-662.12*	
26 56 19 00-0062	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,300.22	205.17
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-165.01*	
		For >100 To 250, Deduct	*-247.52*	
		For >250 To 500, Deduct	*-402.27*	
		For >500 To 1000, Deduct	*-557.02*	
		For >1000, Deduct	*-711.77*	

26 56 19 00-0063 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0042)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0064	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	658.57	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Backlight Control Shield, Add	*31.26*	
		For Field Adjustable Output, Add	*25.19*	
		For Bird Spikes, Add	*47.12*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Fuse, Add	*50.37*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.63*	
		For >500 To 1000, Deduct	*-99.86*	
		For >1000, Deduct	*-125.10*	
26 56 19 00-0065	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	658.57	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Backlight Control Shield, Add	*31.26*	
		For Field Adjustable Output, Add	*25.19*	
		For Bird Spikes, Add	*47.12*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Fuse, Add	*50.37*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.63*	
		For >500 To 1000, Deduct	*-99.86*	
		For >1000, Deduct	*-125.10*	
26 56 19 00-0066	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	722.03	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Backlight Control Shield, Add	*31.26*	
		For Field Adjustable Output, Add	*25.19*	
		For Bird Spikes, Add	*47.12*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For >50 To 100, Deduct	*-36.10*	
		For >100 To 250, Deduct	*-54.15*	
		For >250 To 500, Deduct	*-82.56*	
		For >500 To 1000, Deduct	*-110.97*	
		For >1000, Deduct	*-139.38*	
26 56 19 00-0067	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	722.03	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Backlight Control Shield, Add	*31.26*	
		For Field Adjustable Output, Add	*25.19*	
		For Bird Spikes, Add	*47.12*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For >50 To 100, Deduct	*-36.10*	
		For >100 To 250, Deduct	*-54.15*	
		For >250 To 500, Deduct	*-82.56*	
		For >500 To 1000, Deduct	*-110.97*	
		For >1000, Deduct	*-139.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0068	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	834.85	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*43.59*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Fuse, Add	*50.37*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For Bird Spikes, Add	*75.34*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-41.74*	
		For >100 To 250, Deduct	*-62.61*	
		For >250 To 500, Deduct	*-96.66*	
		For >500 To 1000, Deduct	*-130.71*	
		For >1000, Deduct	*-164.76*	
26 56 19 00-0069	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	834.85	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*43.59*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Fuse, Add	*50.37*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For Bird Spikes, Add	*75.34*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For >50 To 100, Deduct	*-41.74*	
		For >100 To 250, Deduct	*-62.61*	
		For >250 To 500, Deduct	*-96.66*	
		For >500 To 1000, Deduct	*-130.71*	
		For >1000, Deduct	*-164.76*	
26 56 19 00-0070	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	940.64	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*43.59*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For Bird Spikes, Add	*75.34*	
		For 480 Volt, Add	*75.56*	
		For >50 To 100, Deduct	*-47.03*	
		For >100 To 250, Deduct	*-70.55*	
		For >250 To 500, Deduct	*-109.89*	
		For >500 To 1000, Deduct	*-149.23*	
		For >1000, Deduct	*-188.56*	
26 56 19 00-0071	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	940.64	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*43.59*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For Bird Spikes, Add	*75.34*	
		For 480 Volt, Add	*75.56*	
		For >50 To 100, Deduct	*-47.03*	
		For >100 To 250, Deduct	*-70.55*	
		For >250 To 500, Deduct	*-109.89*	
		For >500 To 1000, Deduct	*-149.23*	
		For >1000, Deduct	*-188.56*	
26 56 19 00-0072	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	545.74	153.87
		For Utility Label, Add	*8.39*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*25.19*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-27.29*	
		For >100 To 250, Deduct	*-40.93*	
		For >250 To 500, Deduct	*-60.52*	
		For >500 To 1000, Deduct	*-80.12*	
		For >1000, Deduct	*-99.71*	
26 56 19 00-0073	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	545.74	153.87
		For Utility Label, Add	*8.39*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*25.19*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-27.29*	
		For >100 To 250, Deduct	*-40.93*	
		For >250 To 500, Deduct	*-60.52*	
		For >500 To 1000, Deduct	*-80.12*	
		For >1000, Deduct	*-99.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0074	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	572.19	153.87
		For Utility Label, Add	*8.39*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*25.19*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-28.61*	
		For >100 To 250, Deduct	*-42.91*	
		For >250 To 500, Deduct	*-63.83*	
		For >500 To 1000, Deduct	*-84.75*	
		For >1000, Deduct	*-105.66*	
26 56 19 00-0075	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	572.19	153.87
		For Utility Label, Add	*8.39*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*25.19*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-28.61*	
		For >100 To 250, Deduct	*-42.91*	
		For >250 To 500, Deduct	*-63.83*	
		For >500 To 1000, Deduct	*-84.75*	
		For >1000, Deduct	*-105.66*	
26 56 19 00-0076	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	581.00	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-43.58*	
		For >250 To 500, Deduct	*-64.93*	
		For >500 To 1000, Deduct	*-86.29*	
		For >1000, Deduct	*-107.64*	
26 56 19 00-0077	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	581.00	153.87
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Field Adjustable Output, Add	*25.19*	
		For Field Adjustable Output And Utility Label, Add	*33.58*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-43.58*	
		For >250 To 500, Deduct	*-64.93*	
		For >500 To 1000, Deduct	*-86.29*	
		For >1000, Deduct	*-107.64*	

26 56 19 00-0078 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0042)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0079	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	563.37	153.87
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*57.37*	
		For Bird Spikes, Add	*75.83*	
		For >50 To 100, Deduct	*-28.17*	
		For >100 To 250, Deduct	*-42.25*	
		For >250 To 500, Deduct	*-62.73*	
		For >500 To 1000, Deduct	*-83.20*	
		For >1000, Deduct	*-103.68*	
26 56 19 00-0080	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	563.37	153.87
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*57.37*	
		For Bird Spikes, Add	*75.83*	
		For >50 To 100, Deduct	*-28.17*	
		For >100 To 250, Deduct	*-42.25*	
		For >250 To 500, Deduct	*-62.73*	
		For >500 To 1000, Deduct	*-83.20*	
		For >1000, Deduct	*-103.68*	
26 56 19 00-0081	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	581.00	153.87
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*57.37*	
		For Bird Spikes, Add	*75.83*	
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-43.58*	
		For >250 To 500, Deduct	*-64.93*	
		For >500 To 1000, Deduct	*-86.29*	
		For >1000, Deduct	*-107.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0082	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	581.00	153.87
		For Field Adjustable Output, Add	*25.19*	
		For Backlight Control Shield, Add	*57.37*	
		For Bird Spikes, Add	*75.83*	
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-43.58*	
		For >250 To 500, Deduct	*-64.93*	
		For >500 To 1000, Deduct	*-86.29*	
		For >1000, Deduct	*-107.64*	
26 56 19 00-0083		LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0029)*		
26 56 19 00-0084		Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0083)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0085	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	957.58	153.87
		For >50 To 100, Deduct	*-47.88*	
		For >100 To 250, Deduct	*-71.82*	
		For >250 To 500, Deduct	*-112.00*	
		For >500 To 1000, Deduct	*-152.19*	
		For >1000, Deduct	*-192.38*	
26 56 19 00-0086	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,299.47	170.97
		For >50 To 100, Deduct	*-64.97*	
		For >100 To 250, Deduct	*-97.46*	
		For >250 To 500, Deduct	*-153.89*	
		For >500 To 1000, Deduct	*-210.31*	
		For >1000, Deduct	*-266.73*	
26 56 19 00-0087	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,393.32	196.62
		For >50 To 100, Deduct	*-69.67*	
		For >100 To 250, Deduct	*-104.50*	
		For >250 To 500, Deduct	*-164.33*	
		For >500 To 1000, Deduct	*-224.17*	
		For >1000, Deduct	*-284.00*	
26 56 19 00-0088	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,076.36	213.72
		For >50 To 100, Deduct	*-103.82*	
		For >100 To 250, Deduct	*-155.73*	
		For >250 To 500, Deduct	*-248.86*	
		For >500 To 1000, Deduct	*-341.99*	
		For >1000, Deduct	*-435.12*	
26 56 19 00-0089	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,724.77	243.31
		For >50 To 100, Deduct	*-136.24*	
		For >100 To 250, Deduct	*-204.36*	
		For >250 To 500, Deduct	*-328.43*	
		For >500 To 1000, Deduct	*-452.50*	
		For >1000, Deduct	*-576.58*	
26 56 19 00-0090		LED Roadway Lighting (PlanLED) *(26 56 19 00-0029)*		
26 56 19 00-0091		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0090)*		
		Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0092	EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,153.18	149.60
		For >50 To 100, Deduct	*-57.66*	
		For >100 To 250, Deduct	*-86.49*	
		For >250 To 500, Deduct	*-136.67*	
		For >500 To 1000, Deduct	*-186.85*	
		For >1000, Deduct	*-237.03*	
26 56 19 00-0093	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,254.85	151.24
		For >50 To 100, Deduct	*-62.74*	
		For >100 To 250, Deduct	*-94.11*	
		For >250 To 500, Deduct	*-149.29*	
		For >500 To 1000, Deduct	*-204.47*	
		For >1000, Deduct	*-259.66*	
26 56 19 00-0094	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,334.88	153.87
		For >50 To 100, Deduct	*-66.74*	
		For >100 To 250, Deduct	*-100.12*	
		For >250 To 500, Deduct	*-159.17*	
		For >500 To 1000, Deduct	*-218.22*	
		For >1000, Deduct	*-277.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0095		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA)** *(26 56 19 00-0090)* Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0096	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	758.30	145.98
		For >50 To 100, Deduct	*-37.92*	
		For >100 To 250, Deduct	*-56.87*	
		For >250 To 500, Deduct	*-87.49*	
		For >500 To 1000, Deduct	*-118.10*	
		For >1000, Deduct	*-148.72*	
26 56 19 00-0097	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	812.76	148.61
		For >50 To 100, Deduct	*-40.64*	
		For >100 To 250, Deduct	*-60.96*	
		For >250 To 500, Deduct	*-94.16*	
		For >500 To 1000, Deduct	*-127.37*	
		For >1000, Deduct	*-160.58*	
26 56 19 00-0098	EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	898.69	151.24
		For >50 To 100, Deduct	*-44.93*	
		For >100 To 250, Deduct	*-67.40*	
		For >250 To 500, Deduct	*-104.77*	
		For >500 To 1000, Deduct	*-142.15*	
		For >1000, Deduct	*-179.52*	
26 56 19 00-0099		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META)** *(26 56 19 00-0090)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0100	EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	955.76	151.24
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*84.28*	
		For >50 To 100, Deduct	*-47.79*	
		For >100 To 250, Deduct	*-71.68*	
		For >250 To 500, Deduct	*-111.91*	
		For >500 To 1000, Deduct	*-152.13*	
		For >1000, Deduct	*-192.36*	
26 56 19 00-0101	EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,060.71	152.56
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*24.89*	
		For >50 To 100, Deduct	*-53.04*	
		For >100 To 250, Deduct	*-79.55*	
		For >250 To 500, Deduct	*-124.96*	
		For >500 To 1000, Deduct	*-170.37*	
		For >1000, Deduct	*-215.78*	
26 56 19 00-0102	EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,142.04	153.87
		For 0 To 10 Volt Dimming, Add	*84.28*	
		For 480 Volt, Add	*106.24*	
		For >50 To 100, Deduct	*-57.10*	
		For >100 To 250, Deduct	*-85.65*	
		For >250 To 500, Deduct	*-135.06*	
		For >500 To 1000, Deduct	*-184.47*	
		For >1000, Deduct	*-233.88*	
26 56 19 00-0103		**LED Roadway Lighting (General Electric)** *(26 56 19 00-0029)*		
26 56 19 00-0104		**Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric)** *(26 56 19 00-0103)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	578.09	145.32
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-28.90*	
		For >100 To 250, Deduct	*-43.36*	
		For >250 To 500, Deduct	*-65.00*	
		For >500 To 1000, Deduct	*-86.63*	
		For >1000, Deduct	*-108.27*	
26 56 19 00-0106	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	582.03	147.30
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-29.10*	
		For >100 To 250, Deduct	*-43.65*	
		For >250 To 500, Deduct	*-65.39*	
		For >500 To 1000, Deduct	*-87.13*	
		For >1000, Deduct	*-108.86*	
26 56 19 00-0107	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	606.53	149.60
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-30.33*	
		For >100 To 250, Deduct	*-45.49*	
		For >250 To 500, Deduct	*-68.34*	
		For >500 To 1000, Deduct	*-91.18*	
		For >1000, Deduct	*-114.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0108	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	631.50	151.24
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-31.58*	
		For >100 To 250, Deduct	*-47.36*	
		For >250 To 500, Deduct	*-71.38*	
		For >500 To 1000, Deduct	*-95.39*	
		For >1000, Deduct	*-119.40*	
26 56 19 00-0109	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	697.74	154.53
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-34.89*	
		For >100 To 250, Deduct	*-52.33*	
		For >250 To 500, Deduct	*-79.49*	
		For >500 To 1000, Deduct	*-106.65*	
		For >1000, Deduct	*-133.81*	
26 56 19 00-0110	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	732.92	155.85
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-36.65*	
		For >100 To 250, Deduct	*-54.97*	
		For >250 To 500, Deduct	*-83.82*	
		For >500 To 1000, Deduct	*-112.68*	
		For >1000, Deduct	*-141.53*	
26 56 19 00-0111	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	798.98	158.15
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-39.95*	
		For >100 To 250, Deduct	*-59.92*	
		For >250 To 500, Deduct	*-91.97*	
		For >500 To 1000, Deduct	*-124.01*	
		For >1000, Deduct	*-156.05*	
26 56 19 00-0112	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	939.50	162.42
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-46.98*	
		For >100 To 250, Deduct	*-70.46*	
		For >250 To 500, Deduct	*-109.32*	
		For >500 To 1000, Deduct	*-148.17*	
		For >1000, Deduct	*-187.02*	
26 56 19 00-0113	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,101.23	170.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-55.06*	
		For >100 To 250, Deduct	*-82.59*	
		For >250 To 500, Deduct	*-129.11*	
		For >500 To 1000, Deduct	*-175.62*	
		For >1000, Deduct	*-222.13*	

26 56 19 00-0114 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0029)*

26 56 19 00-0115 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0114)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

26 56 19 00-0116	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,116.97	149.60
		For >50 To 100, Deduct	*-55.85*	
		For >100 To 250, Deduct	*-83.77*	
		For >250 To 500, Deduct	*-132.14*	
		For >500 To 1000, Deduct	*-180.51*	
		For >1000, Deduct	*-228.88*	
26 56 19 00-0117	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,387.75	153.87
		For >50 To 100, Deduct	*-69.39*	
		For >100 To 250, Deduct	*-104.08*	
		For >250 To 500, Deduct	*-165.78*	
		For >500 To 1000, Deduct	*-227.47*	
		For >1000, Deduct	*-289.16*	
26 56 19 00-0118	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	1,936.45	158.15
		For >50 To 100, Deduct	*-96.82*	
		For >100 To 250, Deduct	*-145.23*	
		For >250 To 500, Deduct	*-234.15*	
		For >500 To 1000, Deduct	*-323.06*	
		For >1000, Deduct	*-411.98*	
26 56 19 00-0119	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,488.94	164.39
		For >50 To 100, Deduct	*-124.45*	
		For >100 To 250, Deduct	*-186.67*	
		For >250 To 500, Deduct	*-302.90*	
		For >500 To 1000, Deduct	*-419.12*	
		For >1000, Deduct	*-535.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0120	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,028.92	169.00
		For >50 To 100, Deduct	*-151.45*	
		For >100 To 250, Deduct	*-227.17*	
		For >250 To 500, Deduct	*-370.17*	
		For >500 To 1000, Deduct	*-513.16*	
		For >1000, Deduct	*-656.16*	
26 56 19 00-0121		LED Roadway Lighting (Leotek) *(26 56 19 00-0029)*		
26 56 19 00-0122		Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0121)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56 19 00-0123	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	591.52	149.60
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-29.58*	
		For >100 To 250, Deduct	*-44.36*	
		For >250 To 500, Deduct	*-66.46*	
		For >500 To 1000, Deduct	*-88.56*	
		For >1000, Deduct	*-110.65*	
26 56 19 00-0124	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	604.29	151.24
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-30.21*	
		For >100 To 250, Deduct	*-45.32*	
		For >250 To 500, Deduct	*-67.97*	
		For >500 To 1000, Deduct	*-90.63*	
		For >1000, Deduct	*-113.28*	
26 56 19 00-0125	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	644.24	152.23
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-32.21*	
		For >100 To 250, Deduct	*-48.32*	
		For >250 To 500, Deduct	*-72.92*	
		For >500 To 1000, Deduct	*-97.52*	
		For >1000, Deduct	*-122.12*	
26 56 19 00-0126	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	747.19	158.15
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-37.36*	
		For >100 To 250, Deduct	*-56.04*	
		For >250 To 500, Deduct	*-85.49*	
		For >500 To 1000, Deduct	*-114.94*	
		For >1000, Deduct	*-144.40*	
26 56 19 00-0127	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	873.43	162.42
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-43.67*	
		For >100 To 250, Deduct	*-65.51*	
		For >250 To 500, Deduct	*-101.06*	
		For >500 To 1000, Deduct	*-136.61*	
		For >1000, Deduct	*-172.16*	
26 56 19 00-0128	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	878.69	165.05
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-43.93*	
		For >100 To 250, Deduct	*-65.90*	
		For >250 To 500, Deduct	*-101.58*	
		For >500 To 1000, Deduct	*-137.27*	
		For >1000, Deduct	*-172.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0129	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,075.66	167.68
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-53.78*	
		For >100 To 250, Deduct	*-80.67*	
		For >250 To 500, Deduct	*-126.07*	
		For >500 To 1000, Deduct	*-171.47*	
		For >1000, Deduct	*-216.87*	
26 56 19 00-0130	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,127.80	170.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-56.39*	
		For >100 To 250, Deduct	*-84.59*	
		For >250 To 500, Deduct	*-132.43*	
		For >500 To 1000, Deduct	*-180.27*	
		For >1000, Deduct	*-228.11*	
26 56 19 00-0131	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,258.34	173.60
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-62.92*	
		For >100 To 250, Deduct	*-94.38*	
		For >250 To 500, Deduct	*-148.61*	
		For >500 To 1000, Deduct	*-202.85*	
		For >1000, Deduct	*-257.09*	
26 56 19 00-0132	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,349.02	176.23
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-67.45*	
		For >100 To 250, Deduct	*-101.18*	
		For >250 To 500, Deduct	*-159.82*	
		For >500 To 1000, Deduct	*-218.46*	
		For >1000, Deduct	*-277.09*	
26 56 19 00-0133	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	684.02	151.24
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-34.20*	
		For >100 To 250, Deduct	*-51.30*	
		For >250 To 500, Deduct	*-77.94*	
		For >500 To 1000, Deduct	*-104.58*	
		For >1000, Deduct	*-131.22*	
26 56 19 00-0134	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	750.77	155.19
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-37.54*	
		For >100 To 250, Deduct	*-56.31*	
		For >250 To 500, Deduct	*-86.09*	
		For >500 To 1000, Deduct	*-115.87*	
		For >1000, Deduct	*-145.64*	
26 56 19 00-0135	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	809.83	158.15
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-40.49*	
		For >100 To 250, Deduct	*-60.74*	
		For >250 To 500, Deduct	*-93.32*	
		For >500 To 1000, Deduct	*-125.91*	
		For >1000, Deduct	*-158.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0136	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	860.73	161.76
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-43.04*	
		For >100 To 250, Deduct	*-64.55*	
		For >250 To 500, Deduct	*-99.50*	
		For >500 To 1000, Deduct	*-134.45*	
		For >1000, Deduct	*-169.40*	
26 56 19 00-0137	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	912.71	163.08
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-45.64*	
		For >100 To 250, Deduct	*-68.45*	
		For >250 To 500, Deduct	*-105.93*	
		For >500 To 1000, Deduct	*-143.42*	
		For >1000, Deduct	*-180.90*	
26 56 19 00-0138	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,085.89	169.00
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-54.29*	
		For >100 To 250, Deduct	*-81.44*	
		For >250 To 500, Deduct	*-127.29*	
		For >500 To 1000, Deduct	*-173.13*	
		For >1000, Deduct	*-218.98*	
26 56 19 00-0139	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,227.24	172.28
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-61.36*	
		For >100 To 250, Deduct	*-92.04*	
		For >250 To 500, Deduct	*-144.79*	
		For >500 To 1000, Deduct	*-197.54*	
		For >1000, Deduct	*-250.29*	
26 56 19 00-0140	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,304.48	172.94
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-65.22*	
		For >100 To 250, Deduct	*-97.84*	
		For >250 To 500, Deduct	*-154.41*	
		For >500 To 1000, Deduct	*-210.99*	
		For >1000, Deduct	*-267.57*	
26 56 19 00-0141	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,378.66	174.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-68.93*	
		For >100 To 250, Deduct	*-103.40*	
		For >250 To 500, Deduct	*-163.59*	
		For >500 To 1000, Deduct	*-223.77*	
		For >1000, Deduct	*-283.96*	
26 56 19 00-0142	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	734.42	165.05
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-36.72*	
		For >100 To 250, Deduct	*-55.08*	
		For >250 To 500, Deduct	*-83.55*	
		For >500 To 1000, Deduct	*-112.02*	
		For >1000, Deduct	*-140.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0143	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	794.66	166.69
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-39.73*	
		For >100 To 250, Deduct	*-59.60*	
		For >250 To 500, Deduct	*-91.00*	
		For >500 To 1000, Deduct	*-122.40*	
		For >1000, Deduct	*-153.79*	
26 56 19 00-0144	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	565.68	150.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-28.28*	
		For >100 To 250, Deduct	*-42.43*	
		For >250 To 500, Deduct	*-63.16*	
		For >500 To 1000, Deduct	*-83.90*	
		For >1000, Deduct	*-104.64*	
26 56 19 00-0145	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	575.90	152.23
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-28.80*	
		For >100 To 250, Deduct	*-43.19*	
		For >250 To 500, Deduct	*-64.38*	
		For >500 To 1000, Deduct	*-85.56*	
		For >1000, Deduct	*-106.74*	
26 56 19 00-0146	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	625.49	155.19
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-31.27*	
		For >100 To 250, Deduct	*-46.91*	
		For >250 To 500, Deduct	*-70.43*	
		For >500 To 1000, Deduct	*-93.94*	
		For >1000, Deduct	*-117.46*	
26 56 19 00-0147	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	959.87	167.68
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-47.99*	
		For >100 To 250, Deduct	*-71.99*	
		For >250 To 500, Deduct	*-111.60*	
		For >500 To 1000, Deduct	*-151.21*	
		For >1000, Deduct	*-190.82*	
26 56 19 00-0148	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,251.33	172.94
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-62.57*	
		For >100 To 250, Deduct	*-93.85*	
		For >250 To 500, Deduct	*-147.77*	
		For >500 To 1000, Deduct	*-201.69*	
		For >1000, Deduct	*-255.61*	
26 56 19 00-0149	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,115.98	173.60
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-55.80*	
		For >100 To 250, Deduct	*-83.70*	
		For >250 To 500, Deduct	*-130.82*	
		For >500 To 1000, Deduct	*-177.94*	
		For >1000, Deduct	*-225.05*	
26 56 19 00-0150	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	543.55	151.24
		For Twist Lock Shorting Cap, Add	*9.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.12*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*48.52*	
		For >50 To 100, Deduct	*-27.18*	
		For >100 To 250, Deduct	*-40.77*	
		For >250 To 500, Deduct	*-60.38*	
		For >500 To 1000, Deduct	*-80.00*	
		For >1000, Deduct	*-99.61*	

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0151			LED, Area Fixtures *(26 56 19)*		
26 56 19 00-0152			Pole Mount, LED Area Fixtures *(26 56 19 00-0151)*		
26 56 19 00-0153			Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0152)*		
			Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0154		EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,482.88	111.79
			For >50 To 100, Deduct	*-124.14*	
			For >100 To 250, Deduct	*-186.22*	
			For >250 To 500, Deduct	*-304.77*	
			For >500 To 1000, Deduct	*-423.33*	
			For >1000, Deduct	*-541.88*	
26 56 19 00-0155		EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,676.78	118.37
			For >50 To 100, Deduct	*-133.84*	
			For >100 To 250, Deduct	*-200.76*	
			For >250 To 500, Deduct	*-328.68*	
			For >500 To 1000, Deduct	*-456.60*	
			For >1000, Deduct	*-584.52*	
26 56 19 00-0156		EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,883.82	131.52
			For >50 To 100, Deduct	*-144.19*	
			For >100 To 250, Deduct	*-216.29*	
			For >250 To 500, Deduct	*-353.90*	
			For >500 To 1000, Deduct	*-491.52*	
			For >1000, Deduct	*-629.13*	
26 56 19 00-0157		EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,896.97	138.09
			For >50 To 100, Deduct	*-144.85*	
			For >100 To 250, Deduct	*-217.27*	
			For >250 To 500, Deduct	*-355.22*	
			For >500 To 1000, Deduct	*-493.16*	
			For >1000, Deduct	*-631.10*	
26 56 19 00-0158			Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0152)*		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 19 00-0159		EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,107.97	118.37
			For Backlight Shielding, Add	*19.93*	
			For Type II Medium Optic, Add	*35.77*	
			For 480 Volt, Add	*99.79*	
			For Multi-Level Drive Currents, Add	*199.30*	
			For >50 To 100, Deduct	*-55.40*	
			For >100 To 250, Deduct	*-83.10*	
			For >250 To 500, Deduct	*-132.58*	
			For >500 To 1000, Deduct	*-182.06*	
			For >1000, Deduct	*-231.54*	
26 56 19 00-0160		EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,330.38	124.94
			For Backlight Shielding, Add	*19.93*	
			For Type II Medium Optic, Add	*36.42*	
			For 480 Volt, Add	*99.79*	
			For Multi-Level Drive Currents, Add	*199.30*	
			For >50 To 100, Deduct	*-66.52*	
			For >100 To 250, Deduct	*-99.78*	
			For >250 To 500, Deduct	*-160.05*	
			For >500 To 1000, Deduct	*-220.32*	
			For >1000, Deduct	*-280.59*	
26 56 19 00-0161		EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,636.79	131.52
			For Backlight Shielding, Add	*19.93*	
			For Type II Medium Optic, Add	*37.08*	
			For 480 Volt, Add	*99.79*	
			For Multi-Level Drive Currents, Add	*199.30*	
			For >50 To 100, Deduct	*-81.84*	
			For >100 To 250, Deduct	*-122.76*	
			For >250 To 500, Deduct	*-198.02*	
			For >500 To 1000, Deduct	*-273.29*	
			For >1000, Deduct	*-348.55*	
26 56 19 00-0162		EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,859.21	138.09
			For Backlight Shielding, Add	*19.93*	
			For Type II Medium Optic, Add	*37.74*	
			For 480 Volt, Add	*99.79*	
			For Multi-Level Drive Currents, Add	*199.30*	
			For >50 To 100, Deduct	*-92.96*	
			For >100 To 250, Deduct	*-139.44*	
			For >250 To 500, Deduct	*-225.50*	
			For >500 To 1000, Deduct	*-311.55*	
			For >1000, Deduct	*-397.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0163	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,081.63	144.67
		For Backlight Shielding, Add	*19.93*	
		For Type II Medium Optic, Add	*38.40*	
		For 480 Volt, Add	*99.79*	
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-104.08*	
		For >100 To 250, Deduct	*-156.12*	
		For >250 To 500, Deduct	*-252.97*	
		For >500 To 1000, Deduct	*-349.82*	
		For >1000, Deduct	*-446.67*	
26 56 19 00-0164	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,370.96	151.24
		For Backlight Shielding, Add	*19.93*	
		For Type II Medium Optic, Add	*39.05*	
		For 480 Volt, Add	*99.79*	
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-118.55*	
		For >100 To 250, Deduct	*-177.82*	
		For >250 To 500, Deduct	*-288.81*	
		For >500 To 1000, Deduct	*-399.79*	
		For >1000, Deduct	*-510.78*	
26 56 19 00-0165	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,593.39	157.82
		For Backlight Shielding, Add	*19.93*	
		For Type II Medium Optic, Add	*39.71*	
		For 480 Volt, Add	*99.79*	
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-129.67*	
		For >100 To 250, Deduct	*-194.50*	
		For >250 To 500, Deduct	*-316.28*	
		For >500 To 1000, Deduct	*-438.06*	
		For >1000, Deduct	*-559.84*	

26 56 19 00-0166 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0152)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0167	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	1,927.11	144.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For Bird Spikes, Add	*40.92*	
		For 5,000K Color Temperature, Add	*41.98*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For 480 Volt, Add	*75.56*	
		For Multi-Level, Add	*109.13*	
		For 1,000mA Driver, Add	*141.05*	
		For >50 To 100, Deduct	*-96.36*	
		For >100 To 250, Deduct	*-144.53*	
		For >250 To 500, Deduct	*-233.66*	
		For >500 To 1000, Deduct	*-322.78*	
		For >1000, Deduct	*-411.90*	
26 56 19 00-0168	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	3,226.97	177.54
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.78*	
		For 5,000K Color Temperature, Add	*41.98*	
		For Fuse, Add	*50.37*	
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For Bird Spikes, Add	*60.08*	
		For Multi-Level, Add	*109.13*	
		For 1,000mA Driver, Add	*141.04*	
		For 480 Volt, Add	*151.10*	
		For >50 To 100, Deduct	*-161.35*	
		For >100 To 250, Deduct	*-242.02*	
		For >250 To 500, Deduct	*-394.49*	
		For >500 To 1000, Deduct	*-546.96*	
		For >1000, Deduct	*-699.44*	

26 56 19 00-0169 Wall Mount, LED Area Fixtures *(26 56 19 00-0151)*

26 56 19 00-0170 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0169)*

Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0171	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,092.96	111.79
		For >50 To 100, Deduct	*-54.65*	
		For >100 To 250, Deduct	*-81.97*	
		For >250 To 500, Deduct	*-131.03*	
		For >500 To 1000, Deduct	*-180.09*	
		For >1000, Deduct	*-229.15*	
26 56 19 00-0172	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,119.26	124.94
		For >50 To 100, Deduct	*-55.96*	
		For >100 To 250, Deduct	*-83.94*	
		For >250 To 500, Deduct	*-133.66*	
		For >500 To 1000, Deduct	*-183.38*	
		For >1000, Deduct	*-233.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0173		Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0151)*		
26 56 19 00-0174		Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0173)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0175	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	982.69	118.37
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-49.13*	
		For >100 To 250, Deduct	*-73.70*	
		For >250 To 500, Deduct	*-116.92*	
		For >500 To 1000, Deduct	*-160.13*	
		For >1000, Deduct	*-203.35*	
26 56 19 00-0176	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,205.11	124.94
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-60.26*	
		For >100 To 250, Deduct	*-90.38*	
		For >250 To 500, Deduct	*-144.39*	
		For >500 To 1000, Deduct	*-198.40*	
		For >1000, Deduct	*-252.41*	
26 56 19 00-0177	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,427.53	131.52
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-71.38*	
		For >100 To 250, Deduct	*-107.06*	
		For >250 To 500, Deduct	*-171.87*	
		For >500 To 1000, Deduct	*-236.67*	
		For >1000, Deduct	*-301.47*	
26 56 19 00-0178	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,649.94	138.09
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-82.50*	
		For >100 To 250, Deduct	*-123.75*	
		For >250 To 500, Deduct	*-199.34*	
		For >500 To 1000, Deduct	*-274.93*	
		For >1000, Deduct	*-350.52*	
26 56 19 00-0179		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0173)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0180	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	948.53	118.37
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-47.43*	
		For >100 To 250, Deduct	*-71.14*	
		For >250 To 500, Deduct	*-112.65*	
		For >500 To 1000, Deduct	*-154.16*	
		For >1000, Deduct	*-195.66*	
26 56 19 00-0181	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,045.67	124.94
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-52.28*	
		For >100 To 250, Deduct	*-78.43*	
		For >250 To 500, Deduct	*-124.46*	
		For >500 To 1000, Deduct	*-170.50*	
		For >1000, Deduct	*-216.53*	
26 56 19 00-0182		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0173)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0183	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	939.20	118.37
		For >50 To 100, Deduct	*-46.96*	
		For >100 To 250, Deduct	*-70.44*	
		For >250 To 500, Deduct	*-111.48*	
		For >500 To 1000, Deduct	*-152.52*	
		For >1000, Deduct	*-193.57*	
26 56 19 00-0184		Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0173)*		
		Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0185	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,859.33	124.94
		For >50 To 100, Deduct	*-92.97*	
		For >100 To 250, Deduct	*-139.45*	
		For >250 To 500, Deduct	*-226.17*	
		For >500 To 1000, Deduct	*-312.89*	
		For >1000, Deduct	*-399.61*	
26 56 19 00-0186	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,885.63	138.09
		For >50 To 100, Deduct	*-94.28*	
		For >100 To 250, Deduct	*-141.42*	
		For >250 To 500, Deduct	*-228.80*	
		For >500 To 1000, Deduct	*-316.18*	
		For >1000, Deduct	*-403.55*	

26 56 19 00-0187 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0151)*

26 56 19 00-0188 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0187)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0189	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,133.59	118.37
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-56.68*	
		For >100 To 250, Deduct	*-85.02*	
		For >250 To 500, Deduct	*-135.78*	
		For >500 To 1000, Deduct	*-186.54*	
		For >1000, Deduct	*-237.30*	
26 56 19 00-0190	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,356.01	124.94
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-67.80*	
		For >100 To 250, Deduct	*-101.70*	
		For >250 To 500, Deduct	*-163.25*	
		For >500 To 1000, Deduct	*-224.81*	
		For >1000, Deduct	*-286.36*	
26 56 19 00-0191	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,578.43	131.52
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-78.92*	
		For >100 To 250, Deduct	*-118.38*	
		For >250 To 500, Deduct	*-190.73*	
		For >500 To 1000, Deduct	*-263.07*	
		For >1000, Deduct	*-335.42*	
26 56 19 00-0192	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,800.84	138.09
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-90.04*	
		For >100 To 250, Deduct	*-135.06*	
		For >250 To 500, Deduct	*-218.20*	
		For >500 To 1000, Deduct	*-301.34*	
		For >1000, Deduct	*-384.48*	
26 56 19 00-0193	EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,023.26	144.67
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-101.16*	
		For >100 To 250, Deduct	*-151.74*	
		For >250 To 500, Deduct	*-245.67*	
		For >500 To 1000, Deduct	*-339.60*	
		For >1000, Deduct	*-433.53*	
26 56 19 00-0194	EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,329.67	151.24
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-116.48*	
		For >100 To 250, Deduct	*-174.73*	
		For >250 To 500, Deduct	*-283.65*	
		For >500 To 1000, Deduct	*-392.57*	
		For >1000, Deduct	*-501.49*	
26 56 19 00-0195	EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,552.11	157.82
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-127.61*	
		For >100 To 250, Deduct	*-191.41*	
		For >250 To 500, Deduct	*-311.12*	
		For >500 To 1000, Deduct	*-430.84*	
		For >1000, Deduct	*-550.55*	
26 56 19 00-0196	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,996.95	170.97
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-149.85*	
		For >100 To 250, Deduct	*-224.77*	
		For >250 To 500, Deduct	*-366.07*	
		For >500 To 1000, Deduct	*-507.37*	
		For >1000, Deduct	*-648.67*	
26 56 19 00-0197	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,428.63	177.54
		For Multi-Level Drive Currents, Add	*199.30*	
		For >50 To 100, Deduct	*-171.43*	
		For >100 To 250, Deduct	*-257.15*	
		For >250 To 500, Deduct	*-419.70*	
		For >500 To 1000, Deduct	*-582.26*	
		For >1000, Deduct	*-744.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0198		**Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250)** *(26 56 19 00-0187)* Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0199	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	799.72	131.52
		For >50 To 100, Deduct	*-39.99*	
		For >100 To 250, Deduct	*-59.98*	
		For >250 To 500, Deduct	*-93.39*	
		For >500 To 1000, Deduct	*-126.80*	
		For >1000, Deduct	*-160.21*	
26 56 19 00-0200		**Recessed Mount, LED Soffit Fixtures** *(26 56 19 00-0151)*		
26 56 19 00-0201		**Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304)** *(26 56 19 00-0200)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0202	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	965.61	118.37
		For >50 To 100, Deduct	*-48.28*	
		For >100 To 250, Deduct	*-72.42*	
		For >250 To 500, Deduct	*-114.78*	
		For >500 To 1000, Deduct	*-157.15*	
		For >1000, Deduct	*-199.51*	
26 56 19 00-0203	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,062.75	124.94
		For >50 To 100, Deduct	*-53.14*	
		For >100 To 250, Deduct	*-79.71*	
		For >250 To 500, Deduct	*-126.60*	
		For >500 To 1000, Deduct	*-173.49*	
		For >1000, Deduct	*-220.38*	
26 56 19 00-0204		**Surface Mount, LED Area Fixtures** *(26 56 19 00-0151)*		
26 56 19 00-0205		**Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG)** *(26 56 19 00-0204)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0206	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	632.30	118.37
		For >50 To 100, Deduct	*-31.62*	
		For >100 To 250, Deduct	*-47.42*	
		For >250 To 500, Deduct	*-73.12*	
		For >500 To 1000, Deduct	*-98.82*	
		For >1000, Deduct	*-124.51*	
26 56 19 00-0207	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,356.43	118.37
		For >50 To 100, Deduct	*-67.82*	
		For >100 To 250, Deduct	*-101.73*	
		For >250 To 500, Deduct	*-163.64*	
		For >500 To 1000, Deduct	*-225.54*	
		For >1000, Deduct	*-287.44*	
26 56 19 00-0208	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,129.44	131.52
		For >50 To 100, Deduct	*-56.47*	
		For >100 To 250, Deduct	*-84.71*	
		For >250 To 500, Deduct	*-134.60*	
		For >500 To 1000, Deduct	*-184.50*	
		For >1000, Deduct	*-234.40*	
26 56 19 00-0209	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,396.80	131.52
		For >50 To 100, Deduct	*-69.84*	
		For >100 To 250, Deduct	*-104.76*	
		For >250 To 500, Deduct	*-168.02*	
		For >500 To 1000, Deduct	*-231.29*	
		For >1000, Deduct	*-294.55*	
26 56 19 00-0210		**Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®)** *(26 56 19 00-0204)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	202.63	41.53
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-10.13*	
		For >100 To 250, Deduct	*-15.20*	
		For >250 To 500, Deduct	*-23.60*	
		For >500 To 1000, Deduct	*-32.00*	
		For >1000, Deduct	*-40.40*	
26 56 19 00-0212	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	230.93	41.53
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-11.55*	
		For >100 To 250, Deduct	*-17.32*	
		For >250 To 500, Deduct	*-27.14*	
		For >500 To 1000, Deduct	*-36.95*	
		For >1000, Deduct	*-46.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0213	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	284.84	41.53
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-14.24*	
		For >100 To 250, Deduct	*-21.36*	
		For >250 To 500, Deduct	*-33.88*	
		For >500 To 1000, Deduct	*-46.39*	
		For >1000, Deduct	*-58.90*	
26 56 19 00-0214		Surface Mount, LED Facade Fixtures *(26 56 19 00-0151)*		
26 56 19 00-0215		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0214)*		
26 56 19 00-0216	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	704.76	48.47
		For >50 To 100, Deduct	*-35.24*	
		For >100 To 250, Deduct	*-52.86*	
		For >250 To 500, Deduct	*-86.25*	
		For >500 To 1000, Deduct	*-119.65*	
		For >1000, Deduct	*-153.04*	
26 56 19 00-0217	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,149.30	44.26
		For >50 To 100, Deduct	*-57.47*	
		For >100 To 250, Deduct	*-86.20*	
		For >250 To 500, Deduct	*-142.08*	
		For >500 To 1000, Deduct	*-197.97*	
		For >1000, Deduct	*-253.85*	
26 56 19 00-0218	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,468.23	36.88
		For >50 To 100, Deduct	*-73.41*	
		For >100 To 250, Deduct	*-110.12*	
		For >250 To 500, Deduct	*-182.21*	
		For >500 To 1000, Deduct	*-254.31*	
		For >1000, Deduct	*-326.40*	
26 56 19 00-0219	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,787.16	29.51
		For >50 To 100, Deduct	*-89.36*	
		For >100 To 250, Deduct	*-134.04*	
		For >250 To 500, Deduct	*-222.34*	
		For >500 To 1000, Deduct	*-310.65*	
		For >1000, Deduct	*-398.95*	
26 56 19 00-0220		Post Top, LED Area Fixtures *(26 56 19 00-0151)*		
26 56 19 00-0221		Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0220)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0222	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	1,981.03	180.83
		For >50 To 100, Deduct	*-99.05*	
		For >100 To 250, Deduct	*-148.58*	
		For >250 To 500, Deduct	*-238.59*	
		For >500 To 1000, Deduct	*-328.60*	
		For >1000, Deduct	*-418.61*	
26 56 19 00-0223	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,187.65	180.83
		For >50 To 100, Deduct	*-109.38*	
		For >100 To 250, Deduct	*-164.07*	
		For >250 To 500, Deduct	*-264.41*	
		For >500 To 1000, Deduct	*-364.76*	
		For >1000, Deduct	*-465.10*	
26 56 19 00-0224	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,350.98	180.83
		For >50 To 100, Deduct	*-117.55*	
		For >100 To 250, Deduct	*-176.32*	
		For >250 To 500, Deduct	*-284.83*	
		For >500 To 1000, Deduct	*-393.34*	
		For >1000, Deduct	*-501.85*	
26 56 19 00-0225		Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0220)*		
		Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0226	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,337.69	180.83
		For >50 To 100, Deduct	*-116.88*	
		For >100 To 250, Deduct	*-175.33*	
		For >250 To 500, Deduct	*-283.17*	
		For >500 To 1000, Deduct	*-391.01*	
		For >1000, Deduct	*-498.86*	
26 56 19 00-0227	EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,390.84	180.83
		For >50 To 100, Deduct	*-119.54*	
		For >100 To 250, Deduct	*-179.31*	
		For >250 To 500, Deduct	*-289.81*	
		For >500 To 1000, Deduct	*-400.31*	
		For >1000, Deduct	*-510.81*	
26 56 19 00-0228		Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0220)*		
		Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0229	EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,618.09	180.83
		For >50 To 100, Deduct	*-80.90*	
		For >100 To 250, Deduct	*-121.36*	
		For >250 To 500, Deduct	*-193.22*	
		For >500 To 1000, Deduct	*-265.08*	
		For >1000, Deduct	*-336.95*	
26 56 19 00-0230	EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,697.63	180.83
		For >50 To 100, Deduct	*-84.88*	
		For >100 To 250, Deduct	*-127.32*	
		For >250 To 500, Deduct	*-203.16*	
		For >500 To 1000, Deduct	*-279.00*	
		For >1000, Deduct	*-354.84*	

26 56 19 00-0231 Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0220)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0232	EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,256.53	180.83
		For >50 To 100, Deduct	*-62.83*	
		For >100 To 250, Deduct	*-94.24*	
		For >250 To 500, Deduct	*-148.02*	
		For >500 To 1000, Deduct	*-201.81*	
		For >1000, Deduct	*-255.59*	
26 56 19 00-0233	EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,336.07	180.83
		For >50 To 100, Deduct	*-66.80*	
		For >100 To 250, Deduct	*-100.21*	
		For >250 To 500, Deduct	*-157.97*	
		For >500 To 1000, Deduct	*-215.73*	
		For >1000, Deduct	*-273.49*	

26 56 19 00-0234 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0220)*

Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.

26 56 19 00-0235	EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	2,531.22	180.83
		For >50 To 100, Deduct	*-126.56*	
		For >100 To 250, Deduct	*-189.84*	
		For >250 To 500, Deduct	*-307.36*	
		For >500 To 1000, Deduct	*-424.88*	
		For >1000, Deduct	*-542.40*	

26 56 19 00-0236 LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0220)*

Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 56 19 00-0237	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	717.36	98.64
		For 0 To 10 Volt Dimming, Add	*50.37*	
		For >50 To 100, Deduct	*-35.87*	
		For >100 To 250, Deduct	*-53.80*	
		For >250 To 500, Deduct	*-84.74*	
		For >500 To 1000, Deduct	*-115.67*	
		For >1000, Deduct	*-146.61*	

26 56 19 00-0238 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0220)*

Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0378 for disposal of hazardous lamps.

26 56 19 00-0239	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	443.81	21.04
		For Backlight Control Shield, Add	*34.18*	
		For >50 To 100, Deduct	*-22.19*	
		For >100 To 250, Deduct	*-33.29*	
		For >250 To 500, Deduct	*-53.37*	
		For >500 To 1000, Deduct	*-73.46*	
		For >1000, Deduct	*-93.54*	

26 56 19 00-0240 Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0151)*

26 56 19 00-0241	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	487.32	38.56
		For >50 To 100, Deduct	*-24.37*	
		For >100 To 250, Deduct	*-36.55*	
		For >250 To 500, Deduct	*-59.47*	
		For >500 To 1000, Deduct	*-82.38*	
		For >1000, Deduct	*-105.30*	

26 56 21 HID Exterior Lighting *(26 56)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0001		**High Mast Fixtures** *(26 56 21)*		
26 56 21 00-0002		**Metal Halide, High Mast Fixtures** *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,729.93	162.89
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,847.46	162.89
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,834.66	186.10
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,905.18	186.10
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,931.96	232.62
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,002.48	232.62
26 56 21 00-0009		**High Pressure Sodium, High Mast Fixtures** *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	1,785.69	162.89
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,856.21	162.89
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,160.82	172.20
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,214.68	186.10
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,347.24	232.62
26 56 21 00-0015		**HID, Pole Mounted** *(26 56 21)*		
26 56 21 00-0016		**Metal Halide, Pole Mounted** *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	629.69	265.62
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	705.79	288.33
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	817.79	310.16
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,047.46	363.50
26 56 21 00-0021		**High Pressure Sodium, Pole Mounted** *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	759.47	310.16
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	781.33	310.16
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	817.14	310.16
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	910.37	310.16
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,050.93	310.16
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,014.71	310.16
26 56 21 00-0028		**Low Pressure Sodium, Pole Mounted** *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	646.45	168.73
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	720.11	248.12
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	839.17	248.12
26 56 21 00-0032		**Metal Halide, Area Fixtures** *(26 56 21)*		
26 56 21 00-0033		**Metal Halide, Pole Mount, Area Fixtures** *(26 56 21 00-0032)* Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,079.86	165.42
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,185.05	181.96
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,310.58	198.50
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,385.89	231.58
26 56 21 00-0038		**High Pressure Sodium, Area Fixtures** *(26 56 21)*		
26 56 21 00-0039		**Pole Mount, High Pressure Sodium Area Fixtures** *(26 56 21 00-0038)*		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	897.18	132.33
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	976.24	165.42
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,058.75	198.50
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,116.03	231.58
26 56 21 00-0044		**Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21)*		
26 56 21 00-0045		**Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	595.80	248.12
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	674.31	279.14
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	800.55	310.16
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,031.44	363.50
26 56 21 00-0050		**High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21 00-0044)*		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	565.50	212.15
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	612.77	225.79
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	658.84	238.20
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	681.26	248.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	754.19	279.14
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	813.04	310.16
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,129.01	363.50
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	567.50	167.48
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	595.18	186.10
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	643.70	212.15
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	665.37	225.79
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	687.06	238.20
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	718.69	248.12
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	784.83	279.14
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	930.26	310.16
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	628.03	186.10
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	670.92	212.15
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	698.65	225.79
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	729.43	238.20
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	745.43	248.12
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	812.50	279.14
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,006.33	310.16
26 56 21 00-0076		Wall Packs *(26 56 21)*		
26 56 21 00-0077		Non Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	342.98	57.66
26 56 21 00-0079	EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	367.95	57.66
26 56 21 00-0080	EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	367.95	57.66
26 56 21 00-0081	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	489.02	57.66
26 56 21 00-0082		Semi Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	684.45	57.66
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	693.43	57.66
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	701.20	57.66
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	687.03	57.66
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	628.77	57.66
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	596.76	57.66
26 56 21 00-0089		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	721.31	57.66
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	729.50	57.66
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	715.35	57.66
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	726.74	57.66
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	726.74	57.66
26 56 21 00-0095		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	684.85	76.82
26 56 21 00-0097	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	684.85	76.82
26 56 21 00-0098	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	641.00	76.82
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	657.81	76.82
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	657.81	76.82
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	609.19	76.82
26 56 21 00-0102		Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	710.83	76.82
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	710.83	76.82
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	710.83	76.82
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	685.04	76.82
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	685.04	76.82
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	685.04	76.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0109		Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	920.72	76.82
26 56 21 00-0111		Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	863.16	95.15
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	922.61	95.15
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	993.49	95.15
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,012.99	95.15
26 56 21 00-0116		Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	939.63	95.15
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,006.42	95.15
26 56 21 00-0119		Non Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	864.77	115.34
26 56 21 00-0121	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	794.03	115.34
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	848.40	115.34
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	853.81	115.34
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	859.49	115.34
26 56 21 00-0125		Non Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	864.79	115.34
26 56 21 00-0127	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	888.40	115.34
26 56 21 00-0128	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	959.14	115.34
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	911.98	115.34
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	935.59	115.34
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	982.71	115.34
26 56 21 00-0132		Semi Cutoff, Induction Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0133		Semi Cutoff, Induction Wall Packs (Everlast®) *(26 56 21 00-0132)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,127.98	111.79
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,151.20	118.37
26 56 21 00-0136	EA	100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,174.43	124.94
26 56 21 00-0137	EA	120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,308.50	131.52
26 56 21 00-0138		Non Cutoff, Polycarbonate Lens, Small Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	354.15	57.66
26 56 21 00-0140		Induction, Roadway Lighting *(26 56 21)*		
26 56 21 00-0141		Induction Roadway Lighting (US Lighting Tech) *(26 56 21 00-0140)*		
		Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	640.75	197.28
26 56 21 00-0143	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	702.17	203.85
26 56 21 00-0144	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	728.48	217.01
26 56 21 00-0145	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	754.78	230.16
26 56 21 00-0146	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	878.96	236.73
26 56 21 00-0147	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	895.97	243.31
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	600.20	197.28
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	667.41	203.85
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	693.72	217.01
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	720.02	230.16
26 56 21 00-0152		Induction, Area Fixtures *(26 56 21)*		
26 56 21 00-0153		Post Top, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0154		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)*		
		Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	710.21	180.83
26 56 21 00-0156	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	766.20	180.83
26 56 21 00-0157	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	766.20	180.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0158	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	766.20	180.83
26 56 21 00-0159		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0160		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0159)*		
26 56 21 00-0161	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	644.25	164.39
26 56 21 00-0162	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	683.64	167.68
26 56 21 00-0163	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	694.09	170.97
26 56 21 00-0164	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	704.52	174.26
26 56 21 00-0165	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	714.96	177.54
26 56 21 00-0166	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	729.25	180.83
26 56 21 00-0167	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	750.08	170.97
26 56 21 00-0168	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	760.52	174.26
26 56 21 00-0169	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	770.96	177.54
26 56 21 00-0170	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	801.66	180.83
26 56 21 00-0171		Pole Mount, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0172		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0171)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,178.36	111.79
26 56 21 00-0174	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,211.67	118.37
26 56 21 00-0175	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,244.97	124.94

END OF SECTION 26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	975.59	118.08
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	1,247.43	157.48
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	1,975.60	236.15
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	11.79	1.74
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	77.37	31.20
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	187.42	31.20
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	355.61	31.20
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap	70.52	5.77
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug	24.66	5.77
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug	26.28	5.77
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block	29.27	5.77

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	9.03	2.89
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-2.06*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*0.66*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	9.54	2.89
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-2.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*2.32*	
		For Low Friction Xylan® Coated Finish, Add	*8.27*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	10.32	2.89
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.19*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*2.85*	
		For Low Friction Xylan® Coated Finish, Add	*10.28*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	17.09	2.89
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*1.52*	
		For Low Friction Xylan® Coated Finish, Add	*9.11*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	10.22	2.89
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.18*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	13.26	2.89
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.48*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	14.75	2.89
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.63*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	20.05	2.89
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	10.78	2.89
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.23*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	12.81	2.89
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.44*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	13.87	2.89
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	18.88	2.89
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-3.04*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.01	2.89
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.46*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	16.44	2.89
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.80*	
		For Work In Restricted Working Space, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	17.34	2.89
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.89*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0376 for threaded rod.

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	10.51	2.89
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-2.21*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	10.98	2.89
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.25*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	13.36	2.89
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0376 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	13.09	2.89
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.46*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	14.20	2.89
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.57*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	19.74	2.89
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-3.13*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	12.93	2.89
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	14.92	2.89
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	15.97	2.89
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.75*	
		For Work In Restricted Working Space, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	21.75	2.89
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.33*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*

27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	36.97	3.81
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-4.22*	
		For >500, Deduct	*-6.01*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*2.99*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	37.72	3.81
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.27*	
		For >500, Deduct	*-6.08*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.59	3.81
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.66*	
		For >250 To 500, Deduct	*-4.56*	
		For >500, Deduct	*-6.47*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	36.85	3.81
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-4.21*	
		For >500, Deduct	*-5.99*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.65	3.81
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.34*	
		For >500, Deduct	*-6.17*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.42	3.81
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.35*	
		For Work In Restricted Working Space, Add	*3.46*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.04	3.81
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-6.11*	
		For Work In Restricted Working Space, Add	*3.46*	

27 05 33 Conduits and Backboxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes testing.

27 11 Communications Equipment Room Fittings *(27 10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	121.96	29.99
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*40.30*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	243.92	59.98
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*80.60*	

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	361.63	86.50
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	459.78	95.15
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	529.03	109.57
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	549.25	112.45
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	676.32	115.34
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	840.02	129.75
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	861.18	126.87
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,102.93	180.73
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,178.77	198.61
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,430.31	209.80
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,181.40	173.00
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,277.60	187.43
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,591.44	240.25
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,908.52	300.34
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,173.24	296.99
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,492.04	361.35

27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	555.70	184.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*9.33*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	760.42	196.08
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.41*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	820.68	207.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.27*	

27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	708.87	161.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.30*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	772.45	164.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.19*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	772.00	167.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.88*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	791.58	170.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.57*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	810.94	173.00
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.25*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	831.87	175.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.00*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	713.95	178.78
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.82*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	872.57	181.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.46*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	902.82	184.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.69*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	929.31	187.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.72*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	936.11	190.31
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.78*	

27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	748.47	161.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.28*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	773.92	164.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.26*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	796.39	167.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.10*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	837.96	170.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	858.69	173.00
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.63*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	881.20	175.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.47*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	763.85	178.78
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.32*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	924.92	181.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.08*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	957.65	184.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.43*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	986.30	187.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.57*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	993.20	190.31
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.63*	
27 11 16 00-0054		**35" Width, Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	925.82	173.00
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.99*	
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	974.36	178.78
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.84*	
27 11 16 00-0057		**UL Listed Universal Equipment Racks** *(27 11 16 00-0028)*		
		Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058		**19" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	747.47	161.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.23*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	806.23	164.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.88*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	818.65	167.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.21*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	836.75	170.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.83*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	857.43	173.00
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.57*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	879.88	175.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.41*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	901.47	178.78
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.20*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	923.52	181.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.01*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	956.21	184.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.36*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	984.79	187.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.50*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	991.62	190.31
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.55*	
27 11 16 00-0070		**23" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	791.07	161.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.41*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	865.36	164.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.83*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	876.53	167.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.10*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	887.73	170.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.37*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	909.95	173.00
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.20*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	934.15	175.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.12*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	957.34	178.78
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.99*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	981.06	181.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.89*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,016.50	184.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.37*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,047.45	187.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.63*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,054.55	190.31
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.70*	
27 11 16 00-0082		**4-Post Equipment Racks And Server Frames** *(27 11 16 00-0022)*		
27 11 16 00-0083		**4-Post Equipment Racks** *(27 11 16 00-0082)*		
27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,504.13	288.34
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*46.37*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,639.75	299.88
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*52.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,767.80	311.41
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*57.25*	
27 11 16 00-0087		**4-Post Server Frame** *(27 11 16 00-0082)*		
27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,544.93	288.34
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*48.41*	
27 11 16 00-0089		**Cable Managers** *(27 11 16 00-0021)*		
27 11 16 00-0090		**Horizontal Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0091		**Single-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	86.18	11.54
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	95.75	11.54
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	72.26	11.54
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	87.62	11.54
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	102.44	11.54
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	79.82	11.54
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	117.48	11.54
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	133.47	11.54
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	94.96	11.54
27 11 16 00-0101		**Double-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	106.58	11.54
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	119.20	11.54
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	112.05	11.54
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	130.12	11.54
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	144.45	11.54
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	161.53	11.54
27 11 16 00-0108		**Vertical Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0109		**Single-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	191.65	17.30
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	269.23	17.30
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	431.95	17.30
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	488.72	17.30
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	204.89	17.30
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	290.04	17.30
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	469.79	17.30
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	526.56	17.30
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	231.38	17.30
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	318.42	17.30
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	526.56	17.30
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	583.32	17.30
27 11 16 00-0122		**Double-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	276.80	17.30
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	325.99	17.30
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	526.56	17.30
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	621.17	17.30
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	299.50	17.30
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	348.70	17.30
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	564.40	17.30
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	659.01	17.30
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	329.78	17.30
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	378.97	17.30
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	621.17	17.30
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	715.77	17.30
27 11 16 00-0135		**Accessories For Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	117.67	11.54
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	125.24	11.54
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	132.80	11.54
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	121.45	11.54
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	132.80	11.54
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	144.16	11.54
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	136.59	11.54
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	147.94	11.54
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	159.29	11.54
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	144.16	11.54
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	159.29	11.54
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	170.65	11.54
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	98.75	11.54
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	113.88	11.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	118.99	11.54
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	76.04	11.54

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	283.09	57.66
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	426.22	57.66
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	561.65	57.66
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	687.85	57.66
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	764.68	72.09
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	1,274.92	86.50
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	352.36	57.66
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	435.45	57.66
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	755.56	57.66
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,404.20	86.50
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	721.34	86.50
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	758.35	86.50
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	296.92	57.66
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	40.86	
		For >5 To 10 Cables, Deduct	*-7.35*	
		For >10 Cables, Deduct	*-16.34*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	11.24	
		For >20 To 40 Pairs, Deduct	*-1.80*	
		For >40 Pairs, Deduct	*-4.27*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	154.74	25.95
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	234.78	25.95
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	353.21	25.95
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	519.68	43.25
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	730.52	43.25

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	541.29	43.25
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	621.68	43.25
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	670.85	43.25
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	789.66	43.25

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	679.07	43.25
		For Splice Tray Bracket, Add	*74.36*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	798.64	43.25
		For Splice Tray Bracket, Add	*81.32*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	1,000.16	43.25
		For Splice Tray Bracket, Add	*296.27*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	866.66	43.25
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,113.21	43.25
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,262.67	43.25
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,643.85	43.25

27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*

Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	779.15	25.95
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,074.67	43.25
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,128.66	43.25

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0044		Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0019)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.			
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing		816.46	25.95
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing		1,074.02	43.25
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing		1,265.01	43.25
27 11 19 00-0048		Fiber Optic Cable Connector Panels *(27 11 19 00-0018)*			
27 11 19 00-0049		SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*			
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel		106.32	5.76
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel		115.59	5.76
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel		129.97	5.76
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel		142.32	5.76
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel		177.30	5.76
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel		195.78	5.76
27 11 19 00-0056		SC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*			
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel		102.22	5.76
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel		104.40	5.76
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel		124.54	5.76
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel		127.43	5.76
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel		169.15	5.76
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel		173.46	5.76
27 11 19 00-0063		LC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*			
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel		110.58	5.76
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel		121.50	5.76
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel		135.64	5.76
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel		150.21	5.76
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel		185.83	5.76
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel		207.64	5.76
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel		236.00	5.76
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel		265.07	5.76
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel		336.31	5.76
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel		346.44	5.76
27 11 19 00-0074		ST Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*			
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel		87.97	5.76
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel		94.98	5.76
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel		105.52	5.76
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel		114.87	5.76
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel		140.59	5.76
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel		154.63	5.76
27 11 19 00-0081		MT-RJ, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*			
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel		109.93	5.76
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel		165.67	5.76
27 11 19 00-0084		Fiber Optic Cable Pretium Edge® Modules *(27 11 19 00-0048)*			
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module		964.66	5.76
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module		968.02	5.76
27 11 19 00-0087		Fiber Optic Cable Splice Housings *(27 11 19 00-0018)*			
27 11 19 00-0088		Wall Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.			
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door		363.63	57.66
27 11 19 00-0090		Rack Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.			
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing		562.16	43.25
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing		570.85	43.25
27 11 19 00-0093		Fiber Optic Cable Splice Trays *(27 11 19 00-0087)*			
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray		104.82	14.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)* Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	197.51	43.25
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	73.87	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	99.16	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	107.74	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	119.84	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	492.72	57.66
27 11 19 00-0103		**Telephone Components** *(27 11 19)*		
27 11 19 00-0104		**Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	34.03	11.56
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	64.99	11.56
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	52.32	11.56
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	26.22	11.56
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	18.59	8.08
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	35.37	11.56
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	26.22	11.56
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	18.39	8.08
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	18.25	8.08
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	18.87	8.08
27 11 19 00-0115		**Terminal Block Mounting Channel** *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	18.00	5.77
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	23.22	5.77
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	32.40	5.77
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	23.05	6.93
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	31.73	6.93
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	46.06	6.93
27 11 19 00-0122		**Outlet Termination Hardware** *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	34.78	5.77
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box Note: Excludes box.	96.98	43.83
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	85.47	25.95
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	85.47	25.95
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	49.98	17.30
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	128.99	28.84
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	128.99	28.84
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	155.57	28.84
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	155.57	28.84
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	141.58	28.84
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,228.22	144.17
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	60.35	11.54
27 11 19 00-0135	EA	5-Pair, Connecting Block	3.61	1.15
27 11 19 00-0136	EA	4-Pair, Connecting Block	3.91	1.15
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	14.64	2.89
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	3.96	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	3.96	
27 11 19 00-0140		**Terminations in Manhole or Junction Box** *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	184.54	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	369.08	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	738.16	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,107.24	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,295.24	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,942.29	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,442.85	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,054.13	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	4,581.18	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	5,555.77	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	6,332.09	
27 11 23		**Communications Cable Management and Ladder Rack** *(27 11)*		
27 11 23 00-0001		**Equipment Supports** *(27 11 23)*		
27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	116.06	27.68
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	200.07	46.14
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	36.73	8.65
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	15.56	5.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	16.55	5.76
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	38.20	10.38
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	81.71	17.30
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	7.36	2.54
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	41.74	14.41
27 11 23 00-0011	EA	110 Jumper Trough (Commscope 107831133)	33.67	5.76
27 11 23 00-0012	LF	Velcro CMP	2.78	1.15

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,692.55	252.88
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,337.92	421.48
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,388.95	674.90

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non-Shielded Copper Communications Cable	27.25	
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.		
		For >5 To 10, Deduct	*-3.45*	
		For >10, Deduct	*-6.90*	
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable	31.03	
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.		
		For >5 To 10, Deduct	*-3.88*	
		For >10, Deduct	*-7.77*	

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	5.76	
		For >25-Pair, Deduct	*-2.30*	
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	8.65	
		For >25-Pair, Deduct	*-3.45*	
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	13.84	
		For >25-Pair, Deduct	*-5.52*	
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	23.06	
		For >25-Pair, Deduct	*-9.20*	
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	34.60	
		For >25-Pair, Deduct	*-13.81*	
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	55.36	
		For >25-Pair, Deduct	*-22.09*	

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	57.71	14.41
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	99.70	14.41
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	12.36	5.76
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.03	2.89
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	7.18	2.89
27 13 13 13-0021	EA	100-Pair, 110 Jack Panel System	323.92	17.30
		Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 13 13-0022	EA	300-Pair, 110 Jack Panel System	611.56	17.30
		Note: Includes twelve 8-pin modular jacks and mounting legs.		

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002	EA	ST Connector For Multimode Fiber Optic Cable	33.05	
27 13 23 13-0003	EA	ST Connector For Singlemode Fiber Optic Cable	38.02	
27 13 23 13-0004	EA	SC Connector For Multimode Fiber Optic Cable	36.73	
27 13 23 13-0005	EA	SC Connector For Singlemode Fiber Optic Cable	43.07	
27 13 23 13-0006	EA	LC Connector For Multimode Fiber Optic Cable	50.14	
27 13 23 13-0007	EA	LC Connector For Singlemode Fiber Optic Cable	51.62	
27 13 23 13-0008	EA	MT-RJ Connector For Multimode Fiber Optic Cable	74.51	

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	253.64	
27 13 23 13-0012	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	258.02	
27 13 23 13-0013	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	295.06	
27 13 23 13-0014	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	322.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0015		**Spider Fan Out Kits For Fiber Optic Cable** *(27 13 23 13-0009)* Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0016	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	307.66	
27 13 23 13-0017	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	337.09	
27 13 23 13-0018	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	490.90	
27 13 23 13-0019	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	635.67	
27 13 23 13-0020		**Fiber Optic Cable Splice Closures** *(27 13 23 13)* Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	914.48	115.34
27 13 23 13-0022	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,145.15	230.68
27 13 23 13-0023	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,145.15	230.68
27 13 23 13-0024	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,533.20	115.34
27 13 23 13-0025	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,763.87	230.68
27 13 23 13-0026	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,763.87	230.68
27 13 23 13-0027	EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	63.31	14.41
27 13 23 13-0028		**Fiber Optic Cable Testing** *(27 13 23 13)* Note: Price based on testing one wavelength.		
27 13 23 13-0029		**Fiber Optic Cable Testing Using An OTDR** *(27 13 23 13-0028)* Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	23.06	
		For >12 To 48 Strands, Deduct	*-1.73*	
		For >48 Strands, Deduct	*-2.31*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	34.60	
		For >12 To 48 Strands, Deduct	*-2.60*	
		For >48 Strands, Deduct	*-3.46*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	57.66	
		For >12 To 48 Strands, Deduct	*-4.32*	
		For >48 Strands, Deduct	*-5.77*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	86.50	
		For >12 To 48 Strands, Deduct	*-6.49*	
		For >48 Strands, Deduct	*-8.65*	
27 13 23 13-0034		**Fiber Optic Cable Testing Using A Power Meter** *(27 13 23 13-0028)*		
27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	23.06	
		For >12 To 48 Strands, Deduct	*-1.73*	
		For >48 Strands, Deduct	*-2.31*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	34.60	
		For >12 To 48 Strands, Deduct	*-2.60*	
		For >48 Strands, Deduct	*-3.46*	
27 13 23 13-0037		**Fiber Optic Cable Light Source/Continuity Testing** *(27 13 23 13-0028)*		
27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	23.06	
		For >12 To 48 Strands, Deduct	*-1.73*	
		For >48 Strands, Deduct	*-2.31*	
27 13 23 13-0039		**Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	34.60	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	115.34	
27 13 23 13-0042		**Other Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	38.79	21.68
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	5,639.90	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 16		**Voice Communications Horizontal Cabling** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.		
27 15 01 17		**Intrusion Detection Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.		
27 15 01 19		**Fire Alarm Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 01 19-0001		Fire Alarm/Life Safety Cable *(27 15 01 19)*		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,885.82	784.75
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,316.29	813.13
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,150.38	892.02
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,836.64	923.86
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,470.63	998.59
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,448.10	1,034.58
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,165.35	1,141.84
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	4,684.09	1,182.56
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,193.75	1,569.75
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,671.51	1,626.26
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,637.09	1,784.27
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,376.39	1,847.71
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,134.94	1,997.65
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,172.40	2,069.16
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,068.42	2,283.68
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	6,655.22	2,365.58
27 15 01 19-0021		Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*		
27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,196.04	642.20
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,293.49	665.03
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,455.03	784.75
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,551.96	798.95
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,610.74	813.13
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,800.46	841.50
27 15 01 19-0028	MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,072.73	869.88
27 15 01 19-0029	MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,697.63	892.02
27 15 01 19-0030	MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,909.45	923.86
27 15 01 19-0031	MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,966.63	998.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0032	MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,297.53	1,034.58
27 15 01 19-0033	MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,400.34	1,141.84
27 15 01 19-0034	MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,934.06	1,182.56
27 15 01 19-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,186.15	642.20
27 15 01 19-0038	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,448.60	784.75
27 15 01 19-0039	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,614.08	798.95
27 15 01 19-0040	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,627.94	813.13
27 15 01 19-0041	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,890.23	841.50
27 15 01 19-0042	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,687.92	892.02
27 15 01 19-0043	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,931.24	923.86
27 15 01 19-0044	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,922.91	998.59
27 15 01 19-0045	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,471.26	1,034.58
27 15 01 19-0046	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,386.05	1,141.84
27 15 01 19-0047	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,197.80	1,182.56
27 15 01 19-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,256.48	1,284.86
27 15 01 19-0050	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,756.53	1,569.75
27 15 01 19-0051	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,945.08	1,597.43
27 15 01 19-0052	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,983.16	1,626.26
27 15 01 19-0053	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,292.74	1,682.78
27 15 01 19-0054	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,174.63	1,784.27
27 15 01 19-0055	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,470.99	1,847.71
27 15 01 19-0056	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,587.22	1,997.65
27 15 01 19-0057	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,195.56	2,069.16
27 15 01 19-0058	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,289.12	2,283.68
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,168.93	2,365.58
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,226.87	642.20
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,477.68	784.75
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,722.03	798.95
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,657.70	813.13
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,920.66	841.50
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,754.76	892.02
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,962.15	923.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,067.07	998.59
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,398.98	1,034.58
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,492.73	1,141.84
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,978.34	1,182.56
27 15 01 19-0073		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0060)*		
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,297.20	1,284.86
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,785.61	1,569.75
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,053.03	1,597.43
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,012.92	1,626.26
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,323.17	1,682.78
27 15 01 19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,241.47	1,784.27
27 15 01 19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,501.90	1,847.71
27 15 01 19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,731.38	1,997.65
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,123.28	2,069.16
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,395.80	2,283.68
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,949.47	2,365.58
27 15 01 19-0085		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0086		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0085)*		
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,199.60	642.20
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,512.36	784.75
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,637.15	798.95
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,741.92	813.13
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,971.49	841.50
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,745.95	892.02
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,060.45	923.86
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,049.03	998.59
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,616.26	1,034.58
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,470.05	1,141.84
27 15 01 19-0097		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0085)*		
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,269.93	1,284.86
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,820.29	1,569.75
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,968.15	1,597.43
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,097.14	1,626.26
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,374.00	1,682.78
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,232.66	1,784.27
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,600.20	1,847.71
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,713.34	1,997.65
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,340.56	2,069.16

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,373.12	2,283.68

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001 Solid Conductor Low Voltage Cable *(27 15 13)*

27 15 13 00-0002 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0003 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0004	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,223.27	1,043.17
		For #10 AWG, Add	*507.64*	
		For Work In Restricted Working Space, Add	*521.63*	
27 15 13 00-0005	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,694.69	1,080.05
		For #10 AWG, Add	*655.17*	
		For Work In Restricted Working Space, Add	*540.19*	
27 15 13 00-0006	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,108.40	1,117.98
		For #10 AWG, Add	*783.61*	
		For Work In Restricted Working Space, Add	*558.83*	
27 15 13 00-0007	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,546.41	1,155.91
		For #10 AWG, Add	*919.79*	
		For Work In Restricted Working Space, Add	*578.13*	
27 15 13 00-0008	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,027.93	1,233.89
		For #10 AWG, Add	*1,061.80*	
		For Work In Restricted Working Space, Add	*617.13*	
27 15 13 00-0009	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,467.84	1,310.81
		For #10 AWG, Add	*1,190.30*	
		For Work In Restricted Working Space, Add	*655.58*	
27 15 13 00-0010	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,847.83	1,466.76
		For #10 AWG, Add	*1,282.05*	
		For Work In Restricted Working Space, Add	*733.24*	
27 15 13 00-0011	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,426.89	1,933.55
		For #10 AWG, Add	*1,702.02*	
		For Work In Restricted Working Space, Add	*966.59*	
27 15 13 00-0012	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,565.39	2,855.55
		For #10 AWG, Add	*2,538.04*	
		For Work In Restricted Working Space, Add	*1,427.41*	

27 15 13 00-0013 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0014	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,983.43	912.52
		For Work In Restricted Working Space, Add	*456.15*	
27 15 13 00-0015	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,429.55	945.17
		For Work In Restricted Working Space, Add	*472.59*	
27 15 13 00-0016	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,820.25	977.84
		For Work In Restricted Working Space, Add	*489.03*	
27 15 13 00-0017	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,233.12	1,011.56
		For Work In Restricted Working Space, Add	*505.78*	
27 15 13 00-0018	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,682.81	1,080.05
		For Work In Restricted Working Space, Add	*539.92*	
27 15 13 00-0019	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,092.35	1,147.49
		For Work In Restricted Working Space, Add	*573.43*	
27 15 13 00-0020	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,435.66	1,283.42
		For Work In Restricted Working Space, Add	*641.71*	
27 15 13 00-0021	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,880.85	1,691.20
		For Work In Restricted Working Space, Add	*845.60*	
27 15 13 00-0022	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,757.54	2,498.34
		For Work In Restricted Working Space, Add	*1,249.28*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0023		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0024	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,765.87	814.51
		For Work In Restricted Working Space, Add	*407.47*	
27 15 13 00-0025	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,060.83	844.02
		For Work In Restricted Working Space, Add	*422.01*	
27 15 13 00-0026	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,503.22	873.52
		For Work In Restricted Working Space, Add	*436.55*	
27 15 13 00-0027	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,868.21	903.03
		For Work In Restricted Working Space, Add	*451.73*	
27 15 13 00-0028	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,265.14	964.14
		For Work In Restricted Working Space, Add	*482.07*	
27 15 13 00-0029	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,627.54	1,024.20
		For Work In Restricted Working Space, Add	*512.10*	
27 15 13 00-0030	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,779.65	1,085.32
		For Work In Restricted Working Space, Add	*542.45*	
27 15 13 00-0031	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,932.79	1,146.43
		For Work In Restricted Working Space, Add	*573.11*	
27 15 13 00-0032	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,391.05	1,219.14
		For Work In Restricted Working Space, Add	*609.47*	
27 15 13 00-0033	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,213.35	1,509.96
		For Work In Restricted Working Space, Add	*755.03*	
27 15 13 00-0034	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,762.85	2,230.70
		For Work In Restricted Working Space, Add	*1,115.40*	
27 15 13 00-0035		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0036	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,482.74	717.58
		For Work In Restricted Working Space, Add	*358.47*	
27 15 13 00-0037	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,769.26	742.86
		For Work In Restricted Working Space, Add	*371.43*	
27 15 13 00-0038	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,021.33	768.15
		For Work In Restricted Working Space, Add	*384.39*	
27 15 13 00-0039	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,286.54	794.50
		For Work In Restricted Working Space, Add	*397.36*	
27 15 13 00-0040	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,584.94	848.23
		For Work In Restricted Working Space, Add	*424.22*	
27 15 13 00-0041	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,858.66	900.92
		For Work In Restricted Working Space, Add	*450.78*	
27 15 13 00-0042	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,108.69	1,008.40
		For Work In Restricted Working Space, Add	*504.20*	
27 15 13 00-0043	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,118.91	1,328.73
		For Work In Restricted Working Space, Add	*664.47*	
27 15 13 00-0044	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,127.79	1,963.06
		For Work In Restricted Working Space, Add	*981.53*	
27 15 13 00-0045		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0046	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,307.57	652.24
		For Work In Restricted Working Space, Add	*325.91*	
27 15 13 00-0047	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,534.76	675.42
		For Work In Restricted Working Space, Add	*337.61*	
27 15 13 00-0048	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,733.04	699.14
		For Work In Restricted Working Space, Add	*349.31*	
27 15 13 00-0049	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,941.64	722.84
		For Work In Restricted Working Space, Add	*361.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0050	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,184.79	771.32
		For Work In Restricted Working Space, Add	*385.50*	
27 15 13 00-0051	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,407.71	819.79
		For Work In Restricted Working Space, Add	*409.68*	
27 15 13 00-0052	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,641.25	916.73
		For Work In Restricted Working Space, Add	*458.36*	
27 15 13 00-0053	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,476.84	1,208.61
		For Work In Restricted Working Space, Add	*604.09*	
27 15 13 00-0054	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,169.42	1,784.98
		For Work In Restricted Working Space, Add	*892.38*	
27 15 13 00-0055	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,487.71	1,827.13
		For Work In Restricted Working Space, Add	*913.56*	
27 15 13 00-0056	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,538.65	2,127.44
		For Work In Restricted Working Space, Add	*1,063.72*	
27 15 13 00-0057	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,015.41	2,277.07
		For Work In Restricted Working Space, Add	*1,138.63*	
27 15 13 00-0058	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,389.27	2,846.07
		For Work In Restricted Working Space, Add	*1,422.82*	
27 15 13 00-0059	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,404.45	3,746.98
		For Work In Restricted Working Space, Add	*1,873.27*	
27 15 13 00-0060		#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0061	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,093.56	586.92
		For Work In Restricted Working Space, Add	*293.35*	
27 15 13 00-0062	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,170.96	607.99
		For Work In Restricted Working Space, Add	*303.78*	
27 15 13 00-0063	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,265.67	629.06
		For Work In Restricted Working Space, Add	*314.53*	
27 15 13 00-0064	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,368.47	650.14
		For Work In Restricted Working Space, Add	*325.28*	
27 15 13 00-0065	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,521.57	694.39
		For Work In Restricted Working Space, Add	*347.09*	
27 15 13 00-0066	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,676.28	735.49
		For Work In Restricted Working Space, Add	*367.95*	
27 15 13 00-0067		Triad *(27 15 13 00-0002)*		
27 15 13 00-0068	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	2,477.82	873.52
27 15 13 00-0069	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,243.40	1,208.61
27 15 13 00-0070	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	5,045.79	1,784.98
27 15 13 00-0071	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,264.16	2,127.44
27 15 13 00-0072	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	10,217.86	3,296.00
27 15 13 00-0073	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	11,745.82	3,746.98
27 15 13 00-0074		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0075		#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0076	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,962.03	2,086.34
		For #10 AWG, Add	*855.39*	
		For Work In Restricted Working Space, Add	*1,043.26*	
27 15 13 00-0077	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,495.30	2,160.11
		For #10 AWG, Add	*1,015.29*	
		For Work In Restricted Working Space, Add	*1,080.37*	
27 15 13 00-0078	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,971.18	2,235.97
		For #10 AWG, Add	*1,156.17*	
		For Work In Restricted Working Space, Add	*1,117.67*	
27 15 13 00-0079	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,473.53	2,311.83
		For #10 AWG, Add	*1,305.22*	
		For Work In Restricted Working Space, Add	*1,156.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0080	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,085.02	2,467.79
		For #10 AWG, Add	*1,473.21*	
		For Work In Restricted Working Space, Add	*1,234.25*	
27 15 13 00-0081	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,653.10	2,621.63
		For #10 AWG, Add	*1,627.36*	
		For Work In Restricted Working Space, Add	*1,311.16*	
27 15 13 00-0082	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,291.97	2,933.52
		For #10 AWG, Add	*1,770.87*	
		For Work In Restricted Working Space, Add	*1,466.48*	
27 15 13 00-0083	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,648.85	3,867.11
		For #10 AWG, Add	*2,346.41*	
		For Work In Restricted Working Space, Add	*1,933.18*	
27 15 13 00-0084	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,323.41	5,711.09
		For #10 AWG, Add	*3,489.64*	
		For Work In Restricted Working Space, Add	*2,854.81*	
27 15 13 00-0085		#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0086	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,503.93	1,825.02
		For Work In Restricted Working Space, Add	*912.30*	
27 15 13 00-0087	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,004.85	1,890.36
		For Work In Restricted Working Space, Add	*945.18*	
27 15 13 00-0088	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,450.33	1,955.68
		For Work In Restricted Working Space, Add	*978.05*	
27 15 13 00-0089	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,919.06	2,023.12
		For Work In Restricted Working Space, Add	*1,011.56*	
27 15 13 00-0090	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,482.55	2,160.11
		For Work In Restricted Working Space, Add	*1,079.84*	
27 15 13 00-0091	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,003.78	2,294.97
		For Work In Restricted Working Space, Add	*1,146.86*	
27 15 13 00-0092	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,574.70	2,566.83
		For Work In Restricted Working Space, Add	*1,283.42*	
27 15 13 00-0093	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,699.51	3,382.40
		For Work In Restricted Working Space, Add	*1,691.20*	
27 15 13 00-0094	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,921.80	4,996.69
		For Work In Restricted Working Space, Add	*2,498.55*	
27 15 13 00-0095		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0096	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,124.11	1,629.03
		For Work In Restricted Working Space, Add	*814.94*	
27 15 13 00-0097	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,467.54	1,688.04
		For Work In Restricted Working Space, Add	*844.02*	
27 15 13 00-0098	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,958.39	1,747.04
		For Work In Restricted Working Space, Add	*873.10*	
27 15 13 00-0099	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,373.96	1,806.05
		For Work In Restricted Working Space, Add	*903.45*	
27 15 13 00-0100	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,872.05	1,928.29
		For Work In Restricted Working Space, Add	*964.14*	
27 15 13 00-0101	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,334.54	2,048.41
		For Work In Restricted Working Space, Add	*1,024.20*	
27 15 13 00-0102	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,587.80	2,170.63
		For Work In Restricted Working Space, Add	*1,084.90*	
27 15 13 00-0103	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,843.17	2,292.87
		For Work In Restricted Working Space, Add	*1,146.23*	
27 15 13 00-0104	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,422.59	2,438.28
		For Work In Restricted Working Space, Add	*1,218.93*	

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27 15 13 00-0105	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,730.13	3,019.93
		For Work In Restricted Working Space, Add	*1,510.07*	
27 15 13 00-0106	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,480.87	4,461.40
		For Work In Restricted Working Space, Add	*2,230.81*	

27 15 13 00-0107 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0108	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,677.65	1,435.15
		For Work In Restricted Working Space, Add	*716.94*	
27 15 13 00-0109	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,007.37	1,485.73
		For Work In Restricted Working Space, Add	*742.86*	
27 15 13 00-0110	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,302.64	1,536.31
		For Work In Restricted Working Space, Add	*768.79*	
27 15 13 00-0111	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,611.04	1,588.99
		For Work In Restricted Working Space, Add	*794.71*	
27 15 13 00-0112	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,999.02	1,696.47
		For Work In Restricted Working Space, Add	*848.45*	
27 15 13 00-0113	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,361.24	1,801.84
		For Work In Restricted Working Space, Add	*901.55*	
27 15 13 00-0114	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,789.35	2,016.79
		For Work In Restricted Working Space, Add	*1,008.40*	
27 15 13 00-0115	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,333.80	2,657.45
		For Work In Restricted Working Space, Add	*1,328.93*	
27 15 13 00-0116	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,399.54	3,926.12
		For Work In Restricted Working Space, Add	*1,963.05*	

27 15 13 00-0117 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0118	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,393.95	1,304.49
		For Work In Restricted Working Space, Add	*651.83*	
27 15 13 00-0119	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,660.12	1,350.86
		For Work In Restricted Working Space, Add	*675.22*	
27 15 13 00-0120	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,897.39	1,398.27
		For Work In Restricted Working Space, Add	*698.61*	
27 15 13 00-0121	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,146.04	1,445.69
		For Work In Restricted Working Space, Add	*722.63*	
27 15 13 00-0122	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,469.78	1,542.63
		For Work In Restricted Working Space, Add	*771.00*	
27 15 13 00-0123	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,773.32	1,639.57
		For Work In Restricted Working Space, Add	*819.36*	
27 15 13 00-0124	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,169.13	1,833.45
		For Work In Restricted Working Space, Add	*916.73*	
27 15 13 00-0125	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,490.48	2,417.20
		For Work In Restricted Working Space, Add	*1,208.18*	
27 15 13 00-0126	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,144.03	3,569.96
		For Work In Restricted Working Space, Add	*1,784.77*	
27 15 13 00-0127	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,532.90	3,654.26
		For Work In Restricted Working Space, Add	*1,827.12*	
27 15 13 00-0128	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,084.40	4,254.88
		For Work In Restricted Working Space, Add	*2,127.44*	
27 15 13 00-0129	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,810.86	4,554.12
		For Work In Restricted Working Space, Add	*2,277.27*	
27 15 13 00-0130	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,131.99	5,692.13
		For Work In Restricted Working Space, Add	*2,845.63*	
27 15 13 00-0131	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	17,648.67	7,493.97
		For Work In Restricted Working Space, Add	*3,746.54*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0132		#22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0133	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,071.40	1,173.83
		For Work In Restricted Working Space, Add	*586.70*	
27 15 13 00-0134	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,183.58	1,215.98
		For Work In Restricted Working Space, Add	*607.57*	
27 15 13 00-0135	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,314.11	1,258.13
		For Work In Restricted Working Space, Add	*629.06*	
27 15 13 00-0136	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,452.74	1,300.27
		For Work In Restricted Working Space, Add	*650.56*	
27 15 13 00-0137	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,678.55	1,388.79
		For Work In Restricted Working Space, Add	*694.19*	
27 15 13 00-0138	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,902.80	1,470.98
		For Work In Restricted Working Space, Add	*735.91*	
27 15 13 00-0139		Triad, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0140	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	2,477.82	873.52
27 15 13 00-0141	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,243.40	1,208.61
27 15 13 00-0142	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	5,045.79	1,784.98
27 15 13 00-0143	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,264.16	2,127.44
27 15 13 00-0144	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	10,217.86	3,296.00
27 15 13 00-0145	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	11,745.82	3,746.98
27 15 13 00-0146		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0147		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0148	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,755.67	912.52
		For Work In Restricted Working Space, Add	*456.15*	
27 15 13 00-0149	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,009.27	945.17
		For Work In Restricted Working Space, Add	*472.59*	
27 15 13 00-0150	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,234.71	977.84
		For Work In Restricted Working Space, Add	*489.03*	
27 15 13 00-0151	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,471.93	1,011.56
		For Work In Restricted Working Space, Add	*505.78*	
27 15 13 00-0152	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,754.26	1,079.00
		For Work In Restricted Working Space, Add	*539.29*	
27 15 13 00-0153	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,018.32	1,146.43
		For Work In Restricted Working Space, Add	*573.11*	
27 15 13 00-0154	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,305.74	1,283.42
		For Work In Restricted Working Space, Add	*641.71*	
27 15 13 00-0155	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,374.30	1,691.20
		For Work In Restricted Working Space, Add	*845.60*	
27 15 13 00-0156	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,497.71	2,498.34
		For Work In Restricted Working Space, Add	*1,249.28*	
27 15 13 00-0157		#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0158	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,565.31	814.51
		For Work In Restricted Working Space, Add	*407.47*	
27 15 13 00-0159	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,788.85	844.02
		For Work In Restricted Working Space, Add	*422.01*	
27 15 13 00-0160	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,987.59	873.52
		For Work In Restricted Working Space, Add	*436.55*	
27 15 13 00-0161	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,197.90	903.03
		For Work In Restricted Working Space, Add	*451.73*	
27 15 13 00-0162	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,448.27	963.09
		For Work In Restricted Working Space, Add	*481.76*	

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27 15 13 00-0163		MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,682.66	1,024.20
			For Work In Restricted Working Space, Add	*512.10*	
27 15 13 00-0164		MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,809.71	1,085.32
			For Work In Restricted Working Space, Add	*542.45*	
27 15 13 00-0165		MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,004.20	1,146.43
			For Work In Restricted Working Space, Add	*573.11*	
27 15 13 00-0166		MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,307.58	1,219.14
			For Work In Restricted Working Space, Add	*609.43*	
27 15 13 00-0167		MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,886.67	1,509.96
			For Work In Restricted Working Space, Add	*755.03*	
27 15 13 00-0168		MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,773.36	2,230.70
			For Work In Restricted Working Space, Add	*1,115.56*	
27 15 13 00-0169			#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0170		MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,367.74	716.52
			For Work In Restricted Working Space, Add	*358.47*	
27 15 13 00-0171		MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,548.02	742.86
			For Work In Restricted Working Space, Add	*371.43*	
27 15 13 00-0172		MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,662.75	769.20
			For Work In Restricted Working Space, Add	*384.39*	
27 15 13 00-0173		MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,813.24	794.50
			For Work In Restricted Working Space, Add	*397.36*	
27 15 13 00-0174		MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,998.15	848.23
			For Work In Restricted Working Space, Add	*424.22*	
27 15 13 00-0175		MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,182.03	901.98
			For Work In Restricted Working Space, Add	*450.78*	
27 15 13 00-0176		MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,610.43	1,008.40
			For Work In Restricted Working Space, Add	*504.20*	
27 15 13 00-0177		MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,394.27	1,328.73
			For Work In Restricted Working Space, Add	*664.47*	
27 15 13 00-0178		MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,559.88	1,963.06
			For Work In Restricted Working Space, Add	*981.53*	
27 15 13 00-0179			#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0180		MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,208.37	652.24
			For Work In Restricted Working Space, Add	*325.91*	
27 15 13 00-0181		MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,333.34	675.42
			For Work In Restricted Working Space, Add	*337.61*	
27 15 13 00-0182		MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,570.21	769.20
			For Work In Restricted Working Space, Add	*384.39*	
27 15 13 00-0183		MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,722.23	808.62
			For Work In Restricted Working Space, Add	*404.31*	
27 15 13 00-0184		MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,871.18	848.23
			For Work In Restricted Working Space, Add	*424.22*	
27 15 13 00-0185		MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,032.00	901.98
			For Work In Restricted Working Space, Add	*450.78*	
27 15 13 00-0186		MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,238.90	1,003.76
			For Work In Restricted Working Space, Add	*501.99*	
27 15 13 00-0187		MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,756.96	1,208.61
			For Work In Restricted Working Space, Add	*604.09*	
27 15 13 00-0188		MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,089.60	1,784.98
			For Work In Restricted Working Space, Add	*892.38*	
27 15 13 00-0189		MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,286.03	1,827.13
			For Work In Restricted Working Space, Add	*913.56*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0190	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,066.18	2,127.44
		For Work In Restricted Working Space, Add	*1,063.72*	
27 15 13 00-0191	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,431.23	2,277.07
		For Work In Restricted Working Space, Add	*1,138.63*	
27 15 13 00-0192	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,595.22	2,846.07
		For Work In Restricted Working Space, Add	*1,422.82*	
27 15 13 00-0193	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,865.70	3,746.98
		For Work In Restricted Working Space, Add	*1,873.27*	
27 15 13 00-0194		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0195	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,058.73	586.92
		For Work In Restricted Working Space, Add	*293.35*	
27 15 13 00-0196	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,123.30	607.99
		For Work In Restricted Working Space, Add	*303.78*	
27 15 13 00-0197	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,205.82	629.06
		For Work In Restricted Working Space, Add	*314.53*	
27 15 13 00-0198	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,295.25	650.14
		For Work In Restricted Working Space, Add	*325.28*	
27 15 13 00-0199	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,418.11	694.39
		For Work In Restricted Working Space, Add	*347.09*	
27 15 13 00-0200	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,548.65	735.49
		For Work In Restricted Working Space, Add	*367.95*	
27 15 13 00-0201		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0202		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0203	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,276.17	1,825.02
		For Work In Restricted Working Space, Add	*912.30*	
27 15 13 00-0204	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,584.57	1,890.36
		For Work In Restricted Working Space, Add	*945.18*	
27 15 13 00-0205	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,864.79	1,955.68
		For Work In Restricted Working Space, Add	*978.05*	
27 15 13 00-0206	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,157.87	2,023.12
		For Work In Restricted Working Space, Add	*1,011.56*	
27 15 13 00-0207	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,551.89	2,157.99
		For Work In Restricted Working Space, Add	*1,078.58*	
27 15 13 00-0208	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,928.70	2,292.87
		For Work In Restricted Working Space, Add	*1,146.23*	
27 15 13 00-0209	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,444.78	2,566.83
		For Work In Restricted Working Space, Add	*1,283.42*	
27 15 13 00-0210	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,192.96	3,382.40
		For Work In Restricted Working Space, Add	*1,691.20*	
27 15 13 00-0211	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,661.97	4,996.69
		For Work In Restricted Working Space, Add	*2,498.55*	
27 15 13 00-0212		#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0213	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,923.55	1,629.03
		For Work In Restricted Working Space, Add	*814.94*	
27 15 13 00-0214	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,195.56	1,688.04
		For Work In Restricted Working Space, Add	*844.02*	
27 15 13 00-0215	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,442.76	1,747.04
		For Work In Restricted Working Space, Add	*873.10*	

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27 15 13 00-0216	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,703.65	1,806.05
		For Work In Restricted Working Space, Add	*903.45*	
27 15 13 00-0217	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,054.11	1,926.18
		For Work In Restricted Working Space, Add	*963.51*	
27 15 13 00-0218	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,389.66	2,048.41
		For Work In Restricted Working Space, Add	*1,024.20*	
27 15 13 00-0219	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,617.86	2,170.63
		For Work In Restricted Working Space, Add	*1,084.90*	
27 15 13 00-0220	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,914.58	2,292.87
		For Work In Restricted Working Space, Add	*1,146.23*	
27 15 13 00-0221	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,339.02	2,438.28
		For Work In Restricted Working Space, Add	*1,218.86*	
27 15 13 00-0222	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,403.45	3,019.93
		For Work In Restricted Working Space, Add	*1,510.07*	
27 15 13 00-0223	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,491.89	4,461.40
		For Work In Restricted Working Space, Add	*2,231.12*	

27 15 13 00-0224 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0225	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,562.65	1,433.04
		For Work In Restricted Working Space, Add	*716.94*	
27 15 13 00-0226	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,786.13	1,485.73
		For Work In Restricted Working Space, Add	*742.86*	
27 15 13 00-0227	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,944.06	1,538.42
		For Work In Restricted Working Space, Add	*768.79*	
27 15 13 00-0228	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,137.74	1,588.99
		For Work In Restricted Working Space, Add	*794.71*	
27 15 13 00-0229	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,412.23	1,696.47
		For Work In Restricted Working Space, Add	*848.45*	
27 15 13 00-0230	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,684.61	1,803.94
		For Work In Restricted Working Space, Add	*901.55*	
27 15 13 00-0231	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,291.09	2,016.79
		For Work In Restricted Working Space, Add	*1,008.40*	
27 15 13 00-0232	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,609.16	2,657.45
		For Work In Restricted Working Space, Add	*1,328.93*	
27 15 13 00-0233	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,831.63	3,926.12
		For Work In Restricted Working Space, Add	*1,963.05*	

27 15 13 00-0234 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0235	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,294.75	1,304.49
		For Work In Restricted Working Space, Add	*651.83*	
27 15 13 00-0236	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,458.70	1,350.86
		For Work In Restricted Working Space, Add	*675.22*	
27 15 13 00-0237	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,851.52	1,538.42
		For Work In Restricted Working Space, Add	*768.79*	
27 15 13 00-0238	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,069.91	1,617.23
		For Work In Restricted Working Space, Add	*808.61*	
27 15 13 00-0239	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,285.26	1,696.47
		For Work In Restricted Working Space, Add	*848.45*	
27 15 13 00-0240	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,534.58	1,803.94
		For Work In Restricted Working Space, Add	*901.55*	
27 15 13 00-0241	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,912.18	2,007.53
		For Work In Restricted Working Space, Add	*1,003.97*	
27 15 13 00-0242	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,770.60	2,417.20
		For Work In Restricted Working Space, Add	*1,208.18*	

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27 15 13 00-0243	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,064.21	3,569.96
		For Work In Restricted Working Space, Add	*1,784.77*	
27 15 13 00-0244	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,331.22	3,654.26
		For Work In Restricted Working Space, Add	*1,827.12*	
27 15 13 00-0245	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,611.93	4,254.88
		For Work In Restricted Working Space, Add	*2,127.44*	
27 15 13 00-0246	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,226.68	4,554.12
		For Work In Restricted Working Space, Add	*2,277.27*	
27 15 13 00-0247	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,337.94	5,692.13
		For Work In Restricted Working Space, Add	*2,845.63*	
27 15 13 00-0248	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	15,109.92	7,493.97
		For Work In Restricted Working Space, Add	*3,746.54*	
27 15 13 00-0249		**#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0250	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,036.57	1,173.83
		For Work In Restricted Working Space, Add	*586.70*	
27 15 13 00-0251	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,135.92	1,215.98
		For Work In Restricted Working Space, Add	*607.57*	
27 15 13 00-0252	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,254.26	1,258.13
		For Work In Restricted Working Space, Add	*629.06*	
27 15 13 00-0253	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,379.52	1,300.27
		For Work In Restricted Working Space, Add	*650.56*	
27 15 13 00-0254	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,575.09	1,388.79
		For Work In Restricted Working Space, Add	*694.19*	
27 15 13 00-0255	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,775.17	1,470.98
		For Work In Restricted Working Space, Add	*735.91*	
27 15 13 00-0256		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench** *(27 15 13 00-0001)*		
		Note: Excludes excavation.		
27 15 13 00-0257	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,896.10	
27 15 13 00-0258	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,337.72	
27 15 13 00-0259	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,725.23	
27 15 13 00-0260	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,135.60	
27 15 13 00-0261	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,578.27	
27 15 13 00-0262	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,981.99	
27 15 13 00-0263		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)** *(27 15 13 00-0001)*		
27 15 13 00-0264	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,003.01	579.00
27 15 13 00-0265	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,504.35	620.32
27 15 13 00-0266	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,276.06	784.21
27 15 13 00-0267	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,959.86	907.03
27 15 13 00-0268	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	6,382.85	1,033.82
27 15 13 00-0269	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	7,720.79	1,320.79
27 15 13 00-0270		**Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0271	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,564.87	814.51
27 15 13 00-0272	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,894.24	844.02
27 15 13 00-0273	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,126.04	873.52
27 15 13 00-0274	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,249.75	903.03
27 15 13 00-0275	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,703.89	963.09
27 15 13 00-0276	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,925.88	1,024.20
27 15 13 00-0277	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,665.55	1,146.43
27 15 13 00-0278	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,551.29	1,509.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,911.97	2,230.70
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,351.61	716.52
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,622.01	742.86
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,845.61	769.20
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,956.09	794.50
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,343.99	848.23
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,633.63	901.98
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,975.03	1,008.40
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,843.38	1,328.73
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,144.51	1,963.06
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,193.63	652.24
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,365.23	675.42
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,531.52	698.60
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,636.35	722.84
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,782.29	771.32
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,946.63	819.79
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,180.22	916.73
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,008.23	1,208.61
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,572.29	1,784.98
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,823.07	1,827.13
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,693.84	2,127.44
27 15 13 00-0300	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,139.39	2,277.07
27 15 13 00-0301	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,397.18	2,846.07
27 15 13 00-0302	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,000.56	3,746.98
27 15 13 00-0303	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,337.61	6,901.79
27 15 13 00-0304	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	29,220.29	9,133.54
27 15 13 00-0305	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	39,139.08	11,509.65
27 15 13 00-0306	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	55,127.55	15,787.71
27 15 13 00-0307	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,154.99	652.24
27 15 13 00-0308	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,278.80	675.42
27 15 13 00-0309	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,399.23	698.60
27 15 13 00-0310	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,480.70	722.84
27 15 13 00-0311	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,603.29	771.32
27 15 13 00-0312	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,737.27	819.79
27 15 13 00-0313	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,945.16	916.73
27 15 13 00-0314	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,649.86	1,208.61
27 15 13 00-0315	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,996.61	1,784.98
27 15 13 00-0316	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,182.47	1,827.13
27 15 13 00-0317	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,939.37	2,127.44
27 15 13 00-0318	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,294.81	2,277.07
27 15 13 00-0319	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,440.71	2,846.07
27 15 13 00-0320	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,647.08	3,746.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0321	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,473.28	6,901.79
27 15 13 00-0322	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,163.27	9,133.54
27 15 13 00-0323	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,930.85	11,509.65
27 15 13 00-0324	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	44,721.14	15,787.71
27 15 13 00-0325		**Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0326	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,639.12	814.51
27 15 13 00-0327	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,910.38	844.02
27 15 13 00-0328	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,075.10	873.52
27 15 13 00-0329	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,298.98	903.03
27 15 13 00-0330	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,556.16	963.09
27 15 13 00-0331	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,811.25	1,024.20
27 15 13 00-0332	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,421.44	1,146.43
27 15 13 00-0333	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,435.20	1,509.96
27 15 13 00-0334	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,624.42	2,230.70
27 15 13 00-0335	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,433.67	716.52
27 15 13 00-0336	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,666.24	742.86
27 15 13 00-0337	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,808.25	769.20
27 15 13 00-0338	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,999.67	794.50
27 15 13 00-0339	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,220.95	848.23
27 15 13 00-0340	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,441.20	901.98
27 15 13 00-0341	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,965.08	1,008.40
27 15 13 00-0342	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,845.11	1,328.73
27 15 13 00-0343	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,741.77	1,963.06
27 15 13 00-0344	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,254.91	652.24
27 15 13 00-0345	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,454.70	675.42
27 15 13 00-0346	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,592.49	698.60
27 15 13 00-0347	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,848.31	722.84
27 15 13 00-0348	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,064.30	771.32
27 15 13 00-0349	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,493.86	819.79
27 15 13 00-0350	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,787.10	916.73
27 15 13 00-0351	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,505.33	1,208.61
27 15 13 00-0352	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,299.33	1,784.98
27 15 13 00-0353	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,630.74	1,827.13
27 15 13 00-0354	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,714.16	2,127.44
27 15 13 00-0355	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,204.23	2,277.07
27 15 13 00-0356	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,603.07	2,846.07
27 15 13 00-0357	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,707.03	3,746.98
27 15 13 00-0358	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	22,949.50	6,901.79
27 15 13 00-0359	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	35,596.93	9,133.54
27 15 13 00-0360	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	48,227.30	11,509.65
27 15 13 00-0361	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	68,248.29	15,786.65

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0362		MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,194.18	652.24
27 15 13 00-0363		MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,336.03	675.42
27 15 13 00-0364		MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,438.23	698.60
27 15 13 00-0365		MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,616.29	722.84
27 15 13 00-0366		MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,783.69	771.32
27 15 13 00-0367		MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,087.33	819.79
27 15 13 00-0368		MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,333.38	916.73
27 15 13 00-0369		MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,967.84	1,208.61
27 15 13 00-0370		MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,461.68	1,784.98
27 15 13 00-0371		MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,699.11	1,827.13
27 15 13 00-0372		MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,572.49	2,127.44
27 15 13 00-0373		MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,975.97	2,277.07
27 15 13 00-0374		MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,212.10	2,846.07
27 15 13 00-0375		MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,738.66	3,746.98
27 15 13 00-0376		MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	18,783.54	6,901.79
27 15 13 00-0377		MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	28,242.23	9,133.54
27 15 13 00-0378		MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	37,744.69	11,509.65
27 15 13 00-0379		MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	53,115.04	15,787.71

27 15 13 00-0380 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0381 Indoor Telecommunications Cable *(27 15 13 00-0380)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0382 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0381)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0382)*

27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0384)*

27 15 13 00-0386		MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	907.17	484.42
27 15 13 00-0387		MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	949.76	484.42
27 15 13 00-0388		MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	964.81	484.42
27 15 13 00-0389		MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,164.89	553.63
27 15 13 00-0390		MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,478.41	553.63
27 15 13 00-0391		MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,976.22	553.63
27 15 13 00-0392		MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,148.12	692.03
27 15 13 00-0393		MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,691.36	1,107.24
27 15 13 00-0394		MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	7,702.62	1,245.64
27 15 13 00-0395		MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,230.21	1,384.06
27 15 13 00-0396		MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	14,961.80	1,937.67
27 15 13 00-0397		MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	19,608.35	2,394.41
27 15 13 00-0398		MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	31,064.67	3,321.73
27 15 13 00-0399		MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	50,475.01	6,643.45
27 15 13 00-0400		MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	68,636.63	9,965.18

27 15 13 00-0401 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0384)*

27 15 13 00-0402		MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,714.53	968.84
			For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0403		MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,757.12	968.84
			For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0404		MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,772.17	968.84
			For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0405		MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,856.92	968.84
			For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0406		MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,170.44	968.84
			For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0407		MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,898.93	1,107.24
			For Work In Restricted Working Space, Add	*553.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0408	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,301.50	1,384.06
		For Work In Restricted Working Space, Add	*692.03*	
27 15 13 00-0409	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,614.06	1,660.87
		For Work In Restricted Working Space, Add	*830.43*	
27 15 13 00-0410	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	8,740.65	1,868.47
		For Work In Restricted Working Space, Add	*934.23*	
27 15 13 00-0411	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,383.58	2,076.08
		For Work In Restricted Working Space, Add	*1,038.04*	
27 15 13 00-0412	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,576.53	2,906.51
		For Work In Restricted Working Space, Add	*1,453.25*	
27 15 13 00-0413	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	21,615.23	3,598.54
		For Work In Restricted Working Space, Add	*1,799.27*	
27 15 13 00-0414	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	33,832.78	4,982.59
		For Work In Restricted Working Space, Add	*2,491.30*	
27 15 13 00-0415	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	56,011.22	9,965.18
		For Work In Restricted Working Space, Add	*4,982.59*	
27 15 13 00-0416	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	76,940.96	14,947.77
		For Work In Restricted Working Space, Add	*7,473.89*	

27 15 13 00-0417 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0418 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0417)*

27 15 13 00-0419	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,216.16	553.63
27 15 13 00-0420	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,793.94	692.03
27 15 13 00-0421	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,759.34	1,107.24
27 15 13 00-0422	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,574.02	1,384.06
27 15 13 00-0423	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	22,908.86	1,937.67
27 15 13 00-0424	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	29,843.98	2,394.41
27 15 13 00-0425	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	44,254.81	3,321.73

27 15 13 00-0426 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0417)*

27 15 13 00-0427	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,138.87	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0428	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	5,947.32	1,384.06
		For Work In Restricted Working Space, Add	*692.03*	
27 15 13 00-0429	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,682.04	1,660.87
		For Work In Restricted Working Space, Add	*830.43*	
27 15 13 00-0430	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,727.39	2,076.08
		For Work In Restricted Working Space, Add	*1,038.04*	
27 15 13 00-0431	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	24,523.59	2,906.51
		For Work In Restricted Working Space, Add	*1,453.25*	
27 15 13 00-0432	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	31,850.86	3,598.54
		For Work In Restricted Working Space, Add	*1,799.27*	
27 15 13 00-0433	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	47,022.92	4,982.59
		For Work In Restricted Working Space, Add	*2,491.30*	

27 15 13 00-0434 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0382)*

27 15 13 00-0435 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*

27 15 13 00-0436 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0435)*

27 15 13 00-0437	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	941.61	484.42
27 15 13 00-0438	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	984.03	484.42
27 15 13 00-0439	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,015.76	484.42
27 15 13 00-0440	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,222.09	553.63
27 15 13 00-0441	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,563.85	553.63
27 15 13 00-0442	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,490.24	553.63
27 15 13 00-0443	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,194.64	692.03
27 15 13 00-0444	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	7,884.08	1,107.24
27 15 13 00-0445	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	13,666.33	1,384.06
27 15 13 00-0446	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	20,484.15	1,937.67

27 15 13 00-0447 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0435)*

27 15 13 00-0448	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,748.97	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0449	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,791.39	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0450	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,823.12	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0451	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,914.12	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0452	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,255.88	968.84
		For Work In Restricted Working Space, Add	*484.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0453	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,412.95	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0454	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	5,348.02	1,384.06
		For Work In Restricted Working Space, Add	*692.03*	
27 15 13 00-0455	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	8,806.78	1,660.87
		For Work In Restricted Working Space, Add	*830.43*	
27 15 13 00-0456	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	14,819.70	2,076.08
		For Work In Restricted Working Space, Add	*1,038.04*	
27 15 13 00-0457	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	22,098.88	2,906.51
		For Work In Restricted Working Space, Add	*1,453.25*	
27 15 13 00-0458		Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0459		Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0458)*		
27 15 13 00-0460		Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0459)*		
27 15 13 00-0461	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,041.24	484.42
27 15 13 00-0462	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,096.02	484.42
27 15 13 00-0463	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,212.40	553.63
27 15 13 00-0464	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,267.16	553.63
27 15 13 00-0465		Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0459)*		
27 15 13 00-0466	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,848.60	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0467	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,903.38	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0468	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,135.11	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0469	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,189.87	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0470		Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0458)*		
27 15 13 00-0471		Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0470)*		
27 15 13 00-0472	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,242.68	484.42
27 15 13 00-0473	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,786.03	553.63
27 15 13 00-0474		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0470)*		
27 15 13 00-0475	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,050.04	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0476	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,708.74	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0477		Category 6, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0478		Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0477)*		
27 15 13 00-0479		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0478)*		
27 15 13 00-0480	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,509.82	484.42
27 15 13 00-0481	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,588.36	484.42
27 15 13 00-0482		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0478)*		
27 15 13 00-0483	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,317.18	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0484	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,395.72	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0485		Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0477)*		
27 15 13 00-0486		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0485)*		
27 15 13 00-0487	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,236.51	484.42
27 15 13 00-0488		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0485)*		
27 15 13 00-0489	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	3,043.87	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0490		Category 6a, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0491		Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0490)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0492		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0491)*		
27 15 13 00-0493	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,635.31	484.42
27 15 13 00-0494		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0491)*		
27 15 13 00-0495	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	2,442.67	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0496		Category 6a, Indoor Telecommunications Plenum Cable *(27 15 13 00-0490)*		
27 15 13 00-0497		Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0496)*		
27 15 13 00-0498	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,607.95	484.42
27 15 13 00-0499		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0496)*		
27 15 13 00-0500	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	3,415.31	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 13 00-0501		Category 7, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0502		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0501)*		
27 15 13 00-0503	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	4,114.46	553.63
27 15 13 00-0504	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,713.97	553.63
27 15 13 00-0505		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0501)*		
27 15 13 00-0506	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	5,037.17	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0507	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	9,636.68	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 13 00-0508		Outdoor Telecommunications Cable *(27 15 13 00-0380)* Note: Cable buried in trench excludes excavation.		
27 15 13 00-0509		PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0511		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0510)*		
27 15 13 00-0512	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,573.68	553.63
27 15 13 00-0513	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,849.02	968.84
27 15 13 00-0514	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,557.50	622.83
27 15 13 00-0515	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,802.81	692.03
27 15 13 00-0516	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,387.28	968.84
27 15 13 00-0517	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,743.69	1,107.24
27 15 13 00-0518	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,370.89	1,245.64
27 15 13 00-0519	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,705.47	1,799.27
27 15 13 00-0520	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	22,125.62	2,352.89
27 15 13 00-0521	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	30,044.90	3,183.32
27 15 13 00-0522	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	47,874.27	6,366.64
27 15 13 00-0523	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	65,661.24	9,411.55
27 15 13 00-0524		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0510)*		
27 15 13 00-0525	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,400.67	
27 15 13 00-0526	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,676.01	
27 15 13 00-0527	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,326.83	
27 15 13 00-0528	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,572.13	
27 15 13 00-0529	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,041.27	
27 15 13 00-0530	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,167.00	
27 15 13 00-0531	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,140.22	
27 15 13 00-0532	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,013.45	
27 15 13 00-0533	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,683.90	
27 15 13 00-0534	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	27,507.48	
27 15 13 00-0535	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	40,954.00	
27 15 13 00-0536	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	55,511.51	
27 15 13 00-0537		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0538		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0537)*		
27 15 13 00-0539	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,748.72	553.63
27 15 13 00-0540	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,176.05	553.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0541	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,226.91	622.83
27 15 13 00-0542	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,994.29	692.03
27 15 13 00-0543	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,249.23	968.84
27 15 13 00-0544	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,274.97	1,107.24
27 15 13 00-0545	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,254.09	1,245.64
27 15 13 00-0546	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	23,669.89	1,799.27
27 15 13 00-0547	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	31,514.26	2,352.89
27 15 13 00-0548	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	46,440.43	3,183.32
27 15 13 00-0549	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	68,580.46	6,366.64
27 15 13 00-0550	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	96,639.60	9,411.55
27 15 13 00-0551		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0537)*		
27 15 13 00-0552	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,575.71	
27 15 13 00-0553	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,003.04	
27 15 13 00-0554	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,996.24	
27 15 13 00-0555	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,763.61	
27 15 13 00-0556	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,903.22	
27 15 13 00-0557	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,928.95	
27 15 13 00-0558	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,023.42	
27 15 13 00-0559	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,977.87	
27 15 13 00-0560	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	30,072.54	
27 15 13 00-0561	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	43,903.01	
27 15 13 00-0562	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	61,660.19	
27 15 13 00-0563	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	86,489.87	
27 15 13 00-0564		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0565		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0564)*		
27 15 13 00-0566	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,290.58	622.83
27 15 13 00-0567	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,028.09	692.03
27 15 13 00-0568	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,424.63	968.84
27 15 13 00-0569	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	17,264.77	1,107.24
27 15 13 00-0570		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0564)*		
27 15 13 00-0571	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,059.91	
27 15 13 00-0572	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,797.41	
27 15 13 00-0573	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,078.62	
27 15 13 00-0574	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,918.75	
27 15 13 00-0575		PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0576		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0577		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0576)*		
27 15 13 00-0578	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,290.32	968.84
27 15 13 00-0579	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,627.17	968.84
27 15 13 00-0580	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,306.76	968.84
27 15 13 00-0581	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,530.56	968.84
27 15 13 00-0582	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,012.62	968.84
27 15 13 00-0583	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,513.48	1,245.64
27 15 13 00-0584	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,264.01	1,799.27
27 15 13 00-0585	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	24,024.68	2,352.89
27 15 13 00-0586	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	32,817.68	3,183.32
27 15 13 00-0587	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	51,460.16	6,366.64
27 15 13 00-0588	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	74,961.58	9,411.55
27 15 13 00-0589		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0576)*		
27 15 13 00-0590	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,944.31	
27 15 13 00-0591	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,281.16	
27 15 13 00-0592	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,960.75	
27 15 13 00-0593	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,184.55	
27 15 13 00-0594	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,666.61	
27 15 13 00-0595	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,282.81	
27 15 13 00-0596	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	17,571.99	
27 15 13 00-0597	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,582.96	
27 15 13 00-0598	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	30,280.26	
27 15 13 00-0599	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	44,539.89	
27 15 13 00-0600	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	64,811.85	
27 15 13 00-0601		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0602		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0601)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0603	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,485.06	968.84
27 15 13 00-0604	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,980.05	968.84
27 15 13 00-0605	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,033.42	968.84
27 15 13 00-0606	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,971.24	968.84
27 15 13 00-0607	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,015.22	968.84
27 15 13 00-0608	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,291.91	1,245.64
27 15 13 00-0609	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	26,793.70	1,799.27
27 15 13 00-0610	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	34,341.17	2,352.89
27 15 13 00-0611	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	47,933.71	3,183.32
27 15 13 00-0612	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	75,936.51	6,366.64
27 15 13 00-0613		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0601)*		
27 15 13 00-0614	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,139.05	
27 15 13 00-0615	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,634.04	
27 15 13 00-0616	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,687.41	
27 15 13 00-0617	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,625.23	
27 15 13 00-0618	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,669.21	
27 15 13 00-0619	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,061.24	
27 15 13 00-0620	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	26,101.68	
27 15 13 00-0621	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	32,899.45	
27 15 13 00-0622	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	45,396.29	
27 15 13 00-0623	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	69,016.24	
27 15 13 00-0624		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0625		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0624)*		
27 15 13 00-0626	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,366.87	968.84
27 15 13 00-0627	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,297.03	968.84
27 15 13 00-0628	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,446.78	968.84
27 15 13 00-0629		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0624)*		
27 15 13 00-0630	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,020.86	
27 15 13 00-0631	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,951.02	
27 15 13 00-0632	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,100.77	
27 15 13 00-0633		(Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes support wire.		
27 15 13 00-0634		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0635	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,911.12	1,985.03
27 15 13 00-0636	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,191.40	1,985.03
27 15 13 00-0637	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,887.28	1,985.03
27 15 13 00-0638	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,175.68	1,985.03
27 15 13 00-0639	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,664.20	1,985.03
27 15 13 00-0640	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	17,090.80	2,183.53
27 15 13 00-0641	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	22,548.19	2,382.03
27 15 13 00-0642		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0643	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,246.44	1,985.03
27 15 13 00-0644	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,660.54	1,985.03
27 15 13 00-0645	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,657.93	1,985.03
27 15 13 00-0646	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,628.36	1,985.03
27 15 13 00-0647	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	15,153.60	1,985.03
27 15 13 00-0648	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	23,213.64	2,183.53
27 15 13 00-0649		19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0650	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,689.77	1,985.03
27 15 13 00-0651	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,626.23	1,985.03
27 15 13 00-0652	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,467.46	1,985.03
27 15 13 00-0653	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	14,149.94	1,985.03
27 15 13 00-0654	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	21,738.06	1,985.03
27 15 13 00-0655		Sound System Cables *(27 15 13)* Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656		Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0655)*		
27 15 13 00-0657		Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0658	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,795.65	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0659	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,687.56	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0660	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,604.19	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0661	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,695.36	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0662	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,988.40	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0663	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,280.46	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0664	MLF	4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,989.63	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0665	MLF	4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,848.92	737.60
		For Work In Restricted Working Space, Add	*442.56*	

27 15 13 00-0666 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*

27 15 13 00-0667	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,840.31	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0668	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,715.97	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0669	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,645.59	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0670	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,763.02	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0671	MLF	8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,011.13	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0672	MLF	2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,983.76	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0673	MLF	2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,811.77	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0674	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,104.12	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0675	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,395.67	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0676	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,680.88	737.60
		For Work In Restricted Working Space, Add	*442.56*	
27 15 13 00-0677	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,738.97	737.60
		For Work In Restricted Working Space, Add	*442.56*	

27 15 13 00-0678 Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0655)*

27 15 13 00-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*

27 15 13 00-0680	MLF	2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,058.06	368.79
27 15 13 00-0681	MLF	2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	949.97	368.79
27 15 13 00-0682	MLF	2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	866.60	368.79
27 15 13 00-0683	MLF	4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	957.77	368.79
27 15 13 00-0684	MLF	4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,250.81	368.79
27 15 13 00-0685	MLF	6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,542.87	368.79
27 15 13 00-0686	MLF	4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,252.04	368.79
27 15 13 00-0687	MLF	4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,111.33	368.79

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0688			Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*		
27 15 13 00-0689		MLF	2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,102.72	368.79
27 15 13 00-0690		MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	978.38	368.79
27 15 13 00-0691		MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	908.00	368.79
27 15 13 00-0692		MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,025.43	368.79
27 15 13 00-0693		MLF	8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,273.54	368.79
27 15 13 00-0694		MLF	2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,246.17	368.79
27 15 13 00-0695		MLF	2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,074.18	368.79
27 15 13 00-0696		MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,366.53	368.79
27 15 13 00-0697		MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,658.08	368.79
27 15 13 00-0698		MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	1,001.38	368.79
27 15 13 00-0699		MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	943.29	368.79
27 15 23			**Communications Optical Fiber Horizontal Cabling** *(27 15)* Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 23 00-0001			Indoor Fiber Optic Cable *(27 15 23)* Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 15 23 00-0002			Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)* Note: Excludes conduit or innerduct.		
27 15 23 00-0003			Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*		
27 15 23 00-0004			Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*		
27 15 23 00-0005			Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0006		MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,005.17	415.21
27 15 23 00-0007		MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,099.54	415.21
27 15 23 00-0008		MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,131.05	415.21
27 15 23 00-0009		MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,243.27	415.21
			For Aluminum Armored Cable, Add	*1,228.66*	
			For Steel Armored Cable, Add	*3,123.02*	
27 15 23 00-0010		MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,275.44	415.21
27 15 23 00-0011		MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,469.92	415.21
			For Aluminum Armored Cable, Add	*1,350.79*	
			For Steel Armored Cable, Add	*3,412.91*	
27 15 23 00-0012		MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,526.57	484.42
27 15 23 00-0013		MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,565.43	484.42
			For Aluminum Armored Cable With Sub-Units, Add	*1,782.88*	
			For Steel Armored Cable, Add	*5,773.15*	
27 15 23 00-0014		MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,354.98	484.42
			For Aluminum Armored Cable With Sub-Units, Add	*1,879.49*	
			For Steel Armored Cable, Add	*5,970.79*	
27 15 23 00-0015		MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,508.11	484.42
			For Aluminum Armored Cable With Sub-Units, Add	*1,971.96*	
			For Steel Armored Cable, Add	*6,243.21*	
27 15 23 00-0016		MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,473.77	484.42
27 15 23 00-0017		MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,730.57	484.42
27 15 23 00-0018		MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,081.34	484.42
27 15 23 00-0019		MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,518.70	553.63
27 15 23 00-0020		MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,360.70	553.63
27 15 23 00-0021			50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0022		MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,032.35	415.21
27 15 23 00-0023		MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,202.27	415.21
27 15 23 00-0024		MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,505.23	415.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,824.13	415.21
		For Aluminum Armored Cable, Add	*795.86*	
		For Steel Armored Cable, Add	*1,090.93*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,127.08	415.21
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,748.93	415.21
		For Aluminum Armored Cable, Add	*669.26*	
		For Steel Armored Cable, Add	*1,053.72*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,023.73	484.42
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,271.97	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*1,024.86*	
		For Steel Armored Cable, Add	*1,024.86*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,504.27	484.42
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,736.57	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*1,828.89*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,968.87	484.42
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,201.17	484.42
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,681.71	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*7,876.83*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,261.64	553.63
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,726.24	553.63
27 15 23 00-0037		62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,049.36	415.21
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,227.78	415.21
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,545.88	415.21
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,880.73	415.21
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,198.83	415.21
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,851.78	415.21
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,134.54	484.42
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,495.20	484.42
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,839.11	484.42
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,183.03	484.42
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,526.95	484.42
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,870.86	484.42
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,575.43	484.42
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	24,378.59	553.63
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	29,066.42	553.63
27 15 23 00-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*		
27 15 23 00-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,879.84	415.21
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,231.79	415.21
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,006.09	415.21
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,375.60	415.21
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,893.02	415.21
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,218.55	484.42
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,840.45	484.42
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,057.81	484.42
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,565.44	484.42

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,419.34	415.21
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,963.95	415.21
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,861.90	415.21
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,196.49	415.21
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,750.71	415.21
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,705.18	484.42
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,705.29	484.42
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,072.76	484.42
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,943.71	484.42
27 15 23 00-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,505.70	415.21
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,077.55	415.21
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,020.39	415.21
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,421.72	415.21
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,003.64	415.21
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,050.07	484.42
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,150.18	484.42
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,586.03	484.42
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,750.53	484.42
27 15 23 00-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*		
27 15 23 00-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*		
27 15 23 00-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,060.43	415.21
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,065.99	415.21
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,357.84	415.21
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,391.99	415.21
		For Aluminum Armored Cable, Add	*875.86*	
		For Steel Armored Cable, Add	*5,287.11*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,563.90	415.21
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,596.07	415.21
		For Aluminum Armored Cable, Add	*891.26*	
		For Steel Armored Cable, Add	*5,651.38*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,754.57	484.42
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,859.77	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*1,102.58*	
		For Steel Armored Cable, Add	*5,452.20*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,785.11	484.42
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,991.17	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*1,690.49*	
		For Steel Armored Cable, Add	*6,490.98*	
27 15 23 00-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,668.13	484.42
27 15 23 00-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,458.59	484.42
27 15 23 00-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,179.52	484.42
27 15 23 00-0100		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,030.52	415.21
27 15 23 00-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,465.88	415.21
27 15 23 00-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,939.94	415.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,423.51	415.21
		For Aluminum Armored Cable, Add	*199.28*	
		For Steel Armored Cable, Add	*559.61*	
27 15 23 00-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,886.86	415.21
27 15 23 00-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,289.44	415.21
		For Aluminum Armored Cable, Add	*104.19*	
		For Steel Armored Cable, Add	*513.21*	
27 15 23 00-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,197.16	484.42
27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,635.73	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*2,028.51*	
		For Steel Armored Cable, Add	*4,731.08*	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,049.91	484.42
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,464.09	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*6,023.59*	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,878.27	484.42
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,292.45	484.42
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	28,145.20	484.42
		For Aluminum Armored Cable With Sub-Units, Add	*12,047.18*	

27 15 23 00-0114 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,047.44	415.21
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,504.57	415.21
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,002.33	415.21
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,510.08	415.21
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,996.60	415.21
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,419.31	415.21
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,366.65	484.42
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,977.15	484.42
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,562.04	484.42
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,146.93	484.42
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,731.81	484.42
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,316.70	484.42
27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	29,512.09	484.42

27 15 23 00-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

27 15 23 00-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,956.20	415.21
27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,384.42	415.21
27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,413.86	415.21
27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,422.75	415.21
27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,032.92	415.21
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,028.36	484.42
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,462.34	484.42
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,495.52	484.42
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,830.34	484.42

27 15 23 00-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,066.30	415.21
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,343.72	415.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,623.85	415.21
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,785.94	415.21
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,588.70	415.21
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,878.54	484.42
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,666.97	484.42
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,603.01	484.42
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	32,998.21	484.42
27 15 23 00-0149		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,285.02	415.21
27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,626.30	415.21
27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,020.44	415.21
27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,240.64	415.21
27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,133.54	415.21
27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,632.09	484.42
27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,559.95	484.42
27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,592.79	484.42
27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	34,607.75	484.42
27 15 23 00-0159		Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0160		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0161		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*		
27 15 23 00-0162		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*		
27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,235.84	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,330.21	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,361.72	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,473.94	553.63
		For Aluminum Armored Cable, Add	*1,228.66*	
		For Steel Armored Cable, Add	*3,123.02*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,506.11	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,700.59	553.63
		For Aluminum Armored Cable, Add	*1,350.79*	
		For Steel Armored Cable, Add	*3,412.91*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,757.24	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,796.10	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,782.88*	
		For Steel Armored Cable, Add	*5,773.15*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,585.65	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,879.49*	
		For Steel Armored Cable, Add	*5,970.79*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,738.78	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,971.96*	
		For Steel Armored Cable, Add	*6,243.21*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,704.44	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,961.24	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,312.01	622.83
		For Work In Restricted Working Space, Add	*311.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,749.38	692.03
		For Work In Restricted Working Space, Add	*346.01*	
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,591.38	692.03
		For Work In Restricted Working Space, Add	*346.01*	

27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,263.02	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,432.94	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,735.90	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,054.80	553.63
		For Aluminum Armored Cable, Add	*795.86*	
		For Steel Armored Cable, Add	*1,090.93*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,357.75	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,979.60	553.63
		For Aluminum Armored Cable, Add	*669.26*	
		For Steel Armored Cable, Add	*1,053.72*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,254.40	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,502.64	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,024.86*	
		For Steel Armored Cable, Add	*1,024.86*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,734.94	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,967.24	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,828.89*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,199.54	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,431.84	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,912.38	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*7,876.83*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,492.32	692.03
		For Work In Restricted Working Space, Add	*346.01*	
27 15 23 00-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,956.92	692.03
		For Work In Restricted Working Space, Add	*346.01*	

27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,280.03	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,458.45	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,776.55	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,111.40	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,429.50	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,082.45	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,365.21	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,725.87	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,069.78	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,413.70	622.83
		For Work In Restricted Working Space, Add	*311.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,757.62	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,101.53	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,806.10	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,609.27	692.03
		For Work In Restricted Working Space, Add	*346.01*	
27 15 23 00-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	29,297.10	692.03
		For Work In Restricted Working Space, Add	*346.01*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,110.51	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,462.46	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,236.76	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,606.27	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,123.69	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,449.22	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,071.12	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,288.48	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,796.11	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,650.01	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,194.62	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,092.57	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,427.16	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,981.38	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,935.85	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,935.96	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,303.43	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,174.38	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,736.37	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,308.22	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,251.06	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,652.39	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,234.31	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,280.74	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,380.85	622.83
		For Work In Restricted Working Space, Add	*311.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,816.70	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,981.20	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

27 15 23 00-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,291.10	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,296.66	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,588.51	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,622.66	553.63
		For Aluminum Armored Cable, Add	*875.86*	
		For Steel Armored Cable, Add	*5,287.11*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,794.57	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,826.74	553.63
		For Aluminum Armored Cable, Add	*891.26*	
		For Steel Armored Cable, Add	*5,651.38*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,985.24	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,090.44	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,102.58*	
		For Steel Armored Cable, Add	*5,452.20*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,015.78	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,221.84	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*1,690.49*	
		For Steel Armored Cable, Add	*6,490.98*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,898.80	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,689.26	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,410.19	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,261.19	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,696.55	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,170.61	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,654.18	553.63
		For Aluminum Armored Cable, Add	*199.28*	
		For Steel Armored Cable, Add	*559.61*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,117.53	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,520.11	553.63
		For Aluminum Armored Cable, Add	*104.19*	
		For Steel Armored Cable, Add	*513.21*	
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,427.83	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,866.40	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*2,028.51*	
		For Steel Armored Cable, Add	*4,731.08*	
		For Work In Restricted Working Space, Add	*311.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,280.58	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,694.76	622.83
		For Aluminum Armored Cable With Sub-Units, Add	*6,023.59*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,108.94	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,523.12	622.83
		For Work In Restricted Working Space, Add	*311.41*	
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,375.87	622.83
		For Work In Restricted Working Space, Add	*311.41*	
		For Aluminum Armored Cable With Sub-Units, Add	*12,047.18*	
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,278.11	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,735.24	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,233.00	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,740.75	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,227.27	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,649.98	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,597.32	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,207.82	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,792.71	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,377.60	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,962.48	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,547.37	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	29,742.76	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,186.87	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,615.09	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,644.53	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,653.42	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,263.59	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,259.03	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,693.01	622.83
		For Work In Restricted Working Space, Add	*311.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,726.19	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,061.01	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,296.97	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,574.39	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,854.52	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,016.61	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,819.37	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,109.21	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,897.64	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,833.68	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	33,228.88	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,515.69	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,856.97	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,251.11	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,471.31	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,364.21	553.63
		For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,862.76	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,790.62	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,823.46	622.83
		For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	34,838.42	622.83
		For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 15 23 00-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*

27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,458.99	415.21
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,496.27	415.21
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,805.53	484.42
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,176.45	484.42

27 15 23 00-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*

27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,745.95	415.21

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0324		MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,536.65	415.21
27 15 23 00-0325		MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,898.64	484.42
27 15 23 00-0326		MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	11,930.95	484.42

27 15 23 00-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0329		MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,689.66	553.63
			For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0330		MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,726.94	553.63
			For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0331		MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,036.20	622.83
			For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0332		MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,407.12	622.83
			For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0334		MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,976.62	553.63
			For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0335		MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,767.32	553.63
			For Work In Restricted Working Space, Add	*276.81*	
27 15 23 00-0336		MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,129.31	622.83
			For Work In Restricted Working Space, Add	*311.41*	
27 15 23 00-0337		MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	12,161.62	622.83
			For Work In Restricted Working Space, Add	*311.41*	

27 15 23 00-0338 Outdoor Fiber Optic Cable *(27 15 23)*

Note: Cable buried in trench excludes excavation.

27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Excludes conduit or innerduct.

27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0342		MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,946.07	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*274.52*	
27 15 23 00-0343		MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,980.24	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*276.79*	
27 15 23 00-0344		MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,014.47	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*278.99*	
27 15 23 00-0345		MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,048.67	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*281.67*	
27 15 23 00-0346		MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,116.62	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*254.87*	
27 15 23 00-0347		MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,255.63	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*283.96*	
27 15 23 00-0348		MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,327.09	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*223.55*	
27 15 23 00-0349		MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,349.13	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*261.29*	
27 15 23 00-0350		MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,758.08	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*287.46*	
27 15 23 00-0351		MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,983.54	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*287.44*	
27 15 23 00-0352		MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,276.06	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*339.73*	
27 15 23 00-0353		MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,791.04	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*326.17*	
27 15 23 00-0354		MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,353.72	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*396.07*	
27 15 23 00-0355		MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,942.62	830.43
			For Corrugated Coated Steel Tape Armored Cable, Add	*265.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0356		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,361.90	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*94.66*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,417.39	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.42*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,533.68	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*197.88*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,692.25	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*80.66*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,758.32	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*110.74*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,982.95	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*147.36*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,458.66	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*139.15*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,159.00	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.56*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,938.63	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*199.18*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,480.40	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*331.16*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,180.74	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*840.82*	
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,806.06	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*480.50*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,418.17	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*587.14*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	11,030.28	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*707.53*	
27 15 23 00-0371		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,708.93	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.40*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,821.79	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.89*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,934.49	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*134.18*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,073.70	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.76*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,273.08	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.30*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,625.58	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*169.77*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,959.49	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*195.24*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,598.54	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.96*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,346.01	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.46*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,036.39	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.43*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,765.06	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*303.82*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,238.81	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*341.60*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,736.22	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.68*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,256.74	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*356.11*	
27 15 23 00-0386		Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*		
27 15 23 00-0387		Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*		
27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,141.79	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.94*	
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,208.43	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*311.37*	
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,228.43	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*298.40*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,308.27	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*248.41*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,333.18	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.89*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,445.06	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.58*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,545.38	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*284.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,705.41	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*361.31*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,930.87	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*366.03*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,155.46	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*379.21*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,459.94	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*326.18*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,952.46	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*425.39*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,596.80	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*418.87*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,124.08	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*334.59*	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,366.46	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*307.00*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,599.78	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*171.92*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,906.78	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.84*	
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,054.14	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.40*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,201.50	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.40*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,545.34	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*73.68*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,852.34	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*282.44*	
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,515.46	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*552.60*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,178.58	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*921.00*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,731.18	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,013.10*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,455.70	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,289.40*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,966.14	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,903.40*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,727.50	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,436.76*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,680.02	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,499.80*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,785.14	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*147.36*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,895.66	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.29*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,006.00	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*171.22*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,116.52	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*183.13*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,402.81	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*196.97*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,683.54	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*230.82*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,027.54	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.71*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,693.38	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*309.76*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,371.66	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*354.90*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,052.28	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*395.21*	
27 15 23 00-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,767.94	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*440.71*	
27 15 23 00-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,220.21	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*519.66*	
27 15 23 00-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,094.67	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*537.20*	
27 15 23 00-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,193.18	830.43
		For Corrugated Coated Steel Tape Armored Cable, Add	*554.56*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0433		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*		
27 15 23 00-0434		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,830.73	
		For Corrugated Coated Steel Tape Armored Cable, Add	*274.52*	
27 15 23 00-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,864.90	
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.79*	
27 15 23 00-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,899.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.99*	
27 15 23 00-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,933.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.67*	
27 15 23 00-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,001.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*254.87*	
27 15 23 00-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,140.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.96*	
27 15 23 00-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,211.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.55*	
27 15 23 00-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,233.79	
		For Corrugated Coated Steel Tape Armored Cable, Add	*261.29*	
27 15 23 00-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,642.74	
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.46*	
27 15 23 00-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,155.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.44*	
27 15 23 00-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,500.45	
		For Corrugated Coated Steel Tape Armored Cable, Add	*339.73*	
27 15 23 00-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,675.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*326.17*	
27 15 23 00-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,238.38	
		For Corrugated Coated Steel Tape Armored Cable, Add	*396.07*	
27 15 23 00-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,827.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*265.13*	
27 15 23 00-0449		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,246.56	
		For Corrugated Coated Steel Tape Armored Cable, Add	*94.66*	
27 15 23 00-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,302.05	
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.42*	
27 15 23 00-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,418.34	
		For Corrugated Coated Steel Tape Armored Cable, Add	*197.88*	
27 15 23 00-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,576.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*80.56*	
27 15 23 00-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,642.98	
		For Corrugated Coated Steel Tape Armored Cable, Add	*110.74*	
27 15 23 00-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,867.61	
		For Corrugated Coated Steel Tape Armored Cable, Add	*147.36*	
27 15 23 00-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,343.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*139.15*	
27 15 23 00-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,043.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.56*	
27 15 23 00-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,823.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*199.18*	
27 15 23 00-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,365.06	
		For Corrugated Coated Steel Tape Armored Cable, Add	*331.16*	
27 15 23 00-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,065.40	
		For Corrugated Coated Steel Tape Armored Cable, Add	*840.82*	
27 15 23 00-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,690.72	
		For Corrugated Coated Steel Tape Armored Cable, Add	*480.50*	
27 15 23 00-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,302.83	
		For Corrugated Coated Steel Tape Armored Cable, Add	*587.14*	
27 15 23 00-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,914.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*707.53*	
27 15 23 00-0464		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,593.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.40*	
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,706.45	
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.89*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,819.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*134.18*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,958.36	
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.76*	
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,157.74	
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.30*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,510.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*169.77*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,844.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*195.24*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,483.20	
		For Corrugated Coated Steel Tape Armored Cable, Add		*216.96*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,230.67	
		For Corrugated Coated Steel Tape Armored Cable, Add		*249.46*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,921.05	
		For Corrugated Coated Steel Tape Armored Cable, Add		*268.43*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		5,649.72	
		For Corrugated Coated Steel Tape Armored Cable, Add		*303.82*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		7,123.47	
		For Corrugated Coated Steel Tape Armored Cable, Add		*341.60*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		8,620.88	
		For Corrugated Coated Steel Tape Armored Cable, Add		*387.68*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		10,141.40	
		For Corrugated Coated Steel Tape Armored Cable, Add		*356.11*	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,026.45	
		For Corrugated Coated Steel Tape Armored Cable, Add		*216.94*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,093.09	
		For Corrugated Coated Steel Tape Armored Cable, Add		*311.37*	
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,113.09	
		For Corrugated Coated Steel Tape Armored Cable, Add		*298.40*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,192.93	
		For Corrugated Coated Steel Tape Armored Cable, Add		*248.41*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,217.84	
		For Corrugated Coated Steel Tape Armored Cable, Add		*296.89*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,329.72	
		For Corrugated Coated Steel Tape Armored Cable, Add		*281.58*	
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,430.04	
		For Corrugated Coated Steel Tape Armored Cable, Add		*284.92*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,590.07	
		For Corrugated Coated Steel Tape Armored Cable, Add		*361.31*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,815.53	
		For Corrugated Coated Steel Tape Armored Cable, Add		*366.03*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,040.12	
		For Corrugated Coated Steel Tape Armored Cable, Add		*379.21*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,344.60	
		For Corrugated Coated Steel Tape Armored Cable, Add		*326.18*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,837.12	
		For Corrugated Coated Steel Tape Armored Cable, Add		*425.39*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,481.46	
		For Corrugated Coated Steel Tape Armored Cable, Add		*418.87*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		5,008.74	
		For Corrugated Coated Steel Tape Armored Cable, Add		*334.59*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,251.12	
		For Corrugated Coated Steel Tape Armored Cable, Add		*307.00*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,484.44	
		For Corrugated Coated Steel Tape Armored Cable, Add		*171.92*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,791.44	
		For Corrugated Coated Steel Tape Armored Cable, Add		*36.84*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,938.80	
		For Corrugated Coated Steel Tape Armored Cable, Add		*61.40*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,086.16	
		For Corrugated Coated Steel Tape Armored Cable, Add		*61.40*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,430.00	
		For Corrugated Coated Steel Tape Armored Cable, Add		*73.68*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,737.00	
		For Corrugated Coated Steel Tape Armored Cable, Add		*282.44*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,400.12	
		For Corrugated Coated Steel Tape Armored Cable, Add		*552.60*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		5,063.24	
		For Corrugated Coated Steel Tape Armored Cable, Add		*921.00*	
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		5,615.84	
		For Corrugated Coated Steel Tape Armored Cable, Add		*1,013.10*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		6,340.36	
		For Corrugated Coated Steel Tape Armored Cable, Add		*1,289.40*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		7,850.80	
		For Corrugated Coated Steel Tape Armored Cable, Add		*1,903.40*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		8,612.16	
		For Corrugated Coated Steel Tape Armored Cable, Add		*1,436.76*	
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		10,564.68	
		For Corrugated Coated Steel Tape Armored Cable, Add		*3,499.80*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0510		62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*			
27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		1,669.80	
		For Corrugated Coated Steel Tape Armored Cable, Add		*147.36*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		1,780.32	
		For Corrugated Coated Steel Tape Armored Cable, Add		*159.29*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		1,890.66	
		For Corrugated Coated Steel Tape Armored Cable, Add		*171.22*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,001.18	
		For Corrugated Coated Steel Tape Armored Cable, Add		*183.13*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,287.47	
		For Corrugated Coated Steel Tape Armored Cable, Add		*196.97*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,568.20	
		For Corrugated Coated Steel Tape Armored Cable, Add		*230.82*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		2,912.20	
		For Corrugated Coated Steel Tape Armored Cable, Add		*250.71*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		3,578.04	
		For Corrugated Coated Steel Tape Armored Cable, Add		*309.76*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,256.32	
		For Corrugated Coated Steel Tape Armored Cable, Add		*354.90*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		4,936.94	
		For Corrugated Coated Steel Tape Armored Cable, Add		*395.21*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		5,652.60	
		For Corrugated Coated Steel Tape Armored Cable, Add		*440.71*	
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		7,104.87	
		For Corrugated Coated Steel Tape Armored Cable, Add		*519.66*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		8,652.12	
		For Corrugated Coated Steel Tape Armored Cable, Add		*537.20*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench		10,077.84	
		For Corrugated Coated Steel Tape Armored Cable, Add		*554.56*	
27 15 23 00-0525		(Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*			
27 15 23 00-0526		Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*			
27 15 23 00-0527		Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*			
27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,259.66	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*183.61*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,293.61	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*188.36*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,328.02	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*192.99*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,361.98	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*189.30*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,429.93	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*220.68*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,564.10	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*229.43*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,666.43	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*253.58*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		9,909.72	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*243.14*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		10,122.49	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*282.48*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		10,298.37	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*270.87*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		10,517.78	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*309.69*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		11,093.62	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*314.54*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		11,711.44	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*375.33*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles		11,859.55	3,176.01
		For Corrugated Coated Steel Tape Armored Cable, Add		*403.02*	
27 15 23 00-0542		Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*			
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.			
27 15 23 00-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*			
27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit		3,756.24	692.03
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit		4,750.44	692.03
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit		6,965.17	692.03
27 15 23 00-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*			

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,024.29	692.03
27 15 23 00-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,589.28	692.03
27 15 23 00-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	8,060.71	692.03
27 15 23 00-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,640.90	634.35
27 15 23 00-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,635.10	634.35
27 15 23 00-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,849.83	634.35
27 15 23 00-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,908.95	634.35
27 15 23 00-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,473.94	634.35
27 15 23 00-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,945.37	634.35
27 15 33		**Communications Coaxial Horizontal Cabling** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001		Indoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0002		Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*		
27 15 33 00-0003		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*		
27 15 33 00-0004	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,273.35	484.42
27 15 33 00-0005	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	2,602.47	484.42
27 15 33 00-0006	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,147.09	553.63
27 15 33 00-0007	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	3,241.38	553.63
27 15 33 00-0008		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*		
27 15 33 00-0009	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,080.71	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 33 00-0010	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	3,409.83	968.84
		For Work In Restricted Working Space, Add	*484.42*	
27 15 33 00-0011	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,069.80	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 33 00-0012	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	4,164.09	1,107.24
		For Work In Restricted Working Space, Add	*553.62*	
27 15 33 00-0013		Coaxial Distribution Cable *(27 15 33 00-0001)*		
		Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0014	MLF	RG-6/U Coaxial Distribution Cable, Installed In Conduit	1,918.16	337.19
27 15 33 00-0015	MLF	RG-6A/U Coaxial Distribution Cable, Installed In Conduit	6,389.17	337.19
27 15 33 00-0016	MLF	RG-8/U Coaxial Distribution Cable, Installed In Conduit	3,504.99	356.15
27 15 33 00-0017	MLF	RG-8A/U Coaxial Distribution Cable, Installed In Conduit	4,344.84	356.15
27 15 33 00-0018	MLF	RG-11/U Coaxial Distribution Cable, Installed In Conduit	3,945.70	421.48
27 15 33 00-0019	MLF	RG-11A/U Coaxial Distribution Cable, Installed In Conduit	5,569.89	421.48
27 15 33 00-0020	MLF	RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	11,798.16	590.07
27 15 33 00-0021	MLF	RG-58/U Coaxial Distribution Cable, Installed In Conduit	1,450.67	295.04
27 15 33 00-0022	MLF	RG-58A/U Coaxial Distribution Cable, Installed In Conduit	1,617.09	295.04
27 15 33 00-0023	MLF	RG-58C/U Coaxial Distribution Cable, Installed In Conduit	1,910.25	295.04
27 15 33 00-0024	MLF	RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	4,562.73	590.07
27 15 33 00-0025	MLF	RG-59/U Coaxial Distribution Cable, Installed In Conduit	2,228.17	295.04
27 15 33 00-0026	MLF	RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	5,435.00	590.07
27 15 33 00-0027	MLF	1/2" Hard Line Coaxial, Installed In Conduit	2,001.43	421.48
27 15 33 00-0028		Outdoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 15 33 00-0028)*		
		Note: Corrugated steel armor jacket.		
27 15 33 00-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	5,794.52	1,577.61
27 15 33 00-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	3,723.41	1,109.66
27 15 33 00-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	2,973.59	654.67
27 15 33 00-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,807.83	654.67
27 15 33 00-0034	MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit	2,728.51	1,022.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 43 Communications Faceplates and Connectors *(27 15)*

27 15 43 00-0001 Wall Mounted Telephone Faceplates *(27 15 43)*
Note: Includes standard telephone mounting studs.

27 15 43 00-0002 Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*

27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	40.95	14.41

27 15 43 00-0004 Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*

27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	32.22	5.76
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	56.78	14.41
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	66.16	17.30
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	31.02	5.76
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	51.67	14.41
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	61.19	17.30

27 15 43 00-0011 Plastic Communications Faceplates *(27 15 43)*
Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.

27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	9.09	2.89
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	9.09	2.89
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	9.09	2.89
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	9.09	2.89
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	9.09	2.89
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	15.93	2.89
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	15.93	2.89
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	15.93	2.89
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	15.93	2.89
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	15.93	2.89

27 15 43 00-0022 Stainless Steel Communications Faceplates *(27 15 43)*
Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.

27 15 43 00-0023 Stainless Steel Communications Faceplates *(27 15 43 00-0022)*

27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	17.15	2.89
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	17.15	2.89
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	17.15	2.89
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	18.33	2.89
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	18.33	2.89
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	24.68	2.89
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	25.42	2.89
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	29.41	2.89
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	29.41	2.89
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	29.41	2.89

27 15 43 00-0034 Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*

27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	24.53	2.89
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	24.53	2.89
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	24.53	2.89
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	24.53	2.89
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	24.53	2.89
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	52.75	2.89
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	52.75	2.89
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	52.75	2.89
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	52.75	2.89
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	52.75	2.89

27 15 43 00-0045 Surface Mount Plastic Communication Boxes *(27 15 43)*
Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.

27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	33.10	14.44
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	33.84	14.44
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	38.94	14.44
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	44.99	14.44
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	51.35	14.44

27 15 43 00-0051 Snap-In Modular Jacks *(27 15 43)*
Note: Includes termination.

27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	31.52	11.56
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	33.15	11.56
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	38.02	11.56
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	38.02	11.56
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	43.49	11.56
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	44.32	11.56
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	23.21	5.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	35.21	11.56
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	39.35	11.56
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	47.48	11.56
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	6.54	2.89
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	7.82	2.89
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack Note: Includes female to female connection.	26.34	8.66
		For Gold Bulkhead, Add	*1.58*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack Note: Includes female to female connection.	26.64	8.66
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	53.16	11.56
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	65.13	11.56
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	32.70	11.56
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	34.43	5.77
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	37.58	11.56
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	42.01	11.56
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.	59.42	17.33
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	62.40	11.56

27 15 53 Communications Cable Innerduct *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 53 00-0001 Indoor Innerduct *(27 15 53)*

27 15 53 00-0002 Indoor Innerduct, Installed In Conduit *(27 15 53 00-0001)*

27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	4,569.24	1,730.07
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	5,911.40	2,306.76
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	7,867.11	2,883.44
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	9,185.68	3,460.13

27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	6,792.06	1,153.38
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,606.27	1,730.07
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	9,606.52	2,306.76
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	12,347.79	2,883.44
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	14,859.69	3,460.13

27 15 53 00-0014 Indoor Innerduct, Installed Exposed *(27 15 53 00-0001)*

27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	5,722.62	2,306.76
		For Work In Restricted Working Space, Add	*1,384.05*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	7,064.78	2,883.44
		For Work In Restricted Working Space, Add	*1,730.07*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	9,020.49	3,460.13
		For Work In Restricted Working Space, Add	*2,076.08*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	10,339.04	4,036.82
		For Work In Restricted Working Space, Add	*2,422.09*	

27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	7,945.44	1,730.07
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	8,759.65	2,306.76
		For Work In Restricted Working Space, Add	*1,384.05*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	10,759.90	2,883.44
		For Work In Restricted Working Space, Add	*1,730.07*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	13,501.17	3,460.13
		For Work In Restricted Working Space, Add	*2,076.08*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	16,013.05	4,036.82
		For Work In Restricted Working Space, Add	*2,422.09*	

27 15 53 00-0026 Outdoor Innerduct *(27 15 53)*

27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*

27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,286.06	1,730.07
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	5,493.82	2,306.76
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,022.78	2,883.44
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	8,386.65	3,460.13

27 15 53 00-0032 Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*

27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,132.69	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,340.44	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	5,869.40	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	7,233.27	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001 Fiber Optic Receivers *(27 16 16)*

27 16 16 00-0002 EA Fiber Optic Receiver, Range 6.2 Miles 802.52 57.66

27 16 16 00-0003 Fiber Optic Transmitters *(27 16 16)*

27 16 16 00-0004 EA Fiber Optic Transmitter, Range 6.2 Miles 802.51 57.66

27 16 16 00-0005 Fiber Optic Repeaters *(27 16 16)*

Note: Consist of transmitter and receiver, back-to-back. Excludes power source.

27 16 16 00-0006 EA Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power 917.85 115.34
27 16 16 00-0007 EA Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power 1,452.41 230.68

27 16 16 00-0008 Fiber Optic Transceivers *(27 16 16)*

27 16 16 00-0009 EA Fiber Optic Transceivers, 3,000 Miles Range 986.27 230.68
27 16 16 00-0010 EA Fiber Optic Transceivers, Digital 2,000 Miles Range 986.27 230.68
27 16 16 00-0011 EA Fiber Optic Ethernet Transceiver 1,290.73 346.01
27 16 16 00-0012 EA Transceiver (Low Cost Bi- Directional) 457.91 86.50

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

27 16 19 00-0001 Cross Connect Wire *(27 16 19)*

Note: Up to 20' length.

27 16 19 00-0002 EA 2-Pair Cross Connect Wire 18.31
27 16 19 00-0003 EA 3-Pair Cross Connect Wire 24.51
27 16 19 00-0004 EA 4-Pair Cross Connect Wire 30.66

27 16 19 00-0005 Fiber Optic Patch Cords *(27 16 19)*

27 16 19 00-0006 Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*

27 16 19 00-0008 EA ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 52.01
For Each Additional Meter In Length, Add *0.26*
27 16 19 00-0009 EA ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 42.24
For Each Additional Meter In Length, Add *0.26*
27 16 19 00-0010 EA ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 54.95
For Each Additional Meter In Length, Add *0.26*
27 16 19 00-0011 EA SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 44.47
For Each Additional Meter In Length, Add *0.26*
27 16 19 00-0012 EA SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 51.61
For Each Additional Meter In Length, Add *0.26*
27 16 19 00-0013 EA LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable 50.82
For Each Additional Meter In Length, Add *0.26*

27 16 19 00-0014 Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0016 EA ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 91.31
For Each Additional Meter In Length, Add *0.51*
27 16 19 00-0017 EA ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 88.56
For Each Additional Meter In Length, Add *0.51*
27 16 19 00-0018 EA ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 98.35
For Each Additional Meter In Length, Add *0.51*
27 16 19 00-0019 EA SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 76.25
For Each Additional Meter In Length, Add *0.51*
27 16 19 00-0020 EA SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 90.50
For Each Additional Meter In Length, Add *0.51*
27 16 19 00-0021 EA LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable 88.94
For Each Additional Meter In Length, Add *0.51*

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0023 EA ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable 68.71
For Each Additional Meter In Length, Add *1.48*
27 16 19 00-0024 EA ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable 75.10
For Each Additional Meter In Length, Add *1.48*
27 16 19 00-0025 EA ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable 75.76
For Each Additional Meter In Length, Add *1.48*
27 16 19 00-0026 EA ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable 77.81
For Each Additional Meter In Length, Add *1.48*
27 16 19 00-0027 EA SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable 68.99
For Each Additional Meter In Length, Add *1.48*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	78.17	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	92.03	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	63.09	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	76.98	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0032		Fiber Optic Cable Pig Tail *(27 16 19)*		
27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	80.07	40.36
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	103.26	40.36
27 16 19 00-0035		Ethernet Patch Cords *(27 16 19)*		
27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	17.54	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	19.29	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	21.05	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	30.57	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	38.21	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	51.50	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	19.62	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	24.05	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	24.14	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	28.46	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	37.55	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	47.91	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	77.05	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	135.14	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	37.63	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	40.27	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	42.24	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	48.08	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	58.18	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	75.15	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	113.24	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	200.98	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06)	17.54	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06)	19.29	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06)	21.05	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06)	30.57	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06)	38.21	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06)	51.50	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06)	19.62	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06)	24.05	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06)	24.14	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06)	28.46	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06)	37.55	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06)	47.91	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09)	37.63	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09)	40.27	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09)	42.24	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09)	48.08	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09)	58.18	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09)	75.15	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001		Fiber Optic Modems *(27 21 16)*		
27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,606.64	230.68
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,038.25	230.68
27 21 16 00-0004		Ethernet Hubs and Switches *(27 21 16)*		
27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	3,814.05	173.30
27 21 16 00-0006	EA	16 Port Unmanaged Hub	573.55	115.54
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,280.42	115.54
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,562.86	57.76
27 21 16 00-0009		Network Equipment *(27 21 16)*		
27 21 16 00-0010		Communications Entrance Protection *(27 21 16 00-0009)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0011	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	1,086.38	86.65
27 21 16 00-0012	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	13.10	1.15
27 21 16 00-0013		Communications Cabinets, Racks, Frames And Enclosures *(27 21 16 00-0009)*		
27 21 16 00-0014	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,320.18	86.65
		For Fan Kit (Chatsworth 12804-701), Add	*184.23*	
27 21 16 00-0015	EA	10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	1,208.85	5.77
27 21 16 00-0016		Communications Termination Blocks And Patch Panels *(27 21 16 00-0009)*		
27 21 16 00-0017		Communications Termination Blocks *(27 21 16 00-0016)*		
27 21 16 00-0018	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	338.03	17.30
27 21 16 00-0019	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	314.54	17.30
27 21 16 00-0020	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	754.98	17.30
27 21 16 00-0021	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	702.14	17.30
27 21 16 00-0022	EA	110 Connector System Mounting Brackets (CommScope 107535593)	105.46	17.30
27 21 16 00-0023	EA	110 Connector System Mounting Brackets (CommScope 107535585)	114.00	17.30
27 21 16 00-0024	EA	110 Connector System Mounting Brackets (CommScope 107098816)	129.98	17.30
27 21 16 00-0025		Communications Copper Patch Panels *(27 21 16 00-0016)* Note: Excludes cabinet and terminations.		
27 21 16 00-0026	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	333.11	37.55
27 21 16 00-0027	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	608.45	46.22
27 21 16 00-0028	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	494.07	37.55
27 21 16 00-0029	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	923.68	46.22
27 21 16 00-0030		Communications Optical Fiber Patch Panels *(27 21 16 00-0016)*		
27 21 16 00-0031		Closet Connector Housings *(27 21 16 00-0030)*		
27 21 16 00-0032	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	475.79	23.10
27 21 16 00-0033	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	557.04	23.10
27 21 16 00-0034	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	697.12	23.10
27 21 16 00-0035	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	119.76	11.56
27 21 16 00-0036	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	163.00	11.56
27 21 16 00-0037	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	135.03	11.56
27 21 16 00-0038	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	176.98	11.56
27 21 16 00-0039		Communications Cable Management *(27 21 16 00-0009)*		
27 21 16 00-0040		Horizontal Communication Cable Management *(27 21 16 00-0039)*		
27 21 16 00-0041	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	149.12	23.10
27 21 16 00-0042	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	154.45	23.10
27 21 16 00-0043		Vertical Communication Cable Management *(27 21 16 00-0039)*		
27 21 16 00-0044	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	925.00	57.76
27 21 16 00-0045	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	959.48	57.76
27 21 16 00-0046	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,037.15	57.76
27 21 16 00-0047		Communications Patch Cords, Station Cords, And Cross Connect Wire *(27 21 16 00-0009)*		
27 21 16 00-0048		Premise Cross-Connect Wire *(27 21 16 00-0047)*		
27 21 16 00-0049	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.19	0.58
27 21 16 00-0050		Pathways For Communications Systems *(27 21 16 00-0009)*		
27 21 16 00-0051		Conduits And Backboxes For Communication Systems *(27 21 16 00-0050)*		
27 21 16 00-0052		Flexible Conduit For Communication Systems *(27 21 16 00-0051)*		
27 21 16 00-0053	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	516.75	207.61
27 21 16 00-0054	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	795.66	207.61
27 21 16 00-0055		Tube Cables For Communication Systems *(27 21 16 00-0051)*		
27 21 16 00-0056		Outdoor/All-Dielectric Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0057	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	414.92	138.40
27 21 16 00-0058	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	623.16	173.00
27 21 16 00-0059	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	1,045.77	207.61

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0060		**Indoor/Riser Rated Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0061	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	478.70	138.40
27 21 16 00-0062	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	587.25	155.70
27 21 16 00-0063	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	667.45	173.00
27 21 16 00-0064	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,245.96	207.61
27 21 16 00-0065		**Indoor/Plenum Rated Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0066	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	345.83	138.40
27 21 16 00-0067	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	508.81	138.40
27 21 16 00-0068	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	792.75	155.70
27 21 16 00-0069	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	1,161.71	173.00
27 21 16 00-0070	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	3,664.12	207.61
27 21 16 00-0071		**Unjacketed Single Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0072	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	296.23	138.40
27 21 16 00-0073		**Multimode Fiber Bundles** *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	129.43	41.53
27 21 16 00-0075	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	198.52	41.53
27 21 16 00-0076	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	272.93	41.53
27 21 16 00-0077	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	499.69	41.53
27 21 16 00-0078	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	725.58	48.44
27 21 16 00-0079	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	952.34	48.44
27 21 16 00-0080		**Singlemode Fiber Bundles** *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	115.26	41.53
27 21 16 00-0082	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	145.38	41.53
27 21 16 00-0083	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	170.18	41.53
27 21 16 00-0084	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	218.01	41.53
27 21 16 00-0085	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	335.84	48.44
27 21 16 00-0086	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	443.91	48.44
27 21 16 00-0087		**Tube Distribution Cabinets** *(27 21 16 00-0055)*		
27 21 16 00-0088	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	253.31	57.76
27 21 16 00-0089		**Modular Fiber Termination Cabinets** *(27 21 16 00-0055)*		
27 21 16 00-0090	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	322.78	57.76
27 21 16 00-0091	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	344.74	57.76
27 21 16 00-0092		**Tube Distribution Accessories** *(27 21 16 00-0055)*		
27 21 16 00-0093	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	14.02	5.77
27 21 16 00-0094	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	15.56	5.77
27 21 16 00-0095	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	19.53	5.77
27 21 16 00-0096		**Communications Optical Fiber Cabling** *(27 21 16 00-0009)*		
27 21 16 00-0097		**Communications Optical Fiber Cable Splicing And Terminations** *(27 21 16 00-0096)*		
27 21 16 00-0098		**Field Installed Fiber Connectors** *(27 21 16 00-0097)*		
27 21 16 00-0099	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	42.27	8.66
27 21 16 00-0100	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	37.19	8.66
27 21 16 00-0101		**Buffer Tube Fan-Out Kits** *(27 21 16 00-0097)*		
27 21 16 00-0102		**Buffer Tube Breakout Kits (Sumitomo)** *(27 21 16 00-0101)* Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	251.94	115.34
27 21 16 00-0104	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	257.25	115.34
27 21 16 00-0105	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	261.95	115.34
27 21 16 00-0106	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	276.53	115.34
27 21 16 00-0107	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	296.48	115.34
27 21 16 00-0108	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	311.29	115.34
27 21 16 00-0109		**Buffer Tube Fan-Out Kits (Corning)** *(27 21 16 00-0101)*		
27 21 16 00-0110	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	254.40	115.34
27 21 16 00-0111	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	307.03	115.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0112		Communications Copper Cabling *(27 21 16 00-0009)*		
27 21 16 00-0113		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0112)*		
27 21 16 00-0114		Copper Communications Cable Splice Cases *(27 21 16 00-0113)*		
27 21 16 00-0115	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	1,141.81	230.68
27 21 16 00-0116	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	1,336.29	230.68
27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	1,982.52	230.68
27 21 16 00-0118		Modular Splice Connectors *(27 21 16 00-0113)*		
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	124.78	57.66
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	122.68	57.66
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	124.82	57.66
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	124.53	57.66
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	642.49	28.84
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	493.51	28.84
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	690.34	28.84
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	1,085.01	28.84
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	100.40	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	478.78	17.30
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	796.85	28.84
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	4,730.64	369.71
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	3,379.35	369.71
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	17,698.50	138.40
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	556.78	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	12,055.73	138.40
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	26,191.52	138.40
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	617.27	11.56
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	4,550.10	14.41
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	3,926.26	14.41
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	70.17	5.77
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	225.23	57.66
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	3,445.70	138.40
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	732.59	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	23.37	5.77
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	305.76	14.41
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	761.49	14.44
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM)	111.54	5.77
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,080.21	138.40
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	735.52	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	651.55	14.41
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	661.81	14.41
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,407.50	138.40
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	358.56	14.44
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,684.57	14.44
27 21 26 00-0033	EA	Router (CISCO IR829)	1,507.48	57.76
27 21 29		**Data Communications Switches and Hubs** *(27 21)*		
27 21 29 00-0001		Data Communications Multimedia Modular Patch Panels *(27 21 29)*		
		Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.		
27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	131.25	5.76
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	145.15	5.76
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	172.02	5.76
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	180.28	5.76
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	196.75	7.21
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	187.12	5.76
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	234.83	7.21
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	62.36	7.21
27 21 33		**Data Communications Wireless Access Points** *(27 21)*		
27 21 33 00-0001		Data Communications Wireless Access Points *(27 21 33)*		
27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	4,626.37	173.00
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	11,113.69	173.00
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	11,113.69	173.00
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	1,810.85	173.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	2,131.87	197.28
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	5,953.93	197.28
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	9,043.16	197.28
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	9,043.16	197.28
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	1,855.87	65.76
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	1,881.81	65.76
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	176.05	32.88
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,611.72	
27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	575.41	57.66
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	476.88	57.66
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	84.52	23.06
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	74.54	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	43.49	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	305.72	57.66
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	307.63	57.66
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	420.00	57.76
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	1,061.51	86.65
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	1,358.08	86.65
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	76.14	17.30
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	290.44	65.76
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	947.41	65.76
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	4,650.33	57.76
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,361.59	57.66

27 30 Voice Communications *(27)*

27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems *(27 31)*

27 31 13 00-0001 Interior PBX Telephone System *(27 31 13)*

Note: Includes telephone instruments cabling and solid state switching.

27 31 13 00-0002 Interior PBX Telephone System *(27 31 13 00-0001)*

Note: Cost is for each line up to 1000 lines.

27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,790.45	601.24

27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*

27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	605.62	47.29

27 31 13 00-0006 Telephones *(27 31 13 00-0001)*

27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	234.92	44.98
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	265.23	59.98

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001 Interior Telephone Components *(27 32 13)*

27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,157.72	1,053.96
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	860.52	86.16
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	435.45	92.38
27 32 13 00-0005	EA	Loud Ring Bell, 6"	341.34	85.70
27 32 13 00-0006	EA	Audio/Visual Indicator	435.67	80.74
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	454.10	72.43
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,244.12	590.87
27 32 13 00-0009	EA	Handset For 16 Station System	319.97	58.83
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	433.44	79.35
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,876.86	1,271.82
27 32 13 00-0012	EA	Power Supply For 16 Station System	400.20	156.97
27 32 13 00-0013	EA	Intercom Terminal Board	352.66	176.70
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	416.17	156.97
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	203.27	64.48
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	637.42	141.94
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	752.93	161.32
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	913.30	190.93
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,078.44	206.42
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,684.26	234.87
27 32 13 00-0021	EA	Ring Rung 3"	12.47	6.43
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	31.27	11.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	56.70	23.41
27 32 13 00-0024		**Interior Telephone Accessories** *(27 32 13)*		
27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	13.15	6.22
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	30.05	23.99
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	77.64	26.34
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	72.09	26.34
27 32 13 00-0029	EA	Terminating Strips, Inside	146.97	52.68
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	60.61	27.10
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	177.82	63.55
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	211.21	71.04
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	69.90	21.34
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	59.41	26.76
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	885.56	154.09
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	1,076.27	156.51
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	349.90	64.13
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	363.21	64.13
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	482.30	82.00
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	1,023.26	147.74
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,452.05	168.62
27 32 13 00-0042	EA	Gas Protection Module	19.38	5.76
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	38.27	5.26

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	10,685.03	474.06
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,239.96	474.06
27 32 26 00-0004	EA	Analog Speakerphone With Black “Info” Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2)	184.98	
27 32 26 00-0005	EA	Analog Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K)	277.47	
27 32 26 00-0006	EA	IP Speakerphone With Single Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP1)	693.66	
27 32 26 00-0007	EA	IP Speakerphone With Back “Info” Button And Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP2)	943.38	
27 32 26 00-0008	EA	IP Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K)	1,035.87	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	18.50	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	18.50	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	166.48	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,757.28	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	813.90	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,635.92	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	5,540.06	
27 32 26 00-0016	EA	Active Venting Code Blue Option	295.96	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,580.43	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	647.42	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,470.57	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	64.74	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	832.30	134.48
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	742.00	194.80

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0001		Television Distribution System *(27 41 16)*		
		See CSI section 26 05 13 16-0001 for basic wiring.		
27 41 16 00-0002		Mounted Television Support *(27 41 16 00-0001)*		
27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	459.12	129.40
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	594.05	144.42
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	479.66	129.40
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	614.59	144.42
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	363.88	103.98
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	498.81	115.54
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	390.83	103.98
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	525.76	115.54
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	417.78	103.98
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	552.71	115.54
27 41 16 00-0013		Distribution System *(27 41 16 00-0001)*		
		See CSI section 26 05 13 16-0001 for wire and cabling.		
27 41 16 00-0014		TV Distribution Rack *(27 41 16 00-0013)*		
27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,625.59	212.10
27 41 16 00-0016	EA	Switch And Pilot Light	249.83	94.23
27 41 16 00-0017	LF	Surface Raceway With Outlets	29.82	12.80
27 41 16 00-0018	EA	Service Label	35.26	17.65
27 41 16 00-0019		Head End Amplifier *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	1,084.55	141.18
27 41 16 00-0021		UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	630.44	141.18
27 41 16 00-0023		Preamplifiers *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	790.34	141.18
27 41 16 00-0025	EA	UHF Preamplifier	630.44	141.18
27 41 16 00-0026		Power Supplies *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	1,129.06	201.73
27 41 16 00-0028		Line Splitter And Mixer *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	96.14	47.06
27 41 16 00-0030	EA	Two-Way Splitter	108.87	47.06
27 41 16 00-0031	EA	Frequency Filter	243.33	70.70
27 41 16 00-0032	EA	Line Splitter And Mixer	293.62	103.80
27 41 16 00-0033		Power Line Filters *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	473.69	94.23
27 41 16 00-0035		Wall Box And Receiver Outlets *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	243.33	70.70
27 41 16 00-0037	EA	TV Receiver Outlet Plug	108.87	47.06
27 41 16 00-0038	EA	TV Camera Outlet Plug	108.87	47.06
27 41 16 00-0039	EA	Audio Outlet Plug	92.92	47.06
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	193.86	94.23
27 41 16 00-0041	EA	Male Plug PL-259	108.87	47.06
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	127.87	49.36
27 41 33		**Master Antenna Television Systems** ***(27 41)***		
27 41 33 00-0001		Antenna Systems *(27 41 33)*		
27 41 33 00-0002		Antenna *(27 41 33 00-0001)*		
27 41 33 00-0003	EA	Amateur Radio Antenna	1,025.68	173.00
27 41 33 00-0004	EA	Multi-Band Radio Antenna	796.61	173.00
27 41 33 00-0005		Receptacles *(27 41 33 00-0001)*		
27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	227.36	70.70
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	227.36	70.70

27 50 Distributed Communications and Monitoring Systems *(27)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

27 51 17 00-0001 Video Intercom And Exterior Gate Control System *(27 51 17)*

27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,270.58	144.42
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,029.61	144.42
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	456.18	144.42
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,191.99	72.21
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	1,617.04	72.21
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	128.65	28.89
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	852.61	28.89
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,168.92	28.89
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	384.64	28.89
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	432.61	28.89
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	119.25	14.44
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	129.30	14.44
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,542.49	144.42
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	53.04	5.77
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	678.18	144.42
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	612.22	28.89
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	191.64	28.89
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	212.83	28.89
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	262.92	43.32
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	59.92	14.44

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers *(27 51 43)*

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	521.30	115.54
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	738.85	115.54
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	878.51	115.54
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	978.14	115.54
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,219.57	115.54
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,580.60	115.54
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	62.66	5.77

27 51 43 00-0009 Splitters *(27 51 43)*

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,160.57	86.50
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	2,850.84	86.50

27 51 43 00-0012 Speakers *(27 51 43)*

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	202.96	30.91
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	65.17	5.76
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	72.77	5.76
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	113.48	5.76
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	105.02	10.38

27 51 43 00-0018 Accessories *(27 51 43)*

27 51 43 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	305.15	14.44
27 51 43 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	686.01	14.44
27 51 43 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	173.35	28.89
27 51 43 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	321.50	28.89
27 51 43 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	234.88	28.84
27 51 43 00-0024	EA	Microphone Jack For Audio/Video System	108.42	28.89
27 51 43 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	919.09	115.54
27 51 43 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	103.63	28.89
27 51 43 00-0027	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	72.58	28.89

27 51 43 00-0028 Removal And Reinstallation Of Speakers *(27 51 43)*

Note: Includes storage, cleaning and supply materials.

27 51 43 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	161.48	

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0002		**Master Clock (Sapling SMA 2000 Series)** *(27 53 13 13-0001)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	7,487.97	86.50
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	7,918.27	86.50
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,260.78	86.50
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	4,691.07	86.50
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	2,930.40	
27 53 13 13-0008		**Wireless Repeaters (Sapling)** *(27 53 13 13-0001)*		
27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	1,831.39	57.66
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,051.66	57.66
27 53 13 13-0011		**Wireless Round Analog Clocks (Sapling SAL-4 Series)** *(27 53 13 13-0001)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	396.82	28.84
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	250.85	28.84
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	474.35	28.84
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	283.05	28.84
27 53 13 13-0016		**Wireless GPS Accesories (Sapling)** *(27 53 13 13-0001)*		
27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	78.37	23.06
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	110.61	23.06
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	947.07	50.46
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,682.63	72.09
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	588.46	5.76
27 53 13 13-0022		**2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series)** *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non Cancelable, Non Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5'', Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R)	1,249.77	86.50
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5'', Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R)	1,278.23	86.50
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5'', Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R)	1,530.18	86.50
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5'', Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R)	1,558.64	86.50
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	168.52	23.06
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	168.52	23.06
27 53 13 13-0029	EA	Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP)	29.30	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	236.53	2.89
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	473.08	5.76
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	86.35	2.89
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	17.27	0.58
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	108.24	5.76
27 53 13 13-0035		**2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series)** *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	6,185.30	86.50
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	8,511.45	86.50
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	2,730.72	57.66
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,569.18	57.66
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	2,930.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,450.55	
27 53 13 13-0042		**Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling)** *(27 53 13 13)*		
		Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.		
27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	398.07	14.41
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	398.07	14.41
27 53 13 13-0045		**Wire Guards For Wireless Synchronized Clocks (Sapling)** *(27 53 13 13)*		
27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	220.63	14.41
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	307.12	14.41
27 53 13 13-0048		**Wireless Synchronized Clock Transmitters** *(27 53 13 13)*		
27 53 13 13-0049		**Analog, Wireless Synchronized Clocks (Primex Traditional Series)** *(27 53 13 13-0048)*		
27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	250.80	28.84
		For >100 To 250, Deduct	*-43.39*	
		For >250, Deduct	*-51.12*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	443.94	28.84
		For >100 To 250, Deduct	*-29.87*	
		For >250, Deduct	*-35.67*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	290.76	28.84
		For >100 To 250, Deduct	*-50.59*	
		For >250, Deduct	*-59.91*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	284.10	28.84
		For >100 To 250, Deduct	*-49.39*	
		For >250, Deduct	*-58.45*	
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	510.54	28.84
		For >100 To 250, Deduct	*-33.54*	
		For >250, Deduct	*-40.33*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	324.06	28.84
		For >100 To 250, Deduct	*-37.93*	
		For >250, Deduct	*-48.59*	
27 53 13 13-0056		**Digital, Wireless Synchronized Clocks (Primex Digital Series)** *(27 53 13 13-0048)*		
27 53 13 13-0057		**4-Digit, Digital, Wireless Synchronized Clocks** *(27 53 13 13-0056)*		
27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	364.02	28.84
		For Green LED, Add	*30.64*	
		For >100 To 250, Deduct	*-33.14*	
		For >250, Deduct	*-48.46*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	670.38	28.84
		For Green LED, Add	*61.27*	
		For >100 To 250, Deduct	*-69.90*	
		For >250, Deduct	*-174.06*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	403.98	28.84
		For Green LED, Add	*34.63*	
		For >100 To 250, Deduct	*-24.21*	
		For >250, Deduct	*-34.60*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	750.29	28.84
		For Green LED, Add	*69.26*	
		For >100 To 250, Deduct	*-64.04*	
		For >250, Deduct	*-195.64*	
27 53 13 13-0062		**6-Digit, Digital, Wireless Synchronized Clocks** *(27 53 13 13-0056)*		
27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	403.98	28.84
		For Green LED, Add	*34.63*	
		For >100 To 250, Deduct	*-27.68*	
		For >250, Deduct	*-38.76*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	750.29	28.84
		For Green LED, Add	*69.26*	
		For >100 To 250, Deduct	*-57.81*	
		For >250, Deduct	*-133.30*	
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	470.58	28.84
		For Green LED, Add	*41.29*	
		For >100 To 250, Deduct	*-23.08*	
		For >250, Deduct	*-33.40*	
27 53 13 13-0066		**Wire Guards For Wireless Synchronized Clocks** *(27 53 13 13-0048)*		
27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	128.74	14.41
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	62.14	14.41
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	68.80	14.41
27 53 13 13-0070		**Wireless Synchronized Clock Transmitters** *(27 53 13 13-0048)*		
		Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	2,697.12	86.50
		For Roof Mounted GPS Receiver, Add	*425.01*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	4,368.77	86.50
		For Roof Mounted GPS Receiver, Add	*592.18*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	2,639.46	57.66
27 53 13 13-0074		Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	245.94	23.06
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	115.40	23.06
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	160.72	11.54
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	146.90	28.84
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	206.38	43.25
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	301.82	57.66
27 53 13 16		**Wired Clock Systems** *(27 53 13)*		
27 53 13 16-0001		Wired Self-Corrective Clock Systems *(27 53 13 16)*		
27 53 13 16-0002		Wired Self-Corrective Clocks *(27 53 13 16-0001)*		
27 53 13 16-0003		Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0004		24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	215.50	28.84
		For >50 To 100, Deduct	*-14.94*	
		For >100, Deduct	*-21.26*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	497.22	28.84
		For >50 To 100, Deduct	*-26.21*	
		For >100, Deduct	*-43.79*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	267.45	28.84
		For >50 To 100, Deduct	*-19.12*	
		For >100, Deduct	*-27.51*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	653.06	28.84
		For >50 To 100, Deduct	*-68.17*	
		For >100, Deduct	*-91.99*	
27 53 13 16-0009		120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	215.50	28.84
		For >50 To 100, Deduct	*-14.94*	
		For >100, Deduct	*-21.26*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	497.22	28.84
		For >50 To 100, Deduct	*-26.21*	
		For >100, Deduct	*-43.79*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	267.45	28.84
		For >50 To 100, Deduct	*-19.12*	
		For >100, Deduct	*-27.51*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	653.06	28.84
		For >50 To 100, Deduct	*-68.17*	
		For >100, Deduct	*-91.99*	
27 53 13 16-0014		Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	173.69	14.41
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	48.82	14.41
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	60.31	14.41
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	72.30	14.41
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	147.57	23.06
27 53 13 16-0020		Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0021		24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	263.45	28.84
		For Surface Mount, Add	*41.16*	
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-20.58*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	399.32	28.84
		For Surface Mount, Add	*68.33*	
		For >50 To 100, Deduct	*-20.50*	
		For >100, Deduct	*-34.17*	
27 53 13 16-0024		120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	263.45	28.84
		For Surface Mount, Add	*41.16*	
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-20.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	399.32	28.84
		For Surface Mount, Add	*68.33*	
		For >50 To 100, Deduct	*-20.50*	
		For >100, Deduct	*-34.17*	
27 53 13 16-0027		Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	227.00	28.84
		For >50 To 100, Deduct	*-10.16*	
		For >100, Deduct	*-16.93*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	366.35	28.84
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-30.87*	
27 53 13 16-0030		Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	227.00	28.84
		For >50 To 100, Deduct	*-10.16*	
		For >100, Deduct	*-16.93*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	366.35	28.84
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-30.87*	
27 53 13 16-0033		Accessories For Digital Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	234.63	14.41
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	60.81	14.41
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	81.79	14.41
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	205.66	14.41
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	62.31	14.41
27 53 13 16-0039		Wired Self-Corrective Master Clocks *(27 53 13 16-0001)*		
27 53 13 16-0040		Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	2,455.34	230.68
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,605.19	230.68
27 53 13 16-0043		Accessories For Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	266.69	57.66
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	298.16	57.66
27 53 13 16-0046		Other Clock And Program Systems *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,844.13	115.34
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,227.78	230.68
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	270.71	57.66
27 53 13 16-0050	EA	Combination Clock And Speaker	614.29	144.17

END OF SECTION 27

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	1,544.10	240.48
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00	1,951.81	312.57
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	10,727.43	685.10
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	5,083.36	583.84
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	1,237.96	319.37

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.	140.05	28.84
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	146.91	28.84
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	186.39	28.84

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	176.66	28.84
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	857.26	86.50
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	289.37	28.84

28 16 11 00-0011 Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	199.26	28.84

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.	304.14	57.66
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	486.08	57.66
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	486.08	57.66
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	746.97	57.66

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	280.79	28.84

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*			
		Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.			
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*			
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls		1,174.69	115.34
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.			
		For Flush Mount, Add		*212.40*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*			
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.			
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls		1,426.65	129.75
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.			
		For Flush Mount, Add		*262.61*	
28 16 11 00-0027		RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)*			
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)*			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.			
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		694.10	115.34
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		786.79	115.34
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		876.04	115.34
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		972.15	115.34
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		1,061.41	115.34
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		1,157.52	115.34
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls		1,246.77	115.34
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*			
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls		58.36	
		For >40 To 110, Deduct		*-2.92*	
		For >110, Deduct		*-5.84*	
		For Built In Proximity Tags, Add		*11.67*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls		61.79	
		For >40 To 110, Deduct		*-3.09*	
		For >110, Deduct		*-6.18*	
		For Built In Proximity Tags, Add		*12.36*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls		65.22	
		For >40 To 110, Deduct		*-3.26*	
		For >110, Deduct		*-6.52*	
		For Built In Proximity Tags, Add		*13.04*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*			
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls		255.39	86.50
		Note: Includes 15' of coax cable.			
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls		516.28	86.50
		Note: Includes 20' of coax cable.			
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls		468.22	86.50
		Note: Includes 15' of coax cable.			
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*			
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)*			
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.			
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*			
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)*			
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls		1,346.32	115.34
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*			
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)*			
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls		1,466.47	115.34
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*			
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)*			
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls		1,741.09	115.34

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	797.08	115.34
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	990.92	115.34
28 16 11 00-0061		Other Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators	134.90	28.84
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	139.62	23.06
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)*		
		Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	9.13	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	15.06	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	15.86	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150)	89.71	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200)	116.94	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	470.96	144.17
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	470.96	144.17
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	470.96	144.17
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS)	1,326.40	144.17
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0079		AWID, Proximity Cards *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	7.69	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.01	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	12.82	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0085		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	576.69	144.17
		Note: For mullion mounting.		
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	807.37	144.17
		Note: For mullion mounting.		
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	807.37	144.17
		Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)	1,329.61	144.17
		Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	7,596.44	144.17
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0092		HID, Proximity Cards *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	17.94	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	23.71	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	24.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0096		HID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	516.44	144.17
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	608.60	144.17
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	677.72	144.17
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	864.34	144.17
28 16 11 00-0101		Contactless Smart Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0102		HID, Contactless Smart Cards *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.10	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	15.39	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	20.14	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	10.90	
28 16 11 00-0107		HID, Contactless Smart Card Readers, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	542.59	144.17
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	754.05	144.17
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,229.83	144.17
28 16 11 00-0111		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	3,905.77	144.17
28 16 11 00-0113		Call Station Controls, Wiegand Output Access Controls *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,524.13	144.17
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,266.67	144.17
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	6,330.98	115.34
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	7,732.79	115.34
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,048.37	115.34
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,980.24	115.34
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,206.80	115.34
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,980.24	115.34
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	449.85	41.28
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	854.92	41.28
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	408.66	41.28
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	806.21	49.53
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	957.25	49.53
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	596.81	49.53
28 16 11 00-0132		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,578.24	61.92
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,698.38	61.92
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,136.48	20.64
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,788.70	61.92
28 16 11 00-0137		Access Control Accessories *(28 16 11)*		
28 16 11 00-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	604.26	
28 16 11 00-0139	EA	7 Amperes, 12 Volt, Battery	79.64	
28 16 11 00-0140	EA	18 Amperes, 12 Volt, Battery	177.53	
28 16 11 00-0141	EA	Door Personality Module (Sensormatic RM-4)	658.20	28.84
28 16 11 00-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	266.80	57.66
28 16 11 00-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	81.02	34.60
28 16 11 00-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	725.60	23.06
28 16 11 00-0145	EA	Surge Suppressor (Tripp-Lite IBAR4)	109.44	5.77
28 16 11 00-0146	EA	Door Strike Relay (Altronix RBSN-TTL)	76.35	23.06
28 16 11 00-0147	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	455.96	
28 16 11 00-0148	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	646.24	144.17
28 16 11 00-0149		Access Controllers *(28 16 11)*		
28 16 11 00-0150		Microterm Controller *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,670.23	144.17
28 16 11 00-0152	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,207.72	86.50
28 16 11 00-0153	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	575.14	
28 16 11 00-0154		Miniterm Controller *(28 16 11 00-0149)*		
28 16 11 00-0155	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,618.97	144.17
28 16 11 00-0156	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	1,983.16	86.50
28 16 11 00-0157		Super-2 Controller *(28 16 11 00-0149)*		
28 16 11 00-0158	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,936.87	144.17
28 16 11 00-0159	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,331.25	86.50
28 16 11 00-0160	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	365.51	86.50
28 16 11 00-0161		Smarterm Controller *(28 16 11 00-0149)*		
28 16 11 00-0162	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	5,507.01	173.00
28 16 11 00-0163	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,243.44	86.50
28 16 11 00-0164	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,648.62	86.50
28 16 11 00-0165	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,345.60	86.50
28 16 11 00-0166	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,823.33	86.50
28 16 11 00-0167	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	1,823.33	86.50
28 16 11 00-0168		Superterm-4 Controller *(28 16 11 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,081.69	173.00
28 16 11 00-0170	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,171.95	86.50
28 16 11 00-0171		**Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	6,759.90	288.34
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,340.71	288.34
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	5,619.48	86.50
28 16 11 00-0175		**Turbo Superterm-4 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,081.69	173.00
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,171.95	86.50
28 16 11 00-0178		**Turbo Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	6,759.90	288.34
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,340.71	288.34
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	5,619.48	86.50
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	2,345.60	86.50
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	1,973.86	86.50
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	1,825.21	86.50
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	1,825.21	86.50
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	745.00	
28 16 11 00-0187		**Intelligent Controller** *(28 16 11 00-0149)*		
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,308.34	86.50
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,257.63	144.17
28 16 11 00-0190		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	36,881.14	
28 16 11 00-0192		**Magnetic Locks** *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0193		**Magnetic Door Locks** *(28 16 11 00-0192)*		
28 16 11 00-0194		**300 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock	639.18	115.34
28 16 11 00-0196		**600 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0197	EA	600 LB, Single Door, Surface Mount, Magnetic Door Lock	922.38	115.34
		For LED Status Indicator And Signal Relay, Add	*86.46*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*172.93*	
		For Mortise Mount, Deduct	*-138.34*	
28 16 11 00-0198	EA	600 LB, Dual Doors, Surface Mount, Magnetic Door Lock	1,387.52	115.34
		For LED Status Indicator And Signal Relay, Add	*144.61*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*289.21*	
28 16 11 00-0199		**1,200 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0200	EA	1,200 LB, Single Door, Surface Mount, Magnetic Door Lock	965.29	115.34
		For LED Status Indicator And Signal Relay, Add	*168.96*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*220.38*	
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock	1,480.20	115.34
		For LED Status Indicator And Signal Relay, Add	*287.39*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*374.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0202		2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0193)* Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock	1,011.63	115.34
28 16 11 00-0204		Magnetic Gate Locks *(28 16 11 00-0192)*		
28 16 11 00-0205		600 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0206	EA	600 LB Magnetic Gate Lock	752.46	115.34
28 16 11 00-0207		1,200 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0208	EA	1,200 LB Magnetic Gate Lock	908.65	115.34
		For LED Status Indicator And Signal Relay, Add	*84.75*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*169.49*	
		For Mortise Mount, Deduct	*-135.59*	
28 16 11 00-0209		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0192)* Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	552.63	115.34
28 16 11 00-0211	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	708.25	115.34
28 16 11 00-0212	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	799.79	115.34
28 16 11 00-0213	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,010.33	115.34
28 16 11 00-0214		Master Door Buzzer Stations *(28 16 11)*		
28 16 11 00-0215		Master Stations *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	Master Stations, 5 Station Intercommunication Equipment	1,096.20	179.93
28 16 11 00-0217	EA	Master Stations, 10 Station Intercommunication Equipment	1,644.97	348.32
28 16 11 00-0218	EA	Master Station, Desk Style Remote Intercommunication Equipment	470.81	89.96
28 16 11 00-0219	EA	Master Station, Flush Wall Remote Intercommunication Equipment	601.52	149.94
28 16 11 00-0220	EA	Sound System Outlet, Protector	153.84	58.71
28 16 11 00-0221	EA	Sound System Microphone Outlet	268.61	120.18
28 16 11 00-0222	EA	Ceiling Or Wall, Sound System Speaker	206.45	58.71
28 16 11 00-0223	EA	Sound System Monitor Panel	604.63	120.18
28 16 11 00-0224	EA	Sound System Volume Control	178.10	58.71
28 16 11 00-0225	EA	250 Watt, Sound System Amplifier	2,799.35	480.62
28 16 11 00-0226	EA	Sound System Cabinet	1,629.10	480.62
28 16 11 00-0227		Master Door Stations *(28 16 11 00-0214)*		
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,400.33	
		For Intercom Type Master Door Station, Add	*202.12*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 50 Station	3,974.87	
		For Intercom Type Master Door Station, Add	*327.43*	
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 75 Station	5,453.25	
		For Intercom Type Master Door Station, Add	*424.45*	
28 16 11 00-0231	EA	Master Door Stations, Button Buzzer Type, 100 Station	6,234.25	
		For Intercom Type Master Door Station, Add	*497.21*	
28 16 11 00-0232	EA	Master Door Stations, Button Buzzer Type, 150 Station	7,574.41	
		For Intercom Type Master Door Station, Add	*727.62*	
28 16 11 00-0233	EA	Master Door Stations, Button Buzzer Type, 200 Station	8,892.97	
		For Intercom Type Master Door Station, Add	*937.82*	
28 16 11 00-0234	EA	Master Door Stations, Button Buzzer Type, 250 Station	11,197.30	
		For Intercom Type Master Door Station, Add	*1,212.71*	
28 16 11 00-0235	EA	Master Door Stations, Button Buzzer Type, 300 Station	13,372.94	
		For Intercom Type Master Door Station, Add	*1,390.57*	
28 16 11 00-0236	EA	Transformer	167.89	
28 16 11 00-0237	EA	Door Opener	248.43	
28 16 11 00-0238	EA	Buzzer With Door Release And Plate	306.14	
28 16 11 00-0239	EA	Amplifier For Intercom Type Unit	504.60	
28 16 11 00-0240	EA	Speaker With Door Release	211.68	

28 18 Security Access Detection Equipment *(28 10)*

28 18 11 Security Access Metal Detectors *(28 18)*

28 18 11 00-0001		Metal Detectors *(28 18 11)*		
28 18 11 00-0002	EA	Handheld Scanner (Garrett Super Scanner V)	259.96	28.84
28 18 11 00-0003	EA	Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000)	4,199.18	346.01
28 18 11 00-0004	EA	Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I)	6,484.70	461.35

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 Compact, 1/3" Format Cameras *(28 21 31 00-0003)*

28 21 31 00-0005 High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*

28 21 31 00-0006	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	555.15	28.89

28 21 31 00-0007 Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*

28 21 31 00-0008	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	329.56	28.89

28 21 31 00-0009 Camerapaks *(28 21 31 00-0002)*

Note: Includes camera and lens.

28 21 31 00-0010 Camerapaks *(28 21 31 00-0009)*

28 21 31 00-0011 High Resolution Color, Camerapaks *(28 21 31 00-0010)*

28 21 31 00-0012 Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0011)*

28 21 31 00-0013 Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)*

28 21 31 00-0014	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	427.41	28.89
28 21 31 00-0015	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	402.04	28.89
28 21 31 00-0016	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	390.26	28.89
28 21 31 00-0017	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	387.54	28.89

28 21 31 00-0018 Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)*

28 21 31 00-0019	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	465.46	28.89
28 21 31 00-0020	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	427.41	28.89
28 21 31 00-0021	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	418.35	28.89
28 21 31 00-0022	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	411.10	28.89

28 21 31 00-0023 Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0011)*

28 21 31 00-0024 Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*

28 21 31 00-0025	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	502.61	28.89
28 21 31 00-0026	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	453.68	28.89
28 21 31 00-0027	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	413.82	28.89
28 21 31 00-0028	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	397.51	28.89
28 21 31 00-0029	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	458.21	28.89

28 21 31 00-0030 Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*

28 21 31 00-0031	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	542.47	28.89
28 21 31 00-0032	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	508.95	28.89
28 21 31 00-0033	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	451.87	28.89
28 21 31 00-0034	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	403.85	28.89
28 21 31 00-0035	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	477.24	28.89
28 21 31 00-0036	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	538.85	28.89
28 21 31 00-0037	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	617.67	28.89

28 21 31 00-0038 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*

28 21 31 00-0039	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	424.69	28.89
28 21 31 00-0040	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	507.14	28.89

28 21 31 00-0041 High Resolution Day/Night, Camerapaks *(28 21 31 00-0010)*

28 21 31 00-0042 Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0041)*

28 21 31 00-0043 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)*

28 21 31 00-0044	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	855.04	28.89
28 21 31 00-0045	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	797.96	28.89
28 21 31 00-0046	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	749.94	28.89
28 21 31 00-0047	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	823.33	28.89
28 21 31 00-0048	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	884.94	28.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0049	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	962.85	28.89
28 21 31 00-0050		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)*		
28 21 31 00-0051	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	770.78	28.89
28 21 31 00-0052	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	853.23	28.89
28 21 31 00-0053		Compact Camerapaks *(28 21 31 00-0009)*		
28 21 31 00-0054		High Resolution Color, Compact Camerapaks *(28 21 31 00-0053)*		
28 21 31 00-0055		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0056		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0057		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0058	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	663.87	28.89
28 21 31 00-0059	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	638.51	28.89
28 21 31 00-0060	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	625.82	28.89
28 21 31 00-0061	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	623.10	28.89
28 21 31 00-0062		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0063	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	701.02	28.89
28 21 31 00-0064	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	663.87	28.89
28 21 31 00-0065	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	654.81	28.89
28 21 31 00-0066	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	647.57	28.89
28 21 31 00-0067		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0068		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0069	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	739.07	28.89
28 21 31 00-0070	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	689.24	28.89
28 21 31 00-0071	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	650.28	28.89
28 21 31 00-0072	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	633.98	28.89
28 21 31 00-0073	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	693.77	28.89
28 21 31 00-0074	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	732.73	28.89
28 21 31 00-0075	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	825.14	28.89
28 21 31 00-0076		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0077	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	778.03	28.89
28 21 31 00-0078	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	745.41	28.89
28 21 31 00-0079	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	688.34	28.89
28 21 31 00-0080	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	639.41	28.89
28 21 31 00-0081	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	713.70	28.89
28 21 31 00-0082	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	775.31	28.89
28 21 31 00-0083	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	853.23	28.89
28 21 31 00-0084		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0085	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	661.16	28.89
28 21 31 00-0086	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	743.60	28.89
28 21 31 00-0087		EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0088		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0089		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0090	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	663.87	28.89
28 21 31 00-0091	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	497.17	28.89
28 21 31 00-0092	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	484.49	28.89
28 21 31 00-0093	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	481.77	28.89
28 21 31 00-0094		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0095	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	559.68	28.89
28 21 31 00-0096	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	522.54	28.89
28 21 31 00-0097	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	513.48	28.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0098	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	513.48	28.89
28 21 31 00-0099		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0100		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0101	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	597.74	28.89
28 21 31 00-0102	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	547.91	28.89
28 21 31 00-0103	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	508.95	28.89
28 21 31 00-0104	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	492.64	28.89
28 21 31 00-0105	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	552.44	28.89
28 21 31 00-0106	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	591.39	28.89
28 21 31 00-0107	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	683.81	28.89
28 21 31 00-0108		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0109	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	636.69	28.89
28 21 31 00-0110	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	604.08	28.89
28 21 31 00-0111	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	546.09	28.89
28 21 31 00-0112	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	498.08	28.89
28 21 31 00-0113	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	572.37	28.89
28 21 31 00-0114	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	633.98	28.89
28 21 31 00-0115	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	711.89	28.89
28 21 31 00-0116		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0117	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	519.82	28.89
28 21 31 00-0118	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	602.27	28.89
28 21 31 00-0119		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0053)*		
28 21 31 00-0120		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)*		
28 21 31 00-0121		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0122	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	613.14	28.89
28 21 31 00-0123		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0124	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	691.05	28.89
28 21 31 00-0125	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	653.00	28.89
28 21 31 00-0126		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)*		
28 21 31 00-0127		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0128	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	639.41	28.89
28 21 31 00-0129	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	623.10	28.89
28 21 31 00-0130	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	722.76	28.89
28 21 31 00-0131		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0132	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	734.54	28.89
28 21 31 00-0133	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	677.46	28.89
28 21 31 00-0134	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	629.45	28.89
28 21 31 00-0135	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	702.83	28.89
28 21 31 00-0136	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	764.44	28.89
28 21 31 00-0137	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	843.26	28.89
28 21 31 00-0138		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0139	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	650.28	28.89
28 21 31 00-0140	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	732.73	28.89

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0141		Camera Systems *(28 21 31 00-0002)*		
28 21 31 00-0142		Camera Dome Systems *(28 21 31 00-0141)*		
28 21 31 00-0143		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0142)*		
28 21 31 00-0144		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0145		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0146		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0147	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,727.58	173.30
28 21 31 00-0148	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	3,099.04	173.30
28 21 31 00-0149	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	3,265.74	173.30
28 21 31 00-0150	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	4,512.40	173.30
28 21 31 00-0151		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0152	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,306.29	173.30
28 21 31 00-0153	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,493.83	173.30
28 21 31 00-0154	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,661.44	173.30
28 21 31 00-0155	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,757.48	173.30
28 21 31 00-0156	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,757.48	173.30
28 21 31 00-0157	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,887.03	173.30
28 21 31 00-0158	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	3,259.40	173.30
28 21 31 00-0159	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	3,427.01	173.30
28 21 31 00-0160	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	3,523.05	173.30
28 21 31 00-0161	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	3,523.05	173.30
28 21 31 00-0162		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0163	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	3,351.81	173.30
28 21 31 00-0164	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	3,724.18	173.30
28 21 31 00-0165	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,891.79	173.30
28 21 31 00-0166	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,987.82	173.30
28 21 31 00-0167	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,987.82	173.30
28 21 31 00-0168		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0169	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,047.40	173.30
28 21 31 00-0170	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	3,235.84	173.30
28 21 31 00-0171	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	3,402.55	173.30
28 21 31 00-0172	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,498.58	173.30
28 21 31 00-0173	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	3,498.58	173.30
28 21 31 00-0174	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	3,657.13	173.30
28 21 31 00-0175	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,953.40	173.30
28 21 31 00-0176	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	4,120.10	173.30
28 21 31 00-0177	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	4,216.14	173.30
28 21 31 00-0178	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	4,216.14	173.30
28 21 31 00-0179		Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0180		Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0179)*		
28 21 31 00-0181	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,983.07	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0182	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,144.34	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0183	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	3,272.99	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0184	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	3,692.47	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0185	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,853.74	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0186	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,983.29	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0187		Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0179)*		
28 21 31 00-0188	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	3,724.18	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0189	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,885.45	173.30
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0190	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	4,015.00	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0191	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	4,386.46	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0192	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	4,546.83	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0193	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	4,676.38	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0194		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0195		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0194)*		
28 21 31 00-0196	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	4,913.76	173.30
28 21 31 00-0197	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	5,576.04	173.30
28 21 31 00-0198		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0199		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0200	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	4,277.74	173.30
28 21 31 00-0201		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0202	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	3,728.71	173.30
28 21 31 00-0203	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	4,439.01	173.30
28 21 31 00-0204		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	4,903.79	173.30
28 21 31 00-0206		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0207	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	4,470.72	173.30
28 21 31 00-0208	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	5,132.10	173.30
28 21 31 00-0209		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0210		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0209)*		
28 21 31 00-0211	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,739.13	173.30
28 21 31 00-0212		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0213		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0214		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0215	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	3,170.61	173.30
28 21 31 00-0216	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	3,338.22	173.30
28 21 31 00-0217	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	3,434.26	173.30
28 21 31 00-0218	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	3,434.26	173.30
28 21 31 00-0219	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	3,936.18	173.30
28 21 31 00-0220	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	4,103.79	173.30
28 21 31 00-0221	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	4,199.83	173.30
28 21 31 00-0222	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	4,199.83	173.30
28 21 31 00-0223		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0224	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	4,400.96	173.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0225	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	4,568.57	173.30
28 21 31 00-0226	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	4,664.61	173.30
28 21 31 00-0227	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	4,664.61	173.30
28 21 31 00-0228		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0229		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0228)*		
28 21 31 00-0230	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	3,659.85	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	3,821.12	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	3,949.77	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0233	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	4,369.25	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0234	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	4,530.52	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0235	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	4,660.08	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0236		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0228)*		
28 21 31 00-0237	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	4,400.96	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0238	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	4,562.23	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0239	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	4,691.79	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0240	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	5,063.25	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0241	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	5,223.61	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0242	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	5,353.17	173.30
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0243		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0244		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0245	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	4,405.49	173.30
28 21 31 00-0246	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	5,115.79	173.30
28 21 31 00-0247		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0248	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	5,580.57	173.30
28 21 31 00-0249		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0250	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	5,147.50	173.30
28 21 31 00-0251	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	5,808.88	173.30
28 21 31 00-0252		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0253		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 31 00-0252)*		
28 21 31 00-0254	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,175.82	173.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0255		Spectra®, Pan/Tilt Dome Drives *(28 21 31 00-0143)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0256	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,613.40	144.42
28 21 31 00-0257	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	2,048.28	144.42
28 21 31 00-0258	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,585.54	144.42
28 21 31 00-0259	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	2,036.50	144.42
28 21 31 00-0260	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,745.90	144.42
28 21 31 00-0261	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,777.61	144.42
28 21 31 00-0262	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	3,210.68	144.42
28 21 31 00-0263	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	3,439.90	144.42
28 21 31 00-0264	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	3,439.90	144.42
28 21 31 00-0265		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)*		
28 21 31 00-0266	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	127.75	
28 21 31 00-0267	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	166.70	
28 21 31 00-0268	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	141.23	14.44
28 21 31 00-0269	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	352.33	14.44
28 21 31 00-0270	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	137.61	14.44
28 21 31 00-0271	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	257.87	14.44
28 21 31 00-0272	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	73.85	8.59
28 21 31 00-0273		Camclosure®, Camera Dome Systems *(28 21 31 00-0142)*		
28 21 31 00-0274		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0275		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0274)*		
28 21 31 00-0276		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0277	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	668.24	173.30
28 21 31 00-0278	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	722.60	173.30
28 21 31 00-0279	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	799.61	173.30
28 21 31 00-0280	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	799.61	173.30
28 21 31 00-0281		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0282	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	809.58	173.30
28 21 31 00-0283	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	880.24	173.30
28 21 31 00-0284	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	880.24	173.30
28 21 31 00-0285		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0286	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	923.73	173.30
28 21 31 00-0287	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,098.59	173.30
28 21 31 00-0288	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,098.59	173.30
28 21 31 00-0289		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0290	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	1,007.08	173.30
28 21 31 00-0291	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,119.43	173.30
28 21 31 00-0292		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0274)*		
28 21 31 00-0293		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0294	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	723.93	115.54
28 21 31 00-0295		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0296	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	826.31	115.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0297		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0298	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	907.85	115.54
28 21 31 00-0299		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0300	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	948.62	115.54
28 21 31 00-0301		Camclosure® IS Integrated Cameras *(28 21 31 00-0274)*		
28 21 31 00-0302	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	515.55	115.54
28 21 31 00-0303	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	515.55	115.54
28 21 31 00-0304	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	596.19	115.54
28 21 31 00-0305	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	814.53	115.54
28 21 31 00-0306	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	835.37	115.54
28 21 31 00-0307		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0308		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0307)*		
28 21 31 00-0309		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)*		
28 21 31 00-0310	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	578.55	173.30
28 21 31 00-0311	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	617.50	173.30
28 21 31 00-0312	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	773.34	173.30
28 21 31 00-0313	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	773.34	173.30
28 21 31 00-0314		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)*		
28 21 31 00-0315	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	948.19	173.30
28 21 31 00-0316		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0307)*		
28 21 31 00-0317		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0316)*		
28 21 31 00-0318	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	657.80	115.54
28 21 31 00-0319		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0307)*		
28 21 31 00-0320		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0321	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	880.24	173.30
28 21 31 00-0322		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0323	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	961.78	173.30
28 21 31 00-0324		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0325	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,064.16	173.30
28 21 31 00-0326		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0327	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,104.93	173.30
28 21 31 00-0328		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0329		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0328)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0330		**High Resolution Color, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0331	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,554.31	173.30
28 21 31 00-0332	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,554.31	173.30
28 21 31 00-0333		**Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0334	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,666.65	173.30
28 21 31 00-0335	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,666.65	173.30
28 21 31 00-0336		**Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0337	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,839.70	173.30
28 21 31 00-0338	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,839.70	173.30
28 21 31 00-0339		**Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0340	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,962.01	173.30
28 21 31 00-0341	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,962.01	173.30
28 21 31 00-0342		**Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0273)*		
28 21 31 00-0343	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	33.64	8.66
28 21 31 00-0344	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	33.64	8.66
28 21 31 00-0345	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	45.20	14.44
28 21 31 00-0346	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	70.57	14.44
28 21 31 00-0347	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	71.69	8.66
28 21 31 00-0348	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	70.57	14.44
28 21 31 00-0349	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	88.69	14.44
28 21 31 00-0350	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	235.34	28.89
28 21 31 00-0351	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	235.34	28.89
28 21 31 00-0352	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	235.34	28.89
28 21 31 00-0353	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	235.34	28.89
28 21 31 00-0354	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	84.16	14.44
28 21 31 00-0355	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	98.53	28.89
28 21 31 00-0356	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	98.53	28.89
28 21 31 00-0357	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	98.53	28.89
28 21 31 00-0358	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	98.53	28.89
28 21 31 00-0359	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	98.53	28.89
28 21 31 00-0360	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	98.53	28.89
28 21 31 00-0361	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	285.55	39.45
28 21 31 00-0362	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	60.60	14.44
28 21 31 00-0363	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	101.37	14.44
28 21 31 00-0364	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	60.60	14.44
28 21 31 00-0365	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	101.37	14.44
28 21 31 00-0366	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,451.93	173.30
28 21 31 00-0367		**Pan/Tilt Camera Systems** *(28 21 31 00-0141)*		
28 21 31 00-0368		**Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
		Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0369		**EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0368)*		
28 21 31 00-0370		**Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)*		
28 21 31 00-0371	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	4,065.09	259.96
28 21 31 00-0372	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	4,609.59	259.96
28 21 31 00-0373	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	5,364.29	259.96
28 21 31 00-0374	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	4,181.96	259.96
28 21 31 00-0375	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	4,750.93	259.96
28 21 31 00-0376	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	5,505.63	259.96

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0377		Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0369)*		
28 21 31 00-0378	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	4,102.23	259.96
28 21 31 00-0379	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	4,646.74	259.96
28 21 31 00-0380	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	5,401.44	259.96
28 21 31 00-0381	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	4,220.01	259.96
28 21 31 00-0382	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	4,788.08	259.96
28 21 31 00-0383	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	5,542.77	259.96
28 21 31 00-0384		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0385		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0384)*		
28 21 31 00-0386		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)*		
28 21 31 00-0387	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	4,206.42	259.96
28 21 31 00-0388	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	4,750.93	259.96
28 21 31 00-0389	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	5,505.63	259.96
28 21 31 00-0390	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	4,323.30	259.96
28 21 31 00-0391	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	4,892.27	259.96
28 21 31 00-0392	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	5,646.96	259.96
28 21 31 00-0393		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)*		
28 21 31 00-0394	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	4,243.57	259.96
28 21 31 00-0395	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	4,788.08	259.96
28 21 31 00-0396	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	5,542.77	259.96
28 21 31 00-0397	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	4,361.35	259.96
28 21 31 00-0398	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	4,929.41	259.96
28 21 31 00-0399	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	5,684.11	259.96
28 21 31 00-0400		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0401		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0400)*		
28 21 31 00-0402		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)*		
28 21 31 00-0403	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	3,969.96	259.96
28 21 31 00-0404	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	4,514.46	259.96
28 21 31 00-0405	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	5,269.16	259.96
28 21 31 00-0406	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	4,087.74	259.96
28 21 31 00-0407	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	4,655.80	259.96
28 21 31 00-0408	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	5,410.50	259.96
28 21 31 00-0409		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)*		
28 21 31 00-0410	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,008.01	259.96
28 21 31 00-0411	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	4,551.61	259.96
28 21 31 00-0412	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	5,307.21	259.96
28 21 31 00-0413	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	4,034.28	259.96
28 21 31 00-0414	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,124.88	259.96
28 21 31 00-0415	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	4,692.95	259.96
28 21 31 00-0416	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	5,448.55	259.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0417		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0418		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0417)*		
28 21 31 00-0419		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)*		
28 21 31 00-0420	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	4,740.06	259.96
28 21 31 00-0421	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	5,494.76	259.96
28 21 31 00-0422	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	4,313.33	259.96
28 21 31 00-0423	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	4,881.39	259.96
28 21 31 00-0424	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	5,636.09	259.96
28 21 31 00-0425		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)*		
28 21 31 00-0426	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	4,233.60	259.96
28 21 31 00-0427	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	4,777.20	259.96
28 21 31 00-0428	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	5,532.81	259.96
28 21 31 00-0429	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	4,350.48	259.96
28 21 31 00-0430	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	4,918.54	259.96
28 21 31 00-0431	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	5,674.14	259.96
28 21 31 00-0432		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0433		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0432)*		
28 21 31 00-0434		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0433)*		
28 21 31 00-0435	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	5,615.25	259.96
28 21 31 00-0436	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	4,432.92	259.96
28 21 31 00-0437	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	5,756.59	259.96
28 21 31 00-0438		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0433)*		
28 21 31 00-0439	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	4,353.20	259.96
28 21 31 00-0440	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	5,653.31	259.96
28 21 31 00-0441	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	4,470.98	259.96
28 21 31 00-0442	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	5,039.04	259.96
28 21 31 00-0443	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	5,794.64	259.96
28 21 31 00-0444		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0445		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0444)*		
28 21 31 00-0446		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0447	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	4,732.81	259.96
28 21 31 00-0448		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0449	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	4,769.96	259.96
28 21 31 00-0450		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0444)*		
28 21 31 00-0451		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0450)*		
28 21 31 00-0452	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	5,615.25	259.96
28 21 31 00-0453	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	5,430.43	259.96
28 21 31 00-0454	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	6,168.82	259.96
28 21 31 00-0455		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0450)*		
28 21 31 00-0456	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	5,651.49	259.96
28 21 31 00-0457	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	5,430.43	259.96
28 21 31 00-0458	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	6,209.59	259.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0459		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0460		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0459)*		
28 21 31 00-0461		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0460)*		
28 21 31 00-0462	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	3,646.52	259.96
28 21 31 00-0463	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	4,529.87	259.96
28 21 31 00-0464	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	4,347.76	259.96
28 21 31 00-0465	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	4,923.07	259.96
28 21 31 00-0466		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0460)*		
28 21 31 00-0467	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	3,682.76	259.96
28 21 31 00-0468	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	4,567.01	259.96
28 21 31 00-0469	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	4,384.91	259.96
28 21 31 00-0470	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	4,963.84	259.96
28 21 31 00-0471		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0472		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0471)*		
28 21 31 00-0473		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0472)*		
28 21 31 00-0474	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	23,266.85	259.96
28 21 31 00-0475	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	25,018.15	259.96
28 21 31 00-0476	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	25,606.14	259.96
28 21 31 00-0477		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0472)*		
28 21 31 00-0478	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	23,304.90	259.96
28 21 31 00-0479	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	25,055.30	259.96
28 21 31 00-0480	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	25,643.29	259.96
28 21 31 00-0481		Accessories For Esprit® Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0482	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	10.57	2.89
28 21 31 00-0483	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	60.60	14.44
28 21 31 00-0484	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	93.22	14.44
28 21 31 00-0485	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	117.68	14.44
28 21 31 00-0486	EA	Ground Isolation Transformer (Pelco GIT100)	348.97	39.45
28 21 31 00-0487	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	505.46	39.45
28 21 31 00-0488	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	415.10	39.45
28 21 31 00-0489	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	585.04	39.45
28 21 31 00-0490	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	324.50	39.45
28 21 31 00-0491	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	833.57	39.45
28 21 31 00-0492	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,267.65	39.45
28 21 31 00-0493	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,504.12	39.45
28 21 31 00-0494	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,557.57	39.45
28 21 31 00-0495	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,641.83	39.45
28 21 31 00-0496	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,112.51	39.46
28 21 31 00-0497	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,137.44	39.45
28 21 31 00-0498	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,161.38	39.45
28 21 31 00-0499	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	5,116.34	39.45
28 21 31 00-0500	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	5,257.67	39.45
28 21 31 00-0501	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	99.29	9.29
28 21 31 00-0502	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	99.29	9.29
28 21 31 00-0503		Camera Lenses *(28 21 31 00-0002)*		
28 21 31 00-0504		Fixed Focus Camera Lenses *(28 21 31 00-0503)* Note: 1/3" format and manual focus.		
28 21 31 00-0505		Manual Iris, Fixed Focus Camera Lenses *(28 21 31 00-0504)*		
28 21 31 00-0506	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	152.08	13.55
28 21 31 00-0507	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	126.71	13.55
28 21 31 00-0508	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	114.03	13.55
28 21 31 00-0509	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	111.31	13.55
28 21 31 00-0510		Direct Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0504)* Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0511	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	189.22	13.55
28 21 31 00-0512	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	152.08	13.55
28 21 31 00-0513	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	143.02	13.55
28 21 31 00-0514	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	103.15	13.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0515		Video Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0504)*		
		Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0516	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	222.75	13.55
28 21 31 00-0517	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	184.69	13.55
28 21 31 00-0518	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	175.63	13.55
28 21 31 00-0519	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	168.39	13.55
28 21 31 00-0520		Varifocal Camera Lenses *(28 21 31 00-0503)*		
		Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0521		Manual Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
28 21 31 00-0522	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	210.61	13.55
28 21 31 00-0523	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	177.45	13.55
28 21 31 00-0524	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	138.49	13.55
28 21 31 00-0525	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	122.18	13.55
28 21 31 00-0526	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	313.35	13.55
28 21 31 00-0527	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	164.53	13.55
28 21 31 00-0528	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	175.00	13.55
28 21 31 00-0529		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
		Note: Includes spot filter.		
28 21 31 00-0530	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	207.12	13.55
28 21 31 00-0531	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	183.38	13.55
28 21 31 00-0532	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	141.49	13.55
28 21 31 00-0533	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	106.59	13.55
28 21 31 00-0534	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	341.43	13.55
28 21 31 00-0535	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	205.02	13.55
28 21 31 00-0536		Video Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
		Note: Includes spot filter.		
28 21 31 00-0537	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	299.76	13.55
28 21 31 00-0538	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	266.23	13.55
28 21 31 00-0539	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	161.14	13.55
28 21 31 00-0540	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	296.13	13.55
28 21 31 00-0541		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
28 21 31 00-0542	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	122.64	13.55
28 21 31 00-0543	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	181.98	13.55
28 21 31 00-0544		Motorized Zoom Camera Lenses *(28 21 31 00-0503)*		
		Note: 1/3" format.		
28 21 31 00-0545		Manual Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
28 21 31 00-0546	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	541.66	13.55
28 21 31 00-0547	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	675.75	13.55
28 21 31 00-0548	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	720.14	13.55
28 21 31 00-0549		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
		Note: Includes spot filter.		
28 21 31 00-0550	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	475.89	13.55
28 21 31 00-0551	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	549.19	13.55
28 21 31 00-0552	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	795.34	13.55
28 21 31 00-0553	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	938.74	13.55
28 21 31 00-0554	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	1,858.15	13.55
28 21 31 00-0555		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
		Note: Includes spot filter.		
28 21 31 00-0556	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	555.25	13.55
28 21 31 00-0557	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	660.34	13.55
28 21 31 00-0558	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	828.86	13.55
28 21 31 00-0559	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,204.85	13.55
28 21 31 00-0560	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	1,959.55	13.55
28 21 31 00-0561		Camera Power Supplies *(28 21 31 00-0002)*		
28 21 31 00-0562	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	39.41	11.56
28 21 31 00-0563	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	66.59	11.56
28 21 31 00-0564	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	273.11	23.10
28 21 31 00-0565	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	317.15	34.66
28 21 31 00-0566	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	359.11	46.22
		For Switchable Outputs, Add	*160.01*	
28 21 31 00-0567	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	403.16	57.76
		For Switchable Outputs, Add	*172.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0568		Camera Illuminators *(28 21 31 00-0002)*		
28 21 31 00-0569		Camera Illuminators *(28 21 31 00-0568)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0570	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,434.21	23.10
28 21 31 00-0571	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,434.21	23.10
28 21 31 00-0572	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,434.21	23.10
28 21 31 00-0573		Camera Illuminator Accessories *(28 21 31 00-0568)*		
28 21 31 00-0574	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	123.23	23.10
28 21 31 00-0575		Camera Receivers *(28 21 31 00-0002)*		
28 21 31 00-0576	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,401.74	39.45
28 21 31 00-0577	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,401.74	39.45
28 21 31 00-0578		Pan And Tilt Drives *(28 21 31 00-0002)*		
28 21 31 00-0579	EA	15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	1,000.48	86.65
28 21 31 00-0580	EA	40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,265.03	86.65
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0581	EA	100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	2,653.02	86.65
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0582	EA	100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	3,029.01	86.65
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0583	EA	100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	3,501.94	86.65
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0584	EA	100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	4,507.60	86.65
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0585		Scanners *(28 21 31 00-0002)*		
28 21 31 00-0586	EA	35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,139.10	86.65
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0587	EA	35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,196.17	86.65
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0588		Camera Monitors *(28 21 31 00-0001)*		
28 21 31 00-0589		Camera Monitors *(28 21 31 00-0588)*		
28 21 31 00-0590		Monochrome Camera Monitors *(28 21 31 00-0589)*		
28 21 31 00-0591	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	222.20	17.33
28 21 31 00-0592	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	253.91	17.33
28 21 31 00-0593	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	388.00	17.33
28 21 31 00-0594	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	622.65	17.33
28 21 31 00-0595		Color Camera Monitors *(28 21 31 00-0589)*		
28 21 31 00-0596	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	702.38	17.33
28 21 31 00-0597	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	570.11	17.33
28 21 31 00-0598	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	827.41	17.33
28 21 31 00-0599	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	1,099.21	17.33
28 21 31 00-0600		LCD Camera Monitors *(28 21 31 00-0588)*		
28 21 31 00-0601		VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0602	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	793.89	17.33
28 21 31 00-0603	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	1,033.07	17.33
28 21 31 00-0604		Multimode, Color LCD Camera Monitors (Pelco 300 Series) *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0605	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	902.61	17.33
28 21 31 00-0606	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	1,080.18	17.33
28 21 31 00-0607	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,328.43	17.33
28 21 31 00-0608		Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0609	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,158.10	17.33
28 21 31 00-0610	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,342.92	17.33
28 21 31 00-0611	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,684.49	17.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0612		Camera Monitor Mounting Accessories *(28 21 31 00-0588)*		
28 21 31 00-0613		Camera Monitor Mounts *(28 21 31 00-0612)*		
28 21 31 00-0614	EA	Up To 14", Camera Monitor Mount (Pelco)	272.72	23.10
28 21 31 00-0615	EA	>14" To 17", Camera Monitor Mount (Pelco)	317.11	23.10
28 21 31 00-0616	EA	>17" To 21", Camera Monitor Mount (Pelco)	371.47	23.10
28 21 31 00-0617		Camera Monitor Rack Mount Kits *(28 21 31 00-0612)*		
28 21 31 00-0618	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	166.72	23.10
28 21 31 00-0619		Video Transmission Equipment *(28 21 31 00-0001)*		
28 21 31 00-0620		UTP Cable, Video Transmission Equipment *(28 21 31 00-0619)*		
28 21 31 00-0621		UTP Cable, Active Video Receivers *(28 21 31 00-0620)*		
28 21 31 00-0622	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	343.15	28.89
28 21 31 00-0623	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,170.33	28.89
28 21 31 00-0624	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,298.30	28.89
28 21 31 00-0625	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	3,772.36	28.89
28 21 31 00-0626	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	4,403.84	28.89
28 21 31 00-0627		UTP Cable, Passive Video Transceivers *(28 21 31 00-0620)*		
28 21 31 00-0628	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	103.97	28.89
28 21 31 00-0629	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	343.15	28.89
28 21 31 00-0630	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	629.45	28.89
28 21 31 00-0631	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,192.98	28.89
28 21 31 00-0632	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,329.10	28.89
28 21 31 00-0633		UTP Cable, Active Video Transmitters *(28 21 31 00-0620)*		
28 21 31 00-0634	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	358.55	28.89
28 21 31 00-0635		Fiber Optics, Video Transmission Equipment *(28 21 31 00-0619)*		
28 21 31 00-0636		Data Only, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0637		Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0636)*		
28 21 31 00-0638	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	2,061.63	57.76
28 21 31 00-0639	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	849.40	57.76
28 21 31 00-0640	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,509.87	57.76
28 21 31 00-0641	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	1,045.10	57.76
28 21 31 00-0642		Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0636)*		
28 21 31 00-0643	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	2,061.63	57.76
28 21 31 00-0644	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	849.40	57.76
28 21 31 00-0645	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,509.87	57.76
28 21 31 00-0646	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	1,045.10	57.76
28 21 31 00-0647		Video Only, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0648		Digitally Encoded Video, Fiber Optics Transmitters *(28 21 31 00-0647)*		
28 21 31 00-0649	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	921.88	57.76
28 21 31 00-0650	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	409.08	57.76
28 21 31 00-0651	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,533.65	57.76
28 21 31 00-0652	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,527.99	57.76
28 21 31 00-0653	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	4,142.71	57.76
28 21 31 00-0654	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	3,446.90	57.76
28 21 31 00-0655	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	10,267.27	57.76
28 21 31 00-0656	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	9,139.30	57.76
28 21 31 00-0657		Digitally Encoded Video, Fiber Optics Receivers *(28 21 31 00-0647)*		
28 21 31 00-0658	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	921.88	57.76
28 21 31 00-0659	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	409.08	57.76
28 21 31 00-0660	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,565.14	57.76
28 21 31 00-0661	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	641.93	57.76
28 21 31 00-0662	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,533.65	57.76
28 21 31 00-0663	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,527.99	57.76
28 21 31 00-0664	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	4,142.71	57.76
28 21 31 00-0665	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	3,446.90	57.76
28 21 31 00-0666	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	10,267.27	57.76
28 21 31 00-0667	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	9,139.30	57.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0668		Video And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0669		Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0668)*		
28 21 31 00-0670	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,580.54	57.76
28 21 31 00-0671	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	947.25	57.76
28 21 31 00-0672	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	3,663.44	57.76
28 21 31 00-0673	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	3,173.29	57.76
28 21 31 00-0674	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	5,922.09	57.76
28 21 31 00-0675	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	4,296.73	57.76
28 21 31 00-0676		Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0668)*		
28 21 31 00-0677	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,580.54	57.76
28 21 31 00-0678	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	947.25	57.76
28 21 31 00-0679	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	3,663.44	57.76
28 21 31 00-0680	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	3,173.29	57.76
28 21 31 00-0681	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	5,922.09	57.76
28 21 31 00-0682	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	4,296.73	57.76
28 21 31 00-0683		Video, Audio And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0684		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters *(28 21 31 00-0683)*		
28 21 31 00-0685	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	2,032.64	57.76
28 21 31 00-0686	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,619.50	57.76
28 21 31 00-0687		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers *(28 21 31 00-0683)*		
28 21 31 00-0688	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	2,032.64	57.76
28 21 31 00-0689	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,619.50	57.76
28 21 31 00-0690		Video Amplifiers *(28 21 31 00-0619)*		
28 21 31 00-0691		Video Distribution Amplifiers *(28 21 31 00-0690)*		
28 21 31 00-0692	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	252.67	14.44
28 21 31 00-0693	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	2,032.06	14.44
28 21 31 00-0694		Video Equalizing Amplifiers *(28 21 31 00-0690)*		
28 21 31 00-0695	EA	Video Equalizing Amplifier (Pelco EA2010)	274.42	14.44
28 21 31 00-0696	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	429.34	14.44
28 21 31 00-0697		Network Video Equipment *(28 21 31 00-0001)*		
28 21 31 00-0698		Video Encoders/Decoders *(28 21 31 00-0697)*		
28 21 31 00-0699	EA	MPEG4 IP Video Receiver (Pelco NET300R)	1,017.92	28.89
28 21 31 00-0700	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,017.92	28.89
28 21 31 00-0701	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,170.12	28.89
28 21 31 00-0702	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,170.12	28.89
28 21 31 00-0703		Network Video Recorders *(28 21 31 00-0697)*		
28 21 31 00-0704	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	6,390.50	57.76
28 21 31 00-0705	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	7,435.11	57.76
28 21 31 00-0706	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	9,526.16	57.76
28 21 31 00-0707	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	6,311.67	57.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0708		**Network Video Recorder Software** *(28 21 31 00-0697)*		
28 21 31 00-0709	EA	10 User, License Pack (Pelco VMX300-LIC-10)	630.58	
28 21 31 00-0710	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,137.03	
28 21 31 00-0711	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,525.02	
28 21 31 00-0712	EA	100 User, License Pack (Pelco VMX300-LIC-100)	4,416.75	
28 21 31 00-0713	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,052.77	
28 21 31 00-0714	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,893.54	
28 21 31 00-0715	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	4,208.37	
28 21 31 00-0716	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	7,363.06	
28 21 31 00-0717	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	12,621.49	
28 21 31 00-0718	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	26,293.93	
28 21 31 00-0719	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	5,688.78	
28 21 31 00-0720	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	6,039.40	
28 21 31 00-0721	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	9,546.53	
28 21 31 00-0722	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	6,320.26	
28 21 31 00-0723	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	6,670.89	
28 21 31 00-0724	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	10,176.20	
28 21 31 00-0725	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	6,110.07	
28 21 31 00-0726	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	6,461.60	
28 21 31 00-0727	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	9,967.82	
28 21 31 00-0728	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	7,161.03	
28 21 31 00-0729	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	7,511.65	
28 21 31 00-0730	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	11,018.78	
28 21 31 00-0731		**Video Recording Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0732		**Digital Video Recorders** *(28 21 31 00-0731)*		
28 21 31 00-0733	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	10,000.91	57.76
28 21 31 00-0734	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	13,710.07	57.76
28 21 31 00-0735	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	17,420.14	57.76
28 21 31 00-0736	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	12,038.50	57.76
28 21 31 00-0737	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	15,747.66	57.76
28 21 31 00-0738	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	19,457.73	57.76
28 21 31 00-0739	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	13,159.22	57.76
28 21 31 00-0740	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	16,868.39	57.76
28 21 31 00-0741	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	20,578.46	57.76
28 21 31 00-0742	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	15,196.82	57.76
28 21 31 00-0743	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	18,905.98	57.76
28 21 31 00-0744	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	22,616.05	57.76
28 21 31 00-0745	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	11,038.55	57.76
28 21 31 00-0746		**Digital Video Recorder Accessories** *(28 21 31 00-0731)*		
28 21 31 00-0747	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	985.30	28.89
28 21 31 00-0748		**Matrix Systems And Controls** *(28 21 31 00-0001)*		
28 21 31 00-0749		**Video Multiplexers** *(28 21 31 00-0748)*		
28 21 31 00-0750		**Monochrome Duplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0751	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	1,849.62	57.76
28 21 31 00-0752	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,749.06	57.76
28 21 31 00-0753		**Color Duplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0754	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,254.38	57.76
28 21 31 00-0755	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,378.73	57.76
28 21 31 00-0756	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	2,577.14	57.76
28 21 31 00-0757		**Color Simplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0758	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	2,001.83	57.76
28 21 31 00-0759	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,335.24	57.76
28 21 31 00-0760		**Video Multiplexer Accessories** *(28 21 31 00-0749)*		
28 21 31 00-0761	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,114.54	39.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0762	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	663.35	39.45
28 21 31 00-0763	EA	Video Multiplexer Server (Pelco MX4000SVR)	1,849.62	57.76
28 21 31 00-0764		Quad Video Processor *(28 21 31 00-0748)*		
28 21 31 00-0765	EA	Monochrome, Quad Video Processor (Pelco QD104M)	575.09	28.89
28 21 31 00-0766	EA	Color, Quad Video Processor (Pelco QD104C)	937.49	28.89
28 21 31 00-0767		Switcher *(28 21 31 00-0748)*		
28 21 31 00-0768		Terminating Manual Switchers *(28 21 31 00-0767)*		
28 21 31 00-0769		Terminating Manual Switchers *(28 21 31 00-0768)*		
28 21 31 00-0770	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	202.96	23.10
28 21 31 00-0771	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	273.63	23.10
28 21 31 00-0772	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	331.61	23.10
28 21 31 00-0773	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	539.08	23.10
28 21 31 00-0774		Audio Follow, Terminating Manual Switchers *(28 21 31 00-0768)*		
28 21 31 00-0775	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	260.94	23.10
28 21 31 00-0776	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	455.73	23.10
28 21 31 00-0777	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	791.86	23.10
28 21 31 00-0778		Balanced Audio Follow, Terminating Manual Switchers *(28 21 31 00-0768)*		
28 21 31 00-0779	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	347.01	23.10
28 21 31 00-0780	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	631.50	23.10
28 21 31 00-0781		Looping Manual Switchers *(28 21 31 00-0767)*		
28 21 31 00-0782		Looping Manual Switchers *(28 21 31 00-0781)*		
28 21 31 00-0783	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	226.51	23.10
28 21 31 00-0784	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	308.96	23.10
28 21 31 00-0785	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	392.31	23.10
28 21 31 00-0786	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	643.27	23.10
28 21 31 00-0787		Audio Follow, Looping Manual Switchers *(28 21 31 00-0781)*		
28 21 31 00-0788	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	280.87	23.10
28 21 31 00-0789	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	486.54	23.10
28 21 31 00-0790	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	665.92	23.10
28 21 31 00-0791		Balanced Audio Follow, Looping Manual Switchers *(28 21 31 00-0781)*		
28 21 31 00-0792	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	371.47	23.10
28 21 31 00-0793	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	668.64	23.10
28 21 31 00-0794	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	839.88	23.10
28 21 31 00-0795		Sequential Switchers *(28 21 31 00-0767)*		
28 21 31 00-0796		Single Output, Sequential Switchers *(28 21 31 00-0795)*		
28 21 31 00-0797	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	393.22	23.10
28 21 31 00-0798	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	583.48	23.10
28 21 31 00-0799		Dual Outputs, Sequential Switchers *(28 21 31 00-0795)*		
28 21 31 00-0800	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	490.16	23.10
28 21 31 00-0801	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	676.80	23.10
28 21 31 00-0802		Controls *(28 21 31 00-0748)*		
28 21 31 00-0803		Direct/Multi-Cable Controls *(28 21 31 00-0802)*		
28 21 31 00-0804	EA	Scanner Control Module (Pelco MPS524DT)	347.48	57.76
28 21 31 00-0805	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	370.13	57.76
28 21 31 00-0806	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	409.08	57.76
28 21 31 00-0807	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	427.20	57.76
28 21 31 00-0808	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	666.39	57.76
28 21 31 00-0809	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	732.53	57.76
28 21 31 00-0810		Coaxitron Controls *(28 21 31 00-0802)*		
28 21 31 00-0811	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	494.83	39.45
28 21 31 00-0812	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	921.56	39.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0813	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	1,043.87	39.45
28 21 31 00-0814		**Digital Controls** *(28 21 31 00-0802)*		
28 21 31 00-0815	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	658.82	39.45
28 21 31 00-0816	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,105.48	39.45
28 21 31 00-0817		**Lock Boxes** *(28 21 31 00-0748)*		
28 21 31 00-0818	EA	VCR Lock Box (Pelco LB1000)	402.84	43.32
		For Wall Mount, Add	*165.00*	
28 21 31 00-0819	EA	Computer Disk Drive Lock Box (Pelco LB2000)	411.90	43.32
28 21 31 00-0820	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	747.12	43.32
28 21 31 00-0821		**Test And Certification Of Surveillance Camera System** *(28 21 31)*		
28 21 31 00-0822	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	916.56	
28 21 31 00-0823	HR	Test And Certification Of Surveillance Camera System	286.42	
28 21 31 00-0824		**Programming Of Surveillance Camera System** *(28 21 31)*		
28 21 31 00-0825	HR	Programming Of Surveillance Camera System	343.71	
28 21 31 00-0826		**Removal And Reinstallation Of Cameras** *(28 21 31)* Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0827	EA	Removal And Reinstallation Of Camera System	519.91	

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	6,883.20	472.89
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	9,284.38	630.90
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	13,059.22	675.88
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	14,086.74	945.77
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	9,690.20	80.74
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	8,738.34	72.09
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	11,485.63	80.74
28 42 11 00-0010	EA	Tank Leak Detection Probe	3,552.60	17.30
28 42 11 00-0011	EA	Secondary Containment Collar Probe	435.39	6.92
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	798.65	14.41
28 42 11 00-0013	EA	Liquid Phase Detection	2,634.13	43.25
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	2,432.60	43.25
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	2,841.11	49.01
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	3,244.17	49.01

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,866.81	43.32
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	98.51	43.32
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	474.51	43.32

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,507.67	86.65
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,228.53	86.65
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,554.02	86.65
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	990.26	86.65
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	182.08	28.89
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	636.39	86.65
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	751.26	86.65
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	717.98	86.65
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	837.22	57.76
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	126.67	28.89
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,785.62	86.65
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,577.77	28.89
28 46 13 31-0017		**Remote Annunciators Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	136.57	28.89
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	125.03	23.10
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	154.07	28.89
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	142.53	23.10
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	170.47	28.89
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	158.93	23.10
28 46 13 31-0024		**Audio And Telephone Masters** *(28 46 13 31-0003)*		
28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	4,914.93	115.54
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	2,736.45	115.54
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	2,127.44	115.54
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,586.67	115.54
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	2,954.23	115.54
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B, 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	2,110.75	57.76
28 46 13 31-0031		**Battery Distribution Unit** *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	541.53	426.00
28 46 13 31-0033		**Remote Booster Power Supply** *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	854.17	86.65
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	975.31	86.65
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,064.58	86.65
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	139.51	28.89
28 46 13 31-0038		**Batteries And Battery Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours))	106.24	28.89
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours))	132.55	28.89
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours))	314.13	28.89
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours))	143.09	28.89
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours))	398.42	28.89
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours))	223.93	28.89
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours))	809.10	28.89
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours))	229.36	28.89
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours))	974.22	28.89
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours))	127.43	28.89
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours))	114.28	28.89
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	409.16	57.76
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	338.27	57.76
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,157.05	115.54
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,436.11	115.54
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,014.78	115.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	1,103.59	28.89
28 46 13 31-0057		**Intelligent Analog Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0058		**Detectors, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	245.39	43.32
28 46 13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	276.03	43.32
28 46 13 31-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS)	236.26	43.32
28 46 13 31-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	208.88	43.32
28 46 13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	218.01	43.32
28 46 13 31-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	178.35	43.32
28 46 13 31-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	178.35	43.32
28 46 13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	284.18	43.32
28 46 13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	314.08	43.32
28 46 13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	264.77	43.32
28 46 13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	383.58	43.32
28 46 13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	220.43	43.32
28 46 13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	220.43	43.32
28 46 13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	304.69	43.32
28 46 13 31-0073		**Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	497.10	72.21
28 46 13 31-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	21.31	
28 46 13 31-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	65.04	17.33
28 46 13 31-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	129.66	23.10
28 46 13 31-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	175.99	23.10
28 46 13 31-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	76.83	23.10
28 46 13 31-0080		**Modules, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0081	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	231.73	28.89
28 46 13 31-0082	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	121.42	28.89
28 46 13 31-0083	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	165.81	28.89
28 46 13 31-0084	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	207.31	28.89
28 46 13 31-0085	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	182.57	28.89
28 46 13 31-0086	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	191.78	28.89
28 46 13 31-0087	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	144.87	28.89
28 46 13 31-0088	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	179.99	28.89
28 46 13 31-0089	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	241.01	28.89
28 46 13 31-0090	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	234.88	28.89
28 46 13 31-0091	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	225.75	28.89
28 46 13 31-0092	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	206.83	177.96
28 46 13 31-0093	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	150.89	28.89
28 46 13 31-0094	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	242.20	28.89
28 46 13 31-0095		**Module Accessories, Signature** *(28 46 13 31-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	59.55	14.44
28 46 13 31-0097	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	204.35	28.89
28 46 13 31-0098	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	21.89	8.66
28 46 13 31-0099	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	70.11	14.44
28 46 13 31-0100	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	62.53	14.44
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	65.53	14.44
28 46 13 31-0102		**Single Action Pull Stations, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0103	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	253.00	60.08
28 46 13 31-0104	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	298.79	60.08
28 46 13 31-0105	EA	GA Key - For Pre Signal Station (EST3 276-K2)	34.81	29.02
28 46 13 31-0106	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	43.63	37.84
28 46 13 31-0107	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	65.99	42.87
28 46 13 31-0108		**Double Action Pull Stations, Signature** *(28 46 13 31-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0109	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	215.22	60.08
28 46 13 31-0110	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	44.29	5.77
28 46 13 31-0111		**Detector Bases and Accessories, Signature** *(28 46 13 31-0057)*		
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	127.28	14.44
28 46 13 31-0113	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	47.30	14.44
28 46 13 31-0114	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	159.05	14.44
28 46 13 31-0115	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	90.06	14.44
28 46 13 31-0116	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	105.31	14.44
28 46 13 31-0117	EA	Detector Mounting Plate (EST3 SIGA-DMP)	166.35	14.44
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0118	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	59.55	14.44
28 46 13 31-0119	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	22.02	8.66
28 46 13 31-0120	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	22.02	8.66
28 46 13 31-0121	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	63.25	8.66
28 46 13 31-0122	EA	Detector Base With Isolator (EST3 SIGA-IB)	103.77	14.44
28 46 13 31-0123	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	110.31	14.44
28 46 13 31-0124	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	72.45	14.44
28 46 13 31-0125	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	92.36	14.44
28 46 13 31-0126	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	43.13	14.44
28 46 13 31-0127		**Controllers, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0128	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	3,528.07	86.65
28 46 13 31-0129	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,022.03	86.65
28 46 13 31-0130	EA	Signature Loop Controller (EST3 3-SDC1)	1,816.46	86.65
28 46 13 31-0131	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	2,911.90	86.65
28 46 13 31-0132		**Relays And Accessories** *(28 46 13 31-0057)*		
28 46 13 31-0133	EA	Multi Voltage Relay (EST3 MR101)	187.07	28.89
28 46 13 31-0134	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	55.68	14.44
28 46 13 31-0135		**Notification Appliances** *(28 46 13 31-0002)*		
28 46 13 31-0136		**Wall Strobes, Horns And Chimes** *(28 46 13 31-0135)*		
28 46 13 31-0137	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	151.91	43.32
28 46 13 31-0138	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	151.91	43.32
28 46 13 31-0139	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	173.16	43.32
28 46 13 31-0140	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	127.96	43.32
28 46 13 31-0141	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	127.96	43.32
28 46 13 31-0142	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	127.96	43.32
28 46 13 31-0143	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	127.96	43.32
28 46 13 31-0144	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	107.84	43.32
28 46 13 31-0145	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	107.84	43.32
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	107.84	43.32
28 46 13 31-0147	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	259.90	43.32
28 46 13 31-0148	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	259.90	43.32
28 46 13 31-0149	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	170.57	43.32
28 46 13 31-0150	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	170.57	43.32
28 46 13 31-0151	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	151.91	43.32
28 46 13 31-0152	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	151.91	43.32
28 46 13 31-0153	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	151.91	43.32
28 46 13 31-0154	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	151.91	43.32
28 46 13 31-0155	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	157.88	43.32
28 46 13 31-0156	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	157.88	43.32
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	171.85	43.32
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	157.88	43.32
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	157.88	43.32
28 46 13 31-0160	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	94.76	43.32
28 46 13 31-0161	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	94.76	43.32
28 46 13 31-0162		**Wall Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0163	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	126.16	43.32
28 46 13 31-0164	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	193.56	43.32
28 46 13 31-0165	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	126.16	43.32
28 46 13 31-0166	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	193.56	43.32
28 46 13 31-0167	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	62.65	23.10
28 46 13 31-0168	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	62.65	23.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0169		**Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0170	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	150.60	43.32
28 46 13 31-0171	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	193.56	43.32
28 46 13 31-0172	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	207.16	43.32
28 46 13 31-0173		**Harsh Environment Signals** *(28 46 13 31-0135)*		
28 46 13 31-0174	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	133.87	43.32
28 46 13 31-0175	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	187.52	43.32
28 46 13 31-0176	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)	187.52	43.32
28 46 13 31-0177	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)	171.57	43.32
28 46 13 31-0178	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)	160.97	43.32
28 46 13 31-0179	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)	171.57	43.32
28 46 13 31-0180	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)	171.57	43.32
28 46 13 31-0181	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)	171.57	43.32
28 46 13 31-0182	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	189.71	49.10
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	189.71	49.10
28 46 13 31-0184	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)	140.39	43.32
28 46 13 31-0185	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)	182.52	43.32
28 46 13 31-0186		**Fire Alarm Bells** *(28 46 13 31-0135)*		
28 46 13 31-0187	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)	202.41	43.32
28 46 13 31-0188	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	162.34	43.32
28 46 13 31-0189	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	179.44	43.32
28 46 13 31-0190		**Multiple Tone Signal** *(28 46 13 31-0135)*		
28 46 13 31-0191	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)	1,288.97	1,245.64
28 46 13 31-0192		**Multi-Purpose Loudspeaker** *(28 46 13 31-0135)*		
28 46 13 31-0193	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	266.31	43.32
28 46 13 31-0194	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	266.31	43.32
28 46 13 31-0195		**Bell/Strobe Plate** *(28 46 13 31-0135)*		
28 46 13 31-0196	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	134.77	23.10
28 46 13 31-0197		**Mounting Accessories** *(28 46 13 31-0135)*		
28 46 13 31-0198	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	63.89	23.10
28 46 13 31-0199	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	63.89	23.10
28 46 13 31-0200	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	63.89	23.10
28 46 13 31-0201	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	63.89	23.10
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	63.89	23.10
28 46 13 31-0203		**Firefighters' Telephones** *(28 46 13 31-0135)*		
28 46 13 31-0204	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,155.76	72.21
28 46 13 31-0205	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	650.10	72.21
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	468.00	72.21
28 46 13 31-0207	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	341.05	72.21
28 46 13 31-0208	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	627.43	72.21
28 46 13 31-0209	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	386.36	72.21
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	707.68	72.21
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	401.46	72.21
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	810.44	72.21
28 46 13 31-0213	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	88.59	23.10
28 46 13 31-0214	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	101.74	23.10
28 46 13 31-0215	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	142.33	
28 46 13 31-0216	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	142.33	
28 46 13 31-0217	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	215.52	28.89
28 46 13 31-0218	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	267.85	28.89
28 46 13 31-0219	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	189.36	28.89
28 46 13 31-0220	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4)	181.66	28.89
28 46 13 31-0221	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	134.46	43.32
28 46 13 31-0222	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,192.94	57.76
28 46 13 31-0223		**Mass Notification EC Appliances** *(28 46 13 31-0135)*		
28 46 13 31-0224	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	157.92	43.32
28 46 13 31-0225	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	152.49	43.32
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	157.92	43.32
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	152.49	43.32
28 46 13 31-0228	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	23.83	8.66

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0229		Hazardous Location Devices *(28 46 13 31-0002)*		
28 46 13 31-0230		Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location *(28 46 13 31-0229)*		
28 46 13 31-0231	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	134.80	43.32
28 46 13 31-0232	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	134.80	43.32
28 46 13 31-0233	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	139.99	43.32
28 46 13 31-0234	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	139.99	43.32
28 46 13 31-0235	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	187.95	43.32
28 46 13 31-0236	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	187.95	43.32
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	139.99	43.32
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	139.99	43.32
28 46 13 31-0239		Hazardous Locations Fire Alarm Station *(28 46 13 31-0229)*		
28 46 13 31-0240	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	1,224.31	72.21
28 46 13 31-0241	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	1,165.64	72.21
28 46 13 31-0242		Hazardous Location Strobes *(28 46 13 31-0229)*		
28 46 13 31-0243	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,817.99	43.32
28 46 13 31-0244	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	339.48	14.44
28 46 13 31-0245	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	444.07	17.33
28 46 13 31-0246	EA	Pendant Mounting Module (EST3 116EX-P)	325.99	17.33
28 46 13 31-0247		Hazardous Location Bells *(28 46 13 31-0229)*		
28 46 13 31-0248	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	1,312.22	43.32
28 46 13 31-0249	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	1,346.19	43.32
28 46 13 31-0250	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	1,358.42	43.32
28 46 13 31-0251		Hazardous Location Horns *(28 46 13 31-0229)*		
28 46 13 31-0252	EA	Hazardous Location Horns (EST3 888D-N5)	1,282.95	43.32
28 46 13 31-0253	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	1,047.92	43.32
28 46 13 31-0254		Door Holders And Relays *(28 46 13 31-0002)*		
28 46 13 31-0255		Electromagnetic Door Holders *(28 46 13 31-0254)*		
28 46 13 31-0256	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	230.39	43.32
28 46 13 31-0257	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	298.56	43.32
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	195.58	43.32
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	195.58	43.32
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	198.73	43.32
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	201.73	43.32
28 46 13 31-0262		Control Relays, Multi-Voltage *(28 46 13 31-0254)*		
28 46 13 31-0263	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	46.58	8.66
28 46 13 31-0264		FireShield Plus *(28 46 13 31-0002)*		
28 46 13 31-0265		3 Zone System *(28 46 13 31-0264)*		
28 46 13 31-0266	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,250.05	346.61
28 46 13 31-0267	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,820.65	462.14
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,250.05	346.61
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,820.65	462.14
28 46 13 31-0270	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	87.63	14.44
28 46 13 31-0271	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	87.63	14.44
28 46 13 31-0272		5 Zone System *(28 46 13 31-0264)*		
28 46 13 31-0273	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,345.12	346.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0274	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,910.29	462.14
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,345.12	346.61
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,910.29	462.14
28 46 13 31-0277	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	87.63	14.44
28 46 13 31-0278	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	87.63	14.44
28 46 13 31-0279		10 Zone System *(28 46 13 31-0264)*		
28 46 13 31-0280	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	1,942.88	462.14
28 46 13 31-0281	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,513.48	577.68
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,902.14	462.14
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,513.48	577.68
28 46 13 31-0284	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	102.34	14.44
28 46 13 31-0285	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	187.10	28.89
28 46 13 31-0286		FireShield Plus Off Premise Communication Options *(28 46 13 31-0264)*		
28 46 13 31-0287	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	410.87	28.89
28 46 13 31-0288		FireShield Plus Remote LED Annunciators *(28 46 13 31-0264)*		
28 46 13 31-0289	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	174.79	43.32
28 46 13 31-0290	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	174.79	43.32
28 46 13 31-0291	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	181.72	43.32
28 46 13 31-0292	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	35.00	8.66
28 46 13 31-0293	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	43.86	8.66
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	65.16	8.66
28 46 13 31-0295		FireShield Plus Remote 10 Zone LED Annunciators *(28 46 13 31-0264)*		
28 46 13 31-0296	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	548.41	43.32
28 46 13 31-0297	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	602.74	43.32
28 46 13 31-0298	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	193.57	28.89
28 46 13 31-0299		FireShield Plus Remote Relays And Interfaces *(28 46 13 31-0264)*		
28 46 13 31-0300	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	204.65	28.89
28 46 13 31-0301	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-115 (EST3 FSRRM-S11)	84.70	17.33
28 46 13 31-0302	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	326.67	28.89
28 46 13 31-0303		FireShield Plus Accessories *(28 46 13 31-0264)*		
28 46 13 31-0304	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	19.05	
28 46 13 31-0305	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	11.61	
28 46 13 31-0306		iO Series Fire Control Panels *(28 46 13 31-0002)*		
28 46 13 31-0307		Intelligent Analog Control Panels *(28 46 13 31-0306)*		
28 46 13 31-0308	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	3,744.90	577.68
28 46 13 31-0309	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,008.38	577.68
28 46 13 31-0310	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	2,989.40	462.14
28 46 13 31-0311	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,111.64	462.14
28 46 13 31-0312		Option Modules And Accessories For iO Series *(28 46 13 31-0306)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0313	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	358.27	43.32
28 46 13 31-0314	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	222.46	43.32
28 46 13 31-0315	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	222.46	43.32
28 46 13 31-0316	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	193.57	28.89
28 46 13 31-0317	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	399.33	23.10
28 46 13 31-0318	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	725.28	23.10
28 46 13 31-0319	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	85.93	14.44
28 46 13 31-0320	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	99.51	14.44
28 46 13 31-0321	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,337.85	57.76
28 46 13 31-0322		**Remote Annunciators For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0323	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	731.75	43.32
28 46 13 31-0324	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	765.71	43.32
28 46 13 31-0325		**Remote Annunciator Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0326	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	83.21	14.44
28 46 13 31-0327	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	56.05	14.44
28 46 13 31-0328	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	76.41	14.44
28 46 13 31-0329	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	222.46	43.32
28 46 13 31-0330	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	256.40	43.32
28 46 13 31-0331	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	290.37	43.32
28 46 13 31-0332	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	56.05	14.44
28 46 13 31-0333	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	56.05	14.44
28 46 13 31-0334	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	115.40	14.44
28 46 13 31-0335		**System Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0336	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	409.16	57.76
28 46 13 31-0337	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,851.07	462.14
28 46 13 31-0338		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0339		**Detectors, Heat, Double Pole** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0340	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	159.84	43.32
28 46 13 31-0341	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	159.84	43.32
28 46 13 31-0342	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	159.84	43.32
28 46 13 31-0343	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	159.84	43.32
28 46 13 31-0344		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0338)*		
28 46 13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	97.37	43.32
28 46 13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	268.24	23.10
28 46 13 31-0347	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	84.23	28.89
28 46 13 31-0348		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	149.45	43.32
28 46 13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	149.45	43.32
28 46 13 31-0351		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0352		**Audio Notification Panels** *(28 46 13 31-0351)*		
28 46 13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,188.99	577.68
28 46 13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,188.99	577.68
28 46 13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	3,871.61	577.68
28 46 13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	3,871.61	577.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	4,523.51	577.68
28 46 13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,523.51	577.68
28 46 13 31-0359		**Audio Notification Expander Panels** *(28 46 13 31-0351)*		
28 46 13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	3,980.26	577.68
28 46 13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	3,980.26	577.68
28 46 13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,703.62	577.68
28 46 13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,703.62	577.68
28 46 13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,450.59	577.68
28 46 13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,450.59	577.68
28 46 13 31-0366		**Audio Notification Output Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	151.12	14.44
28 46 13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	668.92	28.89
28 46 13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	668.92	28.89
28 46 13 31-0370	EA	Class A Converter (GE ANSZSC4A)	478.78	28.89
28 46 13 31-0371		**Audio Notification Remote Microphone** *(28 46 13 31-0351)*		
28 46 13 31-0372	EA	Microphone (GE ANSMIKE)	179.99	28.89
28 46 13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	736.82	28.89
28 46 13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	736.82	28.89
28 46 13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	164.70	14.44
28 46 13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	89.99	14.44
28 46 13 31-0377		**Audio Notification Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	302.22	28.89
28 46 13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	302.22	28.89
28 46 13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	302.22	28.89
28 46 13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	668.92	28.89
28 46 13 31-0382		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 13 31-0351)*		
28 46 13 31-0383	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,437.93	57.76
28 46 13 31-0384	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,560.16	57.76
28 46 13 31-0385	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	3,538.02	57.76
28 46 13 31-0386	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,337.85	57.76
28 46 13 31-0387	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,337.85	57.76
28 46 13 31-0388	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,437.93	57.76
28 46 13 31-0389	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	1,949.01	57.76
28 46 13 31-0390	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,071.24	57.76
28 46 13 31-0391	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,049.09	57.76
28 46 13 31-0392	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	151.12	14.44
28 46 13 31-0393	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	111.79	14.44
28 46 13 31-0394		**Simplex Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0395		**4100 Fire Alarm Control Panel** *(28 46 13 31-0394)*		
28 46 13 31-0396	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,425.30	576.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0397	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,015.28	576.69
28 46 13 31-0398	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,105.27	576.69
28 46 13 31-0399	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,106.82	576.69
28 46 13 31-0400	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,207.08	576.69
28 46 13 31-0401	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,054.02	144.17
28 46 13 31-0402	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	429.70	28.84
28 46 13 31-0403	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,234.79	28.84
28 46 13 31-0404		4100U Backbox *(28 46 13 31-0394)*		
28 46 13 31-0405	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,139.66	115.34
28 46 13 31-0406	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,015.00	115.34
28 46 13 31-0407		DACT (Digital Alarm Communicator Transmitter) *(28 46 13 31-0394)*		
28 46 13 31-0408	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,171.70	57.66
28 46 13 31-0409		4010 Fire Alarm Control Panel *(28 46 13 31-0394)*		
28 46 13 31-0410	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,063.62	576.69
28 46 13 31-0411	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	5,884.39	576.69
28 46 13 31-0412	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	220.58	28.84
28 46 13 31-0413	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	961.65	28.84
28 46 13 31-0414	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,322.61	28.84
28 46 13 31-0415	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	678.96	28.84
28 46 13 31-0416	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	734.84	28.84
28 46 13 31-0417	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	274.87	28.84
28 46 13 31-0418		Printer *(28 46 13 31-0394)*		
28 46 13 31-0419	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,130.79	28.84
28 46 13 31-0420		NAC Panel / Power Booster *(28 46 13 31-0394)*		
28 46 13 31-0421	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,372.36	144.17
28 46 13 31-0422		Battery *(28 46 13 31-0394)*		
28 46 13 31-0423	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	860.90	28.84
28 46 13 31-0424	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	571.44	28.84
28 46 13 31-0425	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	204.81	28.84
28 46 13 31-0426		Interface Modules *(28 46 13 31-0394)*		
28 46 13 31-0427	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow/tamper, etc.	165.03	28.84
28 46 13 31-0428	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	343.70	28.84
28 46 13 31-0429	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	80.85	28.84
28 46 13 31-0430	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	167.00	28.84
28 46 13 31-0431	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	74.23	14.41
28 46 13 31-0432	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	70.45	14.41
28 46 13 31-0433		Pull Stations *(28 46 13 31-0394)*		
28 46 13 31-0434	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	203.35	28.84
28 46 13 31-0435	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	144.68	28.84
28 46 13 31-0436	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	156.02	28.84
28 46 13 31-0437	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	139.57	28.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0438	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	163.59	28.84
28 46 13 31-0439	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	249.92	28.84
28 46 13 31-0440	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	208.98	28.84
28 46 13 31-0441	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	246.81	28.84
28 46 13 31-0442	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	113.15	28.84
28 46 13 31-0443	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	120.07	28.84
28 46 13 31-0444	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	142.37	28.84
28 46 13 31-0445	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	223.40	28.84
28 46 13 31-0446	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	389.13	28.84
28 46 13 31-0447	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	125.76	28.84
28 46 13 31-0448	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	78.03	14.41
28 46 13 31-0449		**Weatherproof Pull Stations** *(28 46 13 31-0394)*		
28 46 13 31-0450	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	197.85	34.60
28 46 13 31-0451	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	128.29	14.41
28 46 13 31-0452		**Heat / Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0453	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	197.94	43.25
28 46 13 31-0454	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	290.81	43.25
28 46 13 31-0455	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	575.44	14.41
28 46 13 31-0456	EA	Standard Sensor Base (Simplex 4098-9792)	291.55	14.41
28 46 13 31-0457	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	165.72	28.84
28 46 13 31-0458		**Explosion Proof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0459	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	209.82	43.25
28 46 13 31-0460	EA	Explosion Proof Backbox (Killark JLX-21)	138.57	14.41
28 46 13 31-0461	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	12.46	2.89
28 46 13 31-0462		**Weatherproof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0463	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	150.15	43.25
28 46 13 31-0464		**200 Degree F Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0465	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	123.48	43.25
28 46 13 31-0466		**Duct Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0467	EA	Duct Sensor Housing (Simplex 4098-9755)	463.87	23.06
28 46 13 31-0468	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	623.01	51.90
28 46 13 31-0469	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	68.30	14.41
28 46 13 31-0470	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	161.41	43.25
28 46 13 31-0471		**Interior Horn** *(28 46 13 31-0394)*		
28 46 13 31-0472	EA	Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	148.99	43.25
28 46 13 31-0473	EA	White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	148.99	43.25
28 46 13 31-0474		**Interior Horn Strobe** *(28 46 13 31-0394)*		
28 46 13 31-0475	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	208.01	43.25
28 46 13 31-0476	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	208.01	43.25
28 46 13 31-0477	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	194.54	43.25
28 46 13 31-0478	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	194.54	43.25
28 46 13 31-0479	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	194.54	43.25
28 46 13 31-0480	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	194.54	43.25
28 46 13 31-0481	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	199.06	43.25
28 46 13 31-0482	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	199.06	43.25
28 46 13 31-0483	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	206.99	43.25
28 46 13 31-0484	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	203.33	43.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0485	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	206.99	43.25
28 46 13 31-0486	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	203.33	43.25
28 46 13 31-0487	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	194.54	43.25
28 46 13 31-0488	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	194.54	43.25
28 46 13 31-0489	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	194.54	43.25
28 46 13 31-0490	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	194.54	43.25

28 46 13 31-0491 Interior Strobe *(28 46 13 31-0394)*

28 46 13 31-0492	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	165.94	43.25
28 46 13 31-0493	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	165.94	43.25
28 46 13 31-0494	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	165.88	43.25
28 46 13 31-0495	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	165.94	43.25
28 46 13 31-0496	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	183.05	43.25
28 46 13 31-0497	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	183.05	43.25
28 46 13 31-0498	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	184.14	43.25
28 46 13 31-0499	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	187.12	43.25
28 46 13 31-0500	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	187.12	43.25
28 46 13 31-0501	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	187.12	43.25
28 46 13 31-0502	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	165.94	43.25
28 46 13 31-0503	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	165.94	43.25
28 46 13 31-0504	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	165.94	43.25
28 46 13 31-0505	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	165.94	43.25

28 46 13 31-0506 Interior Speakers *(28 46 13 31-0394)*

28 46 13 31-0507	EA	Red With White “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	134.51	43.25
28 46 13 31-0508	EA	White With Red “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	134.51	43.25
28 46 13 31-0509	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	134.51	43.25

28 46 13 31-0510 Interior Speaker Strobe *(28 46 13 31-0394)*

28 46 13 31-0511	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	221.33	43.25
28 46 13 31-0512	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	221.33	43.25

28 46 13 31-0513 Surge Suppressors *(28 46 13 31-0394)*

28 46 13 31-0514	EA	Overvoltage Suppressor (Simplex 2081-9044)	144.66	8.65
28 46 13 31-0515	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	92.25	8.65
28 46 13 31-0516	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	310.66	8.65
28 46 13 31-0517	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	105.75	8.65
28 46 13 31-0518	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	159.22	14.41
28 46 13 31-0519	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	108.43	8.65
28 46 13 31-0520	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	81.42	8.65

28 46 13 31-0521 Boxes And Adapters *(28 46 13 31-0394)*

28 46 13 31-0522	EA	Semi-Flush Mount Modular Adapter Using Standard 4” Square Electrical Box (Simplex 4905-9921)	70.45	14.41
28 46 13 31-0523	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	66.67	14.41
28 46 13 31-0524	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	59.25	14.41
28 46 13 31-0525	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	48.73	14.41

28 46 13 31-0526 Accessories *(28 46 13 31-0394)*

28 46 13 31-0527	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	33.24	14.41

28 46 13 31-0528 Siemens Fire Alarm *(28 46 13 31)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0529		Conventional Control Panels *(28 46 13 31-0528)*		
28 46 13 31-0530		SXL Batteries And Power Supplies *(28 46 13 31-0529)*		
28 46 13 31-0531	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,223.57	57.66
28 46 13 31-0532	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	984.54	57.66
28 46 13 31-0533		Digital Fire Communicators *(28 46 13 31-0529)*		
28 46 13 31-0534	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	953.03	57.66
28 46 13 31-0535		Addressable Control Panels *(28 46 13 31-0528)*		
28 46 13 31-0536		Fireseeker Equipment *(28 46 13 31-0535)*		
28 46 13 31-0537		FS-250 System Panels *(28 46 13 31-0536)*		
28 46 13 31-0538	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	2,909.16	576.69
28 46 13 31-0539	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	3,639.29	576.69
28 46 13 31-0540	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,161.31	461.35
28 46 13 31-0541	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	2,913.51	576.69
28 46 13 31-0542		FS-250 Optional Modules *(28 46 13 31-0536)*		
28 46 13 31-0543	EA	Main Board Module (Siemens FS-MB2)	1,232.26	57.66
28 46 13 31-0544	EA	Display Board Module (Siemens FS-DB2)	961.63	28.84
28 46 13 31-0545	EA	Device Loop Card (Siemens FS-DLC)	787.79	28.84
28 46 13 31-0546	EA	Releasing Module (Siemens FS-REL)	348.84	28.84
28 46 13 31-0547	EA	Remote LCD Annunciator (Siemens FS-RD2)	782.36	28.84
28 46 13 31-0548	EA	Relay Processor Card (Siemens FS-RU2)	679.14	28.84
28 46 13 31-0549	EA	Relay Expander Board (Siemens FS-RE8)	579.18	28.84
28 46 13 31-0550	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	782.36	28.84
28 46 13 31-0551	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	609.60	28.84
28 46 13 31-0552	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	554.19	28.84
28 46 13 31-0553	EA	Municipal Tie Module (Siemens FS-MT)	470.53	28.84
28 46 13 31-0554	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	427.17	
28 46 13 31-0555	EA	Programming Cable Kit (Siemens CBL-UD)	112.50	14.41
28 46 13 31-0556	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	202.16	28.84
28 46 13 31-0557	EA	Releasing Power Transformer (Siemens FS-RPT-A)	205.42	28.84
28 46 13 31-0558	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	233.02	23.06
28 46 13 31-0559	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	380.87	14.41
28 46 13 31-0560		Firefinder Systems *(28 46 13 31-0535)*		
28 46 13 31-0561		XLS Basic Fire System Packages Without Backbox *(28 46 13 31-0560)*		
28 46 13 31-0562	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,295.79	576.69
28 46 13 31-0563	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,055.01	576.69
28 46 13 31-0564	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,055.01	576.69
28 46 13 31-0565	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	15,221.99	576.69
28 46 13 31-0566	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	15,736.99	576.69
28 46 13 31-0567	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	8,930.06	576.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0568	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	8,930.06	576.69
28 46 13 31-0569	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	10,381.63	576.69
28 46 13 31-0570		**Firefinder - XLS Basic System Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0571	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	4,774.68	576.69
28 46 13 31-0572	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	7,980.95	576.69
28 46 13 31-0573	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	4,774.68	576.69
28 46 13 31-0574	EA	Two Slot Card Cage (Siemens CC-2)	596.56	28.84
28 46 13 31-0575	EA	Five Slot Card Cage (Siemens CC-5)	1,010.52	28.84
28 46 13 31-0576	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,445.12	28.84
28 46 13 31-0577	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,509.22	28.84
28 46 13 31-0578	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	474.88	28.84
28 46 13 31-0579	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,713.49	28.84
28 46 13 31-0580	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	969.23	28.84
28 46 13 31-0581	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	3,678.96	28.84
28 46 13 31-0582	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,224.08	576.69
28 46 13 31-0583	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,134.38	28.84
28 46 13 31-0584	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,059.66	28.84
28 46 13 31-0585	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	513.99	28.84
28 46 13 31-0586	EA	Conventional Detector Card (Siemens CDC-4)	1,093.09	28.84
28 46 13 31-0587	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,143.74	28.84
28 46 13 31-0588	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	7,715.31	28.84
28 46 13 31-0589		**Remote Lobby Enclosure** *(28 46 13 31-0560)*		
28 46 13 31-0590	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,411.71	115.34
28 46 13 31-0591	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	1,824.58	115.34
28 46 13 31-0592	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	223.89	28.84
28 46 13 31-0593	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	244.54	28.84
28 46 13 31-0594		**Battery Enclosures** *(28 46 13 31-0560)*		
28 46 13 31-0595	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	872.80	115.34
28 46 13 31-0596		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0560)*		
28 46 13 31-0597	EA	Output Control Module (Siemens OCM-16)	699.78	28.84
28 46 13 31-0598	EA	Supervised Input Module (Siemens SIM-16)	699.78	28.84
28 46 13 31-0599		**Remote LCD Displays** *(28 46 13 31-0560)*		
28 46 13 31-0600	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,621.30	86.50
28 46 13 31-0601	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	1,828.83	86.50
28 46 13 31-0602		**Voice Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0603	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,613.53	28.84
28 46 13 31-0604	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	3,576.83	28.84
28 46 13 31-0605	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,505.96	28.84
28 46 13 31-0606		**MXL Series Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0607		**MXL Optional Equipment** *(28 46 13 31-0606)*		
28 46 13 31-0608	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,736.40	57.66
28 46 13 31-0609	EA	CXL/MXL Interface Module (Siemens CMI-300)	4,490.58	28.84
28 46 13 31-0610	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	770.40	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0611	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	930.12	28.84
28 46 13 31-0612	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	349.93	28.84
28 46 13 31-0613	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	216.29	28.84
28 46 13 31-0614	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	905.13	28.84
28 46 13 31-0615	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	325.53	43.25
28 46 13 31-0616	EA	Lexan Window For RCC (Siemens GENBOX-WD)	221.07	23.06
28 46 13 31-0617	EA	Input Driver Module (Siemens MID-16)	593.30	28.84
28 46 13 31-0618	EA	Programmable Output Driver Module (Siemens MOD-16)	593.30	28.84
28 46 13 31-0619	EA	MXL Output/Input Module (Siemens MOI-7)	949.68	28.84
28 46 13 31-0620	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	505.30	28.84
28 46 13 31-0621	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	795.39	28.84
28 46 13 31-0622	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	1,955.95	86.50
28 46 13 31-0623	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	1,955.95	86.50
28 46 13 31-0624	EA	Network Interface Module (Siemens NIM-1W)	1,416.87	28.84
28 46 13 31-0625	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	3,707.48	115.34
28 46 13 31-0626	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	415.12	28.84
28 46 13 31-0627	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,048.90	576.69
28 46 13 31-0628	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	498.87	57.66
28 46 13 31-0629	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,048.90	576.69
28 46 13 31-0630	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	511.91	57.66
28 46 13 31-0631	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,109.08	576.69
28 46 13 31-0632	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	4,661.69	576.69
28 46 13 31-0633	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	77.73	14.41
28 46 13 31-0634	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	5,765.14	57.66
28 46 13 31-0635	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	12,280.88	57.66
28 46 13 31-0636	EA	Releasing End Of Line Module (Siemens REL-EOL)	176.09	28.84
28 46 13 31-0637	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	3,675.80	57.66
28 46 13 31-0638	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	3,509.57	57.66
28 46 13 31-0639	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,861.52	115.34
28 46 13 31-0640		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0606)*		
28 46 13 31-0641	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	13,441.21	576.69
28 46 13 31-0642	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	17,513.41	576.69
28 46 13 31-0643	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	36,531.51	576.69
28 46 13 31-0644		**MXL Basic System** *(28 46 13 31-0606)*		
28 46 13 31-0645	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	8,317.28	576.69
28 46 13 31-0646	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	10,749.95	576.69
28 46 13 31-0647	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,099.96	57.66
28 46 13 31-0648	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	3,884.41	57.66
28 46 13 31-0649	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,346.42	86.50
28 46 13 31-0650	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	99.46	14.41
28 46 13 31-0651		**MXL/MXLR System Expansion Accessories** *(28 46 13 31-0606)*		
28 46 13 31-0652	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,653.90	86.50
28 46 13 31-0653	EA	Style 4 Communication Module (Siemens NET-4)	339.06	28.84
28 46 13 31-0654	EA	Style 7 Communication Module (Siemens NET-7)	618.29	28.84
28 46 13 31-0655	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	370.57	28.84
28 46 13 31-0656		**Peripheral Devices** *(28 46 13 31-0535)*		
28 46 13 31-0657		**Thermal Detectors** *(28 46 13 31-0656)*		
28 46 13 31-0658	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	139.74	43.25
28 46 13 31-0659	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	139.74	43.25
28 46 13 31-0660	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	139.74	43.25
28 46 13 31-0661	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	139.74	43.25
28 46 13 31-0662	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	221.23	43.25
28 46 13 31-0663	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	221.23	43.25
28 46 13 31-0664	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	550.44	43.25
28 46 13 31-0665		**Beam Smoke Detector** *(28 46 13 31-0656)*		
28 46 13 31-0666	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,613.04	43.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0667	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	298.29	14.41
28 46 13 31-0668	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	301.55	14.41
28 46 13 31-0669	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	153.79	14.41
28 46 13 31-0670		Bases For Detectors *(28 46 13 31-0656)*		
28 46 13 31-0671	EA	Detector Base (Siemens DB-11)	45.14	14.41
28 46 13 31-0672	EA	Universal Base (Siemens DB-3S)	41.88	14.41
28 46 13 31-0673		Manual Stations *(28 46 13 31-0656)*		
28 46 13 31-0674	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	328.87	34.60
28 46 13 31-0675		Addressable Devices *(28 46 13 31-0535)*		
28 46 13 31-0676		Intelligent Detectors And Devices For Firefinder XLS And FS-250 *(28 46 13 31-0675)*		
28 46 13 31-0677	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	273.38	43.25
28 46 13 31-0678	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	235.35	43.25
28 46 13 31-0679	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	190.80	43.25
28 46 13 31-0680	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	126.70	43.25
28 46 13 31-0681	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	126.70	43.25
28 46 13 31-0682	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	286.91	28.84
28 46 13 31-0683	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	273.87	28.84
28 46 13 31-0684	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	216.29	28.84
28 46 13 31-0685	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	265.18	28.84
28 46 13 31-0686	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	265.18	28.84
28 46 13 31-0687	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	199.99	28.84
28 46 13 31-0688	EA	Line Isolator Module (Siemens HLIM)	206.51	28.84
28 46 13 31-0689	EA	Remote Convention Zone Module (Siemens HZM)	306.47	28.84
28 46 13 31-0690	EA	Intelligent Control Point Module (Siemens HCP)	389.04	28.84
28 46 13 31-0691	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,723.78	
28 46 13 31-0692	EA	DPU Carrying Case (Siemens DPU-C1)	265.02	
28 46 13 31-0693	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	2,952.10	28.84
28 46 13 31-0694		Air Duct Housings And Detectors *(28 46 13 31-0675)*		
28 46 13 31-0695	EA	Air-Duct Housing (Siemens AD2-P)	314.51	23.06
28 46 13 31-0696	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	355.79	23.06
28 46 13 31-0697	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	284.74	28.84
28 46 13 31-0698	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	39.03	8.65
28 46 13 31-0699	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	48.05	11.54
28 46 13 31-0700	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	60.35	14.41
28 46 13 31-0701	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	70.45	17.30
28 46 13 31-0702		Intelligent Initiating Devices For MXL, MXL-LQ And MXLV *(28 46 13 31-0675)*		
28 46 13 31-0703	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	285.33	43.25
28 46 13 31-0704	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	245.13	43.25
28 46 13 31-0705	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	315.75	43.25
28 46 13 31-0706	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	279.31	28.84
28 46 13 31-0707	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	308.64	28.84
28 46 13 31-0708	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	282.57	28.84
28 46 13 31-0709	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	312.99	28.84
28 46 13 31-0710	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	312.99	28.84
28 46 13 31-0711		Detector Universal Bases *(28 46 13 31-0675)*		
28 46 13 31-0712	EA	Detector Base With Relay (Siemens DB-X11RS)	132.06	14.41
28 46 13 31-0713	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	66.87	14.41
28 46 13 31-0714	EA	Locking Kit (Siemens LK-11)	12.41	
28 46 13 31-0715	EA	Detector Base With Relay (Siemens DB-X3RS)	132.06	14.41
28 46 13 31-0716	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	153.79	14.41
28 46 13 31-0717	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	63.61	14.41
28 46 13 31-0718	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	30.34	8.65
28 46 13 31-0719	EA	Seal For DB-11 (Siemens DB11-SEAL)	15.03	
28 46 13 31-0720	EA	Gasket For DB-11 (Siemens DB-SEAL)	16.46	
28 46 13 31-0721	EA	Detector Guard Housing (Siemens DGH-11)	193.99	14.41
28 46 13 31-0722	EA	Small Detector Base (Siemens DB-11E)	49.48	14.41
28 46 13 31-0723	EA	Audible Base For Series 3 (Siemens ADBI-60A)	173.34	14.41
28 46 13 31-0724	EA	Base Plug (Siemens DB-11-DP)	12.37	
28 46 13 31-0725		Air Duct Smoke Detectors *(28 46 13 31-0675)*		
28 46 13 31-0726	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	145.67	28.84
28 46 13 31-0727	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	760.63	28.84
28 46 13 31-0728		Notification Devices *(28 46 13 31-0535)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0729		**Synchronization Control Devices** *(28 46 13 31-0728)*		
28 46 13 31-0730	EA	Dual Synchronization Control Module (Siemens DSC)	216.29	28.84
28 46 13 31-0731		**Stand Alone Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0732	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	178.85	43.25
28 46 13 31-0733	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	195.15	43.25
28 46 13 31-0734	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	178.85	43.25
28 46 13 31-0735	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	195.15	43.25
28 46 13 31-0736	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	195.15	43.25
28 46 13 31-0737	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	178.85	43.25
28 46 13 31-0738	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	207.10	43.25
28 46 13 31-0739	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	198.41	43.25
28 46 13 31-0740	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	198.41	43.25
28 46 13 31-0741	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	212.53	43.25
28 46 13 31-0742	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	212.53	43.25
28 46 13 31-0743		**Horns And Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0744	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	242.96	43.25
28 46 13 31-0745	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	257.08	43.25
28 46 13 31-0746	EA	Wall Mounted Horn (Siemens SE-R)	139.74	43.25
28 46 13 31-0747	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	242.96	43.25
28 46 13 31-0748	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	257.08	43.25
28 46 13 31-0749	EA	Ceiling Mounted Horn (Siemens SEC-R)	146.26	43.25
28 46 13 31-0750	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	242.96	43.25
28 46 13 31-0751	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	257.08	43.25
28 46 13 31-0752	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	139.74	43.25
28 46 13 31-0753	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	242.96	43.25
28 46 13 31-0754	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	257.08	43.25
28 46 13 31-0755	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	146.26	43.25
28 46 13 31-0756	EA	Mini Horn (Siemens MH-R)	115.84	43.25
28 46 13 31-0757	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	148.43	43.25
28 46 13 31-0758	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	228.83	43.25
28 46 13 31-0759	EA	Industrial Tri-Tone Horn (Siemens ASR)	656.91	43.25
28 46 13 31-0760	EA	Wall Mounted Horn (Siemens HS-R)	148.43	43.25
28 46 13 31-0761	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	229.92	43.25
28 46 13 31-0762	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	247.30	43.25
28 46 13 31-0763	EA	6" Motor Bell (Siemens MBDC-6)	170.16	43.25
28 46 13 31-0764	EA	10" Motor Bell (Siemens MBDC-10)	186.46	43.25
28 46 13 31-0765		**Mounting Accessories** *(28 46 13 31-0728)*		
28 46 13 31-0766	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	41.88	14.41
28 46 13 31-0767	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	41.88	14.41
28 46 13 31-0768	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	42.96	14.41
28 46 13 31-0769	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	69.04	14.41
28 46 13 31-0770	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	54.92	14.41
28 46 13 31-0771	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	58.18	14.41
28 46 13 31-0772	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	62.52	14.41
28 46 13 31-0773	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	49.48	14.41
28 46 13 31-0774	EA	Semi-Flush Plate (Siemens SFPS-R)	40.79	14.41
28 46 13 31-0775	EA	Square Surface Backbox (Siemens SHBBS-R)	49.48	14.41
28 46 13 31-0776	EA	Horn Adapter Plate (Siemens SHMPS-R)	47.31	14.41
28 46 13 31-0777	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	41.88	14.41
28 46 13 31-0778	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	54.92	14.41
28 46 13 31-0779	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	58.18	14.41
28 46 13 31-0780	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	56.00	14.41
28 46 13 31-0781	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	62.52	14.41
28 46 13 31-0782	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	62.52	14.41
28 46 13 31-0783	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	62.52	14.41
28 46 13 31-0784	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	58.18	14.41
28 46 13 31-0785	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	58.18	14.41
28 46 13 31-0786	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	41.88	14.41
28 46 13 31-0787	EA	Z Series Backbox (Siemens ZBB-R)	47.31	14.41
28 46 13 31-0788		**Door Holders** *(28 46 13 31-0728)*		
28 46 13 31-0789	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	366.82	43.25
28 46 13 31-0790	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	366.82	43.25
28 46 13 31-0791		**Voice Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0792		**Voicecom** *(28 46 13 31-0791)*		
28 46 13 31-0793	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	5,624.33	576.69

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0794	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	8,938.15	576.69
28 46 13 31-0795		Johnson Controls Fire Alarm *(28 46 13 31)*		
28 46 13 31-0796	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	213.18	43.25
28 46 13 31-0797	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	210.82	43.25
28 46 13 31-0798	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	264.78	43.25
28 46 13 31-0799	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	264.03	43.25
28 46 13 31-0800	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	734.76	57.66
28 46 13 31-0801	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	201.15	43.25
28 46 13 31-0802	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	178.82	43.25
28 46 13 31-0803	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	174.09	43.25
28 46 13 31-0804	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	537.99	43.25
28 46 13 31-0805	EA	100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	2,634.45	86.50
28 46 13 31-0806	EA	AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E)	2,552.14	86.50
28 46 13 31-0807	EA	120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,596.55	86.50
28 46 13 31-0808	EA	AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E)	2,485.68	86.50
28 46 13 31-0809	EA	30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30)	1,204.75	86.50
28 46 13 31-0810	EA	AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E)	1,204.75	86.50
28 46 13 31-0811	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	1,214.01	28.84
28 46 13 31-0812	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	1,262.88	28.84
28 46 13 31-0813	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	926.58	28.84
28 46 13 31-0814	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	926.58	28.84
28 46 13 31-0815	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	652.46	28.84
28 46 13 31-0816	EA	Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,109.03	57.66
28 46 13 31-0817	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	926.58	28.84
28 46 13 31-0818	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	963.32	28.84
28 46 13 31-0819	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	830.20	28.84
28 46 13 31-0820	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	830.20	28.84
28 46 13 31-0821	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	136.63	25.95
28 46 13 31-0822	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	1,268.37	57.66
28 46 13 31-0823	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	2,773.59	57.66
28 46 13 31-0824	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	1,268.37	57.66
28 46 13 31-0825	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	2,773.59	57.66
28 46 13 31-0826	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	48.77	14.41
28 46 13 31-0827	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	134.52	14.41
28 46 13 31-0828	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	126.77	14.41
28 46 13 31-0829	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	52.09	14.41
28 46 13 31-0830	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	46.58	14.41
28 46 13 31-0831	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	922.86	57.66
28 46 13 31-0832	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,166.69	86.50
28 46 13 31-0833	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,291.30	86.50
28 46 13 31-0834	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	253.13	14.41
28 46 13 31-0835	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	170.07	14.41
28 46 13 31-0836	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,168.52	86.50
28 46 13 31-0837	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,000.54	86.50
28 46 13 31-0838	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,000.54	86.50
28 46 13 31-0839	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,349.97	86.50
28 46 13 31-0840	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,166.69	86.50
28 46 13 31-0841	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,166.69	86.50
28 46 13 31-0842	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,166.69	86.50
28 46 13 31-0843	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,593.90	86.50
28 46 13 31-0844	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,593.90	86.50
28 46 13 31-0845	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,593.90	86.50
28 46 13 31-0846	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	267.11	28.84
28 46 13 31-0847	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	412.38	28.84
28 46 13 31-0848	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	36.30	11.54
28 46 13 31-0849	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	39.72	11.54
28 46 13 31-0850	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	98.50	17.30
28 46 13 31-0851	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	47.37	11.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0852	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	58.49	14.41
28 46 13 31-0853	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	414.85	28.84
28 46 13 31-0854	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	688.54	57.66
28 46 13 31-0855	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	567.03	86.50
28 46 13 31-0856	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	790.76	86.50
28 46 13 31-0857	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	865.52	86.50
28 46 13 31-0858	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	462.16	11.54
28 46 13 31-0859	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	697.57	11.54
28 46 13 31-0860	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	766.81	11.54
28 46 13 31-0861	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	917.10	115.34
28 46 13 31-0862	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,203.70	115.34
28 46 13 31-0863	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,144.94	86.50
28 46 13 31-0864	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	211.60	14.41
28 46 13 31-0865	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	600.94	28.84
28 46 13 31-0866	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	313.96	43.25
28 46 13 31-0867	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	255.04	43.25
28 46 13 31-0868	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	268.45	43.25
28 46 13 31-0869	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,211.50	57.66
28 46 13 31-0870	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	2,703.20	57.66
28 46 13 31-0871	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo. Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	815.15	28.84
28 46 13 31-0872	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply. 120 Volt AC. (Johnson Controls, Inc. #IFC-320) Note: Includes Door, Dress Panel And Back Box, Black	5,512.00	461.35
28 46 13 31-0873	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	2,727.07	57.66
28 46 13 31-0874	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	35,996.25	692.03
28 46 13 31-0875	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	39,319.05	692.03
28 46 13 31-0876	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	44,303.28	692.03
28 46 13 31-0877	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	39,319.05	692.03
28 46 13 31-0878	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	263.88	17.30
28 46 13 31-0879	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	297.11	17.30
28 46 13 31-0880	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	323.69	17.30
28 46 13 31-0881	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	606.13	17.30
28 46 13 31-0882	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	195.84	11.54
28 46 13 31-0883	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	304.99	25.95
28 46 13 31-0884	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	324.04	25.95
28 46 13 31-0885	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	596.83	25.95
28 46 13 31-0886	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	596.26	11.54
28 46 13 31-0887	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	803.94	11.54
28 46 13 31-0888	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	995.00	11.54
28 46 13 31-0889	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	278.08	28.84
28 46 13 31-0890	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	129.91	11.54
28 46 13 31-0891	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	5,499.43	461.35
28 46 13 31-0892	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640) Note: Includes CHS2-M2 Chassis	3,969.33	346.01
28 46 13 31-0893	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	7,148.88	461.35
28 46 13 31-0894	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	6,872.59	346.01
28 46 13 31-0895	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	4,945.71	346.01
28 46 13 31-0896	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	2,717.02	43.25
28 46 13 31-0897	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	2,744.75	43.25
28 46 13 31-0898	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	2,744.75	43.25
28 46 13 31-0899	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	3,247.94	57.66
28 46 13 31-0900	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2) Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).	2,751.99	57.66
28 46 13 31-0901	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	2,353.45	346.01
28 46 13 31-0902	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	1,953.89	57.66
28 46 13 31-0903	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,606.59	57.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0904	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	2,588.16	57.66
28 46 13 31-0905	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	801.38	14.41
28 46 13 31-0906	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	257.30	11.54
28 46 13 31-0907	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	317.11	11.54
28 46 13 31-0908	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	645.24	14.41
28 46 13 31-0909	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	1,185.19	14.41
28 46 13 31-0910	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	2,148.41	14.41
28 46 13 31-0911	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	167.38	14.41
28 46 13 31-0912	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	267.39	14.41
28 46 13 31-0913	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	131.15	14.41
28 46 13 31-0914	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	184.50	14.41
28 46 13 31-0915	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	145.16	14.41
28 46 13 31-0916	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	237.43	14.41
28 46 13 31-0917	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	270.94	14.41
28 46 13 31-0918	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	152.29	14.41
28 46 13 31-0919	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	2,266.26	43.25
28 46 13 31-0920	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	2,016.44	28.84
28 46 13 31-0921	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	1,863.60	28.84
28 46 13 31-0922	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	69.69	5.76
28 46 13 31-0923	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	1,630.03	28.84
28 46 13 31-0924	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	1,552.05	28.84
28 46 13 31-0925	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	3,963.73	57.66
28 46 13 31-0926	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	1,100.05	28.84
28 46 13 31-0927	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	300.50	11.54
28 46 13 31-0928	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	693.99	28.84
28 46 13 31-0929	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	693.99	28.84
28 46 13 31-0930	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	185.89	11.54
28 46 13 31-0931	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	49.11	5.76
28 46 13 31-0932	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	49.11	5.76
28 46 13 31-0933	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR)	186.20	43.25
28 46 13 31-0934	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH)	209.45	43.25
28 46 13 31-0935	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	247.57	49.01
28 46 13 31-0936	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	244.23	49.01
28 46 13 31-0937	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,657.84	115.34
28 46 13 31-0938	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	1,292.31	115.34
28 46 13 31-0939	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW)	186.20	43.25
28 46 13 31-0940	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH)	209.45	43.25
28 46 13 31-0941	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P)	186.20	43.25
28 46 13 31-0942	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	33.61	11.54
28 46 13 31-0943	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	38.21	5.76
28 46 13 31-0944	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	43.54	5.76
28 46 13 31-0945	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	38.25	5.76
28 46 13 31-0946	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR)	170.17	43.25
28 46 13 31-0947	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH)	209.45	43.25
28 46 13 31-0948	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	247.57	49.01
28 46 13 31-0949	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P)	209.45	43.25
28 46 13 31-0950	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	244.23	49.01
28 46 13 31-0951	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P)	186.20	43.25
28 46 13 31-0952	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW)	186.20	43.25
28 46 13 31-0953	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH)	209.45	43.25
28 46 13 31-0954	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P)	209.45	43.25
28 46 13 31-0955	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P)	186.20	43.25
28 46 13 31-0956	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	259.76	14.41
28 46 13 31-0957	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	1,146.64	57.66
28 46 13 31-0958	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	276.34	57.66
28 46 13 31-0959	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	117.96	28.84
28 46 13 31-0960	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	117.96	28.84
28 46 13 31-0961	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	218.66	28.84
28 46 13 31-0962	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	237.92	28.84
28 46 13 31-0963	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	237.92	28.84
28 46 13 31-0964	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	211.00	28.84
28 46 13 31-0965	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	288.12	28.84
28 46 13 31-0966	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	218.66	28.84
28 46 13 31-0967	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	117.96	28.84
28 46 13 31-0968	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	117.96	28.84
28 46 13 31-0969	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	237.92	28.84
28 46 13 31-0970	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	218.66	28.84
28 46 13 31-0971	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	218.66	28.84

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0972		Honeywell Fire Alarm *(28 46 13 31)*		
28 46 13 31-0973		Notifier Fire Alarm *(28 46 13 31-0972)*		
28 46 13 31-0974		Fire Alarm Control Panel And Accessories *(28 46 13 31-0973)*		
28 46 13 31-0975	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	5,482.00	576.69
28 46 13 31-0976	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	4,561.56	576.69
28 46 13 31-0977	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	3,843.65	576.69
28 46 13 31-0978	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	5,471.18	576.69
28 46 13 31-0979	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	5,321.28	576.69
28 46 13 31-0980	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,191.11	576.69
28 46 13 31-0981	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,066.81	576.69
28 46 13 31-0982	EA	Two-Tone Sequential Module (Notifier 2TTM)	330.73	28.84
28 46 13 31-0983	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	82.99	5.76
28 46 13 31-0984	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	159.10	11.54
28 46 13 31-0985	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	241.60	17.30
28 46 13 31-0986	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	379.75	
28 46 13 31-0987	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	71.96	
28 46 13 31-0988	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	4,968.93	576.69
28 46 13 31-0989	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,016.89	576.69
28 46 13 31-0990	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	204.35	5.76
28 46 13 31-0991	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	63.41	5.76
28 46 13 31-0992	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	90.35	11.54
28 46 13 31-0993	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	89.52	14.41
28 46 13 31-0994	EA	IP Communicator (Notifier IPDACT-2)	664.48	28.84
28 46 13 31-0995	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	770.18	28.84
28 46 13 31-0996	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	182.94	28.84
28 46 13 31-0997	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	182.45	28.84
28 46 13 31-0998	EA	Dual 8TPC To Single 8TPC “Y” Splitter With Two 9” Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	47.23	11.54
28 46 13 31-0999	EA	Loop Control Module (Notifier LCM-320)	1,930.97	57.66
28 46 13 31-1000	EA	Loop Expander Module (Notifier LEM-320)	1,522.77	57.66
28 46 13 31-1001	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,467.74	57.66
28 46 13 31-1002	EA	7' DACT Phone Cord (Notifier MCBL-7)	22.99	
28 46 13 31-1003	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	191.80	14.41
28 46 13 31-1004	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	220.62	28.84
28 46 13 31-1005	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	220.62	28.84
28 46 13 31-1006	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	577.79	28.84
28 46 13 31-1007	EA	Universal Zone Coder (Notifier UZC-256)	798.19	28.84
28 46 13 31-1008	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	247.36	
28 46 13 31-1009	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	854.35	
28 46 13 31-1010	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	542.51	
28 46 13 31-1011	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	3,480.11	17.30
28 46 13 31-1012		ONYX Cabinets *(28 46 13 31-0973)*		
28 46 13 31-1013	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	579.05	14.41
28 46 13 31-1014	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	776.94	14.41
28 46 13 31-1015	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	959.84	14.41
28 46 13 31-1016	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	115.84	17.30
28 46 13 31-1017	EA	Chassis Bridge (Notifier CB-1)	104.94	14.41
28 46 13 31-1018	EA	Four Position Chassis (Notifier CHS-4)	174.18	14.41
28 46 13 31-1019	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	199.64	28.84
28 46 13 31-1020	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	102.62	17.30
28 46 13 31-1021	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	129.29	17.30
28 46 13 31-1022	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	365.68	28.84
28 46 13 31-1023	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	234.53	28.84
28 46 13 31-1024	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	464.30	43.25
28 46 13 31-1025	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	289.84	43.25
28 46 13 31-1026	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	691.67	57.66
28 46 13 31-1027	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	425.77	57.66
28 46 13 31-1028	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	839.62	72.09
28 46 13 31-1029	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	495.50	72.09
28 46 13 31-1030	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	273.52	14.41
28 46 13 31-1031	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	189.35	14.41
28 46 13 31-1032	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	189.35	14.41
28 46 13 31-1033	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	278.42	14.41
28 46 13 31-1034	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	212.84	14.41
28 46 13 31-1035	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	351.82	14.41
28 46 13 31-1036	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	241.72	14.41
28 46 13 31-1037	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	418.38	14.41
28 46 13 31-1038	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	345.95	14.41
28 46 13 31-1039	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	619.02	14.41
28 46 13 31-1040	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	387.06	14.41
28 46 13 31-1041	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	740.38	14.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1042	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	362.05	28.84
28 46 13 31-1043	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	530.39	28.84
28 46 13 31-1044	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	620.44	28.84
28 46 13 31-1045	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	378.69	28.84
28 46 13 31-1046	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	567.58	28.84
28 46 13 31-1047	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	661.54	28.84
28 46 13 31-1048	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	364.98	28.84
28 46 13 31-1049	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	530.39	28.84
28 46 13 31-1050	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	628.27	28.84
28 46 13 31-1051	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	396.30	28.84
28 46 13 31-1052	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	567.58	28.84
28 46 13 31-1053	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	661.54	28.84
28 46 13 31-1054	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,523.51	144.17
28 46 13 31-1055	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	340.52	28.84
28 46 13 31-1056	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	377.54	86.50
28 46 13 31-1057	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	532.68	115.34
28 46 13 31-1058	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	695.12	115.34
28 46 13 31-1059	EA	Black, Four Tier Backbox Assembly (Notifier SBB-D4)	846.62	144.17
28 46 13 31-1060	EA	Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	217.19	28.84
28 46 13 31-1061	EA	Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	217.19	28.84
28 46 13 31-1062	EA	Red, One Tier Backbox Assembly (Notifier SBB-A4R)	262.22	28.84
28 46 13 31-1063	EA	Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	361.07	28.84
28 46 13 31-1064	EA	Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	524.52	28.84
28 46 13 31-1065	EA	Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	618.48	28.84
28 46 13 31-1066	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	206.37	17.30
28 46 13 31-1067	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	206.37	17.30
28 46 13 31-1068	EA	Black, “AA” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	276.35	17.30
28 46 13 31-1069	EA	Black, “A” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	219.58	17.30
28 46 13 31-1070	EA	Black, “B” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	221.05	17.30
28 46 13 31-1071	EA	Black, “C” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	218.60	17.30
28 46 13 31-1072	EA	Black, “D” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	223.99	17.30
28 46 13 31-1073	EA	2” Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	82.95	17.30
28 46 13 31-1074	EA	Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	55.78	5.76

28 46 13 31-1075 NFS2-3030/640 Cabinet Mechanicals *(28 46 13 31-0973)*

28 46 13 31-1076	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	122.43	17.30
28 46 13 31-1077	EA	Blank Module Dress Plate (Notifier BM-1B)	101.98	17.30
28 46 13 31-1078	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	115.21	17.30
28 46 13 31-1079	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	268.63	14.41
28 46 13 31-1080	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	259.76	43.25
28 46 13 31-1081	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	127.25	17.30

28 46 13 31-1082 NFS-3030/640 Cabinet Mechanicals *(28 46 13 31-0973)*

28 46 13 31-1083	EA	Annunciator Dress Plate (Notifier ADP-4B)	116.42	17.30
28 46 13 31-1084	EA	Blank Module Dress Plate (Notifier BMP-1)	74.31	17.30
28 46 13 31-1085	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	165.35	28.84
28 46 13 31-1086	EA	Module Dress Plate (Notifier MP-1B)	117.62	17.30

28 46 13 31-1087 Battery Cabinets *(28 46 13 31-0973)*

28 46 13 31-1088	EA	Six Position Chassis (Notifier CHS-6)	108.56	28.84
28 46 13 31-1089	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	526.74	86.50

28 46 13 31-1090 Digital Voice *(28 46 13 31-0973)*

28 46 13 31-1091	EA	Chassis Used With BB-XP (Notifier 18439)	53.80	14.41
28 46 13 31-1092	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	1,621.18	43.25
28 46 13 31-1093	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	1,576.37	43.25
28 46 13 31-1094	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	805.72	43.25
28 46 13 31-1095	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	528.07	43.25
28 46 13 31-1096	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	715.74	57.66
28 46 13 31-1097	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	891.36	72.09
28 46 13 31-1098	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	694.60	28.84
28 46 13 31-1099	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	694.60	28.84
28 46 13 31-1100	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	1,468.92	28.84
28 46 13 31-1101	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	108.85	14.41
28 46 13 31-1102	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	181.52	14.41
28 46 13 31-1103	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	182.50	14.41
28 46 13 31-1104	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	176.63	14.41
28 46 13 31-1105	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	178.59	14.41
28 46 13 31-1106	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	360.63	14.41
28 46 13 31-1107	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	276.46	14.41
28 46 13 31-1108	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	113.33	
28 46 13 31-1109	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	421.31	28.84
28 46 13 31-1110	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	424.98	28.84
28 46 13 31-1111	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	107.38	14.41
28 46 13 31-1112	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	144.29	28.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1113	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	440.24	43.25
28 46 13 31-1114	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	215.73	28.84
28 46 13 31-1115	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	215.73	28.84
28 46 13 31-1116	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	273.52	14.41
28 46 13 31-1117	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	270.59	14.41
28 46 13 31-1118	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	1,787.86	28.84
28 46 13 31-1119	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,778.68	28.84
28 46 13 31-1120	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,778.68	28.84
28 46 13 31-1121	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	1,845.62	28.84
28 46 13 31-1122	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	1,935.13	28.84
28 46 13 31-1123	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	1,916.60	28.84
28 46 13 31-1124	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,326.27	28.84
28 46 13 31-1125	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,326.27	28.84
28 46 13 31-1126	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,314.65	28.84
28 46 13 31-1127	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,351.38	28.84
28 46 13 31-1128	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	1,408.68	28.84
28 46 13 31-1129	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	898.10	28.84
28 46 13 31-1130	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	921.61	28.84
28 46 13 31-1131	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	942.91	28.84
28 46 13 31-1132	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	973.77	28.84
28 46 13 31-1133	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	980.38	28.84
28 46 13 31-1134	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,009.03	28.84
28 46 13 31-1135	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,037.68	28.84
28 46 13 31-1136	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,089.11	28.84
28 46 13 31-1137	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	124.02	14.41
28 46 13 31-1138	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	110.40	17.30
28 46 13 31-1139	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	127.25	17.30
28 46 13 31-1140	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	217.49	17.30
28 46 13 31-1141	EA	WPS Power Amplifier (Notifier DPA3204P)	496.98	28.84
28 46 13 31-1142	EA	WPS Power Amplifier (Notifier DPA4001P)	421.31	28.84
28 46 13 31-1143	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	932.63	28.84
28 46 13 31-1144	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	701.21	28.84
28 46 13 31-1145	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	709.29	28.84
28 46 13 31-1146	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,172.12	28.84
28 46 13 31-1147	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	465.39	28.84
28 46 13 31-1148	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	319.96	28.84
28 46 13 31-1149	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	319.96	28.84
28 46 13 31-1150	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	319.96	28.84
28 46 13 31-1151	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	139.14	28.84
28 46 13 31-1152	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	316.35	28.84
28 46 13 31-1153	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,802.30	28.84
28 46 13 31-1154	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	530.44	57.66
28 46 13 31-1155	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	251.33	
28 46 13 31-1156	EA	Portable Fireman's Telephone Handset (Notifier FHS)	151.01	
28 46 13 31-1157	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	174.99	
28 46 13 31-1158	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	439.37	28.84
28 46 13 31-1159	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	439.37	28.84
28 46 13 31-1160	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	72.31	8.65
28 46 13 31-1161	EA	Paging Microphone Only (Notifier MIC-1)	215.28	28.84
28 46 13 31-1162	EA	Firefighter's Telephone Handset (Notifier TELH-1)	172.54	
28 46 13 31-1163	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	525.70	28.84
28 46 13 31-1164	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	525.70	28.84

28 46 13 31-1165 Amplifiers *(28 46 13 31-0973)*

28 46 13 31-1166	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,006.98	28.84
28 46 13 31-1167	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	2,192.14	28.84
28 46 13 31-1168	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	2,129.57	28.84
28 46 13 31-1169	EA	Audio Coupling Transformer (Notifier ACT-1)	157.53	28.84
28 46 13 31-1170	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	184.00	28.84
28 46 13 31-1171	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	184.00	28.84
28 46 13 31-1172	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	184.00	28.84

28 46 13 31-1173 FireVoice-25/50 Emergency Voice Evacuation Control Panels *(28 46 13 31-0973)*

28 46 13 31-1174	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	4,759.69	576.69
28 46 13 31-1175	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,343.76	576.69
28 46 13 31-1176	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,360.73	576.69
28 46 13 31-1177	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	5,690.60	576.69
28 46 13 31-1178	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	6,300.78	576.69

28 46 13 31-1179 System Printer *(28 46 13 31-0973)*

28 46 13 31-1180	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	2,177.70	28.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1181		**Batteries** *(28 46 13 31-0973)*		
28 46 13 31-1182	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	567.58	28.84
28 46 13 31-1183	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	469.15	28.84
28 46 13 31-1184	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	615.94	28.84
28 46 13 31-1185	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	360.87	28.84
28 46 13 31-1186	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	502.84	28.84
28 46 13 31-1187	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	501.64	28.84
28 46 13 31-1188	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	796.18	28.84
28 46 13 31-1189		**Battery Backboxes And Miscellaneous Mechanicals** *(28 46 13 31-0973)*		
28 46 13 31-1190	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	158.21	23.06
28 46 13 31-1191	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	263.42	23.06
28 46 13 31-1192	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26)	420.79	115.34
28 46 13 31-1193	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	205.87	57.66
28 46 13 31-1194	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	113.50	14.41
28 46 13 31-1195	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	314.50	23.06
28 46 13 31-1196	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	210.57	23.06
28 46 13 31-1197	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	233.57	23.06
28 46 13 31-1198	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	248.74	23.06
28 46 13 31-1199		**Power Supplies And Chargers** *(28 46 13 31-0973)*		
28 46 13 31-1200	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,098.85	43.25
28 46 13 31-1201	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,151.74	43.25
28 46 13 31-1202	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,536.39	28.84
28 46 13 31-1203	EA	6A Auxiliary Power Supply (Notifier APS-6R)	954.15	28.84
28 46 13 31-1204	EA	10 Amperes Battery Charger (Notifier BC10A)	1,020.22	43.25
28 46 13 31-1205	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	561.51	34.60
28 46 13 31-1206	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	568.36	34.60
28 46 13 31-1207	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	653.25	34.60
28 46 13 31-1208	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	653.25	34.60
28 46 13 31-1209	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	198.60	28.84
28 46 13 31-1210	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,185.06	28.84
28 46 13 31-1211	EA	Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	89.52	14.41
28 46 13 31-1212	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	139.93	14.41
28 46 13 31-1213	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	786.80	28.84
28 46 13 31-1214	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	681.38	86.50
28 46 13 31-1215	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	654.20	86.50
28 46 13 31-1216	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	748.97	86.50
28 46 13 31-1217	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	743.09	86.50
28 46 13 31-1218	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	700.67	43.25
28 46 13 31-1219	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	700.67	43.25
28 46 13 31-1220	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	863.03	43.25
28 46 13 31-1221	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	825.56	43.25
28 46 13 31-1222	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	875.51	86.50
28 46 13 31-1223	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	875.51	86.50
28 46 13 31-1224	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	640.97	86.50
28 46 13 31-1225	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	640.97	86.50
28 46 13 31-1226	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	687.99	86.50
28 46 13 31-1227	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	687.99	86.50
28 46 13 31-1228	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	562.36	86.50
28 46 13 31-1229	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	654.20	86.50
28 46 13 31-1230	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	138.30	14.41
28 46 13 31-1231	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,387.54	28.84
28 46 13 31-1232	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	196.64	28.84
28 46 13 31-1233		**Network Control Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1234	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	2,158.28	86.50
28 46 13 31-1235	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	83.93	17.30
28 46 13 31-1236	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	61.07	17.30
28 46 13 31-1237		**FIRSTVISION Firefighter's Display** *(28 46 13 31-0973)*		
28 46 13 31-1238	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	16,745.16	576.69
28 46 13 31-1239		**FlashScan Addressable Modules** *(28 46 13 31-0973)*		
28 46 13 31-1240	EA	Intelligent Addressable Control Module (Notifier FCM-1)	188.81	28.84
28 46 13 31-1241	EA	Addressable Dual Monitor Module (Notifier FDM-1)	210.47	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1242	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	157.53	28.84
28 46 13 31-1243	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	140.68	28.84
28 46 13 31-1244	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	286.27	28.84
28 46 13 31-1245	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	166.54	28.84
28 46 13 31-1246	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	236.94	28.84
28 46 13 31-1247	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	155.12	28.84
28 46 13 31-1248		**Addressable Device Bases And Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1249	EA	Intelligent Detector Base With Flange (Notifier B710LP)	58.57	14.41
28 46 13 31-1250	EA	Weatherproof Device Housing (Notifier DH400OE-1)	479.98	28.84
28 46 13 31-1251		**XP6/XP10 Transponder** *(28 46 13 31-0973)*		
28 46 13 31-1252	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	140.08	28.84
28 46 13 31-1253	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	688.14	28.84
28 46 13 31-1254	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	832.52	28.84
28 46 13 31-1255	EA	Six Relay Control Module (Notifier XP6-R)	661.67	28.84
28 46 13 31-1256	EA	Ten Input Monitor Module (Notifier XP10-M)	796.42	28.84
28 46 13 31-1257		**LCD Display Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1258	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	888.90	86.50
28 46 13 31-1259	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,243.85	86.50
28 46 13 31-1260	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,287.16	86.50
28 46 13 31-1261	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	805.42	28.84
28 46 13 31-1262	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	428.60	28.84
28 46 13 31-1263	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,042.27	28.84
28 46 13 31-1264		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1265	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	462.86	28.84
28 46 13 31-1266	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	910.73	28.84
28 46 13 31-1267	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	697.76	28.84
28 46 13 31-1268	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	910.73	28.84
28 46 13 31-1269	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	697.76	28.84
28 46 13 31-1270	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	697.76	28.84
28 46 13 31-1271	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	625.57	28.84
28 46 13 31-1272	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	697.76	28.84
28 46 13 31-1273	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	625.57	28.84
28 46 13 31-1274		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-0973)*		
28 46 13 31-1275	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	291.01	57.66
28 46 13 31-1276	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	316.27	57.66
28 46 13 31-1277	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	364.36	72.09
28 46 13 31-1278	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	396.84	72.09
28 46 13 31-1279	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	637.40	100.92
28 46 13 31-1280	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	113.41	17.30
28 46 13 31-1281	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	188.13	57.66
28 46 13 31-1282	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	192.25	14.41
28 46 13 31-1283	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	234.46	57.66
28 46 13 31-1284	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	413.69	72.09
28 46 13 31-1285	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	364.66	14.41
28 46 13 31-1286	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	669.88	100.92
28 46 13 31-1287	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	617.79	17.30
28 46 13 31-1288	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	230.54	23.06
28 46 13 31-1289	EA	Annunciator Key Switch (Notifier AKS-1B)	100.74	8.65
28 46 13 31-1290	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	108.80	28.84
28 46 13 31-1291	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	625.57	28.84
28 46 13 31-1292	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	175.48	5.76
28 46 13 31-1293	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	219.52	5.76
28 46 13 31-1294	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	516.08	28.84
28 46 13 31-1295	EA	Lamp Driver Module (Notifier LDM-R32)	855.33	28.84
28 46 13 31-1296	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	793.67	28.84
28 46 13 31-1297	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	225.39	5.76
28 46 13 31-1298	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	204.41	17.30
28 46 13 31-1299	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	138.04	17.30
28 46 13 31-1300	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	138.04	17.30
28 46 13 31-1301		**Network Gateways** *(28 46 13 31-0973)*		
28 46 13 31-1302	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	2,335.08	28.84
28 46 13 31-1303	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	1,741.48	28.84
28 46 13 31-1304	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	1,960.40	28.84
28 46 13 31-1305	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,158.76	28.84
28 46 13 31-1306	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	1,756.91	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1307	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	1,709.89	28.84
28 46 13 31-1308	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	1,923.67	28.84
28 46 13 31-1309	EA	Modbus Gateway (Notifier MODBUS-GW)	1,916.32	28.84
28 46 13 31-1310	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,221.31	19.03
28 46 13 31-1311	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	3,293.90	19.03
28 46 13 31-1312	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	10,397.96	19.03
28 46 13 31-1313	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	746.15	43.25
28 46 13 31-1314	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,383.31	43.25
28 46 13 31-1315	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	2,027.96	43.25
28 46 13 31-1316	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	869.83	
28 46 13 31-1317	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	2,632.51	28.84
28 46 13 31-1318	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	2,632.51	28.84
28 46 13 31-1319	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	2,650.97	28.84
28 46 13 31-1320	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	3,084.42	28.84
28 46 13 31-1321	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	2,650.97	28.84
28 46 13 31-1322	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	2,632.51	28.84
28 46 13 31-1323	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,574.16	
28 46 13 31-1324	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	20,267.47	692.03
28 46 13 31-1325	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,227.48	
28 46 13 31-1326	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,227.48	
28 46 13 31-1327	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	821.70	28.84
28 46 13 31-1328	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	672.56	28.84
28 46 13 31-1329	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	796.72	28.84
28 46 13 31-1330	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	887.08	28.84
28 46 13 31-1331	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	1,828.17	28.84
28 46 13 31-1332	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,696.25	28.84
28 46 13 31-1333	EA	Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3)	2,998.40	
28 46 13 31-1334		**NOTI-FIRE-NET Network Components** *(28 46 13 31-0973)*		
28 46 13 31-1335	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	2,632.51	28.84
28 46 13 31-1336	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,173.03	28.84
28 46 13 31-1337	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	2,632.51	28.84
28 46 13 31-1338	EA	Wired Network Communications Module (Notifier NCM-W)	1,117.68	28.84
28 46 13 31-1339	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	125.84	14.41
28 46 13 31-1340		**FireWarden Addressable Fire Panels** *(28 46 13 31-0973)*		
28 46 13 31-1341	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,302.44	576.69
28 46 13 31-1342	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	2,729.57	576.69
28 46 13 31-1343	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,406.69	288.34
28 46 13 31-1344	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,406.69	288.34
28 46 13 31-1345	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,397.88	288.34
28 46 13 31-1346		**FireWarden Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1347	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	201.99	43.25
28 46 13 31-1348	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	192.20	43.25
28 46 13 31-1349		**FireWarden Devices** *(28 46 13 31-0973)*		
28 46 13 31-1350	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	153.92	28.84
28 46 13 31-1351	EA	Intelligent Addressable Control Module (Notifier NC-100)	182.79	28.84
28 46 13 31-1352	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	175.57	28.84
28 46 13 31-1353	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	444.78	43.25
28 46 13 31-1354	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	538.66	43.25
28 46 13 31-1355	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	175.57	28.84
28 46 13 31-1356	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	180.35	43.25
28 46 13 31-1357	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	180.35	43.25
28 46 13 31-1358	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	180.35	43.25
28 46 13 31-1359	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	242.92	43.25
28 46 13 31-1360	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	151.51	28.84
28 46 13 31-1361	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	137.67	28.84
28 46 13 31-1362	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	205.05	28.84
28 46 13 31-1363	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	188.77	43.25
28 46 13 31-1364	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	229.72	28.84
28 46 13 31-1365	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	813.27	28.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1366		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1367	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,524.30	461.35
28 46 13 31-1368	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,679.51	461.35
28 46 13 31-1369	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,027.77	144.17
28 46 13 31-1370	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,144.57	144.17
28 46 13 31-1371	EA	Class A Converter Module (Notifier CAC-4)	383.58	28.84
28 46 13 31-1372	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	140.55	17.30
28 46 13 31-1373	EA	Remote Zone Annunciator (Notifier RZA-4X)	206.88	43.25
28 46 13 31-1374		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1375	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,350.56	576.69
28 46 13 31-1376	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,008.85	432.51
28 46 13 31-1377	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,645.08	288.34
28 46 13 31-1378	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,645.08	288.34
28 46 13 31-1379	EA	Class A Converter Module (Notifier N-CAC-5X)	397.28	28.84
28 46 13 31-1380	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	152.05	17.30
28 46 13 31-1381		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1382	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	4,877.89	576.69
28 46 13 31-1383	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	3,647.55	432.51
28 46 13 31-1384	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	2,687.46	576.69
28 46 13 31-1385	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,224.24	576.69
28 46 13 31-1386	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	687.97	86.50
28 46 13 31-1387		**Smoke Detectors** *(28 46 13 31-0973)*		
28 46 13 31-1388	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	259.76	43.25
28 46 13 31-1389	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	435.43	43.25
28 46 13 31-1390	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,338.15	43.25
28 46 13 31-1391	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	181.44	43.25
28 46 13 31-1392	EA	Filters For Harsh Detector (Notifier RF-FTX)	22.14	
28 46 13 31-1393	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	157.22	28.84
28 46 13 31-1394	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	1,295.73	43.25
28 46 13 31-1395		**Pull Stations** *(28 46 13 31-0973)*		
28 46 13 31-1396	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	31.90	5.76
28 46 13 31-1397	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2)	82.81	14.41
28 46 13 31-1398	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	69.56	14.41
28 46 13 31-1399	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	109.38	28.84
28 46 13 31-1400	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	120.63	28.84
28 46 13 31-1401	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	164.85	28.84
28 46 13 31-1402	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	109.38	28.84
28 46 13 31-1403	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	125.87	28.84
28 46 13 31-1404	EA	Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	125.87	28.84
28 46 13 31-1405	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	125.87	28.84
28 46 13 31-1406	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	119.13	28.84
28 46 13 31-1407	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	128.87	28.84
28 46 13 31-1408	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	668.67	34.60
28 46 13 31-1409	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	93.97	28.84
28 46 13 31-1410	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	98.18	28.84
28 46 13 31-1411	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	107.29	28.84
28 46 13 31-1412	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	243.66	34.60
28 46 13 31-1413	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	144.52	28.84
28 46 13 31-1414	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	122.26	28.84
28 46 13 31-1415	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	206.26	28.84
28 46 13 31-1416	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	61.01	5.76
28 46 13 31-1417		**Rate Compensation Heat Detectors** *(28 46 13 31-0973)*		
28 46 13 31-1418	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	192.38	43.25
28 46 13 31-1419	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	192.38	43.25
28 46 13 31-1420		**FM Series Door Releases** *(28 46 13 31-0973)*		
28 46 13 31-1421	EA	1/2" Door Holder Spacer (Notifier FM900-50)	31.74	8.65
28 46 13 31-1422	EA	3/4" Door Holder Spacer (Notifier FM900-75)	31.74	8.65
28 46 13 31-1423	EA	1" Door Holder Spacer (Notifier FM900-100)	31.74	8.65
28 46 13 31-1424	EA	Door Holder Extension Kit (Notifier FM900)	33.54	8.65

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1425	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	34.14	8.65
28 46 13 31-1426	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	232.09	43.25
28 46 13 31-1427	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	202.01	43.25
28 46 13 31-1428	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	202.01	43.25
28 46 13 31-1429		**Multicriteria Fire Detector** *(28 46 13 31-0973)*		
28 46 13 31-1430	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	306.72	43.25
28 46 13 31-1431	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	305.74	43.25
28 46 13 31-1432		**Modules** *(28 46 13 31-0973)*		
28 46 13 31-1433	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	362.05	28.84
28 46 13 31-1434	EA	Addressable Firephone Control Module (Notifier FTM-1)	226.00	28.84
28 46 13 31-1435		**DH Series Door Releases** *(28 46 13 31-0973)*		
28 46 13 31-1436	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	191.96	43.25
28 46 13 31-1437	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	203.95	43.25
28 46 13 31-1438	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	215.20	43.25
28 46 13 31-1439	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	212.27	43.25
28 46 13 31-1440	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	222.06	43.25
28 46 13 31-1441	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	230.37	43.25
28 46 13 31-1442	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	191.96	43.25
28 46 13 31-1443	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	202.48	43.25
28 46 13 31-1444	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	215.20	43.25
28 46 13 31-1445	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	242.12	43.25
28 46 13 31-1446	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	257.78	43.25
28 46 13 31-1447	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	275.89	43.25
28 46 13 31-1448	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	280.29	43.25
28 46 13 31-1449	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	298.89	43.25
28 46 13 31-1450	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	321.40	43.25
28 46 13 31-1451	EA	.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	22.26	5.76
28 46 13 31-1452	EA	.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	22.26	5.76
28 46 13 31-1453	EA	.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	24.26	5.76
28 46 13 31-1454	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	22.26	5.76
28 46 13 31-1455	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	22.26	5.76
28 46 13 31-1456	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	24.26	5.76
28 46 13 31-1457	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	23.28	5.76
28 46 13 31-1458	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	23.28	5.76
28 46 13 31-1459	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	24.26	5.76
28 46 13 31-1460	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	25.39	5.76
28 46 13 31-1461	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	25.39	5.76
28 46 13 31-1462	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	25.39	5.76
28 46 13 31-1463	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	26.42	5.76
28 46 13 31-1464	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	26.42	5.76
28 46 13 31-1465	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	26.42	5.76
28 46 13 31-1466	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	27.54	5.76
28 46 13 31-1467	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	27.54	5.76
28 46 13 31-1468	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	28.57	5.76
28 46 13 31-1469	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	28.57	5.76
28 46 13 31-1470	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	29.70	5.76
28 46 13 31-1471	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	32.88	5.76
28 46 13 31-1472	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	31.80	5.76
28 46 13 31-1473	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	30.72	5.76
28 46 13 31-1474	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	32.88	5.76
28 46 13 31-1475	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	31.15	8.65
28 46 13 31-1476	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	32.18	8.65
28 46 13 31-1477	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	35.46	8.65
28 46 13 31-1478	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	56.74	8.65
28 46 13 31-1479	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	59.88	8.65
28 46 13 31-1480	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	63.01	8.65
28 46 13 31-1481	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	53.31	14.41
28 46 13 31-1482	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	55.46	14.41
28 46 13 31-1483	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	59.77	14.41
28 46 13 31-1484	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	302.43	
28 46 13 31-1485		**First Command** *(28 46 13 31-0973)*		
28 46 13 31-1486	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	5,285.75	720.86
28 46 13 31-1487	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	5,329.82	720.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1488	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,302.53	57.66
28 46 13 31-1489	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,335.59	57.66
28 46 13 31-1490	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	2,331.78	57.66
28 46 13 31-1491	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	2,405.24	57.66
28 46 13 31-1492	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	844.74	28.84
28 46 13 31-1493	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	844.74	28.84
28 46 13 31-1494	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	453.07	28.84
28 46 13 31-1495	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	490.37	28.84
28 46 13 31-1496	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	1,740.39	57.66
28 46 13 31-1497	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	1,705.12	57.66
28 46 13 31-1498	EA	Black, Remote Microphone (Notifier NFC-RM)	481.72	
28 46 13 31-1499	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	1,451.67	57.66
28 46 13 31-1500	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	344.43	28.84
28 46 13 31-1501	EA	Firefighters Phone Jack (Notifier N-FPJ)	156.77	8.65
28 46 13 31-1502	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	44.31	8.65
28 46 13 31-1503	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	141.53	17.30

28 46 13 31-1504 LED Displays *(28 46 13 31-0973)*

28 46 13 31-1505	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,326.92	34.60
28 46 13 31-1506	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	1,863.51	46.14
28 46 13 31-1507	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	1,884.82	46.14
28 46 13 31-1508	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	1,811.35	46.14
28 46 13 31-1509	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	2,523.96	46.14
28 46 13 31-1510	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	1,921.55	46.14

28 46 13 31-1511 Control Relays *(28 46 13 31-0973)*

28 46 13 31-1512	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	70.63	14.41
28 46 13 31-1513	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	54.09	14.41
28 46 13 31-1514	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	192.24	28.84
28 46 13 31-1515	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	107.38	14.41
28 46 13 31-1516	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	127.69	14.41
28 46 13 31-1517	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	197.62	28.84
28 46 13 31-1518	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	197.62	28.84
28 46 13 31-1519	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	102.68	28.84
28 46 13 31-1520	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	58.40	14.41
28 46 13 31-1521	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	209.85	28.84
28 46 13 31-1522	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	75.47	28.84
28 46 13 31-1523	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	75.47	28.84
28 46 13 31-1524	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	75.47	28.84

28 46 13 31-1525 Gamewell-FCI Fire Control Instruments *(28 46 13 31-0973)*

28 46 13 31-1526 7100 Series And NetSOLO® *(28 46 13 31-1525)*

28 46 13 31-1527 7100 Compact Analog Addressable Fire Alarm Control Panels *(28 46 13 31-1526)*

28 46 13 31-1528	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,063.18	346.01
28 46 13 31-1529	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	4,582.33	576.69
28 46 13 31-1530	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,014.32	576.69
28 46 13 31-1531	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	4,582.33	576.69
28 46 13 31-1532	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,014.32	576.69
28 46 13 31-1533	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,446.30	
28 46 13 31-1534	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,735.31	
28 46 13 31-1535	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,735.31	57.66

28 46 13 31-1536 NetSOLO® Intelligent Network *(28 46 13 31-1526)*

28 46 13 31-1537	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,925.45	57.66
28 46 13 31-1538	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,528.44	57.66

28 46 13 31-1539 Components And Accessories *(28 46 13 31-1526)*

28 46 13 31-1540	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	947.44	43.25
28 46 13 31-1541	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	717.70	57.66
28 46 13 31-1542	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,321.57	57.66
28 46 13 31-1543	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	529.08	57.66
28 46 13 31-1544	EA	Enclosure Box (Gamewell-FCI EN-7100)	423.86	115.34
28 46 13 31-1545	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,384.06	28.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1546		E3 Series® Basic System *(28 46 13 31-1525)*		
28 46 13 31-1547	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,265.68	57.66
28 46 13 31-1548	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,086.77	57.66
28 46 13 31-1549	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,265.68	57.66
28 46 13 31-1550	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,086.77	57.66
28 46 13 31-1551	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	806.16	57.66
28 46 13 31-1552	EA	Power Supply Module (Gamewell-FCI PM-9)	1,058.25	57.66
28 46 13 31-1553	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	889.42	57.66
28 46 13 31-1554	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	882.68	28.84
28 46 13 31-1555	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	503.00	57.66
28 46 13 31-1556	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,357.85	57.66
28 46 13 31-1557	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,136.67	57.66
28 46 13 31-1558	EA	Local Operating Console (Gamewell-FCI 1100-0455)	758.77	43.25
28 46 13 31-1559	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,456.00	43.25
28 46 13 31-1560	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	970.43	57.66
28 46 13 31-1561	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	2,969.97	57.66
28 46 13 31-1562	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	675.50	115.34
28 46 13 31-1563	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	494.12	115.34
28 46 13 31-1564	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	108.04	28.84
28 46 13 31-1565	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	678.19	57.66
28 46 13 31-1566	EA	LED Driver module (Gamewell-FCI ANU-48)	678.19	57.66
28 46 13 31-1567	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,057.10	43.25
28 46 13 31-1568		Addressable Devices, Module, Pulls And Accessories *(28 46 13 31-1525)*		
28 46 13 31-1569		Velociti® Series Sensors And Bases *(28 46 13 31-1568)*		
28 46 13 31-1570	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	211.23	43.25
28 46 13 31-1571	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	215.79	43.25
28 46 13 31-1572	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	229.48	43.25
28 46 13 31-1573	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	174.72	43.25
28 46 13 31-1574	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	182.33	43.25
28 46 13 31-1575	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	174.72	43.25
28 46 13 31-1576	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	261.43	43.25
28 46 13 31-1577	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	580.86	43.25
28 46 13 31-1578	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	486.42	72.09
28 46 13 31-1579	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	547.26	72.09
28 46 13 31-1580	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	261.29	
28 46 13 31-1581	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	53.18	14.41
28 46 13 31-1582	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	626.49	43.25
28 46 13 31-1583	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	123.91	14.41
28 46 13 31-1584	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,226.48	86.50
28 46 13 31-1585		Velociti® Series Modules And Pull Station *(28 46 13 31-1568)*		
28 46 13 31-1586	EA	Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F)	154.25	28.84
28 46 13 31-1587	EA	Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF)	250.84	28.84
28 46 13 31-1588	EA	Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F)	169.46	28.84
28 46 13 31-1589	EA	Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF)	240.19	28.84
28 46 13 31-1590	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	199.88	28.84
28 46 13 31-1591	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	207.49	28.84
28 46 13 31-1592	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	287.98	57.66
28 46 13 31-1593	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	214.33	28.84
28 46 13 31-1594	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	34.36	5.76
28 46 13 31-1595		Components And Accessories *(28 46 13 31-1568)*		
28 46 13 31-1596	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	84.17	23.06
28 46 13 31-1597	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	42.07	11.54
28 46 13 31-1598	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	45.12	11.54
28 46 13 31-1599	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	53.94	14.41
28 46 13 31-1600	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	87.84	17.30
28 46 13 31-1601	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	131.32	23.06
28 46 13 31-1602		Fixed And Rate of Rise Heat Detectors *(28 46 13 31-1568)*		
28 46 13 31-1603	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	112.36	43.25
28 46 13 31-1604	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	112.36	43.25
28 46 13 31-1605	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	109.70	43.25
28 46 13 31-1606	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	109.70	43.25
28 46 13 31-1607		NAC Expander/Power Supply *(28 46 13 31-1568)*		
28 46 13 31-1608	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,017.89	461.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1609	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,728.88	461.35
28 46 13 31-1610	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,873.39	461.35
28 46 13 31-1611		**Batteries And Accessories** *(28 46 13 31-1525)*		
28 46 13 31-1612	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	319.29	28.84
28 46 13 31-1613	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	815.17	28.84
28 46 13 31-1614	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	167.18	28.84
28 46 13 31-1615	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	390.66	57.66
28 46 13 31-1616	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	390.66	57.66
28 46 13 31-1617	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	346.55	57.66
28 46 13 31-1618		**Electronic Door Holders** *(28 46 13 31-1525)*		
		Note: Rixson products.		
28 46 13 31-1619	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	56.26	5.76
28 46 13 31-1620	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	451.56	43.25
28 46 13 31-1621	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	617.36	43.25
28 46 13 31-1622	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	286.37	43.25
28 46 13 31-1623	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	272.68	43.25
28 46 13 31-1624	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	286.37	43.25
28 46 13 31-1625	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	285.76	43.25
28 46 13 31-1626		**SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes** *(28 46 13 31-1525)*		
		See CSI section 28 46 13 31-1836 for devices.		
28 46 13 31-1627		**SpectrAlert® Advance Accessories** *(28 46 13 31-1525)*		
		See CSI section 28 46 13 31-1836 for backboxes, 28 46 13 31-2096 for backboxes.		
28 46 13 31-1628		**Fire Alarm Programming** *(28 46 13 31-1525)*		
		Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1629	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 13 31-1630	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 13 31-1631	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 46 13 31-1632		**Fire-Lite Fire Alarm** *(28 46 13 31-0972)*		
28 46 13 31-1633		**Addressable Control Panels** *(28 46 13 31-1632)*		
28 46 13 31-1634	EA	25 Point Intelligent Control (Fire Lite MS-25)	2,028.95	576.69
28 46 13 31-1635	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,241.98	576.69
28 46 13 31-1636	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,147.01	576.69
28 46 13 31-1637	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	4,657.90	576.69
28 46 13 31-1638	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,454.65	576.69
28 46 13 31-1639	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	624.71	
28 46 13 31-1640		**Silent Knight Fire Alarm** *(28 46 13 31-0972)*		
28 46 13 31-1641	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,342.65	288.34
28 46 13 31-1642	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,199.92	173.00
28 46 13 31-1643	EA	50 Watt Amplifier (Silent Knight EVS-50W)	1,544.59	115.34
28 46 13 31-1644	EA	125 Watt Amplifier (Silent Knight EVS-125W)	2,779.80	115.34
28 46 13 31-1645	EA	Voice Evacuation System (Silent Knight SKE-450)	2,657.38	115.34
28 46 13 31-1646	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	2,198.27	115.34
28 46 13 31-1647	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	2,232.70	173.00
28 46 13 31-1648	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,664.82	115.34
28 46 13 31-1649	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	1,263.78	115.34
28 46 13 31-1650	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	1,084.59	115.34
28 46 13 31-1651	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	343.95	43.25
28 46 13 31-1652	EA	Photoelectric Detector (Silent Knight SK-PHOTO)	190.14	43.25
28 46 13 31-1653	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	200.84	43.25
28 46 13 31-1654	EA	Ionization Smoke Detector (Silent Knight SK-ION)	202.05	43.25
28 46 13 31-1655	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT)	174.38	43.25
28 46 13 31-1656	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT)	184.15	43.25
28 46 13 31-1657	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	187.76	43.25
28 46 13 31-1658	EA	Sounder Base (Silent Knight B200SR)	116.96	14.41
28 46 13 31-1659	EA	Intelligent Sounder Base (Silent Knight B200S)	124.12	14.41
28 46 13 31-1660	EA	Isolator Base (Silent Knight B224BI)	96.74	14.41
28 46 13 31-1661	EA	Relay Base (Silent Knight B224RB)	97.91	14.41
28 46 13 31-1662	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	205.78	43.25
28 46 13 31-1663	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT)	339.47	43.25
28 46 13 31-1664	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM)	1,232.07	43.25
28 46 13 31-1665	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	1,409.14	43.25
28 46 13 31-1666	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	247.08	43.25
28 46 13 31-1667	EA	Supervised Control Module (Silent Knight SK-CONTROL)	203.48	43.25
28 46 13 31-1668	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	712.63	57.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1669	EA	Relay Control Module (Silent Knight SK-RELAY)	176.94	28.84
28 46 13 31-1670	EA	Six Relay Control Module (Silent Knight SK-RELAY-6)	688.29	57.66
28 46 13 31-1671	EA	Zone Interface Module (Silent Knight SK-ZONE)	208.07	43.25
28 46 13 31-1672	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	827.66	57.66
28 46 13 31-1673	EA	Monitor Module (Silent Knight SK-MONITOR)	177.02	43.25
28 46 13 31-1674	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	801.13	57.66
28 46 13 31-1675	EA	Monitor Module (Silent Knight SK-MINIMON)	163.94	43.25
28 46 13 31-1676	EA	Fault Isolator Module (Silent Knight SK-ISO)	184.15	43.25
28 46 13 31-1677	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	180.60	43.25
28 46 13 31-1678	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	197.48	43.25
28 46 13 31-1679	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	184.15	43.25
28 46 13 31-1680	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	144.39	14.41
28 46 13 31-1681	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	136.03	14.41
28 46 13 31-1682	EA	6" Isolator Base (Silent Knight SD505-6IB)	122.94	14.41
28 46 13 31-1683	EA	Addressable Input Module (Silent Knight SD500-AIM)	182.98	43.25
28 46 13 31-1684	EA	Addressable Notification Module (Silent Knight SD500-ANM)	228.72	43.25
28 46 13 31-1685	EA	Addressable Relay Module (Silent Knight SD500-ARM)	203.48	43.25
28 46 13 31-1686	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	816.75	86.50
28 46 13 31-1687	EA	Loop Isolation Module (Silent Knight SD500-LIM)	191.31	43.25
28 46 13 31-1688	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	151.76	28.84
28 46 13 31-1689	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	197.59	28.84
28 46 13 31-1690	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	188.41	28.84
28 46 13 31-1691	EA	Back Box (Silent Knight SK-PSSMBB)	84.55	23.06
28 46 13 31-1692	EA	Smoke Detector Module (Silent Knight SD500-SDM)	214.95	43.25
28 46 13 31-1693	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	50.62	14.41
28 46 13 31-1694	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	50.62	14.41
28 46 13 31-1695	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	355.15	43.25
28 46 13 31-1696	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	464.85	43.25
28 46 13 31-1697	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	188.93	43.25
28 46 13 31-1698	EA	Intelligent Power Module (Silent Knight 5895XL)	1,179.71	115.34
28 46 13 31-1699	EA	Addressable Power Supply (Silent Knight 5496)	821.18	86.50
28 46 13 31-1700	EA	Relay Interface Board (Silent Knight 5883)	315.11	28.84
28 46 13 31-1701	EA	Remote LED Annunciator (Silent Knight 5865-3)	648.47	57.66
28 46 13 31-1702	EA	Remote LED Annunciator (Silent Knight 5865-4)	736.55	57.66
28 46 13 31-1703	EA	Remote LCD Annunciator (Silent Knight SK-5860)	690.65	86.50
28 46 13 31-1704	EA	Serial/Parallel Printer Interface (Silent Knight 5824)	453.92	28.84
28 46 13 31-1705	EA	LED Input/Output Module (Silent Knight / intelliKnight 5380)	531.14	43.25
28 46 13 31-1706	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	188.41	28.84
28 46 13 31-1707	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	659.67	86.50
28 46 13 31-1708	EA	Communicator (Silent Knight IPGSM-4G)	991.53	57.66
28 46 13 31-1709	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,562.08	115.34
28 46 13 31-1710	EA	10 Zone Expander (Silent Knight SK-5217)	438.26	28.84
28 46 13 31-1711	EA	Remote Annunciator (Silent Knight SK-5235)	433.24	57.66
28 46 13 31-1712	EA	Status Display Module (Silent Knight 5280)	123.18	28.84
28 46 13 31-1713	EA	Serial/Parallel Module (Silent Knight 5824)	511.60	57.66
28 46 13 31-1714	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	878.86	115.34
28 46 13 31-1715	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	896.55	115.34
28 46 13 31-1716	EA	Dress Panel (Silent Knight SK-DP2/4)	164.85	28.84
28 46 13 31-1717	EA	Class A Convertor (Silent Knight SK-CAC4)	435.75	43.25
28 46 13 31-1718	EA	Transmitter Module (Silent Knight SK-4XTM	226.43	43.25
28 46 13 31-1719	EA	LED Interface Module (Silent Knight SK-4XLM	208.07	43.25
28 46 13 31-1720	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	215.93	28.84
28 46 13 31-1721	EA	Remote Annunciator (Silent Knight SK-RZA4)	208.07	43.25
28 46 13 31-1722	EA	Zone Relay Module (Silent Knight SK-4XZM)	224.13	43.25
28 46 13 31-1723	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	757.17	115.34
28 46 13 31-1724	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	188.41	28.84
28 46 13 31-1725	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	102.07	28.84
28 46 13 31-1726	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	110.94	28.84
28 46 13 31-1727	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	108.45	28.84
28 46 13 31-1728	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	96.29	28.84
28 46 13 31-1729	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	220.60	34.60
28 46 13 31-1730	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	770.29	86.50
28 46 13 31-1731	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	867.63	86.50
28 46 13 31-1732	EA	Detector (Silent Knight IDP-PhotoR)	272.17	43.25
28 46 13 31-1733	EA	Monitoring Module (Silent Knight IDP)	272.33	43.25
28 46 13 31-1734	EA	Cabinet (Silent Knight SK-5207)	368.44	86.50
28 46 13 31-1735	EA	Innovair IDP-Product (Silent Knight Innovair IDP-Pduct)	546.26	28.84
28 46 13 31-1736	EA	I/O Input-Output Module (Silent Knight SK-2880)	741.70	28.84
28 46 13 31-1737	EA	Remote Annunciator (Silent Knight RA-2000)	2,127.40	86.50
28 46 13 31-1738	EA	Power Supply (Silent Knight 5195/96)	1,328.02	28.84
28 46 13 31-1739	EA	8 Zone Expander (Silent Knight SK-5210)	1,034.86	28.84
28 46 13 31-1740	EA	LCD Remote Annunciator (Silent Knight SK-5230)	410.85	57.66
28 46 13 31-1741	EA	Ionization Smoke Detector (Silent Knight SK-ION)	202.05	43.25
28 46 13 31-1742	EA	Addressable Relay Module (Silent Knight IDP-Relay)	233.08	43.25
28 46 13 31-1743	EA	Telephone Line Monitor (Silent Knight SK-7150)	145.61	28.84
28 46 13 31-1744	EA	Serial Driver Board (Silent Knight SK-2884)	274.60	28.84
28 46 13 31-1745	EA	Smoke Detector Base (Silent Knight IDP-6AB)	77.70	14.41
28 46 13 31-1746	EA	Mini Input Module (Silent Knight IDP-MINIMON)	204.24	28.84
28 46 13 31-1747	EA	Status Display Module (Silent Knight SK-4180)	761.24	28.84
28 46 13 31-1748	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	448.54	28.84
28 46 13 31-1749	EA	Serial Parallel Module (Silent Knight SK-4824)	409.45	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1750	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,523.46	28.84
28 46 13 31-1751	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	2,575.96	115.34
28 46 13 31-1752	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	281.94	43.25
28 46 13 31-1753	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	233.08	43.25
28 46 13 31-1754	EA	Fire Slave Communicator Dialer (Silent Knight SK-5128)	483.84	28.84
28 46 13 31-1755	EA	Intelligent Power Module (with cabinet) (Silent Knight SK-5496)	821.18	86.50
28 46 13 31-1756		**Alerton** *(28 46 13 31)*		
28 46 13 31-1757	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	528.20	8.65
28 46 13 31-1758		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1759	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	178.04	28.84
28 46 13 31-1760	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,225.34	49.01
28 46 13 31-1761	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	5,574.62	49.01
28 46 13 31-1762	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,029.82	57.66
28 46 13 31-1763	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,041.81	57.66
28 46 13 31-1764	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,041.81	57.66
28 46 13 31-1765	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,511.10	57.66
28 46 13 31-1766	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,511.10	57.66
28 46 13 31-1767	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,511.10	57.66
28 46 13 31-1768	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,041.81	57.66
28 46 13 31-1769	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,041.81	57.66
28 46 13 31-1770	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,041.81	57.66
28 46 13 31-1771	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,041.81	57.66
28 46 13 31-1772	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,041.81	57.66
28 46 13 31-1773	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,352.15	57.66
28 46 13 31-1774	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,184.24	57.66
28 46 13 31-1775	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,184.24	57.66
28 46 13 31-1776	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,184.24	57.66
28 46 13 31-1777		**Light Engineered Displays Message Boards** *(28 46 13 31)*		
28 46 13 31-1778	EA	Two Message Sign, “Announcement” And “Evacuate” (LED SP-2/MNS)	874.01	34.60
28 46 13 31-1779	EA	Four Message Sign, “Fire”, “Weather”, “Announcement”, “E Voltuate” (LED SP-4)	770.42	34.60
28 46 13 31-1780		**STI Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1781	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	136.69	17.30
28 46 13 31-1782	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	148.60	17.30
28 46 13 31-1783	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	90.34	17.30
28 46 13 31-1784	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	91.06	17.30
28 46 13 31-1785	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	81.68	17.30
28 46 13 31-1786	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	91.06	17.30
28 46 13 31-1787	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	74.64	17.30
28 46 13 31-1788	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	166.63	17.30
28 46 13 31-1789	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	113.24	17.30
28 46 13 31-1790	EA	Backplate For Polycarbonate Cover (STI-1280)	57.40	17.30
28 46 13 31-1791	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	43.26	17.30
28 46 13 31-1792	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	58.19	17.30
28 46 13 31-1793	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	125.87	17.30
28 46 13 31-1794	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	105.31	17.30
28 46 13 31-1795	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	79.33	17.30
28 46 13 31-1796	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	75.36	17.30
28 46 13 31-1797	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	73.02	17.30
28 46 13 31-1798	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	75.36	17.30
28 46 13 31-1799	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	73.02	17.30
28 46 13 31-1800	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	75.36	17.30
28 46 13 31-1801	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	73.02	17.30
28 46 13 31-1802	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	137.41	17.30
28 46 13 31-1803	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	68.29	17.30
28 46 13 31-1804	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	99.07	17.30

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1805	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	100.62	17.30
28 46 13 31-1806	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	100.62	17.30
28 46 13 31-1807	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	74.64	17.30
28 46 13 31-1808	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	74.64	17.30
28 46 13 31-1809	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	68.29	17.30
28 46 13 31-1810	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	74.64	17.30
28 46 13 31-1811	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	74.64	17.30
28 46 13 31-1812	EA	Yellow, “High Threat”, Push Button Station (STI SS-2201)	120.37	8.65
28 46 13 31-1813	EA	Gasket Kit For STI Covers (STI SUB-121)	49.90	
28 46 13 31-1814	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	176.01	17.30
28 46 13 31-1815	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	99.17	17.30
28 46 13 31-1816	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	99.17	17.30
28 46 13 31-1817	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	176.01	17.30
28 46 13 31-1818	EA	Flush Mounted, Weather Stopper II (STI-1250)	106.21	17.30
28 46 13 31-1819	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	73.02	17.30
28 46 13 31-1820	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	120.10	17.30
28 46 13 31-1821	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	86.55	17.30
28 46 13 31-1822	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	93.76	17.30
28 46 13 31-1823	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	101.34	17.30
28 46 13 31-1824	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	101.34	17.30
28 46 13 31-1825	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	133.44	17.30
28 46 13 31-1826	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	140.66	17.30
28 46 13 31-1827	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	165.91	17.30
28 46 13 31-1828	EA	Stopper II, Weather Gasket (STI-3002)	42.50	17.30
28 46 13 31-1829	EA	Large, Break Glass Stopper (STI-4100)	100.62	17.30
28 46 13 31-1830	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	97.37	17.30
28 46 13 31-1831	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	94.30	17.30
28 46 13 31-1832	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	239.50	17.30
28 46 13 31-1833	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	3,252.45	17.30
28 46 13 31-1834	EA	Stainless Steel Guard (STI-9604SS)	69.95	17.30
28 46 13 31-1835	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	63.64	17.30
28 46 13 31-1836		System Sensor Fire Alarm *(28 46 13 31)*		
28 46 13 31-1837		Smoke Detectors *(28 46 13 31-1836)*		
28 46 13 31-1838	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	55.09	5.76
28 46 13 31-1839	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	229.80	5.76
28 46 13 31-1840	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	285.64	57.66
28 46 13 31-1841	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	210.77	57.66
28 46 13 31-1842	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	172.60	57.66
28 46 13 31-1843	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	164.71	43.25
28 46 13 31-1844	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	157.70	43.25
28 46 13 31-1845	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	173.13	43.25
28 46 13 31-1846	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	167.42	43.25
28 46 13 31-1847	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	167.49	43.25
28 46 13 31-1848	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	177.34	43.25
28 46 13 31-1849	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	248.41	43.25
28 46 13 31-1850	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	144.61	28.84
28 46 13 31-1851	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	165.60	28.84
28 46 13 31-1852	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	265.70	14.41
28 46 13 31-1853	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	91.72	14.41
28 46 13 31-1854		Duct Smoke Detectors *(28 46 13 31-1836)*		
28 46 13 31-1855	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	342.93	43.25
28 46 13 31-1856	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	339.99	43.25
28 46 13 31-1857	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	445.49	49.01
28 46 13 31-1858	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	224.05	28.84
28 46 13 31-1859	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	60.85	8.65
28 46 13 31-1860	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	191.97	23.06
28 46 13 31-1861	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	311.15	28.84
28 46 13 31-1862	EA	1' Steel Sampling Tube (System Sensor DST1)	35.69	11.54
28 46 13 31-1863	EA	1.5’ Steel Sampling Tube (System Sensor DST1.5)	39.01	11.54
28 46 13 31-1864	EA	3’ Steel Sampling Tube (System Sensor DST3)	44.05	11.54
28 46 13 31-1865	EA	5’ Steel Sampling Tube (System Sensor DST5)	53.51	14.41
28 46 13 31-1866	EA	10’ Steel Sampling Tube (System Sensor DST10)	83.44	17.30
28 46 13 31-1867	EA	1’, Steel, Exhaust Tube Duct (System Sensor ETX)	40.38	11.54
28 46 13 31-1868	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	91.48	14.41
28 46 13 31-1869	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	196.24	
28 46 13 31-1870	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	210.92	
28 46 13 31-1871		Heat Detectors *(28 46 13 31-1836)*		
28 46 13 31-1872	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	111.77	43.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1873	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	109.70	43.25
28 46 13 31-1874	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	127.12	43.25
28 46 13 31-1875	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	127.12	43.25
28 46 13 31-1876		**Horns** *(28 46 13 31-1836)*		
28 46 13 31-1877	EA	Red, Mini Horn (System Sensor MHR)	117.58	43.25
28 46 13 31-1878	EA	White, Mini Horn (System Sensor MHW)	117.58	43.25
28 46 13 31-1879	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	119.09	43.25
28 46 13 31-1880	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	149.23	49.01
28 46 13 31-1881	EA	Red, Interior, Wall Mounted, Horn (System Sensor HRL)	119.09	43.25
28 46 13 31-1882	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	164.71	43.25
28 46 13 31-1883		**Wall Mounted Horns/Strobes** *(28 46 13 31-1836)*		
28 46 13 31-1884	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	159.91	43.25
28 46 13 31-1885	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	209.43	43.25
28 46 13 31-1886	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	235.06	49.01
28 46 13 31-1887	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	229.68	49.01
28 46 13 31-1888	EA	Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	240.20	49.01
28 46 13 31-1889	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	234.33	49.01
28 46 13 31-1890	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	222.83	49.01
28 46 13 31-1891	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	193.92	43.25
28 46 13 31-1892	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	156.48	43.25
28 46 13 31-1893	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	159.91	43.25
28 46 13 31-1894	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	210.93	43.25
28 46 13 31-1895	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	227.72	49.01
28 46 13 31-1896	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	229.68	49.01
28 46 13 31-1897	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	209.43	43.25
28 46 13 31-1898	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	241.67	49.01
28 46 13 31-1899	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	222.83	49.01
28 46 13 31-1900	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	155.75	43.25
28 46 13 31-1901	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	190.74	43.25
28 46 13 31-1902	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	208.02	43.25
28 46 13 31-1903	EA	Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	240.02	49.01
28 46 13 31-1904	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	217.94	49.01
28 46 13 31-1905	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	190.74	43.25
28 46 13 31-1906	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	265.95	49.01
28 46 13 31-1907	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	230.17	49.01
28 46 13 31-1908		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-1836)*		
28 46 13 31-1909	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	162.35	43.25
28 46 13 31-1910	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	212.43	43.25
28 46 13 31-1911	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	227.72	49.01
28 46 13 31-1912	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	221.36	49.01
28 46 13 31-1913	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	201.94	43.25
28 46 13 31-1914	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	162.35	43.25
28 46 13 31-1915	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	212.43	43.25
28 46 13 31-1916	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	227.72	49.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1917	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	212.43	43.25
28 46 13 31-1918	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	221.36	49.01
28 46 13 31-1919	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	200.44	43.25
28 46 13 31-1920	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	191.96	43.25
28 46 13 31-1921	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	208.02	43.25
28 46 13 31-1922	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	191.96	43.25
28 46 13 31-1923		**Wall Mounted Strobes** *(28 46 13 31-1836)*		
28 46 13 31-1924	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	72.79	14.41
28 46 13 31-1925	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	138.70	14.41
28 46 13 31-1926	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	144.98	43.25
28 46 13 31-1927	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	176.74	43.25
28 46 13 31-1928	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	214.75	49.01
28 46 13 31-1929	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	212.34	49.01
28 46 13 31-1930	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	205.21	49.01
28 46 13 31-1931	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	181.23	49.01
28 46 13 31-1932	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	143.76	43.25
28 46 13 31-1933	EA	White, 12/24 Volt DC, Selectable (15, 15/75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	144.49	43.25
28 46 13 31-1934	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15/75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	155.99	43.25
28 46 13 31-1935	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	189.94	43.25
28 46 13 31-1936	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	198.94	43.25
28 46 13 31-1937	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	197.44	43.25
28 46 13 31-1938	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	197.44	43.25
28 46 13 31-1939	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	208.15	49.01
28 46 13 31-1940	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	205.95	49.01
28 46 13 31-1941	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	207.66	49.01
28 46 13 31-1942	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	213.48	49.01
28 46 13 31-1943	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	203.99	49.01
28 46 13 31-1944	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	204.97	49.01
28 46 13 31-1945	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	143.51	43.25
28 46 13 31-1946	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	25.00	5.76
28 46 13 31-1947	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	25.00	5.76
28 46 13 31-1948	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	25.00	5.76
28 46 13 31-1949	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	25.00	5.76
28 46 13 31-1950		**Ceiling Mounted Strobes** *(28 46 13 31-1836)*		
28 46 13 31-1951	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	147.67	43.25
28 46 13 31-1952	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	179.15	43.25
28 46 13 31-1953	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	214.75	49.01
28 46 13 31-1954	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	214.75	49.01
28 46 13 31-1955	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	147.67	43.25
28 46 13 31-1956	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	157.46	43.25
28 46 13 31-1957	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	201.94	43.25
28 46 13 31-1958	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	205.95	49.01
28 46 13 31-1959	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	203.99	49.01
28 46 13 31-1960	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	179.45	43.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1961	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	25.00	5.76
28 46 13 31-1962	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	25.00	5.76
28 46 13 31-1963	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	25.00	5.76
28 46 13 31-1964	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	25.00	5.76
28 46 13 31-1965		**Wall Mounted Speakers** *(28 46 13 31-1836)*		
28 46 13 31-1966	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	371.31	43.25
28 46 13 31-1967	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	125.16	43.25
28 46 13 31-1968	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	196.61	43.25
28 46 13 31-1969	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	165.57	49.01
28 46 13 31-1970	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	146.66	43.25
28 46 13 31-1971	EA	White, Wall Mounted Speaker (System Sensor SPWL)	125.16	43.25
28 46 13 31-1972	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	207.17	49.01
28 46 13 31-1973	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	140.23	43.25
28 46 13 31-1974		**Ceiling Mounted Speakers** *(28 46 13 31-1836)*		
28 46 13 31-1975	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	122.47	43.25
28 46 13 31-1976	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	195.39	43.25
28 46 13 31-1977	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	146.66	43.25
28 46 13 31-1978	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	124.67	43.25
28 46 13 31-1979	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	161.46	43.25
28 46 13 31-1980	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	208.15	49.01
28 46 13 31-1981		**Wall Mounted Speakers/Strobes** *(28 46 13 31-1836)*		
28 46 13 31-1982	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	136.99	14.41
28 46 13 31-1983	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL)	69.85	14.41
28 46 13 31-1984	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	199.06	43.25
28 46 13 31-1985	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	222.46	43.25
28 46 13 31-1986	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	295.36	49.01
28 46 13 31-1987	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	283.51	49.01
28 46 13 31-1988	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	242.89	49.01
28 46 13 31-1989	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	196.85	43.25
28 46 13 31-1990	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	215.24	43.25
28 46 13 31-1991	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	200.03	43.25
28 46 13 31-1992	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	286.94	49.01
28 46 13 31-1993	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	199.06	43.25
28 46 13 31-1994	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	255.91	43.25
28 46 13 31-1995	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	255.91	43.25
28 46 13 31-1996	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	296.72	49.01
28 46 13 31-1997	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	282.53	49.01
28 46 13 31-1998	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	195.87	43.25
28 46 13 31-1999	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	246.91	43.25
28 46 13 31-2000	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	246.91	43.25
28 46 13 31-2001		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-1836)*		
28 46 13 31-2002	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	185.84	43.25
28 46 13 31-2003	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	224.87	43.25
28 46 13 31-2004	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	215.24	43.25
28 46 13 31-2005	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	185.84	43.25
28 46 13 31-2006	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	198.08	43.25
28 46 13 31-2007	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	255.91	43.25
28 46 13 31-2008	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	298.19	49.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2009	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	255.91	43.25
28 46 13 31-2010	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	287.43	49.01
28 46 13 31-2011	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	296.72	49.01
28 46 13 31-2012	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	185.84	43.25
28 46 13 31-2013	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	246.91	43.25
28 46 13 31-2014	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	255.91	43.25
28 46 13 31-2015	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	246.91	43.25
28 46 13 31-2016	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	255.47	43.25
28 46 13 31-2017		**Electric Alarm Bells** *(28 46 13 31-1836)*		
28 46 13 31-2018	EA	6" 24 Volt DC Alarm Bell (System Sensor SSM24-6)	153.79	43.25
28 46 13 31-2019	EA	8" 24 Volt DC Alarm Bell (System Sensor SSM24-8)	165.78	43.25
28 46 13 31-2020	EA	10" 24 Volt DC Alarm Bell (System Sensor SSM24-10)	178.99	43.25
28 46 13 31-2021	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	171.98	43.83
28 46 13 31-2022	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	173.95	43.83
28 46 13 31-2023	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	186.44	43.83
28 46 13 31-2024		**Device Bases** *(28 46 13 31-1836)*		
28 46 13 31-2025	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	117.17	14.41
28 46 13 31-2026	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	113.50	14.41
28 46 13 31-2027	EA	Intelligent Isolator Base (System Sensor B224BI)	93.68	14.41
28 46 13 31-2028	EA	Intelligent Relay Base (System Sensor B224RB)	94.66	14.41
28 46 13 31-2029	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	59.38	14.41
28 46 13 31-2030		**Boxes, Plates And Decals** *(28 46 13 31-1836)*		
28 46 13 31-2031	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	53.58	14.41
28 46 13 31-2032	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	107.31	17.30
28 46 13 31-2033	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	53.50	14.41
28 46 13 31-2034	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB)	80.03	14.41
28 46 13 31-2035	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW)	87.08	14.41
28 46 13 31-2036	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW)	80.03	14.41
28 46 13 31-2037	EA	Red Retrofit Plate (System Sensor RFP)	37.07	8.65
28 46 13 31-2038	EA	White Retrofit Plate (System Sensor RFPW)	36.78	8.65
28 46 13 31-2039	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB)	67.79	14.41
28 46 13 31-2040	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC)	76.21	14.41
28 46 13 31-2041	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCRL)	54.09	14.41
28 46 13 31-2042	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL)	54.09	14.41
28 46 13 31-2043	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL)	46.95	14.41
28 46 13 31-2044	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL)	52.33	14.41
28 46 13 31-2045	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL)	52.33	14.41
28 46 13 31-2046	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL)	46.95	14.41
28 46 13 31-2047	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	52.83	14.41
28 46 13 31-2048	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	47.19	14.41
28 46 13 31-2049	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	17.14	5.76
28 46 13 31-2050	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	25.19	
28 46 13 31-2051	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	34.96	
28 46 13 31-2052	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	25.19	
28 46 13 31-2053	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	34.96	
28 46 13 31-2054		**Chimes** *(28 46 13 31-1836)*		
28 46 13 31-2055	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	133.15	43.25
28 46 13 31-2056	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	148.65	43.25
28 46 13 31-2057		**Chime/Strobes** *(28 46 13 31-1836)*		
28 46 13 31-2058	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	213.74	43.25
28 46 13 31-2059	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	213.74	43.25
28 46 13 31-2060		**Carbon Monoxide Detectors** *(28 46 13 31-1836)*		
28 46 13 31-2061	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	267.54	57.66
28 46 13 31-2062	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	211.78	43.25
28 46 13 31-2063	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	17.45	5.76
28 46 13 31-2064		**Switches** *(28 46 13 31-1836)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2065	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	190.99	23.06
28 46 13 31-2066	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	213.02	23.06
28 46 13 31-2067	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	190.99	23.06
28 46 13 31-2068	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	213.02	23.06
28 46 13 31-2069	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	198.82	23.06
28 46 13 31-2070	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	186.10	23.06
28 46 13 31-2071		**Low Frequency Sounders** *(28 46 13 31-1836)*		
28 46 13 31-2072	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	203.44	43.25
28 46 13 31-2073	EA	White, Low Frequency Sounder (System Sensor HW-LF)	203.44	43.25
28 46 13 31-2074		**Sync Modules** *(28 46 13 31-1836)*		
28 46 13 31-2075	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	153.09	28.84
28 46 13 31-2076	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	150.64	28.84
28 46 13 31-2077		**Relays** *(28 46 13 31-1836)*		
28 46 13 31-2078	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	87.44	23.06
28 46 13 31-2079	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	56.34	14.41
28 46 13 31-2080	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	160.97	14.41
28 46 13 31-2081	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	118.88	14.41
28 46 13 31-2082	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	94.00	23.06
28 46 13 31-2083	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	58.10	14.41
28 46 13 31-2084	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	181.03	14.41
28 46 13 31-2085	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	135.77	14.41
28 46 13 31-2086	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	49.20	14.41
28 46 13 31-2087	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	49.20	14.41
28 46 13 31-2088	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	49.20	14.41
28 46 13 31-2089		**Remote Annunciator** *(28 46 13 31-1836)*		
28 46 13 31-2090	EA	Remote Annunciator (System Sensor RA100Z)	117.33	43.25
28 46 13 31-2091	EA	Remote LED Annunciator (System Sensor RA100ZA)	115.57	43.25
28 46 13 31-2092		**Remote Test Station** *(28 46 13 31-1836)*		
28 46 13 31-2093	EA	Remote Test Station With Key (System Sensor RTS151KEY)	180.95	43.25
28 46 13 31-2094		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2095	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	703.44	57.66
28 46 13 31-2096		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2097		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2098	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	239.41	43.25
28 46 13 31-2099		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2100	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	239.41	43.25
28 46 13 31-2101	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	239.41	43.25
28 46 13 31-2102		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2103	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	156.81	43.25
28 46 13 31-2104	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	176.05	43.25
28 46 13 31-2105		**Wall Mounted Horns/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2106	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	160.07	43.25
28 46 13 31-2107	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	257.41	43.25
28 46 13 31-2108	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	210.31	43.25
28 46 13 31-2109	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	210.31	43.25
28 46 13 31-2110	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	243.92	43.25
28 46 13 31-2111	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	178.71	43.25
28 46 13 31-2112	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	176.79	43.25
28 46 13 31-2113	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	195.24	49.01
28 46 13 31-2114	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	159.30	43.25
28 46 13 31-2115	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	159.30	43.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2116		**Ceiling Mounted Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2117	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	149.89	43.25
28 46 13 31-2118	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	149.89	43.25
28 46 13 31-2119	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	159.91	43.25
28 46 13 31-2120	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	144.13	43.25
28 46 13 31-2121		**Wall Mounted Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2122	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	225.19	43.25
28 46 13 31-2123	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	181.78	43.25
28 46 13 31-2124	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	204.94	43.25
28 46 13 31-2125	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	148.36	43.25
28 46 13 31-2126	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	148.36	43.25
28 46 13 31-2127	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	158.34	43.25
28 46 13 31-2128	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	165.66	49.01
28 46 13 31-2129	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	145.09	43.25
28 46 13 31-2130	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	145.09	43.25
28 46 13 31-2131		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2132	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	181.78	43.25
28 46 13 31-2133	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	181.78	43.25
28 46 13 31-2134	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	181.78	43.25
28 46 13 31-2135	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	183.70	43.25
28 46 13 31-2136	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	194.46	43.25
28 46 13 31-2137	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	209.44	43.25
28 46 13 31-2138		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2096)*		
28 46 13 31-2139	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	282.90	43.25
28 46 13 31-2140	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	282.90	43.25
28 46 13 31-2141	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	194.46	43.25
28 46 13 31-2142	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	194.46	43.25
28 46 13 31-2143	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	181.78	43.25
28 46 13 31-2144	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	178.71	43.25
28 46 13 31-2145	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	194.46	43.25
28 46 13 31-2146	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	194.46	43.25
28 46 13 31-2147	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	279.90	43.25
28 46 13 31-2148	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	183.70	43.25
28 46 13 31-2149	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	182.16	43.25
28 46 13 31-2150	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	273.15	43.25
28 46 13 31-2151	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	279.90	43.25
28 46 13 31-2152	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	209.44	43.25
28 46 13 31-2153	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	209.44	43.25
28 46 13 31-2154	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	304.18	49.01
28 46 13 31-2155		**Electric Alarm Bells** *(28 46 13 31-2096)*		
28 46 13 31-2156	EA	6", 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	177.17	43.25
28 46 13 31-2157	EA	6", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	171.02	43.25
28 46 13 31-2158	EA	10", 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	212.13	43.25
28 46 13 31-2159	EA	115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R)	1,631.75	49.01
28 46 13 31-2160	EA	Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R)	2,633.73	49.01
28 46 13 31-2161	EA	Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R)	3,058.96	49.01
28 46 13 31-2162	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	142.40	43.25
28 46 13 31-2163	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	188.29	43.25
28 46 13 31-2164		**Horns** *(28 46 13 31-2096)*		
28 46 13 31-2165	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R)	146.47	43.25
28 46 13 31-2166	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	120.77	43.25
28 46 13 31-2167	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	120.77	43.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2168	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	121.62	43.25
28 46 13 31-2169	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	121.62	43.25
28 46 13 31-2170	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	107.40	43.25
28 46 13 31-2171	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	107.40	43.25
28 46 13 31-2172	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	121.62	43.25
28 46 13 31-2173		**Speakers** *(28 46 13 31-2096)*		
28 46 13 31-2174	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	124.07	43.25
28 46 13 31-2175	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	124.07	43.25
28 46 13 31-2176	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	124.07	43.25
28 46 13 31-2177	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	122.38	43.25
28 46 13 31-2178	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	124.07	43.25
28 46 13 31-2179	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	124.07	43.25
28 46 13 31-2180	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	124.07	43.25
28 46 13 31-2181	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	124.07	43.25
28 46 13 31-2182	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	142.59	43.25
28 46 13 31-2183	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	142.59	43.25
28 46 13 31-2184	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	144.13	43.25
28 46 13 31-2185	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	187.80	43.25
28 46 13 31-2186	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	170.67	43.25
28 46 13 31-2187	EA	Grey, 1 To 15 Watt, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S)	263.23	43.25
28 46 13 31-2188	EA	Red, 1 To 15 Watt, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR)	263.23	43.25
28 46 13 31-2189		**Sync Modules** *(28 46 13 31-2096)*		
28 46 13 31-2190	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	174.60	28.84
28 46 13 31-2191		**Boxes, Plates And Rings** *(28 46 13 31-2096)*		
28 46 13 31-2192	EA	4" Square, Red, Surface Backbox (Wheelock BB-R)	37.25	14.41
28 46 13 31-2193	EA	Standard 4" Square Box (Wheelock BB-STD)	36.47	14.41
28 46 13 31-2194	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC)	215.73	28.84
28 46 13 31-2195	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	215.73	28.84
28 46 13 31-2196	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	166.52	23.06
28 46 13 31-2197	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	19.07	5.76
28 46 13 31-2198	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	19.07	5.76
28 46 13 31-2199	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	46.36	14.41
28 46 13 31-2200	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	43.90	14.41
28 46 13 31-2201	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	46.36	14.41
28 46 13 31-2202	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W)	46.36	14.41
28 46 13 31-2203	EA	4" Square Backbox (Wheelock DBB-R)	38.83	14.41
28 46 13 31-2204	EA	Red, Surface Backbox (Wheelock IOB-R)	44.75	14.41
28 46 13 31-2205	EA	White, Surface, Backbox (Wheelock IOB-W)	44.75	14.41
28 46 13 31-2206	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	18.26	5.76
28 46 13 31-2207	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	24.28	5.76
28 46 13 31-2208	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	24.28	5.76
28 46 13 31-2209	EA	Red Retrofit Plate (Wheelock RP-R)	21.53	5.76
28 46 13 31-2210	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	36.30	5.76
28 46 13 31-2211	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R)	46.74	14.41
28 46 13 31-2212	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W)	47.28	14.41
28 46 13 31-2213	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	50.12	14.41
28 46 13 31-2214	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	25.41	5.76
28 46 13 31-2215	EA	White, Semi-Flush Plate (Wheelock SFB-W)	25.41	5.76
28 46 13 31-2216	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R)	41.40	14.41
28 46 13 31-2217	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W)	41.40	14.41
28 46 13 31-2218	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	26.60	5.76
28 46 13 31-2219	EA	Red, Weather Resistant Backbox (Wheelock WBB-R)	46.05	14.41
28 46 13 31-2220	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	32.44	5.76
28 46 13 31-2221	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	32.44	5.76
28 46 13 31-2222	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	32.44	5.76
28 46 13 31-2223	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	32.44	5.76
28 46 13 31-2224	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT)	22.26	5.76
28 46 13 31-2225	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	55.46	14.41
28 46 13 31-2226	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	51.16	14.41
28 46 13 31-2227		**Manual Pull Station** *(28 46 13 31-2096)*		
28 46 13 31-2228	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	127.26	28.84
28 46 13 31-2229	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	127.26	28.84
28 46 13 31-2230	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,108.62	28.84
28 46 13 31-2231		**Potter Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2232		**Electric Alarm Bells** *(28 46 13 31-2231)*		
28 46 13 31-2233	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	122.57	43.25
28 46 13 31-2234	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	133.95	43.25
28 46 13 31-2235	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	139.65	43.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2236	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	122.57	43.25
28 46 13 31-2237	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	133.95	43.25
28 46 13 31-2238	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	139.65	43.25
28 46 13 31-2239	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	132.23	43.25
28 46 13 31-2240	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	137.70	43.25
28 46 13 31-2241	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	169.90	43.25
28 46 13 31-2242	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	124.21	43.25
28 46 13 31-2243	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	137.70	43.25
28 46 13 31-2244	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	148.98	43.25
28 46 13 31-2245		Manual Pull Station *(28 46 13 31-2231)*		
28 46 13 31-2246	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	89.95	28.84
28 46 13 31-2247	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	95.12	28.84
28 46 13 31-2248	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	153.33	28.84
28 46 13 31-2249	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	98.34	28.84
28 46 13 31-2250	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	92.88	28.84
28 46 13 31-2251	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	171.53	28.84
28 46 13 31-2252	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	214.96	28.84
28 46 13 31-2253		Fire Alarm Terminal Cabinets *(28 46 13 31)*		
28 46 13 31-2254	EA	18 Point Lockable Fire Alarm Terminal Cabinet	236.94	57.76
28 46 13 31-2255	EA	32 Point Lockable Fire Alarm Terminal Cabinet	309.81	57.76
28 46 13 31-2256	EA	64 Point Lockable Fire Alarm Terminal Cabinet	455.52	57.76
28 46 13 31-2257	EA	128 Point Lockable Fire Alarm Terminal Cabinet	601.20	57.76
28 46 13 31-2258		Test And Certification Of Fire Alarm System *(28 46 13 31)*		
28 46 13 31-2259	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	916.56	
28 46 13 31-2260	HR	Test And Certification Of Fire Alarm System	286.42	
28 46 13 31-2261		Programming Of Fire Alarm System *(28 46 13 31)*		
28 46 13 31-2262	HR	Programming Of Fire Alarm System	343.71	
28 46 13 31-2263		Removal And Reinstallation Of Smoke Detector *(28 46 13 31)* Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2264	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	161.48	
28 46 13 31-2265	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	129.75	
28 46 13 31-2266		Kidde Fire Safety Equipment *(28 46 13 31)*		
28 46 13 31-2267		Smoke Detectors *(28 46 13 31-2266)*		
28 46 13 31-2268	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With Battery Back-up (Kidde i12010SCO)	152.47	43.25
28 46 13 31-2269	EA	Combination Smoke And Carbon Monoxide Detector, With Battery Back-up (Kidde P3010K-CO)	125.32	43.25
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		Protectowire Fire Alarm *(28 46 31 11)*		
28 46 31 11-0002		Linear Heat Detector Cable *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.37	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	5.82	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	5.82	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	6.27	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	6.82	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	7.27	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	67.35	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	26.64	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	8.91	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	8.91	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	9.90	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	15.44	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	16.04	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.53	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.08	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	9.16	
28 46 41		**Fire-Alarm Notification Appliances** *(28 46)*		
28 46 41 11		**Audible Fire-Alarm Notification Appliances** *(28 46 41)* See CSI section 28 46 13 31-0000 for fire alarm speakers.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 41 31		**Combination Fire-Alarm Notification Appliances** *(28 46 41)*		
		See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.		
28 47		Mass Notification *(28 40)*		
28 47 15		**Mass Notification Control Panels** *(28 47)*		
28 47 15 00-0001		Central Station Controls *(28 47 15)*		
28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	934.88	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,520.80	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	4,220.82	
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	1,316.99	28.84
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	4,855.10	28.84
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	732.30	28.84
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	826.90	28.84
28 47 17		**Notification Devices and Methods** *(28 47)*		
28 47 17 17		**Notification Appliances and Methods Public Methods** *(28 47 17)*		
28 47 17 17-0001		Voice Capable Omni-Directional Speakers *(28 47 17 17)*		
28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,048.57	760.92
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	15,948.72	794.01
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	18,812.92	827.08
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	21,677.12	860.17
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	24,613.22	893.25
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	29,526.33	926.34
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	32,426.48	959.42
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	35,913.76	992.50
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	38,777.96	1,025.59
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	41,678.11	1,058.67
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	28,447.96	926.34
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	30,305.69	959.42
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	467.75	28.84
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	2,118.55	28.84
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	2,118.55	28.84
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	1,914.85	28.84
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	1,854.94	28.84
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	432.52	28.84
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	552.90	28.84
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	574.43	28.84
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	3,018.90	28.84
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	2,322.24	28.84
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	2,322.24	28.84
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	2,322.24	28.84
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	826.90	28.84
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	544.90	28.84
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	356.18	28.84
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	271.03	28.84
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG)	186.94	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	37.44	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	148.19	28.84
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	1,083.39	43.25
28 47 17 17-0034	EA	WPS And OA Series, Roof Top Mounted (Whelen RTM)	10,208.32	727.83
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280) Note: Includes mounting bracket and regulator.	4,264.09	173.00
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	2,171.35	43.25
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	2,171.35	43.25
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	2,171.35	43.25
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	2,171.35	43.25
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	2,171.35	43.25
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4)	701.15	43.25
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4)	701.15	43.25
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4)	701.15	43.25
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A)	549.44	43.25
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B)	549.44	43.25
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C)	549.44	43.25
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G)	549.44	43.25
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R)	549.44	43.25
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	840.08	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	579.33	28.84
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	579.33	28.84
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	386.34	43.25
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	496.90	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	802.48	28.84
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	404.13	28.84
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	148.19	28.84
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	793.67	28.84

28 47 17 17-0058 Tone Only, Omni-Alert Sirens *(28 47 17 17)*

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	10,531.83	727.83
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,168.39	760.92
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	15,780.97	794.01
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	18,453.46	827.08
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	299.69	28.84
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	467.75	28.84
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	2,118.55	28.84
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	2,118.55	28.84
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	1,914.85	28.84
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	1,854.94	28.84
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	377.71	28.84
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	663.94	28.84
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	690.30	28.84
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	2,322.24	28.84
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	2,322.24	28.84
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	2,322.24	28.84
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	2,322.24	28.84
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	826.90	28.84
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	356.18	28.84
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	404.13	28.84
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	218.17	28.84
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	4,264.09	173.00
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	818.60	43.25

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	21,916.76	860.17
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	23,247.28	893.25
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	255.37	28.84
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	559.70	28.84
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	2,118.55	28.84
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	2,118.55	28.84
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	1,914.85	28.84
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	1,854.94	28.84
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	377.71	28.84
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	650.76	28.84
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	690.30	28.84
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	2,322.24	28.84
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	2,322.24	28.84
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	2,322.24	28.84
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	2,322.24	28.84
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	826.90	28.84
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	481.82	28.84
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	356.18	28.84
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	218.17	28.84
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	663.94	28.84
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	4,264.09	173.00
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	818.60	43.25
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	3,341.72	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	13,959.19	760.92
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	255.37	28.84
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	559.70	28.84
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	2,118.55	28.84
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	2,118.55	28.84
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	1,914.85	28.84
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	1,854.94	28.84
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	449.47	28.84
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	542.14	28.84
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	574.43	28.84
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	2,322.24	28.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	2,322.24	28.84
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	2,322.24	28.84
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	2,322.24	28.84
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	826.90	28.84
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	404.13	28.84
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	356.18	28.84
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	218.17	28.84
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	4,264.09	173.00
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	571.50	28.84
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	818.60	43.25

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System *(28 47 17 17)*

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	6,925.74	922.70
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	8,414.51	1,038.04
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	363.48	43.25
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	347.82	43.25
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	661.02	43.25
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	452.55	43.25
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	910.60	43.25
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,691.63	49.01
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	581.74	43.25
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	906.48	49.01
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	218.17	28.84

28 47 17 17-0140 Firehouse Siren *(28 47 17 17)*

28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	255.37	28.84
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	377.71	28.84
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	650.76	28.84
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	574.43	28.84
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,322.24	28.84
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,322.24	28.84
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	2,322.24	28.84
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,322.24	28.84
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	356.18	28.84
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	218.17	28.84
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	4,264.09	173.00

28 47 17 17-0152 Alert Monitor And Message Display *(28 47 17 17)*

28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	1,938.82	28.84
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	1,938.82	28.84
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	1,938.82	28.84
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	1,938.82	28.84
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	230.37	43.25
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	68.43	28.84
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	138.98	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	218.26	

28 47 17 17-0161 Portable Test Set *(28 47 17 17)*

28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	7,824.18	
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	7,824.18	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	7,824.18	

28 47 17 17-0165 Replacement Warning Lights *(28 47 17 17)*

28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	358.49	46.14
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	358.49	46.14
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	358.49	46.14
28 47 17 17-0169	EA	Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	358.49	46.14
28 47 17 17-0170	EA	Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	358.49	46.14
28 47 17 17-0171	EA	Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	384.91	46.14
28 47 17 17-0172	EA	Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	252.78	46.14
28 47 17 17-0173	EA	Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	381.00	46.14
28 47 17 17-0174	EA	Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	381.00	46.14
28 47 17 17-0175	EA	Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	381.00	46.14
28 47 17 17-0176	EA	Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	358.49	46.14
28 47 17 17-0177	EA	Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	358.49	46.14
28 47 17 17-0178	EA	Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	358.49	46.14
28 47 17 17-0179	EA	Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	358.49	46.14
28 47 17 17-0180	EA	Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	358.49	46.14
28 47 17 17-0181	EA	Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	400.57	46.14
28 47 17 17-0182	EA	Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	400.57	46.14
28 47 17 17-0183	EA	Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	262.57	46.14
28 47 17 17-0184	EA	Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	262.57	46.14
28 47 17 17-0185	EA	Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	262.57	46.14

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0186		Antenna *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	285.95	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	256.59	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	14,009.46	

28 49 Electronic Personal Protection Systems *(28 40)*

28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	22,063.29	925.78
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	175.17	
28 49 11 00-0004	EA	Lapel Reader	67.37	
28 49 11 00-0005	EA	IR Locator	244.47	34.66
28 49 11 00-0006	EA	Repeaters And Receivers	594.88	115.54

28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	316.93	69.32
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	376.13	80.88
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	378.95	80.88

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	233.61	43.32
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	227.88	34.66
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	104.89	34.66
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	184.21	34.66
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	212.57	34.66
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	241.99	34.66
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	336.60	34.66
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	377.30	34.66

28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	140.47	34.66
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	208.08	34.66
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	273.34	34.66
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	294.18	11.56
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	214.11	34.66
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	253.15	34.66
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	431.02	34.66
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	203.38	34.66
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	248.57	11.56
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	384.80	11.56
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	393.17	11.56
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	518.27	11.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 01 Maintenance of Earthwork *(31)*

31 01 20 Maintenance of Earth Moving *(31 01)*

31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

31 01 20 00-0002	ACR	Rip Light Soil And Sand, By Dozer	663.89	
31 01 20 00-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper	1,024.80	
31 01 20 00-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader	871.61	

31 05 Common Work Results for Earthwork *(31)*

31 05 13 Soils for Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	31.01	
		For Up To 8, Add	*6.20*	
		For >8 To 16, Add	*3.10*	
		For >48 To 64, Deduct	*-2.41*	
		For >64 To 96, Deduct	*-3.96*	
		For >96, Deduct	*-5.51*	
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	35.82	
		For Up To 8, Add	*7.16*	
		For >8 To 16, Add	*3.58*	
		For >48 To 64, Deduct	*-2.65*	
		For >64 To 96, Deduct	*-4.44*	
		For >96, Deduct	*-6.23*	
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	47.34	
		For Up To 8, Add	*9.47*	
		For >8 To 16, Add	*4.73*	
		For >48 To 64, Deduct	*-3.22*	
		For >64 To 96, Deduct	*-5.59*	
		For >96, Deduct	*-7.96*	
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	43.02	
		For Up To 8, Add	*8.60*	
		For >8 To 16, Add	*4.30*	
		For >48 To 64, Deduct	*-3.01*	
		For >64 To 96, Deduct	*-5.16*	
		For >96, Deduct	*-7.31*	
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	72.79	
		For Up To 8, Add	*14.56*	
		For >8 To 16, Add	*7.28*	
		For >48 To 64, Deduct	*-4.49*	
		For >64 To 96, Deduct	*-8.13*	
		For >96, Deduct	*-11.77*	
31 05 13 00-0007	CY	Common Fill, Native Soil/Dirt	37.26	
		For Up To 8, Add	*7.45*	
		For >8 To 16, Add	*3.73*	
		For >48 To 64, Deduct	*-2.72*	
		For >64 To 96, Deduct	*-4.58*	
		For >96, Deduct	*-6.44*	
31 05 13 00-0008	CY	Lime Rock Screening	34.23	
		For Up To 8, Add	*6.85*	
		For >8 To 16, Add	*3.42*	
		For >48 To 64, Deduct	*-2.57*	
		For >64 To 96, Deduct	*-4.28*	
		For >96, Deduct	*-5.99*	
31 05 13 00-0009	CY	Crushed Lime Rock Maximum 3-1/2"	34.23	
		For Up To 8, Add	*6.85*	
		For >8 To 16, Add	*3.42*	
		For >48 To 64, Deduct	*-2.57*	
		For >64 To 96, Deduct	*-4.28*	
		For >96, Deduct	*-5.99*	
31 05 13 00-0010	CY	Sand/Clay	41.27	
		For Up To 8, Add	*8.25*	
		For >8 To 16, Add	*4.13*	
		For >48 To 64, Deduct	*-2.92*	
		For >64 To 96, Deduct	*-4.98*	
		For >96, Deduct	*-7.05*	
31 05 13 00-0011	CY	Recycled Concrete Aggregate	31.25	
		For Up To 8, Add	*6.25*	
		For >8 To 16, Add	*3.13*	
		For >48 To 64, Deduct	*-2.42*	
		For >64 To 96, Deduct	*-3.98*	
		For >96, Deduct	*-5.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 13 00-0012	CY	Pitrun Clay	51.66	
		For Up To 8, Add	*10.33*	
		For >8 To 16, Add	*5.17*	
		For >48 To 64, Deduct	*-3.44*	
		For >64 To 96, Deduct	*-6.02*	
		For >96, Deduct	*-8.60*	
31 05 13 00-0013	CY	Light Clay / Loam	42.97	
		For Up To 8, Add	*8.59*	
		For >8 To 16, Add	*4.30*	
		For >48 To 64, Deduct	*-3.00*	
		For >64 To 96, Deduct	*-5.15*	
		For >96, Deduct	*-7.30*	
31 05 13 00-0014	CY	Heavy Clay	51.66	
		For Up To 8, Add	*10.33*	
		For >8 To 16, Add	*5.17*	
		For >48 To 64, Deduct	*-3.44*	
		For >64 To 96, Deduct	*-6.02*	
		For >96, Deduct	*-8.60*	

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean)	43.98	
		For Up To 8, Add	*8.80*	
		For >8 To 16, Add	*4.40*	
		For >48 To 64, Deduct	*-3.05*	
		For >64 To 96, Deduct	*-5.25*	
		For >96, Deduct	*-7.45*	
31 05 16 00-0003	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	45.55	
		For Up To 8, Add	*9.11*	
		For >8 To 16, Add	*4.56*	
		For >48 To 64, Deduct	*-3.13*	
		For >64 To 96, Deduct	*-5.41*	
		For >96, Deduct	*-7.69*	
31 05 16 00-0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	43.98	
		For Up To 8, Add	*8.80*	
		For >8 To 16, Add	*4.40*	
		For >48 To 64, Deduct	*-3.05*	
		For >64 To 96, Deduct	*-5.25*	
		For >96, Deduct	*-7.45*	
31 05 16 00-0005	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	46.70	
		For Up To 8, Add	*9.34*	
		For >8 To 16, Add	*4.67*	
		For >48 To 64, Deduct	*-3.19*	
		For >64 To 96, Deduct	*-5.52*	
		For >96, Deduct	*-7.86*	
31 05 16 00-0006	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	48.30	
		For Up To 8, Add	*9.66*	
		For >8 To 16, Add	*4.83*	
		For >48 To 64, Deduct	*-3.27*	
		For >64 To 96, Deduct	*-5.68*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0007	CY	#56 Stone Aggregate Fill (3/8" To 1")	46.95	
		For Up To 8, Add	*9.39*	
		For >8 To 16, Add	*4.70*	
		For >48 To 64, Deduct	*-3.20*	
		For >64 To 96, Deduct	*-5.55*	
		For >96, Deduct	*-7.90*	
31 05 16 00-0008	CY	#57 Stone Aggregate Fill (3/8" To 1")	49.74	
		For Up To 8, Add	*9.95*	
		For >8 To 16, Add	*4.97*	
		For >48 To 64, Deduct	*-3.34*	
		For >64 To 96, Deduct	*-5.83*	
		For >96, Deduct	*-8.32*	
31 05 16 00-0009	CY	#67 Or #68 Stone Aggregate Fill (3/16" To 3/4")	45.47	
		For Up To 8, Add	*9.09*	
		For >8 To 16, Add	*4.55*	
		For >48 To 64, Deduct	*-3.13*	
		For >64 To 96, Deduct	*-5.40*	
		For >96, Deduct	*-7.68*	
31 05 16 00-0010	CY	#7 Stone Aggregate Fill (3/8" To 1/2")	46.24	
		For Up To 8, Add	*9.25*	
		For >8 To 16, Add	*4.62*	
		For >48 To 64, Deduct	*-3.17*	
		For >64 To 96, Deduct	*-5.48*	
		For >96, Deduct	*-7.79*	
31 05 16 00-0011	CY	#78 Stone Aggregate Fill (3/32" To 1/2")	46.58	
		For Up To 8, Add	*9.32*	
		For >8 To 16, Add	*4.66*	
		For >48 To 64, Deduct	*-3.18*	
		For >64 To 96, Deduct	*-5.51*	
		For >96, Deduct	*-7.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0012	CY	#8 Stone Aggregate Fill (3/32" To 3/8")	48.30	
		For Up To 8, Add	*9.66*	
		For >8 To 16, Add	*4.83*	
		For >48 To 64, Deduct	*-3.27*	
		For >64 To 96, Deduct	*-5.68*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0013	CY	#89 Stone Aggregate Fill (1/16" To 3/8")	48.78	
		For Up To 8, Add	*9.76*	
		For >8 To 16, Add	*4.88*	
		For >48 To 64, Deduct	*-3.29*	
		For >64 To 96, Deduct	*-5.73*	
		For >96, Deduct	*-8.17*	
31 05 16 00-0014	CY	#9 Stone Aggregate Fill (3/32" To 3/16")	48.30	
		For Up To 8, Add	*9.66*	
		For >8 To 16, Add	*4.83*	
		For >48 To 64, Deduct	*-3.27*	
		For >64 To 96, Deduct	*-5.68*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0015	CY	#10 Stone Aggregate Fill (1/16" To 3/16")	49.29	
		For Up To 8, Add	*9.86*	
		For >8 To 16, Add	*4.93*	
		For >48 To 64, Deduct	*-3.32*	
		For >64 To 96, Deduct	*-5.78*	
		For >96, Deduct	*-8.25*	
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (1/16" To 3/4")	48.78	
		For Up To 8, Add	*9.76*	
		For >8 To 16, Add	*4.88*	
		For >48 To 64, Deduct	*-3.29*	
		For >64 To 96, Deduct	*-5.73*	
		For >96, Deduct	*-8.17*	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill (3/16" Max)	41.77	
		For Up To 8, Add	*8.35*	
		For >8 To 16, Add	*4.18*	
		For >48 To 64, Deduct	*-2.94*	
		For >64 To 96, Deduct	*-5.03*	
		For >96, Deduct	*-7.12*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	44.94	
		For Up To 8, Add	*8.99*	
		For >8 To 16, Add	*4.49*	
		For >48 To 64, Deduct	*-3.10*	
		For >64 To 96, Deduct	*-5.35*	
		For >96, Deduct	*-7.60*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	44.94	
		For Up To 8, Add	*8.99*	
		For >8 To 16, Add	*4.49*	
		For >48 To 64, Deduct	*-3.10*	
		For >64 To 96, Deduct	*-5.35*	
		For >96, Deduct	*-7.60*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	48.11	
		For Up To 8, Add	*9.62*	
		For >8 To 16, Add	*4.81*	
		For >48 To 64, Deduct	*-3.26*	
		For >64 To 96, Deduct	*-5.67*	
		For >96, Deduct	*-8.07*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	50.36	
		For Up To 8, Add	*10.07*	
		For >8 To 16, Add	*5.04*	
		For >48 To 64, Deduct	*-3.37*	
		For >64 To 96, Deduct	*-5.89*	
		For >96, Deduct	*-8.41*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	30.74	
		For Up To 8, Add	*6.15*	
		For >8 To 16, Add	*3.07*	
		For >48 To 64, Deduct	*-2.39*	
		For >64 To 96, Deduct	*-3.93*	
		For >96, Deduct	*-5.47*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	33.22	
		For Up To 8, Add	*6.64*	
		For >8 To 16, Add	*3.32*	
		For >48 To 64, Deduct	*-2.52*	
		For >64 To 96, Deduct	*-4.18*	
		For >96, Deduct	*-5.84*	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	31.61	
		For Up To 8, Add	*6.32*	
		For >8 To 16, Add	*3.16*	
		For >48 To 64, Deduct	*-2.44*	
		For >64 To 96, Deduct	*-4.02*	
		For >96, Deduct	*-5.60*	
31 05 16 00-0025	CY	Miscellaneous Crushed Base, Processed Concrete, Paving	61.33	
		For Up To 8, Add	*12.27*	
		For >8 To 16, Add	*6.13*	
		For >48 To 64, Deduct	*-3.92*	
		For >64 To 96, Deduct	*-6.99*	
		For >96, Deduct	*-10.05*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,190.01
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	2,217.00
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	9,555.00
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	3,695.00
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	10,857.96
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	4,199.36
31 11 00 00-0008	ACR	Clearing By Machine - Light Brush Without Grub	317.14
31 11 00 00-0009	ACR	Clearing By Machine - Medium Brush Without Grub	668.21
31 11 00 00-0010	ACR	Clearing By Machine - Heavy Brush Without Grub	949.46
31 11 00 00-0011	ACR	Chipping - Light Brush	2,548.45
31 11 00 00-0012	ACR	Chipping - Medium Brush	3,276.75
31 11 00 00-0013	ACR	Chipping - Heavy Brush	4,587.87

31 11 00 00-0014 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0037 for hauling.

31 11 00 00-0015	CY	Machine Loading Of Cleared And Grubbed Material	11.05
31 11 00 00-0016	CY	Chute Loading Of Cleared And Grubbed Material	13.27
31 11 00 00-0017	CY	Hand Loading Of Cleared And Grubbed Material	37.52
31 11 00 00-0018	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	29.48

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	597.18
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	895.79
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,194.38
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,791.56
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,388.76
31 13 13 00-0007	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,985.94
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-746.49*
31 13 13 00-0008	EA	>60" To 72" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	3,583.12
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-895.78*
31 13 13 00-0009	EA	>72" To 84" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	4,777.50
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-1,194.38*

31 13 13 00-0010 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0011 Stump Removal By Machine *(31 13 13 00-0010)*

31 13 13 00-0012	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	110.85
31 13 13 00-0013	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	212.46
31 13 13 00-0014	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	277.12
31 13 13 00-0015	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	415.69
31 13 13 00-0016	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	489.62
31 13 13 00-0017	EA	>48" To 60" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	576.42
31 13 13 00-0018	EA	>60" To 72" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	683.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0019	EA	>72" To 84" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	803.66	

31 13 13 00-0020 Stump Removal By Hand *(31 13 13 00-0010)*

31 13 13 00-0021	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	629.48	
31 13 13 00-0022	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	786.85	
31 13 13 00-0023	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,154.05	
31 13 13 00-0024	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,573.70	
31 13 13 00-0025	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,098.26	
31 13 13 00-0026	EA	>48" To 60" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,622.84	
31 13 13 00-0027	EA	>60" To 72" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,147.40	
31 13 13 00-0028	EA	>72" To 84" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,671.97	

31 13 13 00-0029 Stump Grinding *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0030 Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0029)*

Note: Level soil to match existing surface area.

31 13 13 00-0031	EA	Stump Grinding Up To 6" Tree	112.18	
		For 24" Depth, Add	*22.44*	
31 13 13 00-0032	EA	Stump Grinding >6" To 12" Tree	149.58	
		For 24" Depth, Add	*29.92*	
31 13 13 00-0033	EA	Stump Grinding >12" To 15" Tree	168.27	
		For 24" Depth, Add	*33.65*	
31 13 13 00-0034	EA	Stump Grinding >15" To 18" Tree	186.97	
		For 24" Depth, Add	*37.39*	
31 13 13 00-0035	EA	Stump Grinding >18" To 21" Tree	200.99	
		For 24" Depth, Add	*40.20*	
31 13 13 00-0036	EA	Stump Grinding >21" To 24" Tree	215.01	
		For 24" Depth, Add	*43.00*	
31 13 13 00-0037	EA	Stump Grinding >24" To 27" Tree	233.71	
		For 24" Depth, Add	*46.74*	
31 13 13 00-0038	EA	Stump Grinding >27" To 30" Tree	253.88	
		For 24" Depth, Add	*50.78*	
31 13 13 00-0039	EA	Stump Grinding >30" To 33" Tree	282.09	
		For 24" Depth, Add	*56.42*	
31 13 13 00-0040	EA	Stump Grinding >33" To 36" Tree	300.89	
		For 24" Depth, Add	*60.18*	
31 13 13 00-0041	EA	Stump Grinding >36" To 42" Tree	338.51	
		For 24" Depth, Add	*67.70*	
31 13 13 00-0042	EA	Stump Grinding >42" To 48" Tree	376.12	
		For 24" Depth, Add	*75.22*	
31 13 13 00-0043	EA	Stump Grinding >48" To 60" Tree	470.15	
		For 24" Depth, Add	*94.03*	
31 13 13 00-0044	EA	Stump Grinding >60" To 72" Tree	587.69	
		For 24" Depth, Add	*117.54*	
31 13 13 00-0045	EA	Stump Grinding >72" To 84" Tree	752.24	
		For 24" Depth, Add	*150.45*	

31 13 13 00-0046 Shrub Removal *(31 13 13)*

31 13 13 00-0047	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	44.06	
31 13 13 00-0048	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	69.10	
31 13 13 00-0049	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	80.11	
31 13 13 00-0050	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	120.18	
31 13 13 00-0051	EA	Removal Of 12" To 15" Shrub, Deciduous	22.04	
31 13 13 00-0052	EA	Removal Of 18" To 24" Shrub, Deciduous	34.05	
31 13 13 00-0053	EA	Removal Of 2' To 3' Shrub, Deciduous	44.06	
31 13 13 00-0054	EA	Removal Of 3' To 4' Shrub, Deciduous	48.07	
31 13 13 00-0055	EA	Removal Of 18" To 24" Shrub, Evergreen	44.06	
31 13 13 00-0056	EA	Removal Of 24" To 30" Shrub, Evergreen	48.07	
31 13 13 00-0057	EA	Removal Of 30" To 36" Shrub, Evergreen	69.10	
31 13 13 00-0058	EA	Removal Of 36" To 42" Shrub, Evergreen	120.17	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 13 16 00-0001 **Tree Trimming For Pole Line Construction And Maintenance** *(31 13 16)*
Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction		1.94	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction		2.92	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction		3.43	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging", Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 **Excavation For Trenching By Machine** *(31 23 16 13)*
Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil		10.74	
		For Excavation In Light Material (Class A), Deduct		*-1.34*	
		For Excavation In Heavy/Wet Material (Class C), Add		*4.30*	
		For Up To 20, Add		*8.59*	
		For >20 To 50, Add		*5.37*	
		For >50 To 250, Add		*2.69*	
		For >500 To 1,000, Deduct		*-1.61*	
		For >1,000, Deduct		*-3.22*	
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil		7.18	
		For Excavation In Light Material (Class A), Deduct		*-0.90*	
		For Excavation In Heavy/Wet Material (Class C), Add		*2.87*	
		For Up To 20, Add		*5.74*	
		For >20 To 50, Add		*3.59*	
		For >50 To 250, Add		*1.80*	
		For >500 To 1,000, Deduct		*-1.08*	
		For >1,000, Deduct		*-2.15*	
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate		17.78	
		For Up To 20, Add		*14.22*	
		For >20 To 50, Add		*8.89*	
		For >50 To 250, Add		*4.45*	
		For >500 To 1,000, Deduct		*-2.67*	
		For >1,000, Deduct		*-5.33*	
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate		12.75	
		For Up To 20, Add		*10.20*	
		For >20 To 50, Add		*6.38*	
		For >50 To 250, Add		*3.19*	
		For >500 To 1,000, Deduct		*-1.91*	
		For >1,000, Deduct		*-3.83*	

31 23 16 13-0006 **Excavation For Trenching By Hand** *(31 23 16 13)*

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		123.81	
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		212.38	

31 23 16 13-0009 **Backfilling Or Placing Subbase For Trenches** *(31 23 16 13)*
Note: With imported or stockpiled materials.

31 23 16 13-0010	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine		3.86	
		For Up To 20, Add		*3.09*	
		For >20 To 50, Add		*1.93*	
		For >50 To 250, Add		*0.97*	
		For >500 To 1,000, Deduct		*-0.58*	
		For >1,000, Deduct		*-1.16*	
31 23 16 13-0011	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand		34.39	

31 23 16 13-0012 **Compaction Of Fill Or Subbase For Trenches** *(31 23 16 13)*
Note: Includes restoration of final grade.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0013	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	7.21	
		For Up To 20, Add	*5.77*	
		For >20 To 50, Add	*3.61*	
		For >50 To 250, Add	*1.80*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-2.16*	
31 23 16 13-0014	CY	Compaction of Fill or Subbase for Trenches by Hand	38.80	

31 23 16 13-0015 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling.

31 23 16 13-0016	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	6.71	
		For Up To 20, Add	*5.37*	
		For >20 To 50, Add	*3.36*	
		For >50 To 250, Add	*1.68*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000, Deduct	*-2.01*	
31 23 16 13-0017	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	90.79	

31 23 16 13-0018 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up.

31 23 16 13-0019	CY	Spread Excess Or Imported Material On Site With Machine	3.13	
		For Up To 20, Add	*2.50*	
		For >20 To 50, Add	*1.57*	
		For >50 To 250, Add	*0.78*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000, Deduct	*-0.94*	

31 23 16 13-0020 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0021	LF	Direct Burial of Cable or Piping up to 12" Deep	2.44	
31 23 16 13-0022	LF	Direct Burial of Cable or Piping >12" to 24" Deep	2.67	
31 23 16 13-0023	LF	Direct Burial of Cable or Piping >24" to 36" Deep	3.82	
31 23 16 13-0024	LF	Direct Burial of Cable or Piping >36" to 48" Deep	4.30	

31 23 16 13-0025 Utility Chain Trencher *(31 23 16 13)*

31 23 16 13-0026 Utility Trench, Chain Trencher *(31 23 16 13-0025)*

Note: Earth left adjacent to trench.

31 23 16 13-0027	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.27	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.19*	
		For >500, Deduct	*-0.38*	
31 23 16 13-0028	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.39	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.21*	
		For >500, Deduct	*-0.42*	
31 23 16 13-0029	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.44	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500, Deduct	*-0.43*	
31 23 16 13-0030	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.53	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.46*	
31 23 16 13-0031	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.67	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.50*	
31 23 16 13-0032	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.90	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.57*	
31 23 16 13-0033	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.29	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.69*	
31 23 16 13-0034	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.16	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.65*	
31 23 16 13-0035	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.54	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.76*	
31 23 16 13-0036	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.89	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0037	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	3.43	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-1.03*	

31 23 16 13-0038 Backfill Trenches With Compaction *(31 23 16 13-0025)*

31 23 16 13-0039	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.19	
		For >100 To 250, Deduct	*-0.01*	
		For >250 To 500, Deduct	*-0.03*	
		For >500, Deduct	*-0.06*	
31 23 16 13-0040	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.31	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.09*	
31 23 16 13-0041	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.41	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.12*	
31 23 16 13-0042	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.31	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.09*	
31 23 16 13-0043	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.41	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.12*	
31 23 16 13-0044	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.61	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.09*	
		For >500, Deduct	*-0.18*	
31 23 16 13-0045	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	0.89	
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.13*	
		For >500, Deduct	*-0.27*	
31 23 16 13-0046	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.41	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.12*	
31 23 16 13-0047	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.61	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.09*	
		For >500, Deduct	*-0.18*	
31 23 16 13-0048	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.83	
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.12*	
		For >500, Deduct	*-0.25*	
31 23 16 13-0049	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.24	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.19*	
		For >500, Deduct	*-0.37*	

31 23 16 26 Rock Removal *(31 23 16)*

31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	29.45
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	31.42
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	37.31

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	9.77	
		For Excavation In Light Material (Class A), Deduct	*-1.22*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.91*	
		For >1,000, Deduct	*-1.47*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	5.78	
		For Excavation In Light Material (Class A), Deduct	*-0.72*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.31*	
		For >1,000, Deduct	*-0.87*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock Note: Includes compacted aggregate	12.02	
		For >1,000, Deduct	*-1.80*	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock Note: Includes compacted aggregate	7.12	
		For >1,000, Deduct	*-1.07*	

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	6.03	
		For >1,000, Deduct	*-0.90*	
31 23 16 33-0008		**Cutting, Shaping and Rough Grading Of Existing Elevations** *(31 23 16 33)*		
		Note: For bulk excavation.		
31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	6.69	
		For >1,000, Deduct	*-1.00*	
31 23 16 33-0010		**Relocating On Site Excavated Material From Excavation** *(31 23 16 33)*		
		Note: For bulk excavation.		
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	5.36	
		For >1,000, Deduct	*-0.80*	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	8.04	
		For >1,000, Deduct	*-1.21*	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	12.06	
		For >1,000, Deduct	*-1.81*	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	16.08	
		For >1,000, Deduct	*-2.41*	
31 23 16 33-0015		**Finish Grading** *(31 23 16 33)*		
		Note: For bulk excavation.		
31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.67	
31 23 16 33-0017		**Compaction Of Fill Or Subbase, Per Lift** *(31 23 16 33)*		
		Note: For bulk excavation.		
31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine	0.68	
		Note: Per Lift		
31 23 16 33-0019		**Loading Excess Material For Removal From Excavation** *(31 23 16 33)*		
		Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling.		
31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	5.89	
		For >1,000, Deduct	*-0.88*	
31 23 16 36		**Excavation for Building Foundations and Other Structures** *(31 23 16)*		
		Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
31 23 16 36-0001		**Excavation** *(31 23 16 36)*		
		Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.		
31 23 16 36-0002		**Excavation For Building Foundations And Other Structures By Skid-Steer Loader** *(31 23 16 36-0001)*		
31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	8.89	
		For Excavation In Light Material (Class A), Deduct	*-1.11*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.56*	
		For Up To 20, Add	*8.89*	
		For >20 To 50, Add	*6.67*	
		For >50 To 250, Add	*3.56*	
		For >250 To 500, Add	*1.33*	
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock	11.06	
		Note: Includes compacted aggregate		
		For Up To 20, Add	*11.06*	
		For >20 To 50, Add	*8.30*	
		For >50 To 250, Add	*4.42*	
		For >250 To 500, Add	*1.66*	
31 23 16 36-0005		**Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader** *(31 23 16 36-0001)*		
31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	6.95	
		For Excavation In Light Material (Class A), Deduct	*-0.87*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.78*	
		For Up To 20, Add	*6.95*	
		For >20 To 50, Add	*5.21*	
		For >50 To 250, Add	*2.78*	
		For >250 To 500, Add	*1.04*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock	8.27	
		Note: Includes compacted aggregate		
		For Up To 20, Add	*8.27*	
		For >20 To 50, Add	*6.20*	
		For >50 To 250, Add	*3.31*	
		For >250 To 500, Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0008		**Excavation For Building Foundations And Other Structures By Hand** *(31 23 16 36-0001)* Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	123.81	
		For Excavation In Light Material (Class A), Deduct	*-15.48*	
		For Excavation In Heavy/Wet Material (Class C), Add	*49.52*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock Note: Includes compacted aggregate	212.38	
31 23 16 36-0011		**Relocating On Site Excavated Material From Excavation** *(31 23 16 36)* Note: For building foundations and other structures over 100'.		
31 23 16 36-0012	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300'	5.36	
		For Up To 20, Add	*5.36*	
		For >20 To 50, Add	*4.02*	
		For >50 To 250, Add	*2.14*	
		For >250 To 500, Add	*0.80*	
31 23 16 36-0013	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500'	8.04	
		For Up To 20, Add	*8.04*	
		For >20 To 50, Add	*6.03*	
		For >50 To 250, Add	*3.22*	
		For >250 To 500, Add	*1.21*	
31 23 16 36-0014	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000'	12.06	
		For Up To 20, Add	*12.06*	
		For >20 To 50, Add	*9.05*	
		For >50 To 250, Add	*4.82*	
		For >250 To 500, Add	*1.81*	
31 23 16 36-0015	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000'	16.08	
		For Up To 20, Add	*16.08*	
		For >20 To 50, Add	*12.06*	
		For >50 To 250, Add	*6.43*	
		For >250 To 500, Add	*2.41*	
31 23 16 36-0016		**Backfilling** *(31 23 16 36)* Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	4.39	
		For Up To 20, Add	*4.39*	
		For >20 To 50, Add	*3.29*	
		For >50 To 250, Add	*1.76*	
		For >250 To 500, Add	*0.66*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	5.38	
		For Up To 20, Add	*5.38*	
		For >20 To 50, Add	*4.04*	
		For >50 To 250, Add	*2.15*	
		For >250 To 500, Add	*0.81*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	58.96	
31 23 16 36-0020		**Compaction Of Fill Or Subbase** *(31 23 16 36)* Note: For building foundations and other structures.		
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	11.42	
		For Up To 20, Add	*11.42*	
		For >20 To 50, Add	*8.57*	
		For >50 To 250, Add	*4.57*	
		For >250 To 500, Add	*1.71*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	38.79	
31 23 16 36-0023		**Grading** *(31 23 16 36)* Note: For building foundations and other structures.		
31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	1.15	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.86	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	11.46	
31 23 16 36-0027		**Loading Excess Material For Removal From Excavation** *(31 23 16 36)* Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0037 for hauling.		
31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	6.14	
		For Up To 20, Add	*6.14*	
		For >20 To 50, Add	*4.61*	
		For >50 To 250, Add	*2.46*	
		For >250 To 500, Add	*0.92*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	90.79	
31 23 16 36-0030		**Spread Material** *(31 23 16 36)* Note: For building foundations and other structures.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0031	CY	Spread Excess Or Imported Material On Site By Machine	3.13	
		For Up To 20, Add	*3.13*	
		For >20 To 50, Add	*2.35*	
		For >50 To 250, Add	*1.25*	
		For >250 To 500, Add	*0.47*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material On Site By Hand	50.10	

31 23 19 Dewatering *(31 23)*

31 23 19 00-0001 Well Point Dewatering System *(31 23 19)*

31 23 19 00-0002 Delivery, Installation And Removal Cost *(31 23 19 00-0001)*

Note: Priced by linear foot of header used.

31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	125.18
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	68.85
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	62.59
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	56.33
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	50.07
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	43.81

31 23 19 00-0009 Well Point Dewatering System Rental *(31 23 19 00-0001)*

Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	1.85
		For >5 Days And <1 Month, Deduct	*-0.41*
		For >1 Month, Deduct	*-0.52*
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	1.08
		For >5 Days And <1 Month, Deduct	*-0.24*
		For >1 Month, Deduct	*-0.30*
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.77
		For >5 Days And <1 Month, Deduct	*-0.17*
		For >1 Month, Deduct	*-0.22*
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.57
		For >5 Days And <1 Month, Deduct	*-0.13*
		For >1 Month, Deduct	*-0.16*
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.52
		For >5 Days And <1 Month, Deduct	*-0.11*
		For >1 Month, Deduct	*-0.15*

31 23 19 00-0015 Well Point Dewatering System Operation Costs *(31 23 19 00-0001)*

Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR	Operation Costs	106.59

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001 Compaction Water, Water Truck And Operator *(31 23 23 23)*

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1303 for water truck when water is available on site.	207.64

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)*

Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*

31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	6.69
		For Up To 20, Add	*6.69*
		For >20 To 50, Add	*5.02*
		For >50 To 250, Add	*2.68*
		For >250 To 500, Add	*1.00*
		For >1,000, Deduct	*-1.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock Note: Includes compacted aggregate	8.30	
		For Up To 20, Add	*8.30*	
		For >20 To 50, Add	*6.23*	
		For >50 To 250, Add	*3.32*	
		For >250 To 500, Add	*1.25*	
		For >1,000, Deduct	*-1.25*	

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	6.35	
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	8.25	

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	6.20	
		For Up To 20, Add	*3.10*	
		For >20 To 50, Add	*1.55*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-1.24*	

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	12.06	
		For Up To 20, Add	*12.06*	
		For >20 To 50, Add	*9.05*	
		For >50 To 250, Add	*4.82*	
		For >250 To 500, Add	*1.81*	
		For >1,000, Deduct	*-1.81*	
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	16.08	
		For Up To 20, Add	*16.08*	
		For >20 To 50, Add	*12.06*	
		For >50 To 250, Add	*6.43*	
		For >250 To 500, Add	*2.41*	
		For >1,000, Deduct	*-2.41*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreadding material by hand.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	7.37	
		For Up To 20, Add	*7.37*	
		For >20 To 50, Add	*5.53*	
		For >50 To 250, Add	*2.95*	
		For >250 To 500, Add	*1.11*	
		For >1,000, Deduct	*-1.11*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.77	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.02	
31 24 13 00-0019	LF	Finish Grade For Curb	1.14	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.40	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.68	
		For Up To 250, Add	*0.68*	
		For >250 To 500, Add	*0.51*	
		For >500 To 1,000, Add	*0.27*	
		For >5,000, Deduct	*-0.10*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	5.89	
		For Up To 20, Add	*5.89*	
		For >20 To 50, Add	*4.42*	
		For >50 To 250, Add	*2.36*	
		For >250 To 500, Add	*0.88*	
		For >1,000, Deduct	*-0.88*	

31 25 Erosion and Sedimentation Controls *(31 20)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied		57.64	
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied		52.97	
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied		49.00	
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied		46.74	

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.		2.84	
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.		3.66	
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior		2.70	
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.		2.84	
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting		2.52	

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.		3.64	
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.		4.92	
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.		3.04	
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.		3.18	
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.		3.39	

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.		13.47	
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.		12.38	
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled		15.04	

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave		3.81	

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.		10.54	
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.		15.09	

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 25 14 23-0001 Sand Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0002	BAG	50 LB Capacity Sand Bag With Sand		6.33	2.61
		For >2,500 To 5,000, Deduct	*-0.52*		
		For >5,000, Deduct	*-1.15*		
31 25 14 23-0003	BAG	75 LB Capacity Sand Bag With Sand		8.20	3.24
		For >2,500 To 5,000, Deduct	*-0.65*		
		For >5,000, Deduct	*-1.47*		
31 25 14 23-0004	BAG	100 LB Capacity Sand Bag With Sand		10.36	3.88
		For >2,500 To 5,000, Deduct	*-0.78*		
		For >5,000, Deduct	*-1.81*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0005	BAG	125 LB Capacity Sand Bag With Sand	12.75	4.85
		For >2,500 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-2.24*	
31 25 14 23-0006	BAG	150 LB Capacity Sand Bag With Sand	15.52	5.81
		For >2,500 To 5,000, Deduct	*-1.16*	
		For >5,000, Deduct	*-2.71*	
31 25 14 23-0007	BAG	175 LB Capacity Sand Bag With Sand	18.11	6.61
		For >2,500 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-3.13*	
31 25 14 23-0008	BAG	2,000 LB Capacity Sand Bag With Sand	149.50	46.74
		For >2,500 To 5,000, Deduct	*-8.79*	
		For >5,000, Deduct	*-23.74*	
31 25 14 23-0009	BAG	3,000 LB Capacity Sand Bag With Sand	194.63	51.42
		For >2,500 To 5,000, Deduct	*-9.67*	
		For >5,000, Deduct	*-29.13*	

31 25 14 23-0010 Gravel Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0011	BAG	30 LB Capacity Gravel Bag With Gravel	6.24	1.74
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.97*	
31 25 14 23-0012	BAG	50 LB Capacity Gravel Bag With Gravel	11.15	2.61
		For >2,500 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-1.64*	

31 25 14 23-0013 Floating Turbidity Curtain *(31 25 14 23)*

Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.

31 25 14 23-0014	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	26.08	
		For Type 1, Deduct	*-4.04*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.46*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*2.99*	
31 25 14 23-0015	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	28.27	
		For Type 1, Deduct	*-4.45*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.71*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.29*	
31 25 14 23-0016	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	31.30	
		For Type 1, Deduct	*-5.04*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.72*	
31 25 14 23-0017	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	33.87	
		For Type 1, Deduct	*-5.52*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.36*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.08*	
31 25 14 23-0018	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	35.54	
		For Type 1, Deduct	*-5.79*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.53*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.28*	
31 25 14 23-0019	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	37.22	
		For Type 1, Deduct	*-6.06*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.69*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.48*	
31 25 14 23-0020	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	39.17	
		For Type 1, Deduct	*-6.39*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.89*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.72*	
31 25 14 23-0021	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	41.86	
		For Type 1, Deduct	*-6.87*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.18*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.08*	
31 25 14 23-0022	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	43.98	
		For Type 1, Deduct	*-7.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.40*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.34*	
31 25 14 23-0023	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	46.83	
		For Type 1, Deduct	*-7.73*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.71*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.72*	
31 25 14 23-0024	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	49.49	
		For Type 1, Deduct	*-8.19*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.99*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.06*	
31 25 14 23-0025	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	52.05	
		For Type 1, Deduct	*-8.62*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.25*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.37*	
31 25 14 23-0026	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	56.65	
		For Type 1, Deduct	*-9.51*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.79*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.03*	
31 25 14 23-0027	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	59.40	
		For Type 1, Deduct	*-9.97*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	62.08	
		For Type 1, Deduct	*-10.40*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.33*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.69*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	64.91	
		For Type 1, Deduct	*-10.86*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.03*	
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	67.67	
		For Type 1, Deduct	*-11.29*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.87*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.35*	

31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0032	EA	14 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	701.16	
31 25 14 23-0033	EA	25 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	961.19	
31 25 14 23-0034	EA	40 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,222.36	
31 25 14 23-0035	EA	65 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,598.50	

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	231.27
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	334.68
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	384.74

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	240.46
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	332.97

31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	37.17	
		For Up To 500, Add	*8.50*	
		For >500 To 1,000, Add	*4.78*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	42.26	
		For Up To 500, Add	*9.61*	
		For >500 To 1,000, Add	*5.38*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	48.14	
		For Up To 500, Add	*10.90*	
		For >500 To 1,000, Add	*6.09*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	54.19	
		For Up To 500, Add	*12.25*	
		For >500 To 1,000, Add	*6.83*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	39.57	
		For Up To 500, Add	*8.98*	
		For >500 To 1,000, Add	*5.02*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	45.13	
		For Up To 500, Add	*10.18*	
		For >500 To 1,000, Add	*5.67*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	51.54	
		For Up To 500, Add	*11.58*	
		For >500 To 1,000, Add	*6.43*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	58.08	
		For Up To 500, Add	*13.03*	
		For >500 To 1,000, Add	*7.22*	

31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	2.90
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	2.25
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	1.61
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	1.39

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	2.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	2.43	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	2.10	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	1.45	
31 25 14 26-0012		Silt Dike Barrier *(31 25 14 26-0001)*		
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	3.36	
31 25 14 26-0014		Silt Fences Removal *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	0.82	
31 25 14 26-0016		Hay And Straw Bales *(31 25 14 26)*		
		Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterlized Straw Bales	4.09	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018	LF	Place Hay Bales	3.86	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales	1.48	
		Note: Includes removal of stakes.		
31 25 14 26-0020		Sediment Logs (Degradable) *(31 25 14 26)*		
31 25 14 26-0021		Sediment Logs (Degradable) *(31 25 14 26-0020)*		
		Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	12" Sediment Log	7.61	
31 25 14 26-0023	LF	20" Sediment Log	10.06	
31 25 14 26-0024		Wattles (Degradable) With UV Stabilizied Synthetic Netting *(31 25 14 26-0020)*		
		Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0025	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	174.53	
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	169.21	
31 25 14 26-0027		Fiber Roll (CALTRANS Type 1) *(31 25 14 26)*		
		Note: Includes furrow trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0028	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	7.08	
		For >1,000 To 10,000, Deduct	*-0.75*	
		For >10,000, Deduct	*-1.27*	
31 25 14 26-0029	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	8.20	
		For >1,000 To 10,000, Deduct	*-0.78*	
		For >10,000, Deduct	*-1.34*	
31 25 14 26-0030	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	10.39	
		For >1,000 To 10,000, Deduct	*-0.94*	
		For >10,000, Deduct	*-1.60*	
31 25 14 26-0031		Fiber Roll (CALTRANS Type 2) *(31 25 14 26)*		
		Note: Includes 24" wood stakes at 2' on-center off-set on sides with ropes.		
31 25 14 26-0032	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	6.15	
		For >1,000 To 10,000, Deduct	*-0.61*	
		For >10,000, Deduct	*-1.04*	
31 25 14 26-0033	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	7.23	
		For >1,000 To 10,000, Deduct	*-0.64*	
		For >10,000, Deduct	*-1.09*	
31 25 14 26-0034	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	8.73	
		For >1,000 To 10,000, Deduct	*-0.69*	
		For >10,000, Deduct	*-1.19*	
31 25 14 26-0035		Inlet Protection Sediment Bags *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0036	EA	2' x 2' x 3' Inlet Protection Sediment Bag	58.95	
31 25 14 26-0037	EA	2' x 3' x 3' Inlet Protection Sediment Bag	74.60	
31 25 14 26-0038	EA	2' x 4' x 3' Inlet Protection Sediment Bag	92.88	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001		Commercial Use *(31 31 16 13)*		
31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.70	
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls	0.98	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 31 16 13-0004		Residential Use *(31 31 16 13)*		
31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	1.02	
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	1.11	
31 31 19		**Vegetation Control** *(31 31)*		
31 31 19 13		**Chemical Vegetation Control** *(31 31 19)*		
31 31 19 13-0001		Soil Sterilants *(31 31 19 13)*		
31 31 19 13-0002	MSF	Soil Sterilant	30.30	
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
		For >45 To 90, Deduct	*-0.44*	
		For >90 To 225, Deduct	*-2.39*	
		For >225, Deduct	*-3.27*	
31 32		Soil Stabilization *(31 30)*		
31 32 13		**Soil Mixing Stabilization** *(31 32)*		
31 32 13 16		**Cement Soil Stabilization** *(31 32 13)*		
31 32 13 16-0001		Cementitious Soil Binder *(31 32 13 16)*		
31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	36.67	
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	41.94	
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	50.63	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	59.18	
31 32 13 19		**Lime Soil Stabilization** *(31 32 13)*		
		Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.		
31 32 13 19-0001		Lime Slurry *(31 32 13 19)*		
31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	34.91	
31 32 13 19-0003	TON	Cement Stabilized Base Material	159.90	
31 32 13 19-0004	CWT	Lime For Soil Stabilization	26.45	
		Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	18.87	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	4.19	
31 32 13 19-0007		Lime Stabilized Subgrade *(31 32 13 19)*		
		Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).		
31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	14.33	
		For 4% Lime Instead Of 5%, Deduct	*-0.47*	
		For 6% Lime Instead Of 5%, Add	*0.47*	
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	16.61	
		For 4% Lime Instead Of 5%, Deduct	*-0.54*	
		For 6% Lime Instead Of 5%, Add	*0.54*	
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	18.95	
		For 4% Lime Instead Of 5%, Deduct	*-0.62*	
		For 6% Lime Instead Of 5%, Add	*0.62*	
31 32 13 29		**Liquid Soil Stabilization** *(31 32 13)*		
31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.53	
31 32 19		**Geosynthetic Soil Stabilization and Layer Separation** *(31 32)*		
31 32 19 13		**Geogrid Soil Stabilization** *(31 32 19)*		
31 32 19 13-0001		Geogrid Fabrics *(31 32 19 13)*		
		Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.		
31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.16	
		For Up To 50, Add	*1.13*	
		For >50 To 150, Add	*0.84*	
		For >150 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.28*	
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	5.90	
		For Up To 50, Add	*1.29*	
		For >50 To 150, Add	*0.96*	
		For >150 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	6.43	
		For Up To 50, Add	*1.40*	
		For >50 To 150, Add	*1.04*	
		For >150 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.34*	
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	9.27	
		For Up To 50, Add	*1.97*	
		For >50 To 150, Add	*1.47*	
		For >150 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.48*	
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	10.62	
		For Up To 50, Add	*2.25*	
		For >50 To 150, Add	*1.68*	
		For >150 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.55*	
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	5.24	
		For Up To 50, Add	*1.15*	
		For >50 To 150, Add	*0.85*	
		For >150 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.28*	
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	7.74	
		For Up To 50, Add	*1.66*	
		For >50 To 150, Add	*1.23*	
		For >150 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.41*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.60	
		For Up To 50, Add	*0.36*	
		For >50 To 150, Add	*0.27*	
		For >150 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.09*	
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.72	
		For Up To 50, Add	*0.38*	
		For >50 To 150, Add	*0.28*	
		For >150 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	1.86	
		For Up To 50, Add	*0.41*	
		For >50 To 150, Add	*0.31*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.01	
		For Up To 50, Add	*0.44*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.38	
		For Up To 50, Add	*0.52*	
		For >50 To 150, Add	*0.38*	
		For >150 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	2.78	
		For Up To 50, Add	*0.60*	
		For >50 To 150, Add	*0.45*	
		For >150 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.15*	
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.07	
		For Up To 50, Add	*0.66*	
		For >50 To 150, Add	*0.49*	
		For >150 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	3.79	
		For Up To 50, Add	*0.81*	
		For >50 To 150, Add	*0.60*	
		For >150 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.20*	
31 32 19 16-0010	SY	16 Ounce/SY, 175 Mil, 425 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	6.33	
		For Up To 50, Add	*1.31*	
		For >50 To 150, Add	*0.98*	
		For >150 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.32*	

31 32 19 16-0011 Woven Geotextiles Fabric *(31 32 19 16)*

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				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0012	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)		2.32	
		For Up To 50, Add		*0.50*	
		For >50 To 150, Add		*0.37*	
		For >150 To 250, Add		*0.25*	
		For >250 To 500, Add		*0.12*	
31 32 19 16-0013	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)		3.27	
		For Up To 50, Add		*0.69*	
		For >50 To 150, Add		*0.52*	
		For >150 To 250, Add		*0.34*	
		For >250 To 500, Add		*0.17*	
31 32 19 16-0014	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)		5.78	
		For Up To 50, Add		*1.20*	
		For >50 To 150, Add		*0.90*	
		For >150 To 250, Add		*0.59*	
		For >250 To 500, Add		*0.30*	
31 32 19 16-0015	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)		5.64	
		For Up To 50, Add		*1.18*	
		For >50 To 150, Add		*0.88*	
		For >150 To 250, Add		*0.58*	
		For >250 To 500, Add		*0.29*	
31 32 19 16-0016	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)		4.92	
		For Up To 50, Add		*1.03*	
		For >50 To 150, Add		*0.77*	
		For >150 To 250, Add		*0.51*	
		For >250 To 500, Add		*0.25*	
31 32 19 16-0017	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)		5.27	
		For Up To 50, Add		*1.10*	
		For >50 To 150, Add		*0.82*	
		For >150 To 250, Add		*0.54*	
		For >250 To 500, Add		*0.27*	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)		6.74	
		For Up To 50, Add		*1.40*	
		For >50 To 150, Add		*1.04*	
		For >150 To 250, Add		*0.69*	
		For >250 To 500, Add		*0.35*	
31 32 19 16-0019	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)		9.62	
		For Up To 50, Add		*1.97*	
		For >50 To 150, Add		*1.48*	
		For >150 To 250, Add		*0.98*	
		For >250 To 500, Add		*0.49*	

31 32 19 16-0020 Geomembranes *(31 32 19 16)*

31 32 19 16-0021 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0020)*

31 32 19 16-0022	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.33
31 32 19 16-0023	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.54
31 32 19 16-0024	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.87
31 32 19 16-0025	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.24
31 32 19 16-0026	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.57
31 32 19 16-0027	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.81
31 32 19 16-0028	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.04
31 32 19 16-0029	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.37
31 32 19 16-0030	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.68

31 32 19 16-0031 High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0020)*

31 32 19 16-0032	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	0.87
31 32 19 16-0033	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	0.90
31 32 19 16-0034	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.03
31 32 19 16-0035	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.59
31 32 19 16-0036	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.26
31 32 19 16-0037	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.52
31 32 19 16-0038	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	1.78
31 32 19 16-0039	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	3.09
31 32 19 16-0040	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	3.20

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	7.16	
		For >20,000, Deduct	*-0.18*	
		For >2:1 Slope, Add	*1.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	8.81	
		For >20,000, Deduct	*-0.27*	
		For >2:1 Slope, Add	*1.16*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	10.76	
		For >20,000, Deduct	*-0.36*	
		For >2:1 Slope, Add	*1.16*	

31 32 36 Soil Nailing *(31 32)*

31 32 36 11 Soil Nailing Stabilization *(31 32 36)*

31 32 36 11-0001 Landslide and Slip-Out Stabilization *(31 32 36 11)*

Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.

31 32 36 11-0002 BioWall® *(31 32 36 11-0001)*

Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0003	SF	BioWall® Construction	25.00

31 32 36 11-0004 Green Terra Mesh *(31 32 36 11-0001)*

Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0005	EA	Green Terra Mesh	635.25

31 32 36 11-0006 GeoSynthetically Confined Soil™ (GCS®) Components *(31 32 36 11-0001)*

Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2400 lbs/ft (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr (10 miles/hr). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or 3/4 in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front of th See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0007	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Construction Note: Installation sold per square face foot (excludes materials)	23.75
31 32 36 11-0008	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10'' x 120'')	108.50
31 32 36 11-0009	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8'' x 8'' x 16'')	6.50
31 32 36 11-0010	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile	0.75

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0011		Turf *(31 32 36 11-0001)*			
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).			
31 32 36 11-0012		Permanent Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*			
		Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxially oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.			
31 32 36 11-0013	SF	Permanent Turf Reinforcement Mat Note: sold per square face foot		1.50	
31 32 36 11-0014		Biodegradable Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*			
		Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.			
31 32 36 11-0015	SF	Biodegradable Turf Reinforcement Mat Note: sold per square face foot		0.75	
31 32 36 11-0016		Shotcrete or Gunite *(31 32 36 11-0001)*			
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).			
31 32 36 11-0017		Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*			
		Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying			
31 32 36 11-0018	SFI	Wet-Mix Reinforced Shotcrete Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).		5.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0019 Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and comply with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6

31 32 36 11-0020	SFI	Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	8.50

31 32 36 11-0021 Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

31 32 36 11-0022	SFI	Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area	1.25

31 32 36 11-0023 Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0024 Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0023)*

Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 11-0025	SF	High Capacity Diamond Mesh Note: sold per square face foot	11.00
31 32 36 11-0026	SF	Double Twist Wire Mesh Note: sold per square face foot	13.75

31 32 36 11-0027 Steel Plates *(31 32 36 11-0023)*

31 32 36 11-0028	EA	Galvanized Steel Plates (8x8)	35.00
31 32 36 11-0029	EA	Galvanized Steel Plates (10x10)	54.75
31 32 36 11-0030	EA	Galvanized Steel Plates (12x12)	78.75
31 32 36 11-0031	EA	Epoxy Coated Steel Plates (8x8)	76.00
31 32 36 11-0032	EA	Epoxy Coated Steel Plates (10x10)	89.25
31 32 36 11-0033	EA	Epoxy Coated Steel Plates (12x12)	105.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034		Drilled Horizontal Drains *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF	Drilled PVC Horizontal Drains (up to 2" Diameter)	26.00	
31 32 36 11-0036	LF	Stripdrain - 6" Wide	3.25	
31 32 36 11-0037	LF	Stripdrain - 12" Wide	4.00	
31 32 36 11-0038	LF	PVC Drain Collector Pipe System	26.75	
31 32 36 11-0039		Rockfall Stabilization *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF	Scaling	3.75	
31 32 36 11-0041	SF	Trim Blasting	155.00	
31 32 36 11-0042	SY	Slope Drape - Double Twist Wire Mesh	45.00	
31 32 36 11-0043	SY	Slope Drape - Cable Net	135.00	
31 32 36 11-0044	SY	Slope Drape - Tecco Mesh (4mm)	135.00	
31 32 36 11-0045	LF	Temporary Rockfall Barrier	500.00	
31 32 36 11-0046	LF	Low Reach Drilling (<25 feet)	25.00	
31 32 36 11-0047	LF	High Reach Drilling (>25 feet)	45.00	
31 32 36 11-0048	LF	Limited Access Drilling	100.00	
31 32 36 11-0049	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized)	18.50	
31 32 36 11-0050	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated)	15.25	
31 32 36 11-0051	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized)	23.25	
31 32 36 11-0052	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated)	17.25	
31 32 36 11-0053	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized)	23.50	
31 32 36 11-0054	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated)	18.75	
31 32 36 11-0055	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized)	26.50	
31 32 36 11-0056	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0057	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized)	29.25	
31 32 36 11-0058	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0059	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized)	34.50	
31 32 36 11-0060	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated)	31.75	
31 32 36 11-0061	EA	Rock Anchor Testing	825.00	
31 32 36 11-0062		Mobilization / Demobilization *(31 32 36 11-0001)*		
31 32 36 11-0063	EA	Mobilization - In State	10,000.00	
31 32 36 11-0064	EA	Mobilization - Out Of State	25,000.00	
31 32 36 11-0065	EA	Mobilization - Specialty Equipment Adder	9,800.00	
31 32 36 11-0066		Daily Crew Rates (DCR) *(31 32 36 11-0001)*		
31 32 36 11-0067	DAY	Soils Stabilization Crew - DCR , Per Workday	13,150.00	
31 32 36 11-0068	DAY	Rockfall Stabilization Crew - DCR, Per Workday	15,200.00	
31 32 36 11-0069	DAY	Compaction Grouting Crew - DCR, Per Workday	12,925.00	
31 32 36 11-0070	DAY	Additional Crew Member/Crew - DCR, Per Workday	2,050.00	
31 32 36 11-0071	EA	Out of State Crew Rotation	4,950.00	
31 32 36 11-0072	EA	Spider Excavation	5,500.00	
31 32 36 13		**Driven Soil Nailing** *(31 32 36)*		
31 32 36 13-0001		Large Diameter Micropiles *(31 32 36 13)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF	5" Micropiles (with up to 5.5" steel casing)	94.50	
31 32 36 13-0003	LF	7" Micropiles (with up to 7.625" steel casing)	130.25	
31 32 36 13-0004	LF	10" Micropiles (with up to 9.625" steel casing)	166.50	
31 32 36 13-0005	LF	12" Micropiles (with up to 11.875" steel casing)	213.25	
31 32 36 16		**Grouted Soil Nailing** *(31 32 36)*		
31 32 36 16-0001		Grouting *(31 32 36 16)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 16-0002 Compaction Grouting *(31 32 36 16-0001)*

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation	52.75
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification	55.50
31 32 36 16-0005	CF	Compaction Grout For Void Fill	39.00

31 32 36 16-0006 Polyurethane Grouting *(31 32 36 16-0001)*

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - lb/cf D 1622 3.0 lb/cf 6.0 lb/cf Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3 ft below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling	11.50

31 32 36 19 Corrosion-Protected Soil Nailing *(31 32 36)*

31 32 36 19-0001 Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 19)*

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002 Self-Drilling SuperNails® *(31 32 36 19-0001)*

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length	559.00
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length	939.25
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length	1,305.75
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length	1,735.75
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length	2,119.75
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length	2,459.25
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length	2,879.25
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length	3,253.50
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar	129.50

31 32 36 19-0012 SuperNail® Testing *(31 32 36 19)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 19-0013	EA	SuperNail® Proof Testing	769.00	
31 32 36 19-0014	EA	SuperNail® Verification Testing	2,339.75	

31 32 36 26 Launched Soil Nailing *(31 32 36)*

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) *(31 32 36 26)*

Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90° about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length.	605.00	
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20' Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	621.50	
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	478.50	
31 32 36 26-0005	EA	Temporary Launched Soil Nail Note: bare steel tube up to 20 ft. length.	379.50	
31 32 36 26-0006	EA	Fiberglass SuperDrain™ Note: perforated fiberglass tube up to 20 ft. length.	495.00	
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™ Note: perforated GalvaDized™ steel tube up to 20 ft. length.	379.50	

31 32 36 29 Drilled Soil Nailing *(31 32 36)*

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) *(31 32 36 29)*

Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	602.25	
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	693.50	
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	921.50	
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,056.00	
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,171.50	
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,376.50	
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,624.75	
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,872.75	

31 32 36 33 Drilled / Launched Soil Nailing *(31 32 36)*

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ *(31 32 36 33)*

Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	695.00	
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,020.00	
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,280.00	
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,540.00	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)		4.94

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection		66.92
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection		78.99
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection		95.27
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection		112.55
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection		132.16
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection		180.89
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection		228.62

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap		60.50
		For Chinking Material, Add	*14.27*	
31 37 13 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap		69.72
		For Chinking Material, Add	*14.27*	
31 37 13 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap		74.06
		For Chinking Material, Add	*14.27*	
31 37 13 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap		79.00
		For Chinking Material, Add	*14.27*	
31 37 13 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap		82.98
		For Chinking Material, Add	*14.27*	
31 37 13 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap		89.49
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap		107.43
31 37 13 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap		40.37
31 37 13 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap		46.22
31 37 13 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap		48.98
31 37 13 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap		52.11
31 37 13 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap		54.64
31 37 13 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap		58.83
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap		72.98
31 37 13 00-0016	TON	Spread Of Rip Rap By Machine Note: Excludes material		15.37
31 37 13 00-0017	TON	Key Rip Rap Note: Excludes material.		115.25
31 37 13 00-0018	CY	Grout For Rip Rap		195.50
31 37 13 00-0019	TON	Additional Cost For Placement Of Rip-Rap By Barge Instead Of Truck		136.89

31 40 Shoring and Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage		14.21
		For Wood Sheeting Left In Place	*0.57*	
31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage		15.28
		For Wood Sheeting Left In Place	*0.42*	
31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage		16.47
		For Wood Sheeting Left In Place	*0.27*	
31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage		17.74
		For Wood Sheeting Left In Place	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	19.12	
		For Wood Sheeting Left In Place	*-0.13*	
31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	20.60	
		For Wood Sheeting Left In Place	*-0.39*	
31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	22.24	
		For Wood Sheeting Left In Place	*-0.65*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,920.60	
		For Standard Sheeting Left In Place, Add	*1,226.54*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,183.66*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	
31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,995.19	
		For Standard Sheeting Left In Place, Add	*1,189.24*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,146.37*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	
31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,342.01	
		For Standard Sheeting Left In Place, Add	*1,015.83*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*972.96*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	
31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,675.72	
		For Standard Sheeting Left In Place, Add	*848.98*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*806.10*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	
31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,872.04	
		For Standard Sheeting Left In Place, Add	*750.82*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*707.94*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	
31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,072.27	
		For Standard Sheeting Left In Place, Add	*650.70*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*607.83*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.48*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.20*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*332.31*	
		For Each Additional Month >3 Months, Add	*53.60*	

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	15.25	

31 50 Excavation Support and Protection *(31)*

31 52 Cofferdams *(31 50)*

31 52 21 Portable Cofferdams *(31 52)*

31 52 21 00-0001 Portable Cofferdams *(31 52 21)*

Note: Excludes dewatering and pumps.

31 52 21 00-0002 Portable Cofferdam Rental *(31 52 21 00-0001)*

Note: Excludes delivery and installation.

31 52 21 00-0003	LF	3' High x 7' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	46.46	
31 52 21 00-0004	LF	4' High x 9' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	59.47	
31 52 21 00-0005	LF	5' High x 11' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	83.62	
31 52 21 00-0006	LF	6' High x 13' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	107.78	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 52 21 00-0007	LF	8' High x 17' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	139.37	
31 52 21 00-0008	LF	10' High x 21' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	278.74	
31 52 21 00-0009	LF	12' High x 25' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	390.24	
31 52 21 00-0010	LF	16' High x 33' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	551.92	
31 52 21 00-0011		Portable Cofferdam Delivery And Set-up *(31 52 21 00-0001)* Note: Excludes crane usage where required. See CSI section 01 22 23 00-0840 for crane lifting equipment.		
31 52 21 00-0012	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	10.32	
31 52 21 00-0013	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	16.51	
31 52 21 00-0014	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	24.76	
31 52 21 00-0015	LF	16' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	33.02	
31 52 21 00-0016	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	6.19	
31 52 21 00-0017	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	10.32	
31 52 21 00-0018	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	16.51	
31 52 21 00-0019	LF	16' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	22.70	
31 52 21 00-0020		Portable Cofferdam Repositioning *(31 52 21 00-0001)*		
31 52 21 00-0021	LF	Up To 5' High, Portable Cofferdam, Repositioning	5.16	
31 52 21 00-0022	LF	6' To 8' High, Portable Cofferdam, Repositioning	8.25	
31 52 21 00-0023	LF	10' To 12' High, Portable Cofferdam, Repositioning	12.39	
31 52 21 00-0024	LF	16' High, Portable Cofferdam, Repositioning	16.51	

31 60 Special Foundations and Load-bearing Elements *(31)*

31 62 Driven Piles *(31 60)*

31 62 13 Concrete Piles *(31 62)*

31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

31 62 13 23-0001		Square Prestressed Driven Concrete Piles *(31 62 13 23)*		
31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile	31.40	
		For Piles Driven In Water, Add	*14.44*	
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile	39.64	
		For Piles Driven In Water, Add	*16.31*	
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile	48.29	
		For Piles Driven In Water, Add	*18.00*	
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile	59.43	
		For Piles Driven In Water, Add	*20.05*	
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile	72.42	
		For Piles Driven In Water, Add	*22.43*	
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile	83.93	
		For Piles Driven In Water, Add	*24.85*	
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile	107.48	
		For Piles Driven In Water, Add	*28.71*	
31 62 13 23-0009		Octagonal Prestressed Driven Concrete Piles *(31 62 13 23)*		
31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile	35.41	
		For Piles Driven In Water, Add	*15.16*	
31 62 13 23-0011	VLF	14" Octagonal Prestressed Driven Concrete Pile	43.72	
		For Piles Driven In Water, Add	*16.72*	
31 62 13 23-0012	VLF	16" Octagonal Prestressed Driven Concrete Pile	52.13	
		For Piles Driven In Water, Add	*18.38*	
31 62 13 23-0013	VLF	18" Octagonal Prestressed Driven Concrete Pile	62.54	
		For Piles Driven In Water, Add	*20.36*	
31 62 13 23-0014	VLF	20" Octagonal Prestressed Driven Concrete Pile	66.55	
		For Piles Driven In Water, Add	*21.85*	
31 62 13 23-0015	VLF	24" Octagonal Prestressed Driven Concrete Pile	70.78	
		For Piles Driven In Water, Add	*23.54*	
31 62 13 23-0016		Straight Cylinder Prestressed Driven Concrete Piles *(31 62 13 23)*		
31 62 13 23-0017	VLF	12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile	51.61	
		For Piles Driven In Water, Add	*16.13*	
31 62 13 23-0018	VLF	14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	61.34	
		For Piles Driven In Water, Add	*17.75*	
31 62 13 23-0019	VLF	16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile	72.85	
		For Piles Driven In Water, Add	*19.63*	
31 62 13 23-0020	VLF	18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	82.52	
		For Piles Driven In Water, Add	*21.42*	
31 62 13 23-0021	VLF	20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile	104.00	
		For Piles Driven In Water, Add	*24.50*	
31 62 13 23-0022	VLF	24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile	128.82	
		For Piles Driven In Water, Add	*28.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 16		**Steel Piles** *(31 62)*		
31 62 16 16		**Steel H Piles** *(31 62 16)*		
31 62 16 16-0001		Rolled, Driven Steel H Piles *(31 62 16 16)*		
31 62 16 16-0002	VLF	8" x 8" x 36 LB/FT, Rolled, Driven Steel H Pile	32.17	
		For Piles Driven In Water, Add	*15.57*	
31 62 16 16-0003	VLF	10" x 10" x 42 LB/FT, Rolled, Driven Steel H Pile	35.93	
		For Piles Driven In Water, Add	*16.55*	
31 62 16 16-0004	VLF	10" x 10" x 57 LB/FT, Rolled, Driven Steel H Pile	43.61	
		For Piles Driven In Water, Add	*17.32*	
31 62 16 16-0005	VLF	12" x 12" x 53 LB/FT, Rolled, Driven Steel H Pile	41.98	
		For Piles Driven In Water, Add	*17.54*	
31 62 16 16-0006	VLF	12" x 12" x 63 LB/FT, Rolled, Driven Steel H Pile	47.11	
		For Piles Driven In Water, Add	*18.05*	
31 62 16 16-0007	VLF	12" x 12" x 74 LB/FT, Rolled, Driven Steel H Pile	54.00	
		For Piles Driven In Water, Add	*19.86*	
31 62 16 16-0008	VLF	12" x 12" x 84 LB/FT, Rolled, Driven Steel H Pile	59.12	
		For Piles Driven In Water, Add	*20.38*	
31 62 16 16-0009	VLF	14" x 14" x 73 LB/FT, Rolled, Driven Steel H Pile	53.87	
		For Piles Driven In Water, Add	*20.20*	
31 62 16 16-0010	VLF	14" x 14" x 89 LB/FT, Rolled, Driven Steel H Pile	62.59	
		For Piles Driven In Water, Add	*21.07*	
31 62 16 16-0011	VLF	14" x 14" x 102 LB/FT, Rolled, Driven Steel H Pile	70.11	
		For Piles Driven In Water, Add	*23.06*	
31 62 16 16-0012	VLF	14" x 14" x 117 LB/FT, Rolled, Driven Steel H Pile	78.31	
		For Piles Driven In Water, Add	*23.88*	
31 62 16 16-0013		Splices, Caps, And Points For H-Piles *(31 62 16 16)*		
31 62 16 16-0014		Rolled Steel H Pile Splices *(31 62 16 16-0013)*		
31 62 16 16-0015	EA	8" Rolled Steel H Pile Splice	294.31	
31 62 16 16-0016	EA	10" Rolled Steel H Pile Splice	330.71	
31 62 16 16-0017	EA	12" Rolled Steel H Pile Splice	452.73	
31 62 16 16-0018	EA	14" Rolled Steel H Pile Splice	470.93	
31 62 16 16-0019		Rolled Steel H Driving Caps *(31 62 16 16-0013)*		
31 62 16 16-0020	EA	8" Rolled Steel H Driving Cap	3,023.02	
31 62 16 16-0021	EA	10" Rolled Steel H Driving Cap	3,023.02	
31 62 16 16-0022	EA	12" Rolled Steel H Driving Cap	3,077.51	
31 62 16 16-0023	EA	14" Rolled Steel H Driving Cap	4,624.66	
31 62 16 16-0024		Rolled Steel H Standard Pile Points *(31 62 16 16-0013)*		
31 62 16 16-0025	EA	8" Rolled Steel H Standard Pile Point	312.51	
31 62 16 16-0026	EA	10" Rolled Steel H Standard Pile Point	330.71	
31 62 16 16-0027	EA	12" Rolled Steel H Standard Pile Point	452.73	
31 62 16 16-0028	EA	14" Rolled Steel H Standard Pile Point	507.34	
31 62 16 16-0029	EA	10" Rolled Steel H Standard Pile Point	452.73	
31 62 16 16-0030	EA	14" Rolled Steel H Standard Pile Point	542.59	
31 62 16 19		**Unfilled Tubular Steel Piles** *(31 62 16)*		
31 62 16 19-0001		Unfilled Tubular Driven Steel Piles *(31 62 16 19)*		
31 62 16 19-0002	VLF	8" Diameter x 29 LB/FT, Unfilled Tubular Driven Steel Pile	51.49	
		For Piles Driven In Water, Add	*20.94*	
31 62 16 19-0003	VLF	8" Diameter x 36 LB/FT, Unfilled Tubular Driven Steel Pile	59.97	
		For Piles Driven In Water, Add	*21.79*	
31 62 16 19-0004	VLF	8" Diameter x 43 LB/FT, Unfilled Tubular Driven Steel Pile	69.14	
		For Piles Driven In Water, Add	*22.71*	
31 62 16 19-0005	VLF	10" Diameter x 34 LB/FT, Unfilled Tubular Driven Steel Pile	59.97	
		For Piles Driven In Water, Add	*21.79*	
31 62 16 19-0006	VLF	10" Diameter x 41 LB/FT, Unfilled Tubular Driven Steel Pile	68.04	
		For Piles Driven In Water, Add	*22.60*	
31 62 16 19-0007	VLF	10" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	85.85	
		For Piles Driven In Water, Add	*24.38*	
31 62 16 19-0008	VLF	12" Diameter x 42 LB/FT, Unfilled Tubular Driven Steel Pile	70.90	
		For Piles Driven In Water, Add	*23.72*	
31 62 16 19-0009	VLF	12" Diameter x 50 LB/FT, Unfilled Tubular Driven Steel Pile	80.33	
		For Piles Driven In Water, Add	*24.67*	
31 62 16 19-0010	VLF	12" Diameter x 54 LB/FT, Unfilled Tubular Driven Steel Pile	85.58	
		For Piles Driven In Water, Add	*25.19*	
31 62 16 19-0011	VLF	12" Diameter x 65 LB/FT, Unfilled Tubular Driven Steel Pile	100.25	
		For Piles Driven In Water, Add	*26.66*	
31 62 16 19-0012	VLF	14" Diameter x 46 LB/FT, Unfilled Tubular Driven Steel Pile	76.60	
		For Piles Driven In Water, Add	*26.03*	
31 62 16 19-0013	VLF	14" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	87.28	
		For Piles Driven In Water, Add	*27.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 16 19-0014	VLF	14" Diameter x 64 LB/FT, Unfilled Tubular Driven Steel Pile	97.95	
		For Piles Driven In Water, Add	*28.16*	
31 62 16 19-0015	VLF	14" Diameter x 72 LB/FT, Unfilled Tubular Driven Steel Pile	108.63	
		For Piles Driven In Water, Add	*29.23*	
31 62 16 19-0016	VLF	16" Diameter x 52 LB/FT, Unfilled Tubular Driven Steel Pile	85.21	
		For Piles Driven In Water, Add	*29.04*	
31 62 16 19-0017	VLF	16" Diameter x 63 LB/FT, Unfilled Tubular Driven Steel Pile	97.69	
		For Piles Driven In Water, Add	*30.29*	
31 62 16 19-0018	VLF	16" Diameter x 83 LB/FT, Unfilled Tubular Driven Steel Pile	122.03	
		For Piles Driven In Water, Add	*32.72*	
31 62 16 19-0019	VLF	18" Diameter x 59 LB/FT, Unfilled Tubular Driven Steel Pile	105.81	
		For Piles Driven In Water, Add	*32.84*	
31 62 16 19-0020	VLF	18" Diameter x 71 LB/FT, Unfilled Tubular Driven Steel Pile	122.02	
		For Piles Driven In Water, Add	*34.46*	
31 62 16 19-0021	VLF	18" Diameter x 93 LB/FT, Unfilled Tubular Driven Steel Pile	152.83	
		For Piles Driven In Water, Add	*37.54*	

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

31 62 16 19-0024	EA	8" Diameter, Steel Pipe Pile Splice	292.41
31 62 16 19-0025	EA	10" Diameter, Steel Pipe Pile Splice	318.14
31 62 16 19-0026	EA	12" Diameter, Steel Pipe Pile Splice	409.95
31 62 16 19-0027	EA	14" Diameter, Steel Pipe Pile Splice	435.33
31 62 16 19-0028	EA	16" Diameter, Steel Pipe Pile Splice	531.61
31 62 16 19-0029	EA	18" Diameter, Steel Pipe Pile Splice	647.22

31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

31 62 16 19-0031	EA	8" Diameter, Steel Pipe Standard Pile Point	282.64
31 62 16 19-0032	EA	10" Diameter, Steel Pipe Standard Pile Point	303.26
31 62 16 19-0033	EA	12" Diameter, Steel Pipe Standard Pile Point	345.17
31 62 16 19-0034	EA	14" Diameter, Steel Pipe Standard Pile Point	401.85
31 62 16 19-0035	EA	16" Diameter, Steel Pipe Standard Pile Point	453.37
31 62 16 19-0036	EA	18" Diameter, Steel Pipe Standard Pile Point	521.48

31 62 16 19-0037 Steel Pipe Heavy Duty Pile Points *(31 62 16 19-0022)*

31 62 16 19-0038	EA	10" Diameter, Steel Pipe Heavy Duty Pile Point	409.25
31 62 16 19-0039	EA	12" Diameter, Steel Pipe Heavy Duty Pile Point	435.01
31 62 16 19-0040	EA	14" Diameter, Steel Pipe Heavy Duty Pile Point	490.40
31 62 16 19-0041	EA	16" Diameter, Steel Pipe Heavy Duty Pile Point	593.46
31 62 16 19-0042	EA	18" Diameter, Steel Pipe Heavy Duty Pile Point	678.66

31 62 19 Timber Piles *(31 62)*

31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 LB Penta-treated/CF.

31 62 19 00-0002	LF	Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	41.94
		For Piles Driven In Water, Add	*15.17*
		For Untreated Pile, Deduct	*-11.01*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*
31 62 19 00-0003	LF	>30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	43.80
		For Piles Driven In Water, Add	*16.73*
		For Untreated Pile, Deduct	*-11.13*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*
31 62 19 00-0004	LF	39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	46.08
		For Piles Driven In Water, Add	*17.78*
		For Untreated Pile, Deduct	*-11.64*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*
31 62 19 00-0005	LF	>49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	49.32
		For Piles Driven In Water, Add	*19.75*
		For Untreated Pile, Deduct	*-12.16*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*
31 62 19 00-0006	LF	>59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	62.26
		For Piles Driven In Water, Add	*22.69*
		For Untreated Pile, Deduct	*-16.27*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*

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	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0007	LF >69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	78.18	
	For Piles Driven In Water, Add	*27.57*	
	For Untreated Pile, Deduct	*-20.81*	
	For Each Pile Tip Point, Add	*12.50*	
	For Each Pile Butt, Driving Cap, Add	*20.10*	
	For Each Splice For Pile >50', Add	*139.40*	

31 62 23 Composite Piles *(31 62)*

31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002	VLF 8" Diameter x 29 LB/FT, Concrete-Filled Driven Steel Pipe Pile	54.98	
	For 5,000 PSI Concrete Grout Fill, Add	*6.21*	
	For Piles Driven In Water, Add	*22.68*	
31 62 23 13-0003	VLF 8" Diameter x 36 LB/FT, Concrete-Filled Driven Steel Pipe Pile	63.46	
	For 5,000 PSI Concrete Grout Fill, Add	*7.06*	
	For Piles Driven In Water, Add	*23.53*	
31 62 23 13-0004	VLF 8" Diameter x 43 LB/FT, Concrete-Filled Driven Steel Pipe Pile	72.62	
	For 5,000 PSI Concrete Grout Fill, Add	*7.97*	
	For Piles Driven In Water, Add	*24.44*	
31 62 23 13-0005	VLF 10" Diameter x 34 LB/FT, Concrete-Filled Driven Steel Pipe Pile	65.03	
	For 5,000 PSI Concrete Grout Fill, Add	*8.64*	
	For Piles Driven In Water, Add	*24.06*	
31 62 23 13-0006	VLF 10" Diameter x 41 LB/FT, Concrete-Filled Driven Steel Pipe Pile	73.09	
	For 5,000 PSI Concrete Grout Fill, Add	*9.45*	
	For Piles Driven In Water, Add	*24.87*	
31 62 23 13-0007	VLF 10" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile	90.91	
	For 5,000 PSI Concrete Grout Fill, Add	*11.23*	
	For Piles Driven In Water, Add	*26.65*	
31 62 23 13-0008	VLF 12" Diameter x 42 LB/FT, Concrete-Filled Driven Steel Pipe Pile	78.00	
	For 5,000 PSI Concrete Grout Fill, Add	*11.57*	
	For Piles Driven In Water, Add	*26.84*	
31 62 23 13-0009	VLF 12" Diameter x 50 LB/FT, Concrete-Filled Driven Steel Pipe Pile	87.44	
	For 5,000 PSI Concrete Grout Fill, Add	*12.52*	
	For Piles Driven In Water, Add	*27.79*	
31 62 23 13-0010	VLF 12" Diameter x 54 LB/FT, Concrete-Filled Driven Steel Pipe Pile	92.68	
	For 5,000 PSI Concrete Grout Fill, Add	*13.04*	
	For Piles Driven In Water, Add	*28.31*	
31 62 23 13-0011	VLF 12" Diameter x 65 LB/FT, Concrete-Filled Driven Steel Pipe Pile	107.35	
	For 5,000 PSI Concrete Grout Fill, Add	*14.51*	
	For Piles Driven In Water, Add	*29.78*	
31 62 23 13-0012	VLF 14" Diameter x 46 LB/FT, Concrete-Filled Driven Steel Pipe Pile	86.19	
	For 5,000 PSI Concrete Grout Fill, Add	*14.15*	
	For Piles Driven In Water, Add	*30.88*	
31 62 23 13-0013	VLF 14" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile	96.87	
	For 5,000 PSI Concrete Grout Fill, Add	*15.21*	
	For Piles Driven In Water, Add	*31.94*	
31 62 23 13-0014	VLF 14" Diameter x 64 LB/FT, Concrete-Filled Driven Steel Pipe Pile	107.54	
	For 5,000 PSI Concrete Grout Fill, Add	*16.28*	
	For Piles Driven In Water, Add	*33.01*	
31 62 23 13-0015	VLF 14" Diameter x 72 LB/FT, Concrete-Filled Driven Steel Pipe Pile	118.22	
	For 5,000 PSI Concrete Grout Fill, Add	*17.35*	
	For Piles Driven In Water, Add	*34.08*	
31 62 23 13-0016	VLF 16" Diameter x 52 LB/FT, Concrete-Filled Driven Steel Pipe Pile	95.59	
	For 5,000 PSI Concrete Grout Fill, Add	*17.40*	
	For Piles Driven In Water, Add	*33.15*	
31 62 23 13-0017	VLF 16" Diameter x 63 LB/FT, Concrete-Filled Driven Steel Pipe Pile	108.07	
	For 5,000 PSI Concrete Grout Fill, Add	*18.65*	
	For Piles Driven In Water, Add	*34.40*	
31 62 23 13-0018	VLF 16" Diameter x 83 LB/FT, Concrete-Filled Driven Steel Pipe Pile	132.41	
	For 5,000 PSI Concrete Grout Fill, Add	*21.08*	
	For Piles Driven In Water, Add	*36.83*	
31 62 23 13-0019	VLF 18" Diameter x 59 LB/FT, Concrete-Filled Driven Steel Pipe Pile	118.30	
	For 5,000 PSI Concrete Grout Fill, Add	*22.26*	
	For Piles Driven In Water, Add	*37.32*	
31 62 23 13-0020	VLF 18" Diameter x 71 LB/FT, Concrete-Filled Driven Steel Pipe Pile	134.51	
	For 5,000 PSI Concrete Grout Fill, Add	*23.88*	
	For Piles Driven In Water, Add	*38.94*	
31 62 23 13-0021	VLF 18" Diameter x 93 LB/FT, Concrete-Filled Driven Steel Pipe Pile	165.32	
	For 5,000 PSI Concrete Grout Fill, Add	*26.96*	
	For Piles Driven In Water, Add	*42.02*	

31 62 23 13-0022 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0023	VLF 12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	73.06	
	For Piles Driven In Water, Add	*20.47*	
31 62 23 13-0024	VLF 14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	89.05	
	For Piles Driven In Water, Add	*23.01*	
31 62 23 13-0025	VLF 16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	100.97	
	For Piles Driven In Water, Add	*25.29*	
31 62 23 13-0026	VLF 18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	109.85	
	For Piles Driven In Water, Add	*27.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 62 23 13-0027 Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*
Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0028	VLF	12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	71.62	
		For Piles Driven In Water, Add	*20.33*	
31 62 23 13-0029	VLF	14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	73.38	
		For Piles Driven In Water, Add	*21.44*	
31 62 23 13-0030	VLF	16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	89.99	
		For Piles Driven In Water, Add	*24.19*	
31 62 23 13-0031	VLF	18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	104.05	
		For Piles Driven In Water, Add	*26.87*	

31 62 23 13-0032 Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)*

31 62 23 13-0033	VLF	8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	42.37	
		For Piles Driven In Water, Add	*15.34*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0034	VLF	10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	46.76	
		For Piles Driven In Water, Add	*17.02*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0035	VLF	12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	51.10	
		For Piles Driven In Water, Add	*18.69*	
		For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0036	VLF	14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	55.49	
		For Piles Driven In Water, Add	*20.36*	
		For Thick Wall Shell, Add	*0.10*	
31 62 23 13-0037	VLF	16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	59.88	
		For Piles Driven In Water, Add	*22.04*	
		For Thick Wall Shell, Add	*0.11*	

31 63 Bored Piles *(31 60)*

31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*
Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

31 63 36 00-0003	EA	>12" To 24" Diameter Hole, Drilling Mobilization	939.87
31 63 36 00-0004	EA	>24" Diameter Hole, Drilling Mobilization	1,253.15

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

31 63 36 00-0006	LF	18" Diameter, Up To 24' Depth, Drilled/Augered Hole	51.72
31 63 36 00-0007	LF	20" Diameter, Up To 24' Depth, Drilled/Augered Hole	60.14
31 63 36 00-0008	LF	22" Diameter, Up To 24' Depth, Drilled/Augered Hole	70.66
31 63 36 00-0009	LF	24" Diameter, Up To 24' Depth, Drilled/Augered Hole	83.29
31 63 36 00-0010	LF	26" Diameter, Up To 24' Depth, Drilled/Augered Hole	90.03
31 63 36 00-0011	LF	28" Diameter, Up To 24' Depth, Drilled/Augered Hole	99.04
31 63 36 00-0012	LF	30" Diameter, Up To 24' Depth, Drilled/Augered Hole	108.49

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*
Note: Includes guides, bracing and alignment.

31 63 36 00-0015	VLF	8" x 8" x 36 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	30.61	
		For >2,400 To 3,600, Deduct		*-1.07*
		For >3,600 To 4,800, Deduct		*-2.14*
		For >4,800 To 6,000, Deduct		*-3.67*
		For >6,000, Deduct		*-5.20*
31 63 36 00-0016	VLF	10" x 10" x 42 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	34.30	
		For >2,400 To 3,600, Deduct		*-1.18*
		For >3,600 To 4,800, Deduct		*-2.35*
		For >4,800 To 6,000, Deduct		*-4.07*
		For >6,000, Deduct		*-5.78*
31 63 36 00-0017	VLF	10" x 10" x 57 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	41.98	
		For >2,400 To 3,600, Deduct		*-1.37*
		For >3,600 To 4,800, Deduct		*-2.74*
		For >4,800 To 6,000, Deduct		*-4.84*
		For >6,000, Deduct		*-6.94*
31 63 36 00-0018	VLF	12" x 12" x 53 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	40.30	
		For >2,400 To 3,600, Deduct		*-1.34*
		For >3,600 To 4,800, Deduct		*-2.67*
		For >4,800 To 6,000, Deduct		*-4.69*
		For >6,000, Deduct		*-6.70*
31 63 36 00-0019	VLF	12" x 12" x 63 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	45.43	
		For >2,400 To 3,600, Deduct		*-1.46*
		For >3,600 To 4,800, Deduct		*-2.93*
		For >4,800 To 6,000, Deduct		*-5.20*
		For >6,000, Deduct		*-7.47*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0020	VLF	12" x 12" x 74 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	52.17	
		For >2,400 To 3,600, Deduct	*-1.66*	
		For >3,600 To 4,800, Deduct	*-3.32*	
		For >4,800 To 6,000, Deduct	*-5.93*	
		For >6,000, Deduct	*-8.54*	
31 63 36 00-0021	VLF	12" x 12" x 84 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	57.29	
		For >2,400 To 3,600, Deduct	*-1.79*	
		For >3,600 To 4,800, Deduct	*-3.58*	
		For >4,800 To 6,000, Deduct	*-6.44*	
		For >6,000, Deduct	*-9.31*	
31 63 36 00-0022	VLF	14" x 14" x 73 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	52.00	
		For >2,400 To 3,600, Deduct	*-1.66*	
		For >3,600 To 4,800, Deduct	*-3.33*	
		For >4,800 To 6,000, Deduct	*-5.93*	
		For >6,000, Deduct	*-8.53*	
31 63 36 00-0023	VLF	14" x 14" x 89 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	60.72	
		For >2,400 To 3,600, Deduct	*-1.88*	
		For >3,600 To 4,800, Deduct	*-3.77*	
		For >4,800 To 6,000, Deduct	*-6.80*	
		For >6,000, Deduct	*-9.84*	
31 63 36 00-0024	VLF	14" x 14" x 102 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	68.09	
		For >2,400 To 3,600, Deduct	*-2.10*	
		For >3,600 To 4,800, Deduct	*-4.20*	
		For >4,800 To 6,000, Deduct	*-7.60*	
		For >6,000, Deduct	*-11.00*	
31 63 36 00-0025	VLF	14" x 14" x 117 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	76.29	
		For >2,400 To 3,600, Deduct	*-2.30*	
		For >3,600 To 4,800, Deduct	*-4.61*	
		For >4,800 To 6,000, Deduct	*-8.42*	
		For >6,000, Deduct	*-12.23*	

31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

31 63 36 00-0027	EA	5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	12.55	
		For >50 To 150, Deduct	*-0.57*	
		For >150 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.36*	
31 63 36 00-0028	EA	5/8" Diameter x 5" Long, Welded Steel Stud Pins	13.78	
		For >50 To 150, Deduct	*-0.57*	
		For >150 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.45*	
31 63 36 00-0029	EA	5/8" Diameter x 7" Long, Welded Steel Stud Pins	14.96	
		For >50 To 150, Deduct	*-0.57*	
		For >150 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.54*	
31 63 36 00-0030	EA	3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins	13.85	
		For >50 To 150, Deduct	*-0.60*	
		For >150 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.53*	
31 63 36 00-0031	EA	3/4" Diameter x 5" Long, Welded Steel Stud Pins	15.70	
		For >50 To 150, Deduct	*-0.60*	
		For >150 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.67*	
31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	16.99	
		For >50 To 150, Deduct	*-0.60*	
		For >150 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.76*	
31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	15.43	
		For >50 To 150, Deduct	*-0.62*	
		For >150 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.71*	
31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	18.45	
		For >50 To 150, Deduct	*-0.62*	
		For >150 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-2.94*	
31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	19.93	
		For >50 To 150, Deduct	*-0.62*	
		For >150 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.05*	

31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	40.09	
31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	44.54	
31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	48.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	53.46	
31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	57.90	
31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	62.35	
31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	73.34	

31 64 Caissons *(31 60)*

31 64 13 Box Caissons *(31 64)*

31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*
Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*
Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water	55.35	
		Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*5.36*	
		For >100' To 150' Deep, Add	*13.84*	
		For >150' To 200' Deep, Add	*18.47*	
		For Right Angle Drilling, Add	*14.72*	
31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water	69.25	
		Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*7.34*	
		For >100' To 150' Deep, Add	*17.31*	
		For >150' To 200' Deep, Add	*23.89*	
		For Right Angle Drilling, Add	*16.46*	
31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water	97.89	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*10.82*	
		For >100' To 150' Deep, Add	*24.47*	
		For >150' To 200' Deep, Add	*34.33*	
		For Right Angle Drilling, Add	*21.85*	
31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water	129.31	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*14.76*	
		For >100' To 150' Deep, Add	*32.33*	
		For >150' To 200' Deep, Add	*45.93*	
		For Right Angle Drilling, Add	*27.42*	
31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water	165.57	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*19.59*	
		For >100' To 150' Deep, Add	*41.39*	
		For >150' To 200' Deep, Add	*59.67*	
		For Right Angle Drilling, Add	*32.94*	
31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water	198.72	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*23.93*	
		For >100' To 150' Deep, Add	*49.68*	
		For >150' To 200' Deep, Add	*72.15*	
		For Right Angle Drilling, Add	*38.23*	
31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water	239.69	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*29.75*	
		For >100' To 150' Deep, Add	*59.92*	
		For >150' To 200' Deep, Add	*88.13*	
		For Right Angle Drilling, Add	*43.34*	
31 64 13 00-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water	281.19	
		Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*35.65*	
		For >100' To 150' Deep, Add	*70.30*	
		For >150' To 200' Deep, Add	*104.32*	
		For Right Angle Drilling, Add	*48.51*	
31 64 13 00-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water	328.19	
		Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*42.30*	
		For >100' To 150' Deep, Add	*82.05*	
		For >150' To 200' Deep, Add	*122.61*	
		For Right Angle Drilling, Add	*54.48*	
31 64 13 00-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water	382.32	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*50.01*	
		For >100' To 150' Deep, Add	*95.58*	
		For >150' To 200' Deep, Add	*143.75*	
		For Right Angle Drilling, Add	*61.18*	
31 64 13 00-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water	436.04	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*57.80*	
		For >100' To 150' Deep, Add	*109.01*	
		For >150' To 200' Deep, Add	*164.91*	
		For Right Angle Drilling, Add	*67.37*	
31 64 13 00-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water	493.37	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*66.17*	
		For >100' To 150' Deep, Add	*123.34*	
		For >150' To 200' Deep, Add	*187.56*	
		For Right Angle Drilling, Add	*73.81*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0015		For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*		
31 64 13 00-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY	423.71	
		For >50' To 100' Deep, Add	*34.19*	
		For >100' To 150' Deep, Add	*105.93*	
		For >150' To 200' Deep, Add	*132.77*	
31 64 13 00-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY	1,489.33	
		For >50' To 100' Deep, Add	*120.35*	
		For >100' To 150' Deep, Add	*372.33*	
		For >150' To 200' Deep, Add	*466.92*	
31 64 13 00-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY	2,250.11	
		For >50' To 100' Deep, Add	*184.59*	
		For >100' To 150' Deep, Add	*562.53*	
		For >150' To 200' Deep, Add	*708.88*	
31 64 13 00-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY	3,122.94	
		For >50' To 100' Deep, Add	*256.67*	
		For >100' To 150' Deep, Add	*780.74*	
		For >150' To 200' Deep, Add	*984.46*	
31 64 13 00-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY	4,243.35	
		For >50' To 100' Deep, Add	*342.81*	
		For >100' To 150' Deep, Add	*1,060.84*	
		For >150' To 200' Deep, Add	*1,330.22*	
31 64 13 00-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY	4,989.70	
		For >50' To 100' Deep, Add	*402.93*	
		For >100' To 150' Deep, Add	*1,247.43*	
		For >150' To 200' Deep, Add	*1,563.98*	
31 64 13 00-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY	8,463.63	
		For >50' To 100' Deep, Add	*682.16*	
		For >100' To 150' Deep, Add	*2,115.91*	
		For >150' To 200' Deep, Add	*2,651.22*	
31 64 13 00-0023	EA	Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY	12,228.63	
		For >50' To 100' Deep, Add	*995.17*	
		For >100' To 150' Deep, Add	*3,057.16*	
		For >150' To 200' Deep, Add	*3,842.55*	
31 64 13 00-0024		Caisson In Wet Ground, Casing Pulled *(31 64 13)*		
		Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0025		Caisson In Wet Ground *(31 64 13 00-0024)*		
		Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0026	VLF	18" Diameter Caisson Wet Ground, Casing Pulled	61.40	
		Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*5.78*	
		For >100' To 150' Deep, Add	*15.35*	
		For >150' To 200' Deep, Add	*20.27*	
		For Right Angle Drilling, Add	*16.86*	
31 64 13 00-0027	VLF	24" Diameter Caisson Wet Ground, Casing Pulled	102.55	
		Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*9.67*	
		For >100' To 150' Deep, Add	*25.64*	
		For >150' To 200' Deep, Add	*33.88*	
		For Right Angle Drilling, Add	*28.12*	
31 64 13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled	135.38	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*13.45*	
		For >100' To 150' Deep, Add	*33.85*	
		For >150' To 200' Deep, Add	*45.58*	
		For Right Angle Drilling, Add	*34.97*	
31 64 13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled	185.67	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*18.71*	
		For >100' To 150' Deep, Add	*46.42*	
		For >150' To 200' Deep, Add	*62.84*	
		For Right Angle Drilling, Add	*47.14*	
31 64 13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled	235.12	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*24.46*	
		For >100' To 150' Deep, Add	*58.78*	
		For >150' To 200' Deep, Add	*80.54*	
		For Right Angle Drilling, Add	*57.29*	
31 64 13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled	281.19	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*29.71*	
		For >100' To 150' Deep, Add	*70.30*	
		For >150' To 200' Deep, Add	*96.89*	
		For Right Angle Drilling, Add	*67.09*	
31 64 13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled	363.15	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*38.40*	
		For >100' To 150' Deep, Add	*90.79*	
		For >150' To 200' Deep, Add	*125.17*	
		For Right Angle Drilling, Add	*86.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.	444.58	
		For >50' To 100' Deep, Add	*47.09*	
		For >100' To 150' Deep, Add	*111.15*	
		For >150' To 200' Deep, Add	*153.34*	
		For Right Angle Drilling, Add	*105.70*	
31 64 13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled Note: 0.87 CY Concrete per VLF, 113 lbs rebar per VLF.	506.92	
		For >50' To 100' Deep, Add	*54.81*	
		For >100' To 150' Deep, Add	*126.73*	
		For >150' To 200' Deep, Add	*176.23*	
		For Right Angle Drilling, Add	*117.04*	
31 64 13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.	576.33	
		For >50' To 100' Deep, Add	*63.59*	
		For >100' To 150' Deep, Add	*144.08*	
		For >150' To 200' Deep, Add	*201.95*	
		For Right Angle Drilling, Add	*129.08*	
31 64 13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.	655.37	
		For >50' To 100' Deep, Add	*73.16*	
		For >100' To 150' Deep, Add	*163.84*	
		For >150' To 200' Deep, Add	*230.71*	
		For Right Angle Drilling, Add	*144.13*	
31 64 13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.	738.42	
		For >50' To 100' Deep, Add	*83.33*	
		For >100' To 150' Deep, Add	*184.61*	
		For >150' To 200' Deep, Add	*261.07*	
		For Right Angle Drilling, Add	*159.58*	

31 64 13 00-0038 For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*

31 64 13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY	489.62	
		For >50' To 100' Deep, Add	*38.80*	
		For >100' To 150' Deep, Add	*122.41*	
		For >150' To 200' Deep, Add	*152.55*	
31 64 13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY	1,705.38	
		For >50' To 100' Deep, Add	*135.47*	
		For >100' To 150' Deep, Add	*426.35*	
		For >150' To 200' Deep, Add	*531.73*	
31 64 13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY	2,355.65	
		For >50' To 100' Deep, Add	*175.21*	
		For >100' To 150' Deep, Add	*588.91*	
		For >150' To 200' Deep, Add	*719.59*	
31 64 13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY	3,743.93	
		For >50' To 100' Deep, Add	*300.14*	
		For >100' To 150' Deep, Add	*935.98*	
		For >150' To 200' Deep, Add	*1,170.76*	
31 64 13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY	4,859.08	
		For >50' To 100' Deep, Add	*385.91*	
		For >100' To 150' Deep, Add	*1,214.77*	
		For >150' To 200' Deep, Add	*1,514.94*	
31 64 13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY	5,714.10	
		For >50' To 100' Deep, Add	*453.64*	
		For >100' To 150' Deep, Add	*1,428.53*	
		For >150' To 200' Deep, Add	*1,781.30*	
31 64 13 00-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY	9,695.12	
		For >50' To 100' Deep, Add	*768.36*	
		For >100' To 150' Deep, Add	*2,423.78*	
		For >150' To 200' Deep, Add	*3,020.66*	
31 64 13 00-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY	13,987.89	
		For >50' To 100' Deep, Add	*1,118.32*	
		For >100' To 150' Deep, Add	*3,496.97*	
		For >150' To 200' Deep, Add	*4,370.32*	

31 64 13 00-0047 Caisson In Soft Rock And Medium Hard Shale *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0048 Caisson In Soft Rock *(31 64 13 00-0047)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.	237.76	
		For >50' To 100' Deep, Add	*18.13*	
		For >100' To 150' Deep, Add	*59.44*	
		For >150' To 200' Deep, Add	*73.18*	
		For Right Angle Drilling, Add	*78.58*	
31 64 13 00-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.	396.52	
		For >50' To 100' Deep, Add	*30.24*	
		For >100' To 150' Deep, Add	*99.13*	
		For >150' To 200' Deep, Add	*122.07*	
		For Right Angle Drilling, Add	*131.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	597.69	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*45.81*	
		For >100' To 150' Deep, Add	*149.42*	
		For >150' To 200' Deep, Add	*184.27*	
		For Right Angle Drilling, Add	*196.78*	
31 64 13 00-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	763.64	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*59.16*	
		For >100' To 150' Deep, Add	*190.91*	
		For >150' To 200' Deep, Add	*236.23*	
		For Right Angle Drilling, Add	*249.43*	
31 64 13 00-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	984.20	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*76.90*	
		For >100' To 150' Deep, Add	*246.05*	
		For >150' To 200' Deep, Add	*305.26*	
		For Right Angle Drilling, Add	*319.47*	
31 64 13 00-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,186.31	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*93.07*	
		For >100' To 150' Deep, Add	*296.58*	
		For >150' To 200' Deep, Add	*368.42*	
		For Right Angle Drilling, Add	*383.88*	
31 64 13 00-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,450.95	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*114.54*	
		For >100' To 150' Deep, Add	*362.74*	
		For >150' To 200' Deep, Add	*451.51*	
		For Right Angle Drilling, Add	*467.28*	
31 64 13 00-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,715.30	
		Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*136.04*	
		For >100' To 150' Deep, Add	*428.83*	
		For >150' To 200' Deep, Add	*534.55*	
		For Right Angle Drilling, Add	*550.45*	
31 64 13 00-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,883.97	
		Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*151.20*	
		For >100' To 150' Deep, Add	*470.99*	
		For >150' To 200' Deep, Add	*589.35*	
		For Right Angle Drilling, Add	*599.00*	
31 64 13 00-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,058.89	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*167.37*	
		For >100' To 150' Deep, Add	*514.72*	
		For >150' To 200' Deep, Add	*646.72*	
		For Right Angle Drilling, Add	*647.98*	
31 64 13 00-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,109.34	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*174.93*	
		For >100' To 150' Deep, Add	*527.34*	
		For >150' To 200' Deep, Add	*666.90*	
		For Right Angle Drilling, Add	*653.02*	
31 64 13 00-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,518.83	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*207.96*	
		For >100' To 150' Deep, Add	*629.71*	
		For >150' To 200' Deep, Add	*795.20*	
		For Right Angle Drilling, Add	*782.72*	
31 64 13 00-0061		For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*		
31 64 13 00-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	843.18	
		For >50' To 100' Deep, Add	*63.55*	
		For >100' To 150' Deep, Add	*210.80*	
		For >150' To 200' Deep, Add	*258.61*	
31 64 13 00-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	2,966.95	
		For >50' To 100' Deep, Add	*223.78*	
		For >100' To 150' Deep, Add	*741.74*	
		For >150' To 200' Deep, Add	*910.21*	
31 64 13 00-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	4,443.06	
		For >50' To 100' Deep, Add	*338.09*	
		For >100' To 150' Deep, Add	*1,110.77*	
		For >150' To 200' Deep, Add	*1,366.77*	
31 64 13 00-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	6,326.40	
		For >50' To 100' Deep, Add	*480.91*	
		For >100' To 150' Deep, Add	*1,581.60*	
		For >150' To 200' Deep, Add	*1,945.50*	
31 64 13 00-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	8,366.56	
		For >50' To 100' Deep, Add	*631.43*	
		For >100' To 150' Deep, Add	*2,091.64*	
		For >150' To 200' Deep, Add	*2,567.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0067	EA	Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	10,197.15	
		For >50' To 100' Deep, Add	*767.45*	
		For >100' To 150' Deep, Add	*2,549.29*	
		For >150' To 200' Deep, Add	*3,126.21*	
31 64 13 00-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	15,411.00	
		For >50' To 100' Deep, Add	*1,168.47*	
		For >100' To 150' Deep, Add	*3,852.75*	
		For >150' To 200' Deep, Add	*4,735.43*	
31 64 13 00-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	23,174.15	
		For >50' To 100' Deep, Add	*1,761.36*	
		For >100' To 150' Deep, Add	*5,793.54*	
		For >150' To 200' Deep, Add	*7,126.20*	

31 64 13 00-0070 Caisson Setup And Removal *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

31 64 13 00-0071	EA	Erect, Set Up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	3,484.23
31 64 13 00-0072	EA	Erect, Set Up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	4,901.58
31 64 13 00-0073	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter	1,646.13
31 64 13 00-0074	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter	2,194.83
31 64 13 00-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling	137.18

31 66 Special Foundation *(31 60)*

31 66 15 Helical Foundation Piles *(31 66)*

31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

31 66 15 00-0002	EA	Structural Steel Piers (Atlas Pier System Or Equal) Note: Includes heavy duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	4,525.32
31 66 15 00-0003	EA	Pressure Injecting Grout For Slab Repairs, Per Location Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	538.98
31 66 15 00-0004	CY	Pressure Injected Non-Shrink Grout	538.98

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal from Paving *(32 01 11)*

32 01 11 53-0001 Remove Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.05	
		For Up To 250, Add	*1.03*	
		For >250 To 1,000, Add	*0.51*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 25,000, Deduct	*-0.51*	
		For >25,000 To 50,000, Deduct	*-0.72*	
		For >50,000, Deduct	*-0.82*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.47	
		For Up To 250, Add	*1.24*	
		For >250 To 1,000, Add	*0.62*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 25,000, Deduct	*-0.62*	
		For >25,000 To 50,000, Deduct	*-0.86*	
		For >50,000, Deduct	*-0.99*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	2.96	
		For Up To 250, Add	*1.48*	
		For >250 To 1,000, Add	*0.74*	
		For >5,000 To 10,000, Deduct	*-0.44*	
		For >10,000 To 25,000, Deduct	*-0.74*	
		For >25,000 To 50,000, Deduct	*-1.04*	
		For >50,000, Deduct	*-1.18*	
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.54	
		For Up To 250, Add	*1.77*	
		For >250 To 1,000, Add	*0.89*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000 To 25,000, Deduct	*-0.89*	
		For >25,000 To 50,000, Deduct	*-1.24*	
		For >50,000, Deduct	*-1.42*	
32 01 11 53-0006	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.54	
		For Up To 250, Add	*1.77*	
		For >250 To 1,000, Add	*0.89*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000 To 25,000, Deduct	*-0.89*	
		For >25,000 To 50,000, Deduct	*-1.24*	
		For >50,000, Deduct	*-1.42*	
32 01 11 53-0007	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	2.64	
		For Up To 250, Add	*1.32*	
		For >250 To 1,000, Add	*0.66*	
		For >5,000 To 10,000, Deduct	*-0.40*	
		For >10,000 To 25,000, Deduct	*-0.66*	
		For >25,000 To 50,000, Deduct	*-0.92*	
		For >50,000, Deduct	*-1.06*	
32 01 11 53-0008	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	3.11	
		For Up To 250, Add	*1.56*	
		For >250 To 1,000, Add	*0.78*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000 To 25,000, Deduct	*-0.78*	
		For >25,000 To 50,000, Deduct	*-1.09*	
		For >50,000, Deduct	*-1.24*	
32 01 11 53-0009	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	3.77	
		For Up To 250, Add	*1.89*	
		For >250 To 1,000, Add	*0.94*	
		For >5,000 To 10,000, Deduct	*-0.57*	
		For >10,000 To 25,000, Deduct	*-0.94*	
		For >25,000 To 50,000, Deduct	*-1.32*	
		For >50,000, Deduct	*-1.51*	
32 01 11 53-0010	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	4.51	
		For Up To 250, Add	*2.26*	
		For >250 To 1,000, Add	*1.13*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 25,000, Deduct	*-1.13*	
		For >25,000 To 50,000, Deduct	*-1.58*	
		For >50,000, Deduct	*-1.80*	
32 01 11 53-0011	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	4.51	
		For Up To 250, Add	*2.26*	
		For >250 To 1,000, Add	*1.13*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 25,000, Deduct	*-1.13*	
		For >25,000 To 50,000, Deduct	*-1.58*	
		For >50,000, Deduct	*-1.80*	

32 01 13 Flexible Paving Surface Treatment *(32 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61		**Slurry Seal (Latex Modified)** *(32 01 13)*		
32 01 13 61-0001		Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)* Note: Includes sweeping and cleaning of area.		
32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	812.12	
32 01 13 61-0003	SY	Up To 500 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	2.92	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	2.67	
32 01 13 61-0005	SY	>1,000 SY, Type O Asphalt Seal Coating, No Aggregate. Per Coat	2.47	
32 01 13 61-0006	SY	Up To 500 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.25	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0007	SY	>500 To 1,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.05	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0008	SY	>1,000 To 5,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.90	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0009	SY	>5,000 To 20,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.76	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0010	SY	>20,000 To 50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.76	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0011	SY	>50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.51	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0012	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.38	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	
32 01 13 61-0013	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.08	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	
32 01 13 61-0014	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.84	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	
32 01 13 61-0015	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.63	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	
32 01 13 61-0016	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.42	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	
32 01 13 61-0017	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.24	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0018	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.48	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	
32 01 13 61-0019	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.14	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	
32 01 13 61-0020	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.90	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	
32 01 13 61-0021	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.67	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	
32 01 13 61-0022	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.45	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	
32 01 13 61-0023	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.25	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.58*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*
Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.74
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.24
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.79
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.41
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.07
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	7.77
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	7.56
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	7.45

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	4.50	
		For Up To 2,500, Add	*3.38*	
		For >2,500 To 5,000, Add	*1.13*	
		For >10,000 To 25,000, Deduct	*-0.45*	
		For >25,000, Deduct	*-0.68*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	6.00	
		For Up To 2,500, Add	*4.50*	
		For >2,500 To 5,000, Add	*1.50*	
		For >10,000 To 25,000, Deduct	*-0.60*	
		For >25,000, Deduct	*-0.90*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	7.99	
		For Up To 2,500, Add	*5.99*	
		For >2,500 To 5,000, Add	*2.00*	
		For >10,000 To 25,000, Deduct	*-0.80*	
		For >25,000, Deduct	*-1.20*	

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	28.47	
		For >100 To 1,000, Deduct	*-14.24*	
		For >1,000, Deduct	*-21.35*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	37.70	
		For >100 To 1,000, Deduct	*-18.85*	
		For >1,000, Deduct	*-28.28*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	50.21	
		For >100 To 1,000, Deduct	*-25.11*	
		For >1,000, Deduct	*-37.66*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*
Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	7.43	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 74)*
Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep	12.42	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	14.64	
32 01 16 74-0004	TON	Removal, Rejuvenation, And Respreading Of Asphalt Grindings	195.15	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*
Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	15.34	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	7.66	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.84	
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.63	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.19	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	16.73	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.36	
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.95	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	18.41	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.20	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.60	
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.25	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	20.08	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.04	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.02	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.67	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,725.53	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*
Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.73	
		For 3/4" x 1/2" Fill, Add	*0.50*	
		For 1" x 1/2" Fill, Add	*0.95*	
		For Backer Rod, Add	*1.03*	
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.41	
		For 3/4" x 1/2" Fill, Add	*0.41*	
		For 1" x 1/2" Fill, Add	*0.79*	
		For Backer Rod, Add	*0.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.13	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.34*	
		For 1" x 1/2" Fill, Add	*0.64*	
		For Backer Rod, Add	*0.82*	
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.98	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.30*	
		For 1" x 1/2" Fill, Add	*0.57*	
		For Backer Rod, Add	*0.77*	
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.87	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.26*	
		For 1" x 1/2" Fill, Add	*0.50*	
		For Backer Rod, Add	*0.72*	
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.79	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.24*	
		For 1" x 1/2" Fill, Add	*0.45*	
		For Backer Rod, Add	*0.68*	
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	3.00	
		For 3/8" x 1/4" Fill, Add	*0.71*	
		For 1/2" x 1/4" Fill, Add	*1.31*	
		For 1/2" x 1/2" Fill, Add	*3.15*	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.42	
		For 3/8" x 1/4" Fill, Add	*0.59*	
		For 1/2" x 1/4" Fill, Add	*1.09*	
		For 1/2" x 1/2" Fill, Add	*2.63*	
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.87	
		For 3/8" x 1/4" Fill, Add	*0.46*	
		For 1/2" x 1/4" Fill, Add	*0.86*	
		For 1/2" x 1/2" Fill, Add	*2.10*	
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.64	
		For 3/8" x 1/4" Fill, Add	*0.41*	
		For 1/2" x 1/4" Fill, Add	*0.76*	
		For 1/2" x 1/2" Fill, Add	*1.88*	
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.48	
		For 3/8" x 1/4" Fill, Add	*0.37*	
		For 1/2" x 1/4" Fill, Add	*0.68*	
		For 1/2" x 1/2" Fill, Add	*1.66*	
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.37	
		For 3/8" x 1/4" Fill, Add	*0.34*	
		For 1/2" x 1/4" Fill, Add	*0.62*	
		For 1/2" x 1/2" Fill, Add	*1.51*	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.49	
32 01 17 61-0015	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required	1.66	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,694.66
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	514.92
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,610.73
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	486.95
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,568.77
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	472.96
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,526.81
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	458.97
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,791.98
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	583.02
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,750.02
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified	569.03
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,708.06
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	555.04
		Note: Use for each ton over 3 tons.	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 17 63-0017 Asphalt Placement For Small Repairs *(32 01 17 63)*
Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0057 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.

32 01 17 63-0018	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,370.95	
32 01 17 63-0019	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	318.75	
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,287.02	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	290.78	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,245.06	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	276.79	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,203.10	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	262.80	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3,934.20	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.64	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	4,382.84	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	4.74	

32 01 26 71-0006 Rumble Strips *(32 01 26 71)*

32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	4,292.34	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.78	
32 01 26 71-0009	EA	First 2000 LF Of MIARDS, Rumble Strips, Concrete	4,783.41	
32 01 26 71-0010	LF	Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete	0.87	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001 Removal Of Concrete *(32 01 26 73)*
Note: Includes direct loading into truck.

32 01 26 73-0002 Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	6.81	

32 01 26 73-0004 Limited Production Milling *(32 01 26 73-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.

32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	42.79	

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	14.16	
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	10.34	
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	11.31	
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	9.28	

32 01 90 19 Mowing *(32 01 90)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog Note: Includes normal debris removal, cutting, and trimming.	189.83	
		For <1 Acre, Add	*47.46*	
32 01 90 19-0002	MSF	Mowing Vegetation With Riding Mower, >20,000 To 45,000 SF	6.91	
32 01 90 19-0003	MSF	Mowing Vegetation With Riding Mower, >45,000 SF	5.35	
32 01 90 19-0004	MSF	Clear Vegetation With Weed Trimmer, Up To 1,000 SF	23.57	
		For Work On Slopes >2:1, Add	*5.89*	
		For Clearing Light Brush, Add	*3.54*	
32 01 90 19-0005	MSF	Clear Vegetation With Weed Trimmer, >1,000 SF	19.80	
		For Work On Slopes >2:1, Add	*4.95*	
		For Clearing Light Brush, Add	*2.97*	
32 01 90 19-0006	MSF	Blow Or Vacuum Dispersed Non-Native Seed After Bulk Of Biomass Removed	20.37	

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumspter.

32 01 90 23-0002 Tree Pruning; Crown Cleaning *(32 01 90 23-0001)*

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	29.57	
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	33.79	
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	38.02	
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	42.25	
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	64.20	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	109.37	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	112.36	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	208.29	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	179.92	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	333.18	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	207.90	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	385.31	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	241.68	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	447.79	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	294.18	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	541.61	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	365.44	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	682.58	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	500.53	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	925.13	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	794.07	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,487.76	

32 01 90 23-0025 Tree Pruning; Crown Thinning *(32 01 90 23-0001)*

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	36.25	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	41.40	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	46.55	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	51.79	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	78.66	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	133.92	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	137.63	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	255.15	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	220.43	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	408.13	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	254.65	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	471.97	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	296.05	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	548.52	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	360.34	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	663.50	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	447.62	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	836.16	
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	613.14	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,133.28	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	972.72	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,822.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0048		**Tree Pruning; Crown Raising** *(32 01 90 23-0001)* Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.		
32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	39.97	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	45.63	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	51.37	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	57.03	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	86.68	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	147.68	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	151.66	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	281.18	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	242.91	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	449.79	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	280.68	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	520.20	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	326.30	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	604.55	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	397.19	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	731.18	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	493.33	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	921.46	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	675.75	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,248.88	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	1,072.00	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	2,008.50	
32 01 90 23-0071		**Tree Pruning; Crown Reduction** *(32 01 90 23-0001)* Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.		
32 01 90 23-0072	EA	1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	42.93	
32 01 90 23-0073	EA	2" Caliper, Tree Pruning (Crown Reduction), By Hand	49.01	
32 01 90 23-0074	EA	2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	55.17	
32 01 90 23-0075	EA	3" Caliper, Tree Pruning (Crown Reduction), By Hand	61.25	
32 01 90 23-0076	EA	4" Caliper, Tree Pruning (Crown Reduction), By Hand	93.10	
32 01 90 23-0077	EA	4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	158.61	
32 01 90 23-0078	EA	6" Caliper, Tree Pruning (Crown Reduction), By Hand	162.90	
32 01 90 23-0079	EA	6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	302.01	
32 01 90 23-0080	EA	9" Caliper, Tree Pruning (Crown Reduction), By Hand	260.90	
32 01 90 23-0081	EA	9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	483.12	
32 01 90 23-0082	EA	12" Caliper, Tree Pruning (Crown Reduction), By Hand	301.46	
32 01 90 23-0083	EA	12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	558.72	
32 01 90 23-0084	EA	18" Caliper, Tree Pruning (Crown Reduction), By Hand	350.46	
32 01 90 23-0085	EA	18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	649.33	
32 01 90 23-0086	EA	24" Caliper, Tree Pruning (Crown Reduction), By Hand	426.59	
32 01 90 23-0087	EA	24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	785.34	
32 01 90 23-0088	EA	30" Caliper, Tree Pruning (Crown Reduction), By Hand	529.92	
32 01 90 23-0089	EA	30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	989.77	
32 01 90 23-0090	EA	36" Caliper, Tree Pruning (Crown Reduction), By Hand	725.76	
32 01 90 23-0091	EA	36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,341.46	
32 01 90 23-0092	EA	48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,151.42	
32 01 90 23-0093	EA	48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,157.22	
32 01 90 23-0094		**Tree Pruning; Crown Restoration** *(32 01 90 23-0001)* Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.		
32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	49.25	
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand	56.35	
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	63.37	
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand	70.38	
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand	106.96	
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	182.25	
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand	187.23	
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	347.10	
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand	299.85	
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	555.29	
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand	346.49	
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	642.14	
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand	402.77	
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	746.28	
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand	490.29	
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	902.71	
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand	609.08	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,137.65	
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand	834.25	
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,541.94	
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand	1,323.44	
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	2,479.64	

32 01 90 23-0117 Palm Tree Pruning *(32 01 90 23)*

32 01 90 23-0118	EA	Trim Mexican Palm Tree	89.58	
32 01 90 23-0119	EA	Trim Date Palm Tree	202.13	
32 01 90 23-0120	LF	Skin Palm Tree	22.97	
32 01 90 23-0121	EA	Trim And Skin Palm Tree, Up To 30' Height	88.52	
32 01 90 23-0122	EA	Trim And Skin Palm Tree, >30' To 60' Height	109.35	
32 01 90 23-0123	EA	Trim And Skin Palm Tree, >60' To 80' Height	122.37	

32 01 90 23-0124 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0125	MSF	Shrub Pruning, Prune, Shrub Bed	96.27	
32 01 90 23-0126	EA	Shrub Pruning, Prune, Shrub Under 3' Height	3.38	
32 01 90 23-0127	EA	Shrub Pruning, Prune, Shrub 4' Height	7.60	
32 01 90 23-0128	EA	Shrub Pruning, Prune, Shrub Over 6'	13.52	
32 01 90 23-0129	EA	Shrub Pruning, Prune Trees From Ground	33.79	
32 01 90 23-0130	EA	Shrub Pruning, Prune Trees From Ground, High Work	84.49	

32 01 90 23-0131 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0132	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	16.90	
32 01 90 23-0133	EA	Root Pruning, One Side Of 2" Caliper Tree	21.12	
32 01 90 23-0134	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	25.35	
32 01 90 23-0135	EA	Root Pruning, One Side Of 3" Caliper Tree	33.79	
32 01 90 23-0136	EA	Root Pruning, One Side Of 4" Caliper Tree	50.69	
32 01 90 23-0137	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree	63.37	
32 01 90 23-0138	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree	88.72	
32 01 90 23-0139	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree	101.38	
32 01 90 23-0140	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree	118.29	
32 01 90 23-0141	EA	Root Pruning, One Side Of >18" To 24" Caliper Tree	147.85	
32 01 90 23-0142	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree	181.66	
32 01 90 23-0143	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree	211.23	
32 01 90 23-0144	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree	232.35	
32 01 90 23-0145	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree	253.47	

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	45.51	
32 01 90 26-0003	CSF	Watering Groundcover	7.02	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	12.45	
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	24.03	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	31.59	
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	39.16	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	48.19	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	12.09	

32 01 90 36 Weed and Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	7.82	
		For >45 To 90, Deduct	*-0.43*	
		For >90 To 225, Deduct	*-1.21*	
		For >225 To 870, Deduct	*-1.99*	
		For >870, Deduct	*-2.42*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	8.43	
		For >45 To 90, Deduct	*-0.49*	
		For >90 To 225, Deduct	*-1.33*	
		For >225 To 870, Deduct	*-2.18*	
		For >870, Deduct	*-2.67*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF)	8.40	
		Note: Includes pre and post emergent.		
		For >45 To 90, Deduct	*-0.49*	
		For >90 To 225, Deduct	*-1.33*	
		For >225 To 870, Deduct	*-2.17*	
		For >870, Deduct	*-2.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) Note: Includes pre and post emergents.	8.78	
		For >45 To 90, Deduct	*-0.52*	
		For >90 To 225, Deduct	*-1.40*	
		For >225 To 870, Deduct	*-2.28*	
		For >870, Deduct	*-2.81*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	10.77	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	10.81	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	11.68	

32 01 90 43 Weed and Cultivate Beds *(32 01 90)*

32 01 90 43-0001	MSF	Weed Mulched Bed	41.27	
32 01 90 43-0002	MSF	Weed Unmulched Bed	117.91	
32 01 90 43-0003	MSF	Cultivate Bed	63.49	

32 01 90 46 Hedge Trimming *(32 01 90)*

32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	5.47	
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	8.19	
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	12.41	
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	12.64	

32 01 90 53 Plant Growth Regulator Application *(32 01 90)*

32 01 90 53-0001	EA	Plant Growth Regulator Application	6.08	

32 10 Bases, Ballasts, and Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	87.77	
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	84.95	

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	4.81	
		For Up To 500, Add	*1.27*	
		For >500 To 1,000, Add	*0.48*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.31*	
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	9.63	
		For Up To 500, Add	*2.54*	
		For >500 To 1,000, Add	*0.96*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000, Deduct	*-0.63*	
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	14.44	
		For Up To 500, Add	*3.82*	
		For >500 To 1,000, Add	*1.44*	
		For >5,000 To 10,000, Deduct	*-0.55*	
		For >10,000, Deduct	*-0.94*	
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	21.67	
		For Up To 500, Add	*5.73*	
		For >500 To 1,000, Add	*2.17*	
		For >5,000 To 10,000, Deduct	*-0.82*	
		For >10,000, Deduct	*-1.41*	
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	28.89	
		For Up To 500, Add	*7.63*	
		For >500 To 1,000, Add	*2.89*	
		For >5,000 To 10,000, Deduct	*-1.10*	
		For >10,000, Deduct	*-1.88*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.59	
		For Up To 1,000, Add	*0.16*	
		For >1,000 To 2,500, Add	*0.06*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	0.83	
		For Up To 1,000, Add	*0.23*	
		For >1,000 To 2,500, Add	*0.08*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.09	
		For Up To 1,000, Add	*0.31*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.40	
		For Up To 1,000, Add	*0.39*	
		For >1,000 To 2,500, Add	*0.14*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	1.71	
		For Up To 1,000, Add	*0.48*	
		For >1,000 To 2,500, Add	*0.17*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	1.98	
		For Up To 1,000, Add	*0.56*	
		For >1,000 To 2,500, Add	*0.20*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.24	
		For Up To 1,000, Add	*0.63*	
		For >1,000 To 2,500, Add	*0.22*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	116.29	

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.58	
		For Up To 150, Add	*0.11*	
		For >150 To 300, Add	*0.06*	
		For >300 To 500, Add	*0.03*	
		For >3,500 To 5,000, Deduct	*-0.01*	
		For >5,000, Deduct	*-0.03*	
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.63	
		For Up To 150, Add	*0.12*	
		For >150 To 300, Add	*0.06*	
		For >300 To 500, Add	*0.03*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.04*	
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.74	
		For Up To 150, Add	*0.15*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.80	
		For Up To 150, Add	*0.16*	
		For >150 To 300, Add	*0.08*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	0.90	
		For Up To 150, Add	*0.19*	
		For >150 To 300, Add	*0.09*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	0.96	
		For Up To 150, Add	*0.20*	
		For >150 To 300, Add	*0.10*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.57	
		For Up To 150, Add	*0.35*	
		For >150 To 300, Add	*0.16*	
		For >300 To 500, Add	*0.08*	
		For >3,500 To 5,000, Deduct	*-0.04*	
		For >5,000, Deduct	*-0.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	1.65	
		For Up To 150, Add	*0.37*	
		For >150 To 300, Add	*0.17*	
		For >300 To 500, Add	*0.08*	
		For >3,500 To 5,000, Deduct	*-0.04*	
		For >5,000, Deduct	*-0.11*	
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	1.74	
		For Up To 150, Add	*0.39*	
		For >150 To 300, Add	*0.17*	
		For >300 To 500, Add	*0.09*	
		For >3,500 To 5,000, Deduct	*-0.04*	
		For >5,000, Deduct	*-0.12*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0037 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Course 3,954 LB/CY	159.36	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*19.28*	
		For Warm Mix Additive, Add	*8.35*	
		For Up To 25, Add	*21.49*	
		For >25 To 50, Add	*11.82*	
		For >500 To 1,000, Deduct	*-6.85*	
		For >1,000 To 2,500, Deduct	*-12.42*	
		For >2,500 To 5,000, Deduct	*-19.28*	
		For >5,000, Deduct	*-27.63*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Binder Course	9.01	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*1.06*	
		For Up To 1,000, Add	*1.25*	
		For >1,000 To 2,000, Add	*0.69*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000 To 50,000, Deduct	*-0.71*	
		For >50,000 To 100,000, Deduct	*-1.11*	
		For >100,000, Deduct	*-1.59*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Binder Course	13.38	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*1.59*	
		For Up To 700, Add	*1.84*	
		For >700 To 1,400, Add	*1.02*	
		For >7,000 To 14,000, Deduct	*-0.59*	
		For >14,000 To 32,000, Deduct	*-1.06*	
		For >32,000 To 64,000, Deduct	*-1.65*	
		For >64,000, Deduct	*-2.37*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Binder Course	17.33	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*2.12*	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*1.27*	
		For >5,000 To 10,000, Deduct	*-0.77*	
		For >10,000 To 24,000, Deduct	*-1.40*	
		For >24,000 To 48,000, Deduct	*-2.17*	
		For >48,000, Deduct	*-3.11*	
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Binder Course	21.87	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*2.65*	
		For Up To 400, Add	*2.95*	
		For >400 To 800, Add	*1.62*	
		For >4,000 To 8,000, Deduct	*-0.97*	
		For >8,000 To 20,000, Deduct	*-1.76*	
		For >20,000 To 40,000, Deduct	*-2.72*	
		For >40,000, Deduct	*-3.91*	
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Binder Course	26.25	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*3.18*	
		For Up To 340, Add	*3.54*	
		For >340 To 680, Add	*3.01*	
		For >3,400 To 6,800, Deduct	*-1.16*	
		For >6,800 To 17,000, Deduct	*-2.11*	
		For >17,000 To 34,000, Deduct	*-3.27*	
		For >34,000, Deduct	*-4.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Binder Course	30.63	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*3.71*	
		For Up To 280, Add	*4.13*	
		For >280 To 560, Add	*2.27*	
		For >2,800 To 5,600, Deduct	*-1.35*	
		For >5,600 To 14,000, Deduct	*-2.46*	
		For >14,000 To 28,000, Deduct	*-3.81*	
		For >28,000, Deduct	*-5.47*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Binder Course	35.00	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.23*	
		For Up To 250, Add	*4.72*	
		For >250 To 500, Add	*2.60*	
		For >2,500 To 5,000, Deduct	*-1.55*	
		For >5,000 To 12,000, Deduct	*-2.81*	
		For >12,000 To 24,000, Deduct	*-4.36*	
		For >24,000, Deduct	*-6.26*	
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Binder Course	43.75	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*5.29*	
		For Up To 200, Add	*5.90*	
		For >200 To 400, Add	*3.25*	
		For >2,000 To 4,000, Deduct	*-1.93*	
		For >4,000 To 10,000, Deduct	*-3.51*	
		For >10,000 To 20,000, Deduct	*-5.45*	
		For >20,000, Deduct	*-7.82*	
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Binder Course	52.50	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*6.35*	
		For Up To 160, Add	*7.08*	
		For >160 To 320, Add	*3.90*	
		For >1,600 To 3,200, Deduct	*-2.32*	
		For >3,200 To 8,000, Deduct	*-4.22*	
		For >8,000 To 16,000, Deduct	*-6.54*	
		For >16,000, Deduct	*-9.38*	
32 12 16 13-0012		Surface Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*		
		Note: Meets Caltrans requirements.		
32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY	161.20	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*3.07*	
		For Warm Mix Additive, Add	*7.97*	
		For Up To 25, Add	*23.06*	
		For >25 To 50, Add	*12.88*	
		For >500 To 1,000, Deduct	*-6.67*	
		For >1,000 To 2,500, Deduct	*-12.11*	
		For >2,500 To 5,000, Deduct	*-18.77*	
		For >5,000, Deduct	*-26.93*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	178.65	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*8.69*	
		For Up To 25, Add	*25.96*	
		For >25 To 50, Add	*14.55*	
		For >500 To 1,000, Deduct	*-7.31*	
		For >1,000 To 2,500, Deduct	*-13.28*	
		For >2,500 To 5,000, Deduct	*-20.58*	
		For >5,000, Deduct	*-29.54*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	190.92	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*9.49*	
		For Up To 25, Add	*27.19*	
		For >25 To 50, Add	*15.17*	
		For >500 To 1,000, Deduct	*-7.92*	
		For >1,000 To 2,500, Deduct	*-14.38*	
		For >2,500 To 5,000, Deduct	*-22.30*	
		For >5,000, Deduct	*-31.99*	
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Course	8.75	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.16*	
		For Up To 1,000, Add	*1.29*	
		For >1,000 To 2,000, Add	*0.73*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000 To 50,000, Deduct	*-0.67*	
		For >50,000 To 100,000, Deduct	*-1.04*	
		For >100,000, Deduct	*-1.49*	
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Course	12.97	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.24*	
		For Up To 700, Add	*1.90*	
		For >700 To 1,400, Add	*1.06*	
		For >7,000 To 14,000, Deduct	*-0.55*	
		For >14,000 To 32,000, Deduct	*-1.00*	
		For >32,000 To 64,000, Deduct	*-1.55*	
		For >64,000, Deduct	*-2.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Course Note: Includes placement, rolling, finishing and sweeping.	16.71	
		For PG64-10 Asphalt, Add	*0.32*	
		For Up To 500, Add	*2.36*	
		For >500 To 1,000, Add	*1.32*	
		For >5,000 To 10,000, Deduct	*-0.72*	
		For >10,000 To 24,000, Deduct	*-1.31*	
		For >24,000 To 48,000, Deduct	*-2.03*	
		For >48,000, Deduct	*-2.92*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Course Note: Includes placement, rolling, finishing and sweeping.	21.12	
		For PG64-10 Asphalt, Add	*0.40*	
		For Up To 400, Add	*3.02*	
		For >400 To 800, Add	*1.69*	
		For >4,000 To 8,000, Deduct	*-0.90*	
		For >8,000 To 20,000, Deduct	*-1.65*	
		For >20,000 To 40,000, Deduct	*-2.55*	
		For >40,000, Deduct	*-3.67*	
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Course Note: Includes placement, rolling, finishing and sweeping.	25.35	
		For PG64-10 Asphalt, Add	*0.48*	
		For Up To 340, Add	*3.63*	
		For >340 To 680, Add	*2.99*	
		For >3,400 To 6,800, Deduct	*-1.09*	
		For >6,800 To 17,000, Deduct	*-1.98*	
		For >17,000 To 34,000, Deduct	*-3.06*	
		For >34,000, Deduct	*-4.40*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	88.91	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	379.64	

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	14.17	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	13.80	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	22.59	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.86	
		For Up To 50, Add	*0.41*	
		For >50 To 150, Add	*0.31*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.01	
		For Up To 50, Add	*0.44*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.11*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	37.37	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	28.08	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	17.56	

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.37	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	6.05	

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.30	

32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.80	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.33	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.12	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.89	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.76	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.65	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.53	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.47	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.59	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.06	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.80	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.67	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.36	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.19	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.04	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.96	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.26	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.67	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.37	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.03	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.84	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.59	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.41	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.32	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.35	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.75	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.45	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.11	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.93	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.75	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.50	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.41	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.58	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.79	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.35	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.83	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.56	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.23	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.96	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.84	
		For Each Additional 0.5% Latex Additive, Add	*1.11*	

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, towed broomo sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.38	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.11	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.91	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.70	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.59	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.49	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.38	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.34	
		For Each Additional 0.5% Latex Additive, Add	*0.45*	

32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.20	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.87	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.66	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.51	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.21	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.03	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.89	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.85	
		For Each Additional 0.5% Latex Additive, Add	*0.56*	

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.92	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.50	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.21	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.88	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.69	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.43	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.27	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.20	
		For Each Additional 0.5% Latex Additive, Add	*0.67*	

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)

(32 12 36 13-0047)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.00	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.60	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.28	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.94	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.76	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.61	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.36	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.29	
		For Each Additional 0.5% Latex Additive, Add	*0.77*	

32 12 36 13-0084 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	1.75
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.26
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.06
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	0.90
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.81
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.75
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.69
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.66

32 12 36 13-0093 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	2.73
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	1.78
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	1.77
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.56
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.45
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.35
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.28
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.25

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	13.25
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	12.42
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	10.93
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.78
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	8.29
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	6.80
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	16.00
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	15.08
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	13.31
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	11.96
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	10.19
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	8.42

32 12 36 23 Fuel-Resistant Sealers *(32 12 36)*

32 12 36 23-0001 Guardtop Seal Coat *(32 12 36 23)*

Note: Includes sweeping and cleaning of area.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 23-0002	SY	GuardTop® Asphalt Based Sealcoat (Two Coats)	3.03	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	
32 12 36 23-0003	LF	GuardTop® Cold Pour Crack Filler	1.27	
32 12 36 23-0004	LF	GuardTop® Hot Pour Crack Filler	1.45	
32 12 36 23-0005	SY	GuardTop® Oil Spot Primer For Asphalt	5.54	
32 12 36 23-0006	SY	GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats)	4.04	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	35.61	
		Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.: Grasspave2.		
		For Up To 100, Add	*11.73*	
		For >100 To 500, Add	*2.91*	
		For >1,000 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-2.43*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.37	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	56.23	
		For 2,500 PSI Concrete, Deduct	*-3.27*	
		For 3,000 PSI Concrete, Deduct	*-2.13*	
		For 3,500 PSI Concrete, Deduct	*-1.71*	
		For 4,000 PSI Concrete, Deduct	*-0.74*	
		For 5,000 PSI Concrete, Add	*0.45*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.70*	
		For <12' Wide Pass, Add	*9.79*	
		For 24' Or Greater Wide Pass, Deduct	*-11.25*	
		For Air Entrainment, Add	*1.42*	
		For Slipforming, Deduct	*-5.62*	
		For Up To 100, Add	*22.37*	
		For >100 To 250, Add	*12.60*	
		For >250 To 500, Add	*6.30*	
		For >1,000 To 2,000, Deduct	*-1.42*	
		For >2,000 To 5,000, Deduct	*-2.83*	
		For >5,000 To 10,000, Deduct	*-4.23*	
		For >10,000 To 20,000, Deduct	*-5.64*	
		For >20,000, Deduct	*-7.04*	
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	66.59	
		For 2,500 PSI Concrete, Deduct	*-4.10*	
		For 3,000 PSI Concrete, Deduct	*-2.68*	
		For 3,500 PSI Concrete, Deduct	*-2.14*	
		For 4,000 PSI Concrete, Deduct	*-0.93*	
		For 5,000 PSI Concrete, Add	*0.57*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.64*	
		For <12' Wide Pass, Add	*11.29*	
		For 24' Or Greater Wide Pass, Deduct	*-13.32*	
		For Air Entrainment, Add	*1.78*	
		For Slipforming, Deduct	*-6.66*	
		For Up To 100, Add	*25.68*	
		For >100 To 250, Add	*14.62*	
		For >250 To 500, Add	*7.31*	
		For >1,000 To 2,000, Deduct	*-1.78*	
		For >2,000 To 5,000, Deduct	*-3.45*	
		For >5,000 To 10,000, Deduct	*-5.11*	
		For >10,000 To 20,000, Deduct	*-6.78*	
		For >20,000, Deduct	*-8.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	71.11	
		For 2,500 PSI Concrete, Deduct	*-4.33*	
		For 3,000 PSI Concrete, Deduct	*-2.82*	
		For 3,500 PSI Concrete, Deduct	*-2.26*	
		For 4,000 PSI Concrete, Deduct	*-0.98*	
		For 5,000 PSI Concrete, Add	*0.60*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.89*	
		For <12' Wide Pass, Add	*12.13*	
		For 24' Or Greater Wide Pass, Deduct	*-14.22*	
		For Air Entrainment, Add	*1.88*	
		For Slipforming, Deduct	*-7.11*	
		For Up To 100, Add	*27.61*	
		For >100 To 250, Add	*15.69*	
		For >250 To 500, Add	*7.84*	
		For >1,000 To 2,000, Deduct	*-1.88*	
		For >2,000 To 5,000, Deduct	*-3.66*	
		For >5,000 To 10,000, Deduct	*-5.44*	
		For >10,000 To 20,000, Deduct	*-7.22*	
		For >20,000, Deduct	*-8.99*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	84.55	
		For 2,500 PSI Concrete, Deduct	*-5.46*	
		For 3,000 PSI Concrete, Deduct	*-3.56*	
		For 3,500 PSI Concrete, Deduct	*-2.85*	
		For 4,000 PSI Concrete, Deduct	*-1.23*	
		For 5,000 PSI Concrete, Add	*0.76*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.17*	
		For <12' Wide Pass, Add	*14.02*	
		For 24' Or Greater Wide Pass, Deduct	*-16.91*	
		For Air Entrainment, Add	*2.37*	
		For Slipforming, Deduct	*-8.46*	
		For Up To 100, Add	*31.74*	
		For >100 To 250, Add	*18.24*	
		For >250 To 500, Add	*9.12*	
		For >1,000 To 2,000, Deduct	*-2.37*	
		For >2,000 To 5,000, Deduct	*-4.49*	
		For >5,000 To 10,000, Deduct	*-6.60*	
		For >10,000 To 20,000, Deduct	*-8.71*	
		For >20,000, Deduct	*-10.83*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	96.59	
		For 2,500 PSI Concrete, Deduct	*-5.99*	
		For 3,000 PSI Concrete, Deduct	*-3.91*	
		For 3,500 PSI Concrete, Deduct	*-3.13*	
		For 4,000 PSI Concrete, Deduct	*-1.35*	
		For 5,000 PSI Concrete, Add	*0.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.77*	
		For <12' Wide Pass, Add	*16.33*	
		For 24' Or Greater Wide Pass, Deduct	*-19.32*	
		For Air Entrainment, Add	*2.61*	
		For Slipforming, Deduct	*-9.66*	
		For Up To 100, Add	*37.11*	
		For >100 To 250, Add	*21.16*	
		For >250 To 500, Add	*10.58*	
		For >1,000 To 2,000, Deduct	*-2.61*	
		For >2,000 To 5,000, Deduct	*-5.02*	
		For >5,000 To 10,000, Deduct	*-7.43*	
		For >10,000 To 20,000, Deduct	*-9.85*	
		For >20,000, Deduct	*-12.26*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	109.33	
		For 2,500 PSI Concrete, Deduct	*-6.92*	
		For 3,000 PSI Concrete, Deduct	*-4.52*	
		For 3,500 PSI Concrete, Deduct	*-3.61*	
		For 4,000 PSI Concrete, Deduct	*-1.57*	
		For 5,000 PSI Concrete, Add	*0.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.83*	
		For <12' Wide Pass, Add	*18.30*	
		For 24' Or Greater Wide Pass, Deduct	*-21.87*	
		For Air Entrainment, Add	*3.01*	
		For Slipforming, Deduct	*-10.93*	
		For Up To 100, Add	*41.51*	
		For >100 To 250, Add	*23.77*	
		For >250 To 500, Add	*11.88*	
		For >1,000 To 2,000, Deduct	*-3.01*	
		For >2,000 To 5,000, Deduct	*-5.74*	
		For >5,000 To 10,000, Deduct	*-8.48*	
		For >10,000 To 20,000, Deduct	*-11.21*	
		For >20,000, Deduct	*-13.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	121.84	
		For 2,500 PSI Concrete, Deduct	*-7.62*	
		For 3,000 PSI Concrete, Deduct	*-4.97*	
		For 3,500 PSI Concrete, Deduct	*-3.97*	
		For 4,000 PSI Concrete, Deduct	*-1.72*	
		For 5,000 PSI Concrete, Add	*1.06*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.61*	
		For <12' Wide Pass, Add	*20.53*	
		For 24' Or Greater Wide Pass, Deduct	*-24.37*	
		For Air Entrainment, Add	*3.31*	
		For Slipforming, Deduct	*-12.18*	
		For Up To 100, Add	*46.61*	
		For >100 To 250, Add	*26.62*	
		For >250 To 500, Add	*13.31*	
		For >1,000 To 2,000, Deduct	*-3.31*	
		For >2,000 To 5,000, Deduct	*-6.36*	
		For >5,000 To 10,000, Deduct	*-9.40*	
		For >10,000 To 20,000, Deduct	*-12.45*	
		For >20,000, Deduct	*-15.50*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	145.16	
		For 2,500 PSI Concrete, Deduct	*-9.02*	
		For 3,000 PSI Concrete, Deduct	*-5.88*	
		For 3,500 PSI Concrete, Deduct	*-4.71*	
		For 4,000 PSI Concrete, Deduct	*-2.04*	
		For 5,000 PSI Concrete, Add	*1.25*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.19*	
		For <12' Wide Pass, Add	*24.53*	
		For 24' Or Greater Wide Pass, Deduct	*-29.03*	
		For Air Entrainment, Add	*3.92*	
		For Slipforming, Deduct	*-14.52*	
		For Up To 100, Add	*55.73*	
		For >100 To 250, Add	*31.79*	
		For >250 To 500, Add	*15.89*	
		For >1,000 To 2,000, Deduct	*-3.92*	
		For >2,000 To 5,000, Deduct	*-7.55*	
		For >5,000 To 10,000, Deduct	*-11.18*	
		For >10,000 To 20,000, Deduct	*-14.81*	
		For >20,000, Deduct	*-18.44*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	184.86	
		For 2,500 PSI Concrete, Deduct	*-11.07*	
		For 3,000 PSI Concrete, Deduct	*-7.22*	
		For 3,500 PSI Concrete, Deduct	*-5.78*	
		For 4,000 PSI Concrete, Deduct	*-2.50*	
		For 5,000 PSI Concrete, Add	*1.54*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.52*	
		For <12' Wide Pass, Add	*31.77*	
		For 24' Or Greater Wide Pass, Deduct	*-36.97*	
		For Air Entrainment, Add	*4.82*	
		For Slipforming, Deduct	*-18.49*	
		For Up To 100, Add	*72.40*	
		For >100 To 250, Add	*41.01*	
		For >250 To 500, Add	*20.51*	
		For >1,000 To 2,000, Deduct	*-4.82*	
		For >2,000 To 5,000, Deduct	*-9.44*	
		For >5,000 To 10,000, Deduct	*-14.06*	
		For >10,000 To 20,000, Deduct	*-18.68*	
		For >20,000, Deduct	*-23.30*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

See CSI section 32 17 26 00-0000 for tactile warning surfaces.

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	4.35	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assembly *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	16.67	
		For >5,000 To 30,000, Deduct	*-1.77*	
		For >30,000 To 100,000, Deduct	*-3.24*	
		For >100,000, Deduct	*-4.02*	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	21.20	
		For >5,000 To 30,000, Deduct	*-2.19*	
		For >30,000 To 100,000, Deduct	*-3.92*	
		For >100,000, Deduct	*-4.88*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair *(32 13 73 13)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	7.90	

32 13 73 16 Field-Molded Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	13.56	

32 13 73 19 Compression Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)*

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.17	2.40
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.66	2.45
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	11.17	2.50
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	12.84	2.55
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	14.92	2.61
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	17.70	2.65
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	21.81	2.72

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	4.71	1.05
		For >1,000 To 2,000, Deduct	*-0.67*	
		For >2,000 To 4,000, Deduct	*-0.98*	
		For >4,000, Deduct	*-1.25*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	5.12	1.05
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.35*	
		For >2,000, Deduct	*-0.52*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	4.92	1.05
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 1,500, Deduct	*-0.82*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	5.83	1.05
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000 To 1,500, Deduct	*-1.04*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	7.59	1.05
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000 To 1,500, Deduct	*-1.48*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	8.93	1.05
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000 To 1,500, Deduct	*-1.82*	

32 14 11 Bedding for Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	0.98	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.12*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.20	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.13*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.57	
		For Up To 100, Add	*0.61*	
		For >100 To 500, Add	*0.16*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	2.00	
		For Up To 100, Add	*0.76*	
		For >100 To 500, Add	*0.20*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.18*	
32 14 11 00-0006	SF	1" Mortar Bedding	2.95	
		For Up To 100, Add	*1.33*	
		For >100 To 500, Add	*0.38*	
		For >1,000 To 5,000, Deduct	*-0.24*	
		For >5,000, Deduct	*-0.37*	
32 14 11 00-0007	SF	2" Mortar Bedding	4.34	
		For Up To 100, Add	*1.87*	
		For >100 To 500, Add	*0.53*	
		For >1,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.51*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.60	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.21*	
		For >1,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.20*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	10.71	2.94
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*1.02*	
		For 3-1/8" Concrete Paver, Add	*1.65*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.83*	
		For Up To 100, Add	*4.15*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.03*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	10.18	2.68
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.99*	
		For 3-1/8" Concrete Paver, Add	*1.61*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.78*	
		For Up To 100, Add	*3.89*	
		For >100 To 500, Add	*1.05*	
		For >1,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.95*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	9.68	2.13
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.97*	
		For 3-1/8" Concrete Paver, Add	*1.57*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.73*	
		For Up To 100, Add	*3.64*	
		For >100 To 500, Add	*0.97*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.87*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	9.24	2.21
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.94*	
		For 3-1/8" Concrete Paver, Add	*1.54*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.68*	
		For Up To 100, Add	*3.42*	
		For >100 To 500, Add	*0.90*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.81*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	9.93	2.54
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*0.98*	
		For 3-1/8" Concrete Paver, Add	*1.59*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.75*	
		For Up To 100, Add	*3.76*	
		For >100 To 500, Add	*1.01*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.91*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	11.28	2.54
		For Up To 100, Add	*4.10*	
		For >100 To 500, Add	*1.08*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16		**Brick Unit Paving** *(32 14)*		
32 14 16 00-0001		Brick Paver Sidewalk *(32 14 16)* Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	14.01	2.94
		For 1-3/8" Thick Paver, Deduct	*-3.14*	
		For 2-3/4" Thick Paver (Vehicular), Add	*7.22*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.00*	
		For Up To 100, Add	*4.98*	
		For >100 To 500, Add	*1.29*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.13*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	21.13	3.36
		For 1-3/8" Thick Paver, Deduct	*-5.39*	
		For 2-3/4" Thick Paver (Vehicular), Add	*12.65*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.39*	
		For Up To 100, Add	*6.96*	
		For >100 To 500, Add	*1.73*	
		For >1,000 To 5,000, Deduct	*-0.67*	
		For >5,000, Deduct	*-1.44*	
32 14 33		**Plastic Paving** *(32 14)*		
32 14 33 13		**Permeable Plastic Paving** *(32 14 33)*		
32 14 33 13-0001		Turf Block Plastic Paving *(32 14 33 13)*		
32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	17.36	2.54
		For Up To 100, Add	*5.62*	
		For >100 To 500, Add	*1.38*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-1.13*	
32 14 40		**Stone Paving** *(32 14)*		
32 14 40 00-0001		Slate Paver Sidewalk *(32 14 40)* Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.	15.18	2.44
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.00*	
		For 1/4" Thick Paver, Deduct	*-7.82*	
		For 1/2" Thick Paver, Deduct	*-5.48*	
		For Up To 100, Add	*5.01*	
		For >100 To 500, Add	*1.25*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-1.04*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	14.74	2.21
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.96*	
		For 1/4" Thick Paver, Deduct	*-7.71*	
		For 1/2" Thick Paver, Deduct	*-5.41*	
		For Up To 100, Add	*4.79*	
		For >100 To 500, Add	*1.18*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.97*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	13.98	1.83
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.88*	
		For 1/4" Thick Paver, Deduct	*-7.52*	
		For 1/2" Thick Paver, Deduct	*-5.30*	
		For Up To 100, Add	*4.41*	
		For >100 To 500, Add	*1.07*	
		For >1,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.86*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	13.65	1.66
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.85*	
		For 1/4" Thick Paver, Deduct	*-7.44*	
		For 1/2" Thick Paver, Deduct	*-5.25*	
		For Up To 100, Add	*4.25*	
		For >100 To 500, Add	*1.02*	
		For >1,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.81*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	14.32	2.00
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.92*	
		For 1/4" Thick Paver, Deduct	*-7.60*	
		For 1/2" Thick Paver, Deduct	*-5.35*	
		For Up To 100, Add	*4.58*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0007		Granite Paver Sidewalk *(32 14 40)* Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	21.62	2.44
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.32*	
		For 2" Granite Paver, Add	*1.08*	
		For 3" Granite Paver, Add	*2.16*	
		For 4" Granite Paver, Add	*2.41*	
		For Up To 100, Add	*6.62*	
		For >100 To 500, Add	*1.57*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-1.23*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	21.18	2.21
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.28*	
		For 2" Granite Paver, Add	*1.06*	
		For 3" Granite Paver, Add	*2.12*	
		For 4" Granite Paver, Add	*2.34*	
		For Up To 100, Add	*6.40*	
		For >100 To 500, Add	*1.50*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-1.17*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	20.42	1.83
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.20*	
		For 2" Granite Paver, Add	*1.02*	
		For 3" Granite Paver, Add	*2.04*	
		For 4" Granite Paver, Add	*2.23*	
		For Up To 100, Add	*6.02*	
		For >100 To 500, Add	*1.39*	
		For >1,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-1.05*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	20.09	1.66
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.17*	
		For 2" Granite Paver, Add	*1.00*	
		For 3" Granite Paver, Add	*2.01*	
		For 4" Granite Paver, Add	*2.18*	
		For Up To 100, Add	*5.86*	
		For >100 To 500, Add	*1.34*	
		For >1,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-1.00*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	20.76	2.00
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.24*	
		For 2" Granite Paver, Add	*1.04*	
		For 3" Granite Paver, Add	*2.08*	
		For 4" Granite Paver, Add	*2.28*	
		For Up To 100, Add	*6.19*	
		For >100 To 500, Add	*1.44*	
		For >1,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-1.10*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 15 40 00-0001		Gravel Surfacing And Spreading *(32 15 40)* Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0002	CY	Gravel Surfacing And Spreading	87.24	
32 15 40 00-0003		Limestone Screenings *(32 15 40)* Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004	CY	Limestone Screenings For Trail	86.62	
32 15 40 00-0005		Decomposed Granite *(32 15 40)* Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	18.22	
		Note: Placed in 2 lifts.		
		For Additional 2" Lift	*9.11*	
		For >45 To 180, Deduct	*-1.22*	
		For >180 To 450, Deduct	*-1.53*	
		For >450, Deduct	*-1.84*	

32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

32 16 13 Curbs and Gutters *(32 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0057 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curbs *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Curb (Type A1-6)	17.60	9.00
		For Mountable Curb, Add	*1.26*	
		For Up To 20, Add	*10.72*	
		For >20 To 50, Add	*6.08*	
		For >50 To 100, Add	*2.32*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.92*	
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	20.18	10.36
		For Mountable Curb, Add	*1.47*	
		For Up To 20, Add	*12.37*	
		For >20 To 50, Add	*7.02*	
		For >50 To 100, Add	*2.68*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000, Deduct	*-4.52*	
32 16 13 13-0004	LF	6" x 14" Cast In Place Concrete Curb (Type A1-8)	19.36	9.00
		For Mountable Curb, Add	*1.38*	
		For Up To 20, Add	*11.75*	
		For >20 To 50, Add	*6.66*	
		For >50 To 100, Add	*2.54*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-4.30*	
32 16 13 13-0005	LF	6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	22.20	10.36
		For Mountable Curb, Add	*1.60*	
		For Up To 20, Add	*13.56*	
		For >20 To 50, Add	*7.69*	
		For >50 To 100, Add	*2.93*	
		For >500 To 1,000, Deduct	*-2.93*	
		For >1,000, Deduct	*-4.95*	
32 16 13 13-0006	LF	6" x 16" Cast In Place Concrete Curb	21.33	9.00
		For Mountable Curb, Add	*1.48*	
		For Up To 20, Add	*12.82*	
		For >20 To 50, Add	*7.27*	
		For >50 To 100, Add	*2.78*	
		For >500 To 1,000, Deduct	*-2.78*	
		For >1,000, Deduct	*-4.70*	
32 16 13 13-0007	LF	6" x 16" Cast In Place Concrete Curb - Radius	24.38	13.51
		For Mountable Curb, Add	*1.73*	
		For Up To 20, Add	*14.78*	
		For >20 To 50, Add	*8.38*	
		For >50 To 100, Add	*3.20*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-5.41*	
32 16 13 13-0008	LF	6" x 18" Cast In Place Concrete Curb	22.90	9.00
		For Mountable Curb, Add	*1.56*	
		For Up To 20, Add	*13.68*	
		For >20 To 50, Add	*7.75*	
		For >50 To 100, Add	*2.97*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000, Deduct	*-5.02*	
32 16 13 13-0009	LF	6" x 18" Cast In Place Concrete Curb - Radius	25.88	10.36
		For Mountable Curb, Add	*1.79*	
		For Up To 20, Add	*15.53*	
		For >20 To 50, Add	*8.80*	
		For >50 To 100, Add	*3.37*	
		For >500 To 1,000, Deduct	*-3.37*	
		For >1,000, Deduct	*-5.69*	
32 16 13 13-0010	LF	6" x 24" Cast In Place Concrete Curb	26.35	9.91
		For Mountable Curb, Add	*1.65*	
		For Up To 20, Add	*15.28*	
		For >20 To 50, Add	*8.64*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.64*	
32 16 13 13-0011	LF	6" x 24" Cast In Place Concrete Curb - Radius	29.48	11.25
		For Mountable Curb, Add	*1.87*	
		For Up To 20, Add	*17.15*	
		For >20 To 50, Add	*9.70*	
		For >50 To 100, Add	*3.73*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-6.32*	
32 16 13 13-0012	LF	12" x 24" Cast In Place Concrete Curb	34.56	11.25
		For Mountable Curb, Add	*1.59*	
		For Up To 20, Add	*18.17*	
		For >20 To 50, Add	*10.21*	
		For >50 To 100, Add	*3.98*	
		For >500 To 1,000, Deduct	*-3.98*	
		For >1,000, Deduct	*-6.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0013	LF	12" x 24" Cast In Place Concrete Curb - Radius	38.48	12.60
		For Mountable Curb, Add	*1.79*	
		For Up To 20, Add	*20.31*	
		For >20 To 50, Add	*11.41*	
		For >50 To 100, Add	*4.45*	
		For >500 To 1,000, Deduct	*-4.45*	
		For >1,000, Deduct	*-7.63*	
32 16 13 13-0014	EA	Additional Finish For Handicap Drop Section In Curb	67.53	

32 16 13 13-0015 Cast In Place Concrete Curb And Gutter *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0016	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	24.52	11.08
		For Up To 20, Add	*16.65*	
		For >20 To 50, Add	*9.30*	
		For >50 To 100, Add	*3.68*	
		For >500 To 1,000, Deduct	*-3.17*	
		For >1,000, Deduct	*-5.36*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.66*	
32 16 13 13-0017	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	26.74	14.78
		For Up To 20, Add	*18.17*	
		For >20 To 50, Add	*10.15*	
		For >50 To 100, Add	*4.01*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-5.86*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.82*	
32 16 13 13-0018	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	31.17	12.29
		For Up To 20, Add	*21.15*	
		For >20 To 50, Add	*11.80*	
		For >50 To 100, Add	*4.68*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-6.79*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.08*	
32 16 13 13-0019	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	34.45	13.68
		For Up To 20, Add	*23.40*	
		For >20 To 50, Add	*13.06*	
		For >50 To 100, Add	*5.17*	
		For >500 To 1,000, Deduct	*-4.45*	
		For >1,000, Deduct	*-7.53*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.33*	
32 16 13 13-0020	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight (Type A3-6)	37.82	14.78
		For Up To 20, Add	*25.65*	
		For >20 To 50, Add	*14.30*	
		For >50 To 100, Add	*5.67*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000, Deduct	*-8.22*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.50*	
32 16 13 13-0021	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius (Type A3-6)	42.14	16.63
		For Up To 20, Add	*28.61*	
		For >20 To 50, Add	*15.97*	
		For >50 To 100, Add	*6.32*	
		For >500 To 1,000, Deduct	*-5.43*	
		For >1,000, Deduct	*-9.20*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.84*	
32 16 13 13-0022	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	44.94	17.55
		For Up To 20, Add	*30.48*	
		For >20 To 50, Add	*16.99*	
		For >50 To 100, Add	*6.74*	
		For >500 To 1,000, Deduct	*-5.76*	
		For >1,000, Deduct	*-9.76*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.97*	
32 16 13 13-0023	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	49.38	19.40
		For Up To 20, Add	*33.51*	
		For >20 To 50, Add	*18.69*	
		For >50 To 100, Add	*7.41*	
		For >500 To 1,000, Deduct	*-6.35*	
		For >1,000, Deduct	*-10.76*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.30*	
32 16 13 13-0024	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	52.05	20.33
		For Up To 20, Add	*35.30*	
		For >20 To 50, Add	*19.68*	
		For >50 To 100, Add	*7.81*	
		For >500 To 1,000, Deduct	*-6.67*	
		For >1,000, Deduct	*-11.30*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.44*	
32 16 13 13-0025	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	56.63	22.18
		For Up To 20, Add	*38.41*	
		For >20 To 50, Add	*21.42*	
		For >50 To 100, Add	*8.49*	
		For >500 To 1,000, Deduct	*-7.27*	
		For >1,000, Deduct	*-12.32*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0026	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	59.16	23.10
		For Up To 20, Add	*40.12*	
		For >20 To 50, Add	*22.37*	
		For >50 To 100, Add	*8.87*	
		For >500 To 1,000, Deduct	*-7.58*	
		For >1,000, Deduct	*-12.84*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.91*	
32 16 13 13-0027	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	65.72	25.87
		For Up To 20, Add	*44.61*	
		For >20 To 50, Add	*24.89*	
		For >50 To 100, Add	*9.86*	
		For >500 To 1,000, Deduct	*-8.46*	
		For >1,000, Deduct	*-14.33*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.41*	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job) Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	1,431.64	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	11.95	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	16.31	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	15.77	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	20.90	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	16.31	5.20
		For Curved Section, Add	*3.58*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	17.94	5.92
		For Curved Section, Add	*4.01*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.17	6.63
		For Curved Section, Add	*4.91*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	29.66	7.46
		For Curved Section, Add	*5.74*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	36.28	8.16
		For Curved Section, Add	*6.68*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	47.42	10.41
		For Curved Section, Add	*8.63*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	54.70	13.48
		For Curved Section, Add	*10.51*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	170.84	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	20.96	
		For Up To 20, Add	*9.70*	
		For >20 To 50, Add	*5.40*	
		For >50 To 100, Add	*2.15*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-3.75*	
32 16 13 19-0003	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	25.69	
		For Up To 20, Add	*11.76*	
		For >20 To 50, Add	*6.54*	
		For >50 To 100, Add	*2.61*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-4.56*	
32 16 13 19-0004	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	30.37	
		For Up To 20, Add	*13.80*	
		For >20 To 50, Add	*7.67*	
		For >50 To 100, Add	*3.06*	
		For >500 To 1,000, Deduct	*-3.06*	
		For >1,000, Deduct	*-5.35*	
32 16 13 19-0005	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	35.03	
		For Up To 20, Add	*15.82*	
		For >20 To 50, Add	*8.79*	
		For >50 To 100, Add	*3.51*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-6.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0006	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	39.70	
		For Up To 20, Add	*17.84*	
		For >20 To 50, Add	*9.91*	
		For >50 To 100, Add	*3.97*	
		For >500 To 1,000, Deduct	*-3.97*	
		For >1,000, Deduct	*-6.94*	
32 16 13 19-0007	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	47.14	
		For Up To 20, Add	*20.56*	
		For >20 To 50, Add	*11.40*	
		For >50 To 100, Add	*4.58*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-8.05*	
32 16 13 19-0008	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	54.31	
		For Up To 20, Add	*23.09*	
		For >20 To 50, Add	*12.77*	
		For >50 To 100, Add	*5.16*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-9.10*	
32 16 13 19-0009	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	9.05	
		For Up To 100, Add	*3.85*	
		For >100 To 250, Add	*2.13*	
		For >250 To 500, Add	*0.86*	
		For >2,500 To 5,000, Deduct	*-0.86*	
		For >5,000, Deduct	*-1.52*	
32 16 13 19-0010	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	23.04	
		For Up To 20, Add	*10.40*	
		For >20 To 50, Add	*5.78*	
		For >50 To 100, Add	*2.31*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-4.04*	
32 16 13 19-0011	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	28.45	
		For Up To 20, Add	*12.76*	
		For >20 To 50, Add	*7.09*	
		For >50 To 100, Add	*2.84*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-4.97*	
32 16 13 19-0012	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	33.46	
		For Up To 20, Add	*14.84*	
		For >20 To 50, Add	*8.23*	
		For >50 To 100, Add	*3.30*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000, Deduct	*-5.79*	
32 16 13 19-0013	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	38.64	
		For Up To 20, Add	*17.03*	
		For >20 To 50, Add	*9.44*	
		For >50 To 100, Add	*3.79*	
		For >500 To 1,000, Deduct	*-3.79*	
		For >1,000, Deduct	*-6.65*	
32 16 13 19-0014	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	43.80	
		For Up To 20, Add	*19.21*	
		For >20 To 50, Add	*10.65*	
		For >50 To 100, Add	*4.28*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-7.52*	
32 16 13 19-0015	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	52.13	
		For Up To 20, Add	*22.18*	
		For >20 To 50, Add	*12.27*	
		For >50 To 100, Add	*4.96*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000, Deduct	*-8.74*	
32 16 13 19-0016	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	60.17	
		For Up To 20, Add	*24.94*	
		For >20 To 50, Add	*13.76*	
		For >50 To 100, Add	*5.59*	
		For >500 To 1,000, Deduct	*-5.59*	
		For >1,000, Deduct	*-9.89*	
32 16 13 19-0017	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	10.03	
		For Up To 100, Add	*4.16*	
		For >100 To 250, Add	*2.30*	
		For >250 To 500, Add	*0.93*	
		For >2,500 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.65*	
32 16 13 19-0018	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	23.19	
		For Up To 20, Add	*10.74*	
		For >20 To 50, Add	*5.98*	
		For >50 To 100, Add	*2.38*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-4.15*	
32 16 13 19-0019	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	28.46	
		For Up To 20, Add	*13.05*	
		For >20 To 50, Add	*7.26*	
		For >50 To 100, Add	*2.90*	
		For >500 To 1,000, Deduct	*-2.90*	
		For >1,000, Deduct	*-5.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0020	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	33.63	
		For Up To 20, Add	*15.30*	
		For >20 To 50, Add	*8.51*	
		For >50 To 100, Add	*3.40*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-5.93*	
32 16 13 19-0021	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	38.81	
		For Up To 20, Add	*17.55*	
		For >20 To 50, Add	*9.75*	
		For >50 To 100, Add	*3.90*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000, Deduct	*-6.82*	
32 16 13 19-0022	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	44.00	
		For Up To 20, Add	*19.81*	
		For >20 To 50, Add	*11.00*	
		For >50 To 100, Add	*4.40*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-7.70*	
32 16 13 19-0023	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	52.24	
32 16 13 19-0024	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	60.16	
32 16 13 19-0025	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	10.03	
		For Up To 100, Add	*4.27*	
		For >100 To 250, Add	*2.36*	
		For >250 To 500, Add	*0.95*	
		For >2,500 To 5,000, Deduct	*-0.95*	
		For >5,000, Deduct	*-1.68*	

32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	40.37	9.60
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	48.15	11.04
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	42.79	9.60
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	51.35	11.04
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	43.89	9.60
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	52.62	11.04
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	46.63	9.60
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	56.10	11.04

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	13.23	5.32
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	14.90	5.92
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	16.43	6.51

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0002	LF	Removal And Reseting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	33.06	

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0081 for buggies, 03 31 13 00-0088 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	8.67	
		For Up To 100, Add	*3.69*	
		For >100 To 500, Add	*1.04*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.35*	
		For Welded Wire Reinforcement, Add	*0.80*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	9.42	
		For Up To 100, Add	*3.94*	
		For >100 To 500, Add	*1.10*	
		For >1,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-1.42*	
		For Welded Wire Reinforcement, Add	*0.80*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	10.18	
		For Up To 100, Add	*4.18*	
		For >100 To 500, Add	*1.16*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.49*	
		For Welded Wire Reinforcement, Add	*0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	11.91	
		For Up To 100, Add	*4.84*	
		For >100 To 500, Add	*1.34*	
		For >1,000 To 5,000, Deduct	*-0.74*	
		For >5,000, Deduct	*-1.71*	
		For Welded Wire Reinforcement, Add	*0.80*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	12.57	
		For Up To 100, Add	*5.03*	
		For >100 To 500, Add	*1.38*	
		For >1,000 To 5,000, Deduct	*-0.76*	
		For >5,000, Deduct	*-1.76*	
		For Welded Wire Reinforcement, Add	*0.80*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.17	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	130.48	

32 16 23 00-0009 Bituminous Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.

32 16 23 00-0010	SY	1" Bituminous Sidewalk	9.72	
		For Up To 100, Add	*3.55*	
		For >100 To 500, Add	*0.94*	
		For >1,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.94*	
32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk	12.25	
		For Up To 100, Add	*4.41*	
		For >100 To 500, Add	*1.15*	
		For >1,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-1.15*	
32 16 23 00-0012	SY	2" Bituminous Sidewalk	17.13	
		For Up To 100, Add	*5.96*	
		For >100 To 500, Add	*1.53*	
		For >1,000 To 5,000, Deduct	*-0.67*	
		For >5,000, Deduct	*-1.53*	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk	21.41	
		For Up To 100, Add	*7.43*	
		For >100 To 500, Add	*1.90*	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.90*	
32 16 23 00-0014	SY	3" Bituminous Sidewalk	24.74	
		For Up To 100, Add	*8.43*	
		For >100 To 500, Add	*2.14*	
		For >1,000 To 5,000, Deduct	*-0.90*	
		For >5,000, Deduct	*-2.14*	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk	28.65	
		For Up To 100, Add	*9.63*	
		For >100 To 500, Add	*2.42*	
		For >1,000 To 5,000, Deduct	*-0.99*	
		For >5,000, Deduct	*-2.42*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.21	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	9.92	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	9.92	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	14.25	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	16.89	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.72	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	10.31	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	15.92	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.21	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.72	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	15.92	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	10.31	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	5.46	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	166.28	6.87
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	188.33	6.87

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	42.54	20.67
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	48.92	20.67
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	49.74	20.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	51.44	20.67
32 17 13 19-0005	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop With Dowels	48.92	20.67
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	58.26	20.67
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	33.07	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	21.50	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	27.87	6.87
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	32.25	6.87
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	34.01	6.87
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	36.64	6.87

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	12.32	1.65
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	17.74	1.65

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Modular Rubber Speed Tables *(32 17 16)*
Note: 3" high flat topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.

32 17 16 00-0002	SF	Up To 24' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	58.90
32 17 16 00-0003	SF	Up To 24' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	51.47
32 17 16 00-0004	SF	Up To 24' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	48.39
32 17 16 00-0005	SF	>24' To 30' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	56.39
32 17 16 00-0006	SF	>24' To 30' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	49.68
32 17 16 00-0007	SF	>24' To 30' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	46.96
32 17 16 00-0008	SF	>30' To 40' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	53.92
32 17 16 00-0009	SF	>30' To 40' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	48.25
32 17 16 00-0010	SF	>30' To 40' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	45.78

32 17 16 00-0011 Asphalt Speed Table *(32 17 16)*
Note: Excludes pavement markings or reflectors.

32 17 16 00-0012	LF	Up to 36" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	35.54
32 17 16 00-0013	LF	>36" To 48" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	42.02
32 17 16 00-0014	LF	Up to 36" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	44.72
32 17 16 00-0015	LF	>36" To 48" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	52.87
32 17 16 00-0016	LF	Up to 36" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	54.41
32 17 16 00-0017	LF	>36" To 48" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	60.88

32 17 16 00-0018 Speed Bumps *(32 17 16)*
Note: Excludes pavement markings or reflectors.

32 17 16 00-0019	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	38.95	1.82
32 17 16 00-0020	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	27.12	1.21
32 17 16 00-0021	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	121.71	1.21

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*
Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0002		Epoxy Reflective Pavement Marking *(32 17 23 13-0001)* Note: 15 mil thickness.			
32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping		0.51	
		For 20 Mil Thickness, Add		*0.11*	
		For Up To 5,000 LF, Add		*0.10*	
		For >25,000 LF, Deduct		*-0.08*	
		For Broken Line, Deduct		*-0.22*	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping		0.71	
		For 20 Mil Thickness, Add		*0.16*	
		For Up To 5,000 LF, Add		*0.14*	
		For >25,000 LF, Deduct		*-0.11*	
		For Broken Line, Deduct		*-0.33*	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping		0.86	
		For 20 Mil Thickness, Add		*0.19*	
		For Up To 5,000 LF, Add		*0.17*	
		For >25,000 LF, Deduct		*-0.13*	
		For Broken Line, Deduct		*-0.39*	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping		1.29	
		For 20 Mil Thickness, Add		*0.31*	
		For Up To 5,000 LF, Add		*0.26*	
		For >25,000 LF, Deduct		*-0.19*	
		For Broken Line, Deduct		*-0.64*	
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping		0.79	
		For 20 Mil Thickness, Add		*0.20*	
		For Up To 5,000 LF, Add		*0.16*	
		For >25,000 LF, Deduct		*-0.12*	
		For Broken Line On One Side, Deduct		*-0.21*	
		For Double Broken Line, Deduct		*-0.43*	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping		1.12	
		For 20 Mil Thickness, Add		*0.30*	
		For Up To 5,000 LF, Add		*0.22*	
		For >25,000 LF, Deduct		*-0.17*	
		For Broken Line On One Side, Deduct		*-0.32*	
		For Double Broken Line, Deduct		*-0.64*	
32 17 23 13-0009	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking		3.48	
		For 20 Mil Thickness, Add		*0.35*	
		For <10, Add		*0.43*	
		For >50 To 100, Deduct		*-0.22*	
		For >100 To 200, Deduct		*-0.29*	
		For >200, Deduct		*-0.57*	
32 17 23 13-0010	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking		6.55	
		For 20 Mil Thickness, Add		*0.95*	
		For <10, Add		*0.65*	
		For >50 To 100, Deduct		*-0.33*	
		For >100 To 200, Deduct		*-0.44*	
		For >200, Deduct		*-0.87*	
32 17 23 13-0011	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking		11.09	
		For 20 Mil Thickness, Add		*1.65*	
		For <10, Add		*1.08*	
		For >50 To 100, Deduct		*-0.54*	
		For >100 To 200, Deduct		*-0.72*	
		For >200, Deduct		*-1.45*	
32 17 23 13-0012	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking		21.22	
		For 20 Mil Thickness, Add		*2.98*	
		For <10, Add		*2.17*	
		For >50 To 100, Deduct		*-1.08*	
		For >100 To 200, Deduct		*-1.44*	
		For >200, Deduct		*-2.89*	
32 17 23 13-0013	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking		25.02	
		For 20 Mil Thickness, Add		*3.75*	
		For <10, Add		*2.43*	
		For >50 To 100, Deduct		*-1.22*	
		For >100 To 200, Deduct		*-1.62*	
		For >200, Deduct		*-3.24*	
32 17 23 13-0014	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking		44.94	
		For 20 Mil Thickness, Add		*6.81*	
		For <10, Add		*4.32*	
		For >50 To 100, Deduct		*-2.16*	
		For >100 To 200, Deduct		*-2.88*	
		For >200, Deduct		*-5.77*	
32 17 23 13-0015	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking		59.90	
		For 20 Mil Thickness, Add		*9.00*	
		For <10, Add		*5.81*	
		For >50 To 100, Deduct		*-2.90*	
		For >100 To 200, Deduct		*-3.87*	
		For >200, Deduct		*-7.74*	
32 17 23 13-0016	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking		95.27	
		For 20 Mil Thickness, Add		*18.17*	
		For <10, Add		*7.19*	
		For >50 To 100, Deduct		*-3.60*	
		For >100 To 200, Deduct		*-4.80*	
		For >200, Deduct		*-9.59*	
32 17 23 13-0017	SF	Letter/Number, Epoxy Reflective Pavement Marking		5.88	
		For 20 Mil Thickness, Add		*0.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0018	SF	Symbols, Epoxy Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.35	
		For 20 Mil Thickness, Add	*0.80*	

32 17 23 13-0019 Painted Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0020	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.06*	
32 17 23 13-0021	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.08*	
32 17 23 13-0022	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.48	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line, Deduct	*-0.11*	
32 17 23 13-0023	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line, Deduct	*-0.16*	
32 17 23 13-0024	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0025	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.16*	
32 17 23 13-0026	SF	Solid Area, Painted Reflective Pavement Striping Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	4.41	
32 17 23 13-0027	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	3.22	
		For <10, Add	*0.43*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 200, Deduct	*-0.29*	
		For >200, Deduct	*-0.57*	
32 17 23 13-0028	EA	12" High, Letter/Number, Painted Reflective Pavement Marking	5.63	
		For <10, Add	*0.65*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 200, Deduct	*-0.44*	
		For >200, Deduct	*-0.87*	
32 17 23 13-0029	EA	24" High, Letter/Number, Painted Reflective Pavement Marking	9.47	
		For <10, Add	*1.08*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 200, Deduct	*-0.72*	
		For >200, Deduct	*-1.45*	
32 17 23 13-0030	EA	36" High, Letter/Number, Painted Reflective Pavement Marking	18.38	
		For <10, Add	*2.17*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 200, Deduct	*-1.44*	
		For >200, Deduct	*-2.89*	
32 17 23 13-0031	EA	48" High, Letter/Number, Painted Reflective Pavement Marking	21.32	
		For <10, Add	*2.43*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.62*	
		For >200, Deduct	*-3.24*	
32 17 23 13-0032	EA	72" High, Letter/Number, Painted Reflective Pavement Marking	38.19	
		For <10, Add	*4.32*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-2.88*	
		For >200, Deduct	*-5.77*	
32 17 23 13-0033	EA	96" High, Letter/Number, Painted Reflective Pavement Marking	51.03	
		For <10, Add	*5.81*	
		For >50 To 100, Deduct	*-2.90*	
		For >100 To 200, Deduct	*-3.87*	
		For >200, Deduct	*-7.74*	
32 17 23 13-0034	EA	120" High, Letter/Number, Painted Reflective Pavement Marking	75.45	
		For <10, Add	*7.19*	
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-4.80*	
		For >200, Deduct	*-9.59*	
32 17 23 13-0035	SF	Letter/Number, Painted Reflective Pavement Marking Note: Includes solvent based and latex paints.	5.24	
32 17 23 13-0036	SF	Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.	6.22	

32 17 23 13-0037 Painted Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)*

Note: Per LF of detail.

32 17 23 13-0038	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0039	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0040	LF	CALTRANS Detail 4 Centerline	0.68	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0041	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0042	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0043	LF	CALTRANS Detail 7 Centerline	0.49	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0044	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0045	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0046	LF	CALTRANS Detail 10 Lanelines	0.68	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0047	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0048	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0049	LF	CALTRANS Detail 13 Lanelines	0.49	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0050	LF	CALTRANS Detail 14 Lanelines	0.49	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0051	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0052	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0053	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.83	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0054	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	1.99	
		For Up To 5,000 LF, Add	*0.40*	
		For >25,000 LF, Deduct	*-0.30*	
32 17 23 13-0055	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0056	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0057	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.67	
		For Up To 5,000 LF, Add	*0.33*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0058	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.39	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.06*	
		For Double Broken Line, Deduct	*-0.13*	
32 17 23 13-0059	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.89	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0060	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	2.35	
		For Up To 5,000 LF, Add	*0.47*	
		For >25,000 LF, Deduct	*-0.35*	
32 17 23 13-0061	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0062	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0063	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.55	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0064	LF	CALTRANS Detail 26 Left Edgelines	0.13	
		For Up To 5,000 LF, Add	*0.03*	
		For >25,000 LF, Deduct	*-0.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0065	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0066	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0067	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0068	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.78	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
		For Broken Line On One Side, Deduct	*-0.13*	
		For Double Broken Line, Deduct	*-0.26*	
32 17 23 13-0069	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.28	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0070	LF	CALTRANS Detail 30 Median Islands	4.72	
		For Up To 5,000 LF, Add	*0.94*	
		For >25,000 LF, Deduct	*-0.71*	
32 17 23 13-0071	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.16*	
32 17 23 13-0072	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.27	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0073	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	3.22	
		For Up To 5,000 LF, Add	*0.64*	
		For >25,000 LF, Deduct	*-0.48*	
32 17 23 13-0074	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0075	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0076	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.83	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0077	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0078	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0079	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.96	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0080	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.03	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.15*	
32 17 23 13-0081	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.91	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0082	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	1.59	
		For Up To 5,000 LF, Add	*0.32*	
		For >25,000 LF, Deduct	*-0.24*	
32 17 23 13-0083	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.91	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0084	LF	CALTRANS Detail 37C Lane Drop At Intersections	1.59	
		For Up To 5,000 LF, Add	*0.32*	
		For >25,000 LF, Deduct	*-0.24*	
32 17 23 13-0085	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.87	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0086	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.62	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0087	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	1.12	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0088	LF	CALTRANS Detail 38C Channelizing Line	2.35	
		For Up To 5,000 LF, Add	*0.47*	
		For >25,000 LF, Deduct	*-0.35*	
32 17 23 13-0089	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0090	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0091	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.23	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0092	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.12	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0093	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.23	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0094	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	1.12	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0095	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	83.07	
		For <10, Add	*10.52*	
		For >50 To 100, Deduct	*-5.26*	
		For >100 To 200, Deduct	*-7.01*	
		For >200, Deduct	*-14.02*	
32 17 23 13-0096	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	145.84	
		For <10, Add	*18.41*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 200, Deduct	*-12.27*	
		For >200, Deduct	*-24.54*	
32 17 23 13-0097	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	182.96	
		For <10, Add	*23.14*	
		For >50 To 100, Deduct	*-11.57*	
		For >100 To 200, Deduct	*-15.43*	
		For >200, Deduct	*-30.86*	
32 17 23 13-0098	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	266.03	
		For <10, Add	*33.66*	
		For >50 To 100, Deduct	*-16.83*	
		For >100 To 200, Deduct	*-22.44*	
		For >200, Deduct	*-44.88*	
32 17 23 13-0099	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	349.11	
		For <10, Add	*44.18*	
		For >50 To 100, Deduct	*-22.09*	
		For >100 To 200, Deduct	*-29.45*	
		For >200, Deduct	*-58.91*	
32 17 23 13-0100	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	245.73	
		For <10, Add	*31.03*	
		For >50 To 100, Deduct	*-15.52*	
		For >100 To 200, Deduct	*-20.69*	
		For >200, Deduct	*-41.38*	
32 17 23 13-0101	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	428.68	
		For <10, Add	*54.17*	
		For >50 To 100, Deduct	*-27.09*	
		For >100 To 200, Deduct	*-36.12*	
		For >200, Deduct	*-72.23*	
32 17 23 13-0102	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	87.51	
		For <10, Add	*11.05*	
		For >50 To 100, Deduct	*-5.52*	
		For >100 To 200, Deduct	*-7.36*	
		For >200, Deduct	*-14.73*	
32 17 23 13-0103	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	191.82	
		For <10, Add	*24.20*	
		For >50 To 100, Deduct	*-12.10*	
		For >100 To 200, Deduct	*-16.13*	
		For >200, Deduct	*-32.26*	
32 17 23 13-0104	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	245.73	
		For <10, Add	*31.03*	
		For >50 To 100, Deduct	*-15.52*	
		For >100 To 200, Deduct	*-20.69*	
		For >200, Deduct	*-41.38*	
32 17 23 13-0105	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	158.40	
		For <10, Add	*19.99*	
		For >50 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-13.33*	
		For >200, Deduct	*-26.65*	
32 17 23 13-0106	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	208.62	
		For <10, Add	*26.30*	
		For >50 To 100, Deduct	*-13.15*	
		For >100 To 200, Deduct	*-17.53*	
		For >200, Deduct	*-35.06*	
32 17 23 13-0107	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	41.54	
		For <10, Add	*5.26*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 200, Deduct	*-3.51*	
		For >200, Deduct	*-7.01*	
32 17 23 13-0108	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	397.86	
		For <10, Add	*49.97*	
		For >50 To 100, Deduct	*-24.98*	
		For >100 To 200, Deduct	*-33.31*	
		For >200, Deduct	*-66.62*	
32 17 23 13-0109	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	5.20	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0110	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	40.46	
		For <10, Add	*3.79*	
		For >50 To 100, Deduct	*-1.89*	
		For >100 To 200, Deduct	*-2.52*	
		For >200, Deduct	*-5.05*	
32 17 23 13-0111	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	42.87	
		For <10, Add	*4.00*	
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 200, Deduct	*-2.67*	
		For >200, Deduct	*-5.33*	
32 17 23 13-0112	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	66.28	
		For <10, Add	*8.42*	
		For >50 To 100, Deduct	*-4.21*	
		For >100 To 200, Deduct	*-5.61*	
		For >200, Deduct	*-11.22*	
32 17 23 13-0113	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	134.88	
		For <10, Add	*17.04*	
		For >50 To 100, Deduct	*-8.52*	
		For >100 To 200, Deduct	*-11.36*	
		For >200, Deduct	*-22.72*	
32 17 23 13-0114	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	28.42	
		For <10, Add	*4.00*	
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 200, Deduct	*-2.67*	
		For >200, Deduct	*-5.33*	
32 17 23 13-0115	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	5.27	
32 17 23 13-0116	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	5.83	

32 17 23 13-0117 Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

Note: Includes primers. Per Coat.

32 17 23 13-0118 Painted Pavement Marking For Parking Areas *(32 17 23 13-0117)*

Note: 15 mil thickness.

32 17 23 13-0119	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.12	
32 17 23 13-0120	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.22	
32 17 23 13-0121	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.30	
32 17 23 13-0122	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.46	
32 17 23 13-0123	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.15	
		For Up To 10, Add	*0.42*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 200, Deduct	*-0.28*	
		For >200, Deduct	*-0.56*	
32 17 23 13-0124	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	5.43	
		For Up To 10, Add	*0.63*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 200, Deduct	*-0.42*	
		For >200, Deduct	*-0.84*	
32 17 23 13-0125	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	9.17	
		For Up To 10, Add	*1.05*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.70*	
		For >200, Deduct	*-1.40*	
32 17 23 13-0126	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	17.11	
		For Up To 10, Add	*2.00*	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 200, Deduct	*-1.33*	
		For >200, Deduct	*-2.66*	
32 17 23 13-0127	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	22.59	
		For Up To 10, Add	*2.73*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 200, Deduct	*-1.82*	
		For >200, Deduct	*-3.65*	
32 17 23 13-0128	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	27.38	
		For Up To 10, Add	*3.37*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-4.49*	
32 17 23 13-0129	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	37.05	
		For Up To 10, Add	*4.21*	
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.61*	
32 17 23 13-0130	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	68.56	
32 17 23 13-0131	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	79.65	
32 17 23 13-0132	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	116.43	
32 17 23 13-0133	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	118.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0134	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	157.91	
32 17 23 13-0135	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	27.02	
		For Blue Background With White Symbol, Add	*21.58*	
		For Blue Background With White Symbol And Border, Add	*26.97*	
32 17 23 13-0136	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	41.12	
		For Blue Background With White Symbol, Add	*45.84*	
		For Blue Background With White Symbol And Border, Add	*57.30*	
32 17 23 13-0137		Painted Curbs *(32 17 23 13)* Note: All colors.		
32 17 23 13-0138	LF	Reflective Painted Curb	2.61	
32 17 23 13-0139	LF	Reflective Painted Curb And Gutter	5.03	
32 17 23 13-0140	LF	Painted Curb	2.12	
32 17 23 13-0141	LF	Painted Curb And Gutter	4.61	
32 17 23 13-0142		Markings For Outdoor Play Areas, Courts *(32 17 23 13)*		
32 17 23 13-0143	LF	2" Wide Marking For Outdoor Play Areas	0.92	
32 17 23 13-0144	LF	3" Wide Marking For Outdoor Play Areas	1.03	
32 17 23 13-0145	LF	4" Wide Marking For Outdoor Play Areas	1.16	
32 17 23 13-0146	LF	6" Wide Marking For Outdoor Play Areas	1.36	
32 17 23 13-0147	EA	Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	204.77	
32 17 23 23		**Raised Pavement Markings** *(32 17 23)*		
32 17 23 23-0001		Raised Pavement Markers (RPMs) *(32 17 23 23)*		
32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	5.64	2.50
		For >100, Deduct	*-0.56*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	5.96	2.50
		For >100, Deduct	*-0.60*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	6.70	2.50
		For >100, Deduct	*-0.67*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	5.23	2.50
		For >100, Deduct	*-0.52*	
32 17 23 23-0006		Snowplowable Pavement Markers *(32 17 23 23)*		
32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	70.54	30.36
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	70.82	30.36
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	19.25	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	24.59	
32 17 23 33		**Plastic Pavement Markings** *(32 17 23)*		
32 17 23 33-0001		Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)* Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.32	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.20*	
		For 60 mils Thick, Deduct	*-0.18*	
		For 125 mils Thick, Add	*0.23*	
		For Broken Line, Deduct	*-0.77*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	1.89	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
		For 60 mils Thick, Deduct	*-0.27*	
		For 125 mils Thick, Add	*0.34*	
		For Broken Line, Deduct	*-1.15*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.50	
		For Up To 5,000 LF, Add	*0.50*	
		For >25,000 LF, Deduct	*-0.38*	
		For 60 mils Thick, Deduct	*-0.36*	
		For 125 mils Thick, Add	*0.46*	
		For Broken Line, Deduct	*-1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.65	
		For Up To 5,000 LF, Add	*0.73*	
		For >25,000 LF, Deduct	*-0.55*	
		For 60 mils Thick, Deduct	*-0.54*	
		For 125 mils Thick, Add	*0.69*	
		For Broken Line, Deduct	*-2.30*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.48	
		For Up To 5,000 LF, Add	*0.50*	
		For >25,000 LF, Deduct	*-0.37*	
		For 60 mils Thick, Deduct	*-0.36*	
		For 125 mils Thick, Add	*0.46*	
		For Broken Line On One Side, Deduct	*-0.77*	
		For Double Broken Line, Deduct	*-1.53*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.65	
		For Up To 5,000 LF, Add	*0.73*	
		For >25,000 LF, Deduct	*-0.55*	
		For 60 mils Thick, Deduct	*-0.54*	
		For 125 mils Thick, Add	*0.69*	
		For Broken Line On One Side, Deduct	*-1.15*	
		For Double Broken Line, Deduct	*-2.30*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	7.24	
		For 60 mils Thick, Deduct	*-0.53*	
		For 125 mils Thick, Add	*0.68*	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	4.64	
		For Up To 10, Add	*0.47*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 200, Deduct	*-0.32*	
		For >200, Deduct	*-0.63*	
		For 60 mils Thick, Deduct	*-0.26*	
		For 125 mils Thick, Add	*0.33*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.12	
		For Up To 10, Add	*0.71*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 200, Deduct	*-0.48*	
		For >200, Deduct	*-0.95*	
		For 60 mils Thick, Deduct	*-0.94*	
		For 125 mils Thick, Add	*1.21*	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	17.30	
		For Up To 10, Add	*1.19*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 200, Deduct	*-0.79*	
		For >200, Deduct	*-1.58*	
		For 60 mils Thick, Deduct	*-1.64*	
		For 125 mils Thick, Add	*2.11*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	32.41	
		For Up To 10, Add	*2.39*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 200, Deduct	*-1.59*	
		For >200, Deduct	*-3.18*	
		For 60 mils Thick, Deduct	*-2.89*	
		For 125 mils Thick, Add	*3.71*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	39.25	
		For Up To 10, Add	*2.67*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.56*	
		For 60 mils Thick, Deduct	*-3.75*	
		For 125 mils Thick, Add	*4.82*	
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	70.87	
		For Up To 10, Add	*4.76*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.17*	
		For >200, Deduct	*-6.34*	
		For 60 mils Thick, Deduct	*-6.85*	
		For 125 mils Thick, Add	*8.81*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	94.11	
		For Up To 10, Add	*6.39*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 200, Deduct	*-4.26*	
		For >200, Deduct	*-8.51*	
		For 60 mils Thick, Deduct	*-9.02*	
		For 125 mils Thick, Add	*11.60*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	167.78	
		For Up To 10, Add	*7.91*	
		For >50 To 100, Deduct	*-3.96*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-10.55*	
		For 60 mils Thick, Deduct	*-20.13*	
		For 125 mils Thick, Add	*25.88*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	8.47	
		For 60 mils Thick, Deduct	*-0.65*	
		For 125 mils Thick, Add	*0.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Per SY of area.	24.37	
		For 60 mils Thick, Deduct	*-1.20*	
		For 125 mils Thick, Add	*1.54*	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	219.23	
		For 60 mils Thick, Deduct	*-14.94*	
		For 125 mils Thick, Add	*19.20*	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	652.49	
		For 60 mils Thick, Deduct	*-45.46*	
		For 125 mils Thick, Add	*58.45*	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	145.59	
		For 60 mils Thick, Deduct	*-20.57*	
		For 125 mils Thick, Add	*26.45*	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	104.85	
		For 60 mils Thick, Deduct	*-7.14*	
		For 125 mils Thick, Add	*9.18*	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	9.53	
		For 60 mils Thick, Deduct	*-0.65*	
		For 125 mils Thick, Add	*0.83*	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	133.43	
		For 60 mils Thick, Deduct	*-9.09*	
		For 125 mils Thick, Add	*11.69*	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	238.29	
		For 60 mils Thick, Deduct	*-16.24*	
		For 125 mils Thick, Add	*20.88*	
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	295.48	
		For 60 mils Thick, Deduct	*-20.13*	
		For 125 mils Thick, Add	*25.88*	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	428.93	
		For 60 mils Thick, Deduct	*-29.23*	
		For 125 mils Thick, Add	*37.58*	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	562.37	
		For 60 mils Thick, Deduct	*-38.32*	
		For 125 mils Thick, Add	*49.26*	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	400.32	
		For 60 mils Thick, Deduct	*-27.28*	
		For 125 mils Thick, Add	*35.07*	
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	695.82	
		For 60 mils Thick, Deduct	*-47.41*	
		For 125 mils Thick, Add	*60.95*	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	142.98	
		For 60 mils Thick, Deduct	*-9.74*	
		For 125 mils Thick, Add	*12.53*	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	314.54	
		For 60 mils Thick, Deduct	*-21.43*	
		For 125 mils Thick, Add	*27.55*	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	400.32	
		For 60 mils Thick, Deduct	*-27.28*	
		For 125 mils Thick, Add	*35.07*	
32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	257.36	
		For 60 mils Thick, Deduct	*-17.54*	
		For 125 mils Thick, Add	*22.55*	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	343.14	
		For 60 mils Thick, Deduct	*-23.38*	
		For 125 mils Thick, Add	*30.06*	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	66.73	
		For 60 mils Thick, Deduct	*-4.55*	
		For 125 mils Thick, Add	*5.85*	

32 17 23 33-0038 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.50	
		For 60 mils Thick, Deduct	*-0.18*	
		For 125 mils Thick, Add	*0.23*	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.22	
		For 60 mils Thick, Deduct	*-0.27*	
		For 125 mils Thick, Add	*0.34*	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.01	
		For 60 mils Thick, Deduct	*-0.36*	
		For 125 mils Thick, Add	*0.46*	
32 17 23 33-0042	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.79	
		For 60 mils Thick, Deduct	*-0.54*	
		For 125 mils Thick, Add	*0.69*	
32 17 23 33-0043	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	10.54	
		For 60 mils Thick, Deduct	*-1.07*	
		For 125 mils Thick, Add	*1.37*	

32 17 23 33-0044 Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0045	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.81	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
32 17 23 33-0046	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.15	
		For Up To 5,000 LF, Add	*0.83*	
		For >25,000 LF, Deduct	*-0.62*	
32 17 23 33-0047	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	5.51	
		For Up To 5,000 LF, Add	*1.10*	
		For >25,000 LF, Deduct	*-0.83*	
32 17 23 33-0048	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	8.17	
		For Up To 5,000 LF, Add	*1.63*	
		For >25,000 LF, Deduct	*-1.23*	
32 17 23 33-0049	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape Note: Includes yellow or white.	21.59	
32 17 23 33-0050	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	32.20	
		For <10, Add	*0.86*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 200, Deduct	*-0.58*	
		For >200, Deduct	*-1.15*	
32 17 23 33-0051	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	57.63	
		For <10, Add	*1.09*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 200, Deduct	*-0.73*	
		For >200, Deduct	*-1.46*	
32 17 23 33-0052	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	98.48	
		For <10, Add	*2.17*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 200, Deduct	*-1.44*	
		For >200, Deduct	*-2.89*	
32 17 23 33-0053	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	139.97	
		For <10, Add	*4.33*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 200, Deduct	*-2.89*	
		For >200, Deduct	*-5.78*	
32 17 23 33-0054	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	164.47	
		For <10, Add	*4.86*	
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 200, Deduct	*-3.24*	
		For >200, Deduct	*-6.48*	
32 17 23 33-0055	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	206.10	
		For <10, Add	*8.65*	
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-5.77*	
		For >200, Deduct	*-11.53*	
32 17 23 33-0056	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	261.70	
		For <10, Add	*11.61*	
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 200, Deduct	*-7.74*	
		For >200, Deduct	*-15.48*	
32 17 23 33-0057	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	328.34	
		For <10, Add	*14.39*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 200, Deduct	*-9.59*	
		For >200, Deduct	*-19.19*	
32 17 23 33-0058	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	22.15	
32 17 23 33-0059	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	23.21	

32 17 23 33-0060 Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: Heat applied. (Flint PreMark or HotTape Series).

32 17 23 33-0061	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	317.05
32 17 23 33-0062	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	841.69
32 17 23 33-0063	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	164.22
32 17 23 33-0064	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	137.11
32 17 23 33-0065	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	272.71
32 17 23 33-0066	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	160.15
32 17 23 33-0067	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	304.49
32 17 23 33-0068	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	525.39
32 17 23 33-0069	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	794.98
32 17 23 33-0070	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	279.58

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0071	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	311.36	
32 17 23 33-0072	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	580.66	
32 17 23 33-0073	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	533.10	
32 17 23 33-0074	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	535.20	
32 17 23 33-0075	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	740.78	

32 17 23 33-0076 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*

32 17 23 33-0077 Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0076)*
Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0078	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	106.53	
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	408.45	
32 17 23 33-0080	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	229.68	
32 17 23 33-0081	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	276.42	
32 17 23 33-0082	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	289.79	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)*
Note: Truncated dome, raised strips or directional bars. All colors.

32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	60.99	7.83
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	50.81	7.83

32 17 26 00-0004 Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SafetyStep TD) *(32 17 26)*
Note: Pre-molded tactile dome sheet. All colors.

32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	69.80	7.83
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	62.75	7.83

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001 Tile Playground Surface Material *(32 18 16 13)*
Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.

32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	19.43	2.27
		For Manufacturer's Standard Colors, Add	*1.14*	
		For Interlocking Tiles, Add	*2.53*	
		For Mechanically Fastened, Add	*1.76*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	19.86	2.40
		For Manufacturer's Standard Colors, Add	*1.14*	
		For Interlocking Tiles, Add	*2.53*	
		For Mechanically Fastened, Add	*1.84*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	20.71	2.68
		For Manufacturer's Standard Colors, Add	*1.14*	
		For Interlocking Tiles, Add	*2.53*	
		For Mechanically Fastened, Add	*2.01*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	21.56	2.97
		For Manufacturer's Standard Colors, Add	*1.14*	
		For Interlocking Tiles, Add	*2.53*	
		For Mechanically Fastened, Add	*2.18*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	24.04	3.25
		For Manufacturer's Standard Colors, Add	*0.86*	
		For Interlocking Tiles, Add	*2.86*	
		For Mechanically Fastened, Add	*2.35*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	24.98	3.56
		For Manufacturer's Standard Colors, Add	*0.86*	
		For Interlocking Tiles, Add	*2.86*	
		For Mechanically Fastened, Add	*2.54*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	25.96	3.88
		For Manufacturer's Standard Colors, Add	*0.86*	
		For Interlocking Tiles, Add	*2.86*	
		For Mechanically Fastened, Add	*2.73*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	28.50	4.15
		For Manufacturer's Standard Colors, Add	*0.48*	
		For Interlocking Tiles, Add	*3.19*	
		For Mechanically Fastened, Add	*2.91*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	29.35	4.49
		For Manufacturer's Standard Colors, Add	*0.48*	
		For Interlocking Tiles, Add	*3.19*	
		For Mechanically Fastened, Add	*3.08*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	30.28	4.75
		For Manufacturer's Standard Colors, Add	*0.48*	
		For Interlocking Tiles, Add	*3.19*	
		For Mechanically Fastened, Add	*3.27*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	34.81	5.34
		For Manufacturer's Standard Colors, Add	*0.47*	
		For Interlocking Tiles, Add	*3.74*	
		For Mechanically Fastened, Add	*3.62*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

32 18 16 13-0013 Loose Laid Playground Surface Material *(32 18 16 13)*

Note: Excludes sub base.

32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	1.72	0.34
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.31	0.42
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	2.97	0.51
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	4.19	0.77
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.14	0.34
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.88	0.42
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.20	0.51
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	7.58	0.77
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.	10.96	1.27
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.	13.90	1.70

32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	15.64	2.53
		For Up To 2,000, Add	*3.35*	
		For >2,000 To 3,000, Add	*2.36*	
		For >3,000 To 4,000, Add	*1.60*	
		For >4,000 To 5,000, Add	*1.02*	
		For >5,000 To 7,000, Add	*0.42*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	16.13	2.81
		For Up To 2,000, Add	*3.45*	
		For >2,000 To 3,000, Add	*2.43*	
		For >3,000 To 4,000, Add	*1.65*	
		For >4,000 To 5,000, Add	*1.05*	
		For >5,000 To 7,000, Add	*0.44*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	17.41	3.21
		For Up To 2,000, Add	*3.73*	
		For >2,000 To 3,000, Add	*2.62*	
		For >3,000 To 4,000, Add	*1.78*	
		For >4,000 To 5,000, Add	*1.14*	
		For >5,000 To 7,000, Add	*0.47*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	18.82	3.41
		For Up To 2,000, Add	*4.03*	
		For >2,000 To 3,000, Add	*2.83*	
		For >3,000 To 4,000, Add	*1.92*	
		For >4,000 To 5,000, Add	*1.23*	
		For >5,000 To 7,000, Add	*0.51*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.20	3.59
		For Up To 2,000, Add	*4.32*	
		For >2,000 To 3,000, Add	*3.04*	
		For >3,000 To 4,000, Add	*2.07*	
		For >4,000 To 5,000, Add	*1.32*	
		For >5,000 To 7,000, Add	*0.55*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	21.38	3.80
		For Up To 2,000, Add	*4.58*	
		For >2,000 To 3,000, Add	*3.22*	
		For >3,000 To 4,000, Add	*2.19*	
		For >4,000 To 5,000, Add	*1.39*	
		For >5,000 To 7,000, Add	*0.58*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	22.77	4.01
		For Up To 2,000, Add	*4.87*	
		For >2,000 To 3,000, Add	*3.43*	
		For >3,000 To 4,000, Add	*2.33*	
		For >4,000 To 5,000, Add	*1.48*	
		For >5,000 To 7,000, Add	*0.61*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	25.55	4.49
		For Up To 2,000, Add	*5.47*	
		For >2,000 To 3,000, Add	*3.84*	
		For >3,000 To 4,000, Add	*2.61*	
		For >4,000 To 5,000, Add	*1.67*	
		For >5,000 To 7,000, Add	*0.69*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing Note: Not used with new surfacing system tasks.	10.22	
		For Up To 2,000, Add	*3.32*	
		For >2,000 To 3,000, Add	*2.14*	
		For >3,000 To 4,000, Add	*1.30*	
		For >4,000 To 5,000, Add	*0.79*	
		For >5,000 To 7,000, Add	*0.35*	
		For Aliphatic (Non Yellowing) Binder, Add	*3.96*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.55*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	2,493.83	

32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*
Note: Excludes base preparation, aggregate, or drainage.

32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	9.72	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	8.54	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	5.51	
32 18 16 13-0039	CF	Sand/Ruber Infill (Sporturf)	50.83	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

32 18 23 29-0001 Synthetic Turf *(32 18 23 29)*

32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*
Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	7.63	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	25,414.93	
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	20,715.57	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per sport.	6,233.85	
32 18 23 29-0009	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,301.73	
32 18 23 29-0010	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per endzone.	2,205.82	
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	19,181.08	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	27,812.57	
32 18 23 29-0013		41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*		
32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	8.79	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	25,894.61	
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	21,482.94	
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per sport.	6,713.42	
32 18 23 29-0018	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,493.56	
32 18 23 29-0019	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per endzone.	2,301.74	
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	20,140.25	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	29,203.37	
32 18 23 29-0022		45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*		
32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	8.96	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	26,374.14	
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	23,209.25	
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per sport.	7,192.95	
32 18 23 29-0027	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	2,685.37	
32 18 23 29-0028	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per endzone.	2,397.65	
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	21,099.31	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	30,594.01	
32 18 23 29-0031		Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*		
32 18 23 29-0032		52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*		
32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	10.05	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	27,333.04	
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	29,155.24	
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	8,151.96	
32 18 23 29-0037	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,068.97	
32 18 23 29-0038	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per endzone.	2,589.45	
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	23,017.30	
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	33,375.08	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0041		60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*		
32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	10.40	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	27,812.57	
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	32,416.03	
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	8,631.49	
32 18 23 29-0046	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,260.78	
32 18 23 29-0047	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per endzone.	2,685.35	
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	23,976.35	
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	34,765.71	
32 18 23 29-0050		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*		
32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	10.41	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	28,292.09	
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	32,607.84	
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	9,111.01	
32 18 23 29-0055	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,452.59	
32 18 23 29-0056	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per endzone.	2,781.26	
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	24,935.40	
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	36,156.34	
32 18 23 29-0059		60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*		
32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	10.61	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	28,771.62	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	34,717.75	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	9,590.54	
32 18 23 29-0064	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	3,836.22	
32 18 23 29-0065	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per endzone.	2,877.16	
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	25,894.46	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	37,546.96	
32 18 23 29-0068		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*		
32 18 23 29-0069		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*		
32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	8.44	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	24,456.02	
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	18,030.32	
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	5,274.83	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0074	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	1,918.12	
32 18 23 29-0075	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per endzone.	2,014.03	
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	17,263.08	
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	25,031.46	
32 18 23 29-0078		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*		
32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	7.40	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	24,935.40	
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	19,181.08	
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	5,754.32	
32 18 23 29-0083	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,109.92	
32 18 23 29-0084	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per endzone.	2,109.92	
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	18,222.03	
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	26,421.94	
32 18 23 29-0087		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*		
32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	16.76	
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	15.00	
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	47,323.06	
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	56,221.41	
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	13,752.00	
32 18 23 29-0093	EA	Endzone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,258.12	
32 18 23 29-0094	EA	Colored Endzone For AstroTurf® PureGrass® Fields Note: Per endzone.	3,902.93	
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	35,126.40	
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	51,570.00	
32 18 23 29-0097		Synthetic Turf (G9 Turf) *(32 18 23 29-0001)* Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	9.19	
		For >35,000, Deduct	*-0.82*	
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	9.11	
		For >35,000, Deduct	*-0.82*	
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf) Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.	9.52	
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	65,421.42	
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	28,349.28	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	28,349.28	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	28,349.28	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	28,349.28	
32 18 23 29-0106	EA	Endzone Lettering For G9 Synthetic Turf Note: Priced per letter. Includes single color outlining.	3,271.07	
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.06	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	8.00	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.28	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.15	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	1.89	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf Note: Includes a comprehensive report.	2,180.71	
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	21,807.14	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.72	
		For >10,000 To 30,000, Deduct	*-0.29*	
		For >30,000 To 60,000, Deduct	*-0.50*	
		For >60,000, Deduct	*-0.55*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	4.89	
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	5.43	
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf Note: Used for drainage over asphalt or on roof tops.	4.45	
32 18 23 29-0118	SF	15 mm, Shock Pad For G9 Synthetic Turf Note: Used for additional Gmax for a stone base field.	2.74	
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf Note: Includes field inspection and report.	4,346.00	
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf. Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	11.95	
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	4.78	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field Note: Includes removal, shipping and recycling of infill, fibers and backing.	3.37	

32 18 23 33 Running Track Surfacing *(32 18 23)*

32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	33.53	

32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track Note: Includes certification.	13.97	

32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

32 18 23 39-0001 Synthetic Running Track Surfacing (XPLODE™) And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100)	68.38	6.52
		For >5,500, Deduct	*-7.52*	
		For Up To 4,000, Add	*23.93*	
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200)	91.78	6.52
		For >5,500, Deduct	*-10.10*	
		For Up To 4,000, Add	*32.12*	
		For Custom Color Upgrade, Add	*8.72*	
		For Aliphatic Top Coating, Add	*16.52*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500)	154.24	6.52
		For >5,500, Deduct	*-9.25*	
		For Up To 4,000, Add	*53.98*	
		For Custom Color Upgrade, Add	*11.88*	
		For Aliphatic Top Coating, Add	*22.06*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000)	199.23	6.52
		For >5,500, Deduct	*-11.95*	
		For Up To 4,000, Add	*69.73*	
		For Custom Color Upgrade, Add	*15.54*	
		For Aliphatic Top Coating, Add	*22.71*	
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lightning)	62.30	
		For >5,500, Deduct	*-6.85*	
		For Up To 4,000, Add	*21.81*	
32 18 23 39-0007	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator)	70.12	
		For >5,500, Deduct	*-10.17*	
		For Up To 4,000, Add	*24.54*	
32 18 23 39-0008	SY	Spray Retop XPLODE™ M100/MS200 Running Tracks	61.59	
		For Up To 4,000, Add	*21.56*	
		For >5,500, Deduct	*-6.02*	
32 18 23 39-0009	SY	Sandwich Retop XPLODE™ MSX500 Running Tracks	119.21	
		For Up To 4,000, Add	*41.72*	
		For >5,500, Deduct	*-12.56*	
32 18 23 39-0010	SY	Retop XPLODE™ Plexitrac® Lightning Running Tracks Note: Two layers.	34.67	
		For Up To 4,000, Add	*12.13*	
		For >5,500, Deduct	*-5.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0011	SY	Retop XPLODE™ Plexitrac® Accelerator Running Tracks Note: Two layers.	42.22	
		For Up To 4,000, Add	*14.78*	
		For >5,500, Deduct	*-5.73*	
32 18 23 39-0012	EA	Restripe XPLODE™ Running Track Note: Includes two coats of acrylic resurfacer and two coats of color.	14,333.69	
		For College Track Restriping, Add	*2,606.12*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	36.61	

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	390.72	

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	50.93	
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	56.69	
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	18.59	
32 18 23 56-0004	SY	Resurface Clay Tennis Court	14.62	
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	12.36	
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	7.96	

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.63	
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	0.92	
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.39	
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	100.34	

32 18 23 61-0007 Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.

32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.77	
		For Pacific Blue, Add	*0.23*	
		For US Open Blue, Add	*0.81*	
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	2.99	
		For Pacific Blue, Add	*0.17*	
		For US Open Blue, Add	*0.58*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.	2.56	
		For Pacific Blue, Add	*0.13*	
		For US Open Blue, Add	*0.45*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.	2.73	
		For Pacific Blue, Add	*0.07*	
		For US Open Or Australian Open Blue, Add	*0.52*	
		For Pro Purple, Add	*1.36*	

32 18 23 61-0012 Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®) Note: Textured or non-textured highly reflective line marking paint.	1.47	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0014		Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*		
32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat	6.46	
		Note: Applied with rubber squeegee.		
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat	8.99	
		Note: Applied with rubber squeegee.		
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat	7.67	
		Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat	5.63	
		Note: Applied with rubber squeegee.		
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat	4.18	
		Note: Price per coat for second or additional coats. Applied with rubber squeegee.		
32 18 23 61-0020		Resurface Athletic Court *(32 18 23 61)*		
		Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	2.50	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)*		
		Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0003		Single Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	1,957.49	206.38
		Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	2,626.87	206.38
		Note: Includes one primary operator with a 14' wide gate capacity.		
32 31 11 00-0006		Dual Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	3,914.98	412.75
		Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	5,253.75	412.75
		Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		
32 31 11 00-0009		Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0010		Single Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	4,051.47	206.38
		Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	4,411.90	206.38
		Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	6,008.13	206.38
		Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	6,814.83	206.38
		Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015		Dual Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	7,158.92	412.75
		Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	7,879.80	412.75
		Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	11,055.10	412.75
		Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	12,822.96	412.75
		Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0020		**Sliding Gate Operators (DKS™ DoorKing®)** *(32 31 11 00-0001)*		
		Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050)	1,793.68	206.38
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100)	2,503.92	247.65
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150)	3,089.77	247.65
		Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210)	4,030.17	288.92
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220)	4,934.04	288.92
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230)	6,723.92	330.20
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530)	11,205.66	330.20
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550)	18,971.18	371.48
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029		**Accessories For Gate Actuators And Operators (DKS™ DoorKing®)** *(32 31 11 00-0001)*		
32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	631.34	
32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,226.64	
32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	851.65	
32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	917.04	
32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	814.05	
32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	565.18	
32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators	5.62	
32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators	5.87	
32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators	7.49	
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators	11.51	
32 31 11 00-0040	EA	Exterior Keypad Gate Operator (Linear AK-11)	681.38	144.42
32 31 11 00-0041		**Sliding Gate Operator (LiftMaster)** *(32 31 11 00-0001)*		
32 31 11 00-0042	EA	Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)	2,749.19	247.65
		Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*186.48*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*133.49*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*65.74*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*264.23*	
		For Each Additional 10' Chain, Add	*39.58*	
32 31 13		**Chain Link Fences and Gates** *(32 31)*		
32 31 13 13		**Chain Link Fences and Gates** *(32 31 13)*		
32 31 13 13-0001		**Post Holes** *(32 31 13 13)*		
		Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0081 for core drilling in concrete, 02 41 19 13-0219 for core drilling in asphalt.		
32 31 13 13-0002		**Auger By Machine Fence Post Hole In Soil** *(32 31 13 13-0001)*		
32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.62	
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.83	
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.83	
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.43	
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	15.74	
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.32	
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.24	
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.65	
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	24.74	
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	28.87	
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	34.64	
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	43.30	
32 31 13 13-0015		**Post Hole In Rock** *(32 31 13 13-0001)*		
32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	69.35	
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	21.03	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0018		Fill For Post Holes *(32 31 13 13-0001)*		
32 31 13 13-0019		Concrete Fill For Post Holes *(32 31 13 13-0018)*		
32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	5.50	
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	7.06	
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	7.79	
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	8.95	
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	12.62	
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	16.85	
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	20.61	
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	24.04	
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	32.77	
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	40.69	
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	48.42	
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	56.43	
32 31 13 13-0032		Grout Fill For Post Holes *(32 31 13 13-0018)*		
32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	6.51	
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	8.38	
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	9.13	
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	10.27	
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	14.36	
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	19.15	
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	23.35	
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	27.10	
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	36.28	
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	44.35	
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	52.17	
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	60.18	
32 31 13 13-0045		Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*		
32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	4.59	
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.98	
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	6.25	
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	6.43	
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	8.60	
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	11.46	
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	13.76	
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	15.59	
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	19.00	
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	21.33	
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	23.39	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	25.22	
32 31 13 13-0058		Fence Posts *(32 31 13 13)*		

Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0059		Fence Posts *(32 31 13 13-0058)*		
32 31 13 13-0060		1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel *(32 31 13 13-0059)*		

Note: Includes cap and accessories.

32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	17.44	2.78
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	16.65	2.37
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	15.68	1.96
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	14.91	1.54
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	14.41	1.33
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	13.59	0.92
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0067		Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) *(32 31 13 13-0059)*		

Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.96	2.58
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.71*	
		For Vinyl Coated, Add	*4.09*	
		For Powder Coated, Add	*5.46*	
		For Aluminum Coated, Add	*8.53*	
		For Schedule 20, Deduct	*-1.36*	
		For Schedule 80, Add	*3.79*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.09	2.16
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.69*	
		For Vinyl Coated, Add	*4.04*	
		For Powder Coated, Add	*5.39*	
		For Aluminum Coated, Add	*8.43*	
		For Schedule 20, Deduct	*-1.35*	
		For Schedule 80, Add	*3.67*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.17	1.75
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.68*	
		For Vinyl Coated, Add	*4.02*	
		For Powder Coated, Add	*5.36*	
		For Aluminum Coated, Add	*8.38*	
		For Schedule 20, Deduct	*-1.34*	
		For Schedule 80, Add	*3.56*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	9.46	1.33
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.67*	
		For Vinyl Coated, Add	*4.01*	
		For Powder Coated, Add	*5.34*	
		For Aluminum Coated, Add	*8.35*	
		For Schedule 20, Deduct	*-1.34*	
		For Schedule 80, Add	*3.48*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	8.99	1.13
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.67*	
		For Vinyl Coated, Add	*4.00*	
		For Powder Coated, Add	*5.34*	
		For Aluminum Coated, Add	*8.34*	
		For Schedule 20, Deduct	*-1.33*	
		For Schedule 80, Add	*3.43*	
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	8.49	0.92
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.67*	
		For Vinyl Coated, Add	*4.00*	
		For Powder Coated, Add	*5.34*	
		For Aluminum Coated, Add	*8.34*	
		For Schedule 20, Deduct	*-1.33*	
		For Schedule 80, Add	*3.38*	
32 31 13 13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	13.67	2.68
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.09*	
		For Vinyl Coated, Add	*5.00*	
		For Powder Coated, Add	*6.67*	
		For Aluminum Coated, Add	*10.43*	
		For Schedule 20, Deduct	*-1.67*	
		For Schedule 80, Add	*4.54*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	12.85	2.27
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.06*	
		For Vinyl Coated, Add	*4.94*	
		For Powder Coated, Add	*6.59*	
		For Aluminum Coated, Add	*10.30*	
		For Schedule 20, Deduct	*-1.65*	
		For Schedule 80, Add	*4.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	11.86	1.85
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.05*	
		For Vinyl Coated, Add	*4.91*	
		For Powder Coated, Add	*6.55*	
		For Aluminum Coated, Add	*10.24*	
		For Schedule 20, Deduct	*-1.64*	
		For Schedule 80, Add	*4.30*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	11.10	1.44
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.04*	
		For Vinyl Coated, Add	*4.90*	
		For Powder Coated, Add	*6.53*	
		For Aluminum Coated, Add	*10.20*	
		For Schedule 20, Deduct	*-1.63*	
		For Schedule 80, Add	*4.21*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	10.60	1.23
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.04*	
		For Vinyl Coated, Add	*4.89*	
		For Powder Coated, Add	*6.52*	
		For Aluminum Coated, Add	*10.19*	
		For Schedule 20, Deduct	*-1.63*	
		For Schedule 80, Add	*4.16*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	10.14	1.02
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.04*	
		For Vinyl Coated, Add	*4.89*	
		For Powder Coated, Add	*6.52*	
		For Aluminum Coated, Add	*10.19*	
		For Schedule 20, Deduct	*-1.63*	
		For Schedule 80, Add	*4.11*	

32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	16.64	2.88
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.76*	
		For Vinyl Coated, Add	*6.62*	
		For Powder Coated, Add	*8.82*	
		For Aluminum Coated, Add	*13.79*	
		For Schedule 20, Deduct	*-2.21*	
		For Schedule 80, Add	*5.86*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.74	2.47
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.73*	
		For Vinyl Coated, Add	*6.55*	
		For Powder Coated, Add	*8.74*	
		For Aluminum Coated, Add	*13.65*	
		For Schedule 20, Deduct	*-2.18*	
		For Schedule 80, Add	*5.72*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.71	1.96
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.72*	
		For Vinyl Coated, Add	*6.52*	
		For Powder Coated, Add	*8.69*	
		For Aluminum Coated, Add	*13.58*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.60*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.91	1.54
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.71*	
		For Vinyl Coated, Add	*6.50*	
		For Powder Coated, Add	*8.66*	
		For Aluminum Coated, Add	*13.54*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	13.40	1.33
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.71*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.66*	
		For Aluminum Coated, Add	*13.53*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.45*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	12.89	1.02
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.70*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.65*	
		For Aluminum Coated, Add	*13.51*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.40*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	22.83	3.08
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.16*	
		For Vinyl Coated, Add	*9.99*	
		For Powder Coated, Add	*13.32*	
		For Aluminum Coated, Add	*20.81*	
		For Schedule 20, Deduct	*-3.33*	
		For Schedule 80, Add	*8.61*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	21.75	2.68
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.11*	
		For Vinyl Coated, Add	*9.85*	
		For Powder Coated, Add	*13.14*	
		For Aluminum Coated, Add	*20.53*	
		For Schedule 20, Deduct	*-3.28*	
		For Schedule 80, Add	*8.41*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	20.59	2.16
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.08*	
		For Vinyl Coated, Add	*9.78*	
		For Powder Coated, Add	*13.04*	
		For Aluminum Coated, Add	*20.38*	
		For Schedule 20, Deduct	*-3.26*	
		For Schedule 80, Add	*8.25*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	19.67	1.75
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.06*	
		For Vinyl Coated, Add	*9.74*	
		For Powder Coated, Add	*12.99*	
		For Aluminum Coated, Add	*20.30*	
		For Schedule 20, Deduct	*-3.25*	
		For Schedule 80, Add	*8.14*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	19.06	1.44
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.05*	
		For Vinyl Coated, Add	*9.73*	
		For Powder Coated, Add	*12.97*	
		For Aluminum Coated, Add	*20.26*	
		For Schedule 20, Deduct	*-3.24*	
		For Schedule 80, Add	*8.07*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	18.53	1.13
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.05*	
		For Vinyl Coated, Add	*9.73*	
		For Powder Coated, Add	*12.97*	
		For Aluminum Coated, Add	*20.26*	
		For Schedule 20, Deduct	*-3.24*	
		For Schedule 80, Add	*8.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0095		Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*		
		Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	33.67	3.29
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.79*	
		For Vinyl Coated, Add	*16.30*	
		For Powder Coated, Add	*21.74*	
		For Aluminum Coated, Add	*33.96*	
		For Schedule 20, Deduct	*-5.43*	
		For Schedule 80, Add	*13.69*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	32.16	2.68
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.69*	
		For Vinyl Coated, Add	*16.04*	
		For Powder Coated, Add	*21.39*	
		For Aluminum Coated, Add	*33.43*	
		For Schedule 20, Deduct	*-5.35*	
		For Schedule 80, Add	*13.38*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	31.04	2.27
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.63*	
		For Vinyl Coated, Add	*15.92*	
		For Powder Coated, Add	*21.22*	
		For Aluminum Coated, Add	*33.16*	
		For Schedule 20, Deduct	*-5.31*	
		For Schedule 80, Add	*13.19*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	30.03	1.85
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.61*	
		For Vinyl Coated, Add	*15.85*	
		For Powder Coated, Add	*21.14*	
		For Aluminum Coated, Add	*33.03*	
		For Schedule 20, Deduct	*-5.28*	
		For Schedule 80, Add	*13.04*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	29.98	1.85
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.59*	
		For Vinyl Coated, Add	*15.82*	
		For Powder Coated, Add	*21.10*	
		For Aluminum Coated, Add	*32.96*	
		For Schedule 20, Deduct	*-5.27*	
		For Schedule 80, Add	*13.02*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	28.94	1.33
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*6.59*	
		For Vinyl Coated, Add	*15.82*	
		For Powder Coated, Add	*21.09*	
		For Aluminum Coated, Add	*32.95*	
		For Schedule 20, Deduct	*-5.27*	
		For Schedule 80, Add	*12.91*	
32 31 13 13-0102		Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*		
		Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	66.61	3.60
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.85*	
		For Vinyl Coated, Add	*35.63*	
		For Powder Coated, Add	*47.51*	
		For Aluminum Coated, Add	*74.24*	
		For Schedule 20, Deduct	*-11.88*	
		For Schedule 80, Add	*29.23*	
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	63.83	2.98
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.45*	
		For Vinyl Coated, Add	*34.67*	
		For Powder Coated, Add	*46.22*	
		For Aluminum Coated, Add	*72.23*	
		For Schedule 20, Deduct	*-11.56*	
		For Schedule 80, Add	*28.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	61.99	2.47
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.24*	
		For Vinyl Coated, Add	*34.18*	
		For Powder Coated, Add	*45.58*	
		For Aluminum Coated, Add	*71.21*	
		For Schedule 20, Deduct	*-11.39*	
		For Schedule 80, Add	*27.85*	
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	60.57	1.96
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.14*	
		For Vinyl Coated, Add	*33.94*	
		For Powder Coated, Add	*45.26*	
		For Aluminum Coated, Add	*70.71*	
		For Schedule 20, Deduct	*-11.31*	
		For Schedule 80, Add	*27.55*	
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	59.79	1.75
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.09*	
		For Vinyl Coated, Add	*33.82*	
		For Powder Coated, Add	*45.09*	
		For Aluminum Coated, Add	*70.45*	
		For Schedule 20, Deduct	*-11.27*	
		For Schedule 80, Add	*27.40*	
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	59.17	1.44
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*14.08*	
		For Vinyl Coated, Add	*33.79*	
		For Powder Coated, Add	*45.06*	
		For Aluminum Coated, Add	*70.40*	
		For Schedule 20, Deduct	*-11.26*	
		For Schedule 80, Add	*27.32*	

32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	129.46	4.01
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*30.36*	
		For Vinyl Coated, Add	*72.86*	
		For Powder Coated, Add	*97.15*	
		For Aluminum Coated, Add	*151.80*	
		For Schedule 20, Deduct	*-24.29*	
		For Schedule 80, Add	*59.09*	
32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	124.95	3.39
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*29.56*	
		For Vinyl Coated, Add	*70.94*	
		For Powder Coated, Add	*94.59*	
		For Aluminum Coated, Add	*147.80*	
		For Schedule 20, Deduct	*-23.65*	
		For Schedule 80, Add	*57.43*	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	122.20	2.78
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*29.16*	
		For Vinyl Coated, Add	*69.98*	
		For Powder Coated, Add	*93.30*	
		For Aluminum Coated, Add	*145.79*	
		For Schedule 20, Deduct	*-23.33*	
		For Schedule 80, Add	*56.54*	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	120.24	2.16
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*28.96*	
		For Vinyl Coated, Add	*69.50*	
		For Powder Coated, Add	*92.66*	
		For Aluminum Coated, Add	*144.79*	
		For Schedule 20, Deduct	*-23.17*	
		For Schedule 80, Add	*56.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	119.24	1.85
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*28.86*	
		For Vinyl Coated, Add	*69.26*	
		For Powder Coated, Add	*92.34*	
		For Aluminum Coated, Add	*144.29*	
		For Schedule 20, Deduct	*-23.09*	
		For Schedule 80, Add	*55.79*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	118.54	1.54
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*28.84*	
		For Vinyl Coated, Add	*69.21*	
		For Powder Coated, Add	*92.28*	
		For Aluminum Coated, Add	*144.19*	
		For Schedule 20, Deduct	*-23.07*	
		For Schedule 80, Add	*55.69*	

32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	67.21
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post Note: OZ-Post HB-700.	67.21
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post IS-600.	69.06
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post ISW-850.	82.84

32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	77.29
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	74.52
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	77.85
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	82.84
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	82.84

32 31 13 13-0128 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	77.06
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	80.06
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	86.53
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	86.53
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	98.54
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	107.04

32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	77.06
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	80.06
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	86.53
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	88.01

32 31 13 13-0140 Chain Link Fence Assemblies *(32 31 13 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0141		Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0140)*		
		Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0653 for barb wire attachments.		
32 31 13 13-0142		Galvanized *(32 31 13 13-0141)*		
32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	34.17	3.50
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.39*	
		For 13 Gauge Fabric, Deduct	*-7.11*	
		For 11 Gauge Fabric, Deduct	*-4.16*	
		For 6 Gauge Fabric, Add	*6.53*	
		For 1" Mesh Fabric, Add	*8.90*	
		For 1-3/4" Mesh Fabric, Add	*3.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.37*	
		For Posts 8' On Centers, Add	*1.87*	
		For Posts 5' On Centers, Add	*7.04*	
		For Up To 100, Add	*6.50*	
		For >100 To 250, Add	*2.39*	
		For >2,500 To 5,000, Deduct	*-1.20*	
		For >5,000, Deduct	*-2.39*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	35.55	3.50
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.47*	
		For 13 Gauge Fabric, Deduct	*-7.52*	
		For 11 Gauge Fabric, Deduct	*-4.39*	
		For 6 Gauge Fabric, Add	*6.90*	
		For 1" Mesh Fabric, Add	*9.41*	
		For 1-3/4" Mesh Fabric, Add	*3.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.88*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.51*	
		For Posts 8' On Centers, Add	*1.94*	
		For Posts 5' On Centers, Add	*7.30*	
		For Up To 100, Add	*6.72*	
		For >100 To 250, Add	*2.47*	
		For >2,500 To 5,000, Deduct	*-1.24*	
		For >5,000, Deduct	*-2.47*	
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	36.75	3.50
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.54*	
		For 13 Gauge Fabric, Deduct	*-7.86*	
		For 11 Gauge Fabric, Deduct	*-4.59*	
		For 6 Gauge Fabric, Add	*7.21*	
		For 1" Mesh Fabric, Add	*9.84*	
		For 1-3/4" Mesh Fabric, Add	*3.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.97*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.62*	
		For Posts 8' On Centers, Add	*2.01*	
		For Posts 5' On Centers, Add	*7.53*	
		For Up To 100, Add	*6.93*	
		For >100 To 250, Add	*2.54*	
		For >2,500 To 5,000, Deduct	*-1.27*	
		For >5,000, Deduct	*-2.54*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	39.57	3.50
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.71*	
		For 13 Gauge Fabric, Deduct	*-8.68*	
		For 11 Gauge Fabric, Deduct	*-5.07*	
		For 6 Gauge Fabric, Add	*7.97*	
		For 1" Mesh Fabric, Add	*10.87*	
		For 1-3/4" Mesh Fabric, Add	*4.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.17*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.90*	
		For Posts 8' On Centers, Add	*2.15*	
		For Posts 5' On Centers, Add	*8.07*	
		For Up To 100, Add	*7.39*	
		For >100 To 250, Add	*2.71*	
		For >2,500 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-2.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.90	3.50
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.92*	
		For 13 Gauge Fabric, Deduct	*-9.51*	
		For 11 Gauge Fabric, Deduct	*-5.55*	
		For 6 Gauge Fabric, Add	*8.73*	
		For 1" Mesh Fabric, Add	*11.90*	
		For 1-3/4" Mesh Fabric, Add	*4.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.38*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.17*	
		For Posts 8' On Centers, Add	*2.33*	
		For Posts 5' On Centers, Add	*8.73*	
		For Up To 100, Add	*7.99*	
		For >100 To 250, Add	*2.92*	
		For >2,500 To 5,000, Deduct	*-1.46*	
		For >5,000, Deduct	*-2.92*	
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.57	5.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.04*	
		For 13 Gauge Fabric, Deduct	*-9.88*	
		For 11 Gauge Fabric, Deduct	*-5.77*	
		For 6 Gauge Fabric, Add	*9.07*	
		For 1" Mesh Fabric, Add	*12.37*	
		For 1-3/4" Mesh Fabric, Add	*4.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.47*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.30*	
		For Posts 8' On Centers, Add	*2.42*	
		For Posts 5' On Centers, Add	*9.07*	
		For Up To 100, Add	*8.30*	
		For >100 To 250, Add	*3.04*	
		For >2,500 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-3.04*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	50.57	6.12
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.39*	
		For 13 Gauge Fabric, Deduct	*-11.61*	
		For 11 Gauge Fabric, Deduct	*-6.78*	
		For 6 Gauge Fabric, Add	*10.65*	
		For 1" Mesh Fabric, Add	*14.53*	
		For 1-3/4" Mesh Fabric, Add	*5.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.91*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.87*	
		For Posts 8' On Centers, Add	*2.73*	
		For Posts 5' On Centers, Add	*10.22*	
		For Up To 100, Add	*9.30*	
		For >100 To 250, Add	*3.39*	
		For >2,500 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-3.39*	
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.98	7.87
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.60*	
		For 13 Gauge Fabric, Deduct	*-12.51*	
		For 11 Gauge Fabric, Deduct	*-7.31*	
		For 6 Gauge Fabric, Add	*11.48*	
		For 1" Mesh Fabric, Add	*15.66*	
		For 1-3/4" Mesh Fabric, Add	*6.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.17*	
		For Posts 8' On Centers, Add	*2.91*	
		For Posts 5' On Centers, Add	*10.89*	
		For Up To 100, Add	*9.90*	
		For >100 To 250, Add	*3.60*	
		For >2,500 To 5,000, Deduct	*-1.80*	
		For >5,000, Deduct	*-3.60*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	57.39	8.74
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.81*	
		For 13 Gauge Fabric, Deduct	*-13.41*	
		For 11 Gauge Fabric, Deduct	*-7.83*	
		For 6 Gauge Fabric, Add	*12.31*	
		For 1" Mesh Fabric, Add	*16.78*	
		For 1-3/4" Mesh Fabric, Add	*6.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.36*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.48*	
		For Posts 8' On Centers, Add	*3.10*	
		For Posts 5' On Centers, Add	*11.55*	
		For Up To 100, Add	*10.49*	
		For >100 To 250, Add	*3.81*	
		For >2,500 To 5,000, Deduct	*-1.91*	
		For >5,000, Deduct	*-3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0152	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	63.78	10.49
		For Each Additional Foot >12, Add	*3.79*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.21*	
		For 13 Gauge Fabric, Deduct	*-15.08*	
		For 11 Gauge Fabric, Deduct	*-8.81*	
		For 6 Gauge Fabric, Add	*13.84*	
		For 1" Mesh Fabric, Add	*18.88*	
		For 1-3/4" Mesh Fabric, Add	*7.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.03*	
		For Posts 8' On Centers, Add	*3.43*	
		For Posts 5' On Centers, Add	*12.81*	
		For Up To 100, Add	*11.61*	
		For >100 To 250, Add	*4.21*	
		For >2,500 To 5,000, Deduct	*-2.10*	
		For >5,000, Deduct	*-4.21*	
32 31 13 13-0153		Vinyl Coated *(32 31 13 13-0141)*		
32 31 13 13-0154	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	38.13	3.50
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*3.60*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.61*	
		For 13 Gauge Fabric, Deduct	*-8.34*	
		For 11 Gauge Fabric, Deduct	*-4.87*	
		For 6 Gauge Fabric, Add	*7.65*	
		For 1" Mesh Fabric, Add	*10.44*	
		For 1-3/4" Mesh Fabric, Add	*4.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.09*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.78*	
		For Posts 8' On Centers, Add	*2.08*	
		For Posts 5' On Centers, Add	*7.78*	
		For Up To 100, Add	*7.13*	
		For >100 To 250, Add	*2.61*	
		For >2,500 To 5,000, Deduct	*-1.31*	
		For >5,000, Deduct	*-2.61*	
32 31 13 13-0155	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	41.31	3.50
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.01*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.80*	
		For 13 Gauge Fabric, Deduct	*-9.29*	
		For 11 Gauge Fabric, Deduct	*-5.42*	
		For 6 Gauge Fabric, Add	*8.52*	
		For 1" Mesh Fabric, Add	*11.62*	
		For 1-3/4" Mesh Fabric, Add	*4.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.10*	
		For Posts 8' On Centers, Add	*2.24*	
		For Posts 5' On Centers, Add	*8.38*	
		For Up To 100, Add	*7.66*	
		For >100 To 250, Add	*2.80*	
		For >2,500 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-2.80*	
32 31 13 13-0156	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	46.44	3.50
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.64*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.10*	
		For 13 Gauge Fabric, Deduct	*-10.74*	
		For 11 Gauge Fabric, Deduct	*-6.27*	
		For 6 Gauge Fabric, Add	*9.86*	
		For 1" Mesh Fabric, Add	*13.44*	
		For 1-3/4" Mesh Fabric, Add	*5.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.69*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.58*	
		For Posts 8' On Centers, Add	*2.51*	
		For Posts 5' On Centers, Add	*9.37*	
		For Up To 100, Add	*8.52*	
		For >100 To 250, Add	*3.10*	
		For >2,500 To 5,000, Deduct	*-1.55*	
		For >5,000, Deduct	*-3.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0157	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	48.68	5.25
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.88*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.24*	
		For 13 Gauge Fabric, Deduct	*-11.31*	
		For 11 Gauge Fabric, Deduct	*-6.61*	
		For 6 Gauge Fabric, Add	*10.38*	
		For 1" Mesh Fabric, Add	*14.16*	
		For 1-3/4" Mesh Fabric, Add	*5.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.78*	
		For Posts 8' On Centers, Add	*2.63*	
		For Posts 5' On Centers, Add	*9.81*	
		For Up To 100, Add	*8.92*	
		For >100 To 250, Add	*3.24*	
		For >2,500 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-3.24*	
32 31 13 13-0158	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	55.36	6.12
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.73*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.63*	
		For 13 Gauge Fabric, Deduct	*-13.27*	
		For 11 Gauge Fabric, Deduct	*-7.75*	
		For 6 Gauge Fabric, Add	*12.18*	
		For 1" Mesh Fabric, Add	*16.61*	
		For 1-3/4" Mesh Fabric, Add	*6.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.43*	
		For Posts 8' On Centers, Add	*2.97*	
		For Posts 5' On Centers, Add	*11.08*	
		For Up To 100, Add	*10.02*	
		For >100 To 250, Add	*3.63*	
		For >2,500 To 5,000, Deduct	*-1.81*	
		For >5,000, Deduct	*-3.63*	
32 31 13 13-0159	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	59.13	7.87
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.17*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.86*	
		For 13 Gauge Fabric, Deduct	*-14.30*	
		For 11 Gauge Fabric, Deduct	*-8.35*	
		For 6 Gauge Fabric, Add	*13.12*	
		For 1" Mesh Fabric, Add	*17.90*	
		For 1-3/4" Mesh Fabric, Add	*7.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.58*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.77*	
		For Posts 8' On Centers, Add	*3.17*	
		For Posts 5' On Centers, Add	*11.81*	
		For Up To 100, Add	*10.67*	
		For >100 To 250, Add	*3.86*	
		For >2,500 To 5,000, Deduct	*-1.93*	
		For >5,000, Deduct	*-3.86*	
32 31 13 13-0160	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	62.89	8.74
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.61*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.09*	
		For 13 Gauge Fabric, Deduct	*-15.32*	
		For 11 Gauge Fabric, Deduct	*-8.95*	
		For 6 Gauge Fabric, Add	*14.06*	
		For 1" Mesh Fabric, Add	*19.17*	
		For 1-3/4" Mesh Fabric, Add	*7.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.11*	
		For Posts 8' On Centers, Add	*3.37*	
		For Posts 5' On Centers, Add	*12.54*	
		For Up To 100, Add	*11.31*	
		For >100 To 250, Add	*4.09*	
		For >2,500 To 5,000, Deduct	*-2.04*	
		For >5,000, Deduct	*-4.09*	
32 31 13 13-0161	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.61	10.49
		For Each Additional Foot >12, Add	*4.04*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.23*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.45*	
		For 13 Gauge Fabric, Deduct	*-16.76*	
		For 11 Gauge Fabric, Deduct	*-9.79*	
		For 6 Gauge Fabric, Add	*15.39*	
		For 1" Mesh Fabric, Add	*20.98*	
		For 1-3/4" Mesh Fabric, Add	*8.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.20*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.59*	
		For Posts 8' On Centers, Add	*3.68*	
		For Posts 5' On Centers, Add	*13.67*	
		For Up To 100, Add	*12.33*	
		For >100 To 250, Add	*4.45*	
		For >2,500 To 5,000, Deduct	*-2.22*	
		For >5,000, Deduct	*-4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0162		**Rails** *(32 31 13 13)* Note: Includes rail end fittings.		
32 31 13 13-0163		**SS-20 Chain Link Fence Rails** *(32 31 13 13-0162)* Note: Includes tie wires.		
32 31 13 13-0164	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	6.16	1.13
		For SS15, Deduct	*-0.38*	
		For SS40, Add	*0.95*	
32 31 13 13-0165	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	7.44	1.13
		For SS40, Add	*0.51*	
		For Powder Coated, Add	*1.01*	
		For Aluminum Coated, Add	*2.03*	
32 31 13 13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	7.68	1.29
		For SS15, Deduct	*-0.51*	
		For SS40, Add	*1.26*	
32 31 13 13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	9.33	1.29
		For SS40, Add	*0.68*	
		For Powder Coated, Add	*1.35*	
		For Aluminum Coated, Add	*2.70*	
32 31 13 13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	8.94	1.44
		For SS40, Add	*1.52*	
32 31 13 13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	10.99	1.44
		For SS40, Add	*0.81*	
		For Powder Coated, Add	*1.62*	
		For Aluminum Coated, Add	*3.24*	
32 31 13 13-0170		**Fabric** *(32 31 13 13)*		
32 31 13 13-0171		**Fabric, Galvanized Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0172	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	10.08	2.06
		For 1-1/4" Mesh Fabric, Add	*0.95*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.85*	
		For 13 Gauge Fabric, Deduct	*-1.53*	
		For 11 Gauge Fabric, Deduct	*-0.85*	
		For 6 Gauge Fabric, Add	*2.72*	
		For 1" Mesh Fabric, Add	*2.55*	
		For 1-1/4" Mesh Fabric, Add	*1.70*	
		For 1-3/4" Mesh Fabric, Add	*1.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.51*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.68*	
32 31 13 13-0173	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.17	2.31
		For 1-1/4" Mesh Fabric, Add	*1.11*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.99*	
		For 13 Gauge Fabric, Deduct	*-1.79*	
		For 11 Gauge Fabric, Deduct	*-0.99*	
		For 6 Gauge Fabric, Add	*3.18*	
		For 1" Mesh Fabric, Add	*2.98*	
		For 1-1/4" Mesh Fabric, Add	*1.99*	
		For 1-3/4" Mesh Fabric, Add	*1.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.60*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.79*	
32 31 13 13-0174	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.08	2.58
		For 1-1/4" Mesh Fabric, Add	*1.22*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.09*	
		For 13 Gauge Fabric, Deduct	*-1.96*	
		For 11 Gauge Fabric, Deduct	*-1.09*	
		For 6 Gauge Fabric, Add	*3.49*	
		For 1" Mesh Fabric, Add	*3.27*	
		For 1-1/4" Mesh Fabric, Add	*2.18*	
		For 1-3/4" Mesh Fabric, Add	*1.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.65*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.87*	
32 31 13 13-0175	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.68	3.08
		For 1-1/4" Mesh Fabric, Add	*1.52*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.36*	
		For 13 Gauge Fabric, Deduct	*-2.45*	
		For 11 Gauge Fabric, Deduct	*-1.36*	
		For 6 Gauge Fabric, Add	*4.35*	
		For 1" Mesh Fabric, Add	*4.08*	
		For 1-1/4" Mesh Fabric, Add	*2.72*	
		For 1-3/4" Mesh Fabric, Add	*1.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.82*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.09*	
32 31 13 13-0176	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	15.36	3.60
		For 1-1/4" Mesh Fabric, Add	*1.83*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.64*	
		For 13 Gauge Fabric, Deduct	*-2.94*	
		For 11 Gauge Fabric, Deduct	*-1.64*	
		For 6 Gauge Fabric, Add	*5.23*	
		For 1" Mesh Fabric, Add	*4.91*	
		For 1-1/4" Mesh Fabric, Add	*3.27*	
		For 1-3/4" Mesh Fabric, Add	*1.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.98*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0177	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	17.12	4.12
		For 1-1/4" Mesh Fabric, Add	*2.13*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.91*	
		For 13 Gauge Fabric, Deduct	*-3.43*	
		For 11 Gauge Fabric, Deduct	*-1.91*	
		For 6 Gauge Fabric, Add	*6.10*	
		For 1" Mesh Fabric, Add	*5.72*	
		For 1-1/4" Mesh Fabric, Add	*3.81*	
		For 1-3/4" Mesh Fabric, Add	*2.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.52*	
32 31 13 13-0178	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.99	5.14
		For 1-1/4" Mesh Fabric, Add	*2.44*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.18*	
		For 13 Gauge Fabric, Deduct	*-3.92*	
		For 11 Gauge Fabric, Deduct	*-2.18*	
		For 6 Gauge Fabric, Add	*6.97*	
		For 1" Mesh Fabric, Add	*6.53*	
		For 1-1/4" Mesh Fabric, Add	*4.36*	
		For 1-3/4" Mesh Fabric, Add	*2.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.31*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.74*	
32 31 13 13-0179	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	22.66	5.66
		For 1-1/4" Mesh Fabric, Add	*3.17*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.83*	
		For 13 Gauge Fabric, Deduct	*-5.09*	
		For 11 Gauge Fabric, Deduct	*-2.83*	
		For 6 Gauge Fabric, Add	*9.05*	
		For 1" Mesh Fabric, Add	*8.48*	
		For 1-1/4" Mesh Fabric, Add	*5.66*	
		For 1-3/4" Mesh Fabric, Add	*3.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.70*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.26*	
32 31 13 13-0180	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	25.90	6.18
		For 1-1/4" Mesh Fabric, Add	*3.80*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.39*	
		For 13 Gauge Fabric, Deduct	*-6.10*	
		For 11 Gauge Fabric, Deduct	*-3.39*	
		For 6 Gauge Fabric, Add	*10.85*	
		For 1" Mesh Fabric, Add	*10.17*	
		For 1-1/4" Mesh Fabric, Add	*6.78*	
		For 1-3/4" Mesh Fabric, Add	*4.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.71*	
32 31 13 13-0181	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	28.97	7.20
		For 1-1/4" Mesh Fabric, Add	*4.08*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.64*	
		For 13 Gauge Fabric, Deduct	*-6.56*	
		For 11 Gauge Fabric, Deduct	*-3.64*	
		For 6 Gauge Fabric, Add	*11.66*	
		For 1" Mesh Fabric, Add	*10.93*	
		For 1-1/4" Mesh Fabric, Add	*7.29*	
		For 1-3/4" Mesh Fabric, Add	*4.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.91*	
32 31 13 13-0182	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	32.03	8.24
		For 1-1/4" Mesh Fabric, Add	*4.36*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.89*	
		For 13 Gauge Fabric, Deduct	*-7.01*	
		For 11 Gauge Fabric, Deduct	*-3.89*	
		For 6 Gauge Fabric, Add	*12.46*	
		For 1" Mesh Fabric, Add	*11.68*	
		For 1-1/4" Mesh Fabric, Add	*7.79*	
		For 1-3/4" Mesh Fabric, Add	*4.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.11*	

32 31 13 13-0183 Fabric, Vinyl Coated Chain Link *(32 31 13 13-0170)*

32 31 13 13-0184	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	13.47	2.06
		For 1-1/4" Mesh Fabric, Add	*1.61*	
		For 13 Gauge Fabric, Deduct	*-2.59*	
		For 11 Gauge Fabric, Deduct	*-1.44*	
		For 6 Gauge Fabric, Add	*4.60*	
		For 1" Mesh Fabric, Add	*4.31*	
		For 1-1/4" Mesh Fabric, Add	*2.88*	
		For 1-3/4" Mesh Fabric, Add	*1.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.86*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.15*	
		For Aluminum Coated, Add	*2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0185	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.42	3.08
		For 1-1/4" Mesh Fabric, Add	*2.01*	
		For 13 Gauge Fabric, Deduct	*-3.23*	
		For 11 Gauge Fabric, Deduct	*-1.80*	
		For 6 Gauge Fabric, Add	*5.74*	
		For 1" Mesh Fabric, Add	*5.39*	
		For 1-1/4" Mesh Fabric, Add	*3.59*	
		For 1-3/4" Mesh Fabric, Add	*2.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.44*	
		For Aluminum Coated, Add	*2.87*	
32 31 13 13-0186	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	18.90	3.60
		For 1-1/4" Mesh Fabric, Add	*2.82*	
		For 13 Gauge Fabric, Deduct	*-4.54*	
		For 11 Gauge Fabric, Deduct	*-2.52*	
		For 6 Gauge Fabric, Add	*8.06*	
		For 1" Mesh Fabric, Add	*7.56*	
		For 1-1/4" Mesh Fabric, Add	*5.04*	
		For 1-3/4" Mesh Fabric, Add	*3.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.51*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.02*	
		For Aluminum Coated, Add	*4.03*	
32 31 13 13-0187	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	21.23	4.12
		For 1-1/4" Mesh Fabric, Add	*3.28*	
		For 13 Gauge Fabric, Deduct	*-5.28*	
		For 11 Gauge Fabric, Deduct	*-2.93*	
		For 6 Gauge Fabric, Add	*9.38*	
		For 1" Mesh Fabric, Add	*8.80*	
		For 1-1/4" Mesh Fabric, Add	*5.87*	
		For 1-3/4" Mesh Fabric, Add	*3.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.35*	
		For Aluminum Coated, Add	*4.69*	
32 31 13 13-0188	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	23.79	5.14
		For 1-1/4" Mesh Fabric, Add	*3.78*	
		For 13 Gauge Fabric, Deduct	*-6.08*	
		For 11 Gauge Fabric, Deduct	*-3.38*	
		For 6 Gauge Fabric, Add	*10.81*	
		For 1" Mesh Fabric, Add	*10.13*	
		For 1-1/4" Mesh Fabric, Add	*6.76*	
		For 1-3/4" Mesh Fabric, Add	*4.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.70*	
		For Aluminum Coated, Add	*5.40*	
32 31 13 13-0189	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	28.16	5.66
		For 1-1/4" Mesh Fabric, Add	*4.71*	
		For 13 Gauge Fabric, Deduct	*-7.56*	
		For 11 Gauge Fabric, Deduct	*-4.20*	
		For 6 Gauge Fabric, Add	*13.45*	
		For 1" Mesh Fabric, Add	*12.61*	
		For 1-1/4" Mesh Fabric, Add	*8.41*	
		For 1-3/4" Mesh Fabric, Add	*5.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.52*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.36*	
		For Aluminum Coated, Add	*6.72*	
32 31 13 13-0190	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	30.73	6.18
		For 1-1/4" Mesh Fabric, Add	*5.15*	
		For 13 Gauge Fabric, Deduct	*-8.28*	
		For 11 Gauge Fabric, Deduct	*-4.60*	
		For 6 Gauge Fabric, Add	*14.71*	
		For 1" Mesh Fabric, Add	*13.79*	
		For 1-1/4" Mesh Fabric, Add	*9.20*	
		For 1-3/4" Mesh Fabric, Add	*5.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.68*	
		For Aluminum Coated, Add	*7.36*	
32 31 13 13-0191	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	34.64	7.20
		For 1-1/4" Mesh Fabric, Add	*5.67*	
		For 13 Gauge Fabric, Deduct	*-9.11*	
		For 11 Gauge Fabric, Deduct	*-5.06*	
		For 6 Gauge Fabric, Add	*16.19*	
		For 1" Mesh Fabric, Add	*15.18*	
		For 1-1/4" Mesh Fabric, Add	*10.12*	
		For 1-3/4" Mesh Fabric, Add	*6.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.04*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.05*	
		For Aluminum Coated, Add	*8.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0192	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	38.64	8.24
		For 1-1/4" Mesh Fabric, Add	*6.21*	
		For 13 Gauge Fabric, Deduct	*-9.98*	
		For 11 Gauge Fabric, Deduct	*-5.55*	
		For 6 Gauge Fabric, Add	*17.74*	
		For 1" Mesh Fabric, Add	*16.64*	
		For 1-1/4" Mesh Fabric, Add	*11.09*	
		For 1-3/4" Mesh Fabric, Add	*6.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.33*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.44*	
		For Aluminum Coated, Add	*8.87*	
32 31 13 13-0193		Fabric, Aluminized Steel Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	10.06	2.06
		For 6 Gauge Fabric, Add	*2.70*	
		For 1" Mesh Fabric, Add	*3.55*	
32 31 13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.12	2.31
		For 6 Gauge Fabric, Add	*3.14*	
		For 1" Mesh Fabric, Add	*4.12*	
32 31 13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.21	2.58
		For 6 Gauge Fabric, Add	*3.59*	
		For 1" Mesh Fabric, Add	*4.71*	
32 31 13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.85	3.08
		For 6 Gauge Fabric, Add	*4.49*	
		For 1" Mesh Fabric, Add	*5.89*	
32 31 13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	15.53	3.60
		For 6 Gauge Fabric, Add	*5.37*	
		For 1" Mesh Fabric, Add	*7.05*	
32 31 13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	17.35	4.12
		For 6 Gauge Fabric, Add	*6.28*	
		For 1" Mesh Fabric, Add	*8.24*	
32 31 13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.24	5.14
		For 6 Gauge Fabric, Add	*7.17*	
		For 1" Mesh Fabric, Add	*9.41*	
32 31 13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	22.55	5.66
		For 6 Gauge Fabric, Add	*8.96*	
		For 1" Mesh Fabric, Add	*11.76*	
32 31 13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	25.78	6.18
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*14.11*	
32 31 13 13-0203		Fabric, All Aluminum Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	15.51	2.06
		For 6 Gauge Fabric, Add	*7.06*	
		For 1" Mesh Fabric, Add	*9.27*	
32 31 13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	17.50	2.31
		For 6 Gauge Fabric, Add	*8.24*	
		For 1" Mesh Fabric, Add	*10.82*	
32 31 13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	19.49	2.58
		For 6 Gauge Fabric, Add	*9.42*	
		For 1" Mesh Fabric, Add	*12.36*	
32 31 13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	22.95	3.08
		For 6 Gauge Fabric, Add	*11.77*	
		For 1" Mesh Fabric, Add	*15.45*	
32 31 13 13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	26.48	3.60
		For 6 Gauge Fabric, Add	*14.13*	
		For 1" Mesh Fabric, Add	*18.54*	
32 31 13 13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	30.10	4.12
		For 6 Gauge Fabric, Add	*16.48*	
		For 1" Mesh Fabric, Add	*21.63*	
32 31 13 13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	33.82	5.14
		For 6 Gauge Fabric, Add	*18.83*	
		For 1" Mesh Fabric, Add	*24.72*	
32 31 13 13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	40.78	5.66
		For 6 Gauge Fabric, Add	*23.54*	
		For 1" Mesh Fabric, Add	*30.90*	
32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	47.65	6.18
		For 6 Gauge Fabric, Add	*28.25*	
		For 1" Mesh Fabric, Add	*37.08*	
32 31 13 13-0213		Fence Inserts *(32 31 13 13-0170)*		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0214		Vinyl Plastic Fence Inserts *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert	8.84	
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	10.08	
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert	11.11	
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert	13.94	
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert	16.67	
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert	19.50	
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert	22.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert	27.11	
32 31 13 13-0223		**Aluminum Fence Inserts** *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert	22.06	
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert	24.27	
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert	27.88	
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert	34.90	
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert	41.88	
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert	45.85	
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert	55.81	
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert	68.96	
32 31 13 13-0232		**Redwood Fence Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert	13.11	
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert	16.58	
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert	19.91	
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert	23.18	
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert	26.53	
32 31 13 13-0238		**Diagonal Flexible Polyethylene Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave	3.52	
32 31 13 13-0240		**Hedge Link Fence Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert	18.98	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert	21.62	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert	25.31	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert	31.21	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert	35.67	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert	45.12	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert	51.24	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert	61.27	
32 31 13 13-0249	LF	12' High Fence, Hedge Link Fence Insert	70.28	
32 31 13 13-0250		**Fence Windscreen Fabric** *(32 31 13 13-0170)*		
		Note: Includes plastic wire clips.		
32 31 13 13-0251	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.18	0.52
		For Sewn Boxed Vent (Each), Add	*26.08*	
		For Welded Boxed Vent (Each), Add	*13.04*	
		For 4' x 4' One Color Logo (Each), Add	*543.25*	
32 31 13 13-0252		**Non-Climbable Fabric, Galvanized Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0253	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	29.74	2.06
		For 11 Gauge, Deduct	*-4.61*	
		For 10 Gauge, Deduct	*-1.84*	
		For 7 Gauge, Add	*2.77*	
		For 6 Gauge, Add	*6.46*	
		For 1/2" Mesh Fabric, Deduct	*-1.15*	
		For 5/8" Mesh Fabric, Deduct	*-2.54*	
		For 3/4" Mesh Fabric, Deduct	*-3.69*	
32 31 13 13-0254	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	34.10	2.31
		For 11 Gauge, Deduct	*-5.38*	
		For 10 Gauge, Deduct	*-2.15*	
		For 7 Gauge, Add	*3.23*	
		For 6 Gauge, Add	*7.53*	
		For 1/2" Mesh Fabric, Deduct	*-1.35*	
		For 5/8" Mesh Fabric, Deduct	*-2.96*	
		For 3/4" Mesh Fabric, Deduct	*-4.30*	
32 31 13 13-0255	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	38.50	2.58
		For 11 Gauge, Deduct	*-6.16*	
		For 10 Gauge, Deduct	*-2.46*	
		For 7 Gauge, Add	*3.69*	
		For 6 Gauge, Add	*8.62*	
		For 1/2" Mesh Fabric, Deduct	*-1.54*	
		For 5/8" Mesh Fabric, Deduct	*-3.39*	
		For 3/4" Mesh Fabric, Deduct	*-4.92*	
32 31 13 13-0256	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	46.69	3.08
		For 11 Gauge, Deduct	*-7.69*	
		For 10 Gauge, Deduct	*-3.08*	
		For 7 Gauge, Add	*4.61*	
		For 6 Gauge, Add	*10.77*	
		For 1/2" Mesh Fabric, Deduct	*-1.92*	
		For 5/8" Mesh Fabric, Deduct	*-4.23*	
		For 3/4" Mesh Fabric, Deduct	*-6.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0257	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	54.95	3.60
		For 11 Gauge, Deduct	*-9.23*	
		For 10 Gauge, Deduct	*-3.69*	
		For 7 Gauge, Add	*5.54*	
		For 6 Gauge, Add	*12.92*	
		For 1/2" Mesh Fabric, Deduct	*-2.31*	
		For 5/8" Mesh Fabric, Deduct	*-5.07*	
		For 3/4" Mesh Fabric, Deduct	*-7.38*	
32 31 13 13-0258	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	63.32	4.12
		For 11 Gauge, Deduct	*-10.76*	
		For 10 Gauge, Deduct	*-4.31*	
		For 7 Gauge, Add	*6.46*	
		For 6 Gauge, Add	*15.07*	
		For 1/2" Mesh Fabric, Deduct	*-2.69*	
		For 5/8" Mesh Fabric, Deduct	*-5.92*	
		For 3/4" Mesh Fabric, Deduct	*-8.61*	
32 31 13 13-0259	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	71.80	5.14
		For 11 Gauge, Deduct	*-12.30*	
		For 10 Gauge, Deduct	*-4.92*	
		For 7 Gauge, Add	*7.38*	
		For 6 Gauge, Add	*17.23*	
		For 1/2" Mesh Fabric, Deduct	*-3.08*	
		For 5/8" Mesh Fabric, Deduct	*-6.77*	
		For 3/4" Mesh Fabric, Deduct	*-9.84*	
32 31 13 13-0260	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	79.28	5.41
		For 11 Gauge, Deduct	*-13.70*	
		For 10 Gauge, Deduct	*-5.48*	
		For 7 Gauge, Add	*8.22*	
		For 6 Gauge, Add	*19.17*	
		For 1/2" Mesh Fabric, Deduct	*-3.42*	
		For 5/8" Mesh Fabric, Deduct	*-7.53*	
		For 3/4" Mesh Fabric, Deduct	*-10.96*	
32 31 13 13-0261	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	86.78	5.66
		For 11 Gauge, Deduct	*-15.09*	
		For 10 Gauge, Deduct	*-6.03*	
		For 7 Gauge, Add	*9.05*	
		For 6 Gauge, Add	*21.12*	
		For 1/2" Mesh Fabric, Deduct	*-3.77*	
		For 5/8" Mesh Fabric, Deduct	*-8.30*	
		For 3/4" Mesh Fabric, Deduct	*-12.07*	
32 31 13 13-0262	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	94.11	6.18
		For 11 Gauge, Deduct	*-16.35*	
		For 10 Gauge, Deduct	*-6.54*	
		For 7 Gauge, Add	*9.81*	
		For 6 Gauge, Add	*22.90*	
		For 1/2" Mesh Fabric, Deduct	*-4.09*	
		For 5/8" Mesh Fabric, Deduct	*-8.99*	
		For 3/4" Mesh Fabric, Deduct	*-13.08*	

32 31 13 13-0263 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0264 Galvanized Steel Without Barbed Wire *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0265 4' Fence Height *(32 31 13 13-0264)*

32 31 13 13-0266	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	345.62	23.01
		For Gate With Single Barb Wire Arm, Add	*30.11*	
		For Gate With Double Barb Wire Arm, Add	*43.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.32*	
		For Aluminized Steel Gate And Post, Add	*131.38*	
		For Powder Coated Gate And Post, Add	*71.16*	
		For 1" Mesh Fabric, Add	*119.06*	
		For 1-1/4" Mesh Fabric, Add	*76.64*	
		For 1-3/4" Mesh Fabric, Add	*47.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.81*	
32 31 13 13-0267	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	436.86	23.97
		For Gate With Single Barb Wire Arm, Add	*40.14*	
		For Gate With Double Barb Wire Arm, Add	*58.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.43*	
		For Aluminized Steel Gate And Post, Add	*175.18*	
		For Powder Coated Gate And Post, Add	*94.89*	
		For 1" Mesh Fabric, Add	*158.75*	
		For 1-1/4" Mesh Fabric, Add	*102.19*	
		For 1-3/4" Mesh Fabric, Add	*63.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0268	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	517.31	25.51
		For Gate With Single Barb Wire Arm, Add	*48.47*	
		For Gate With Double Barb Wire Arm, Add	*70.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.61*	
		For Aluminized Steel Gate And Post, Add	*211.49*	
		For Powder Coated Gate And Post, Add	*114.56*	
		For 1" Mesh Fabric, Add	*191.67*	
		For 1-1/4" Mesh Fabric, Add	*123.37*	
		For 1-3/4" Mesh Fabric, Add	*76.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.33*	
32 31 13 13-0269	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	608.32	30.68
		For Gate With Single Barb Wire Arm, Add	*56.79*	
		For Gate With Double Barb Wire Arm, Add	*82.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.80*	
		For Aluminized Steel Gate And Post, Add	*247.81*	
		For Powder Coated Gate And Post, Add	*134.23*	
		For 1" Mesh Fabric, Add	*224.58*	
		For 1-1/4" Mesh Fabric, Add	*144.56*	
		For 1-3/4" Mesh Fabric, Add	*89.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.92*	
32 31 13 13-0270	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	699.32	35.76
		For Gate With Single Barb Wire Arm, Add	*65.11*	
		For Gate With Double Barb Wire Arm, Add	*94.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-110.99*	
		For Aluminized Steel Gate And Post, Add	*284.13*	
		For Powder Coated Gate And Post, Add	*153.90*	
		For 1" Mesh Fabric, Add	*257.49*	
		For 1-1/4" Mesh Fabric, Add	*165.74*	
		For 1-3/4" Mesh Fabric, Add	*103.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.50*	
32 31 13 13-0271	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	793.43	40.85
		For Gate With Single Barb Wire Arm, Add	*73.78*	
		For Gate With Double Barb Wire Arm, Add	*107.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-125.76*	
		For Aluminized Steel Gate And Post, Add	*321.94*	
		For Powder Coated Gate And Post, Add	*174.38*	
		For 1" Mesh Fabric, Add	*291.76*	
		For 1-1/4" Mesh Fabric, Add	*187.80*	
		For 1-3/4" Mesh Fabric, Add	*116.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.35*	
32 31 13 13-0272	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	884.42	46.02
		For Gate With Single Barb Wire Arm, Add	*82.10*	
		For Gate With Double Barb Wire Arm, Add	*119.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.94*	
		For Aluminized Steel Gate And Post, Add	*358.26*	
		For Powder Coated Gate And Post, Add	*194.06*	
		For 1" Mesh Fabric, Add	*324.67*	
		For 1-1/4" Mesh Fabric, Add	*208.98*	
		For 1-3/4" Mesh Fabric, Add	*129.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.93*	
32 31 13 13-0273	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	976.75	51.10
		For Gate With Single Barb Wire Arm, Add	*90.57*	
		For Gate With Double Barb Wire Arm, Add	*131.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-154.38*	
		For Aluminized Steel Gate And Post, Add	*395.21*	
		For Powder Coated Gate And Post, Add	*214.07*	
		For 1" Mesh Fabric, Add	*358.16*	
		For 1-1/4" Mesh Fabric, Add	*230.54*	
		For 1-3/4" Mesh Fabric, Add	*143.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.63*	
32 31 13 13-0274	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,248.25	51.10
		For Gate With Single Barb Wire Arm, Add	*120.43*	
		For Gate With Double Barb Wire Arm, Add	*175.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-205.28*	
		For Aluminized Steel Gate And Post, Add	*525.53*	
		For Powder Coated Gate And Post, Add	*284.66*	
		For 1" Mesh Fabric, Add	*476.26*	
		For 1-1/4" Mesh Fabric, Add	*306.56*	
		For 1-3/4" Mesh Fabric, Add	*190.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.25*	
32 31 13 13-0275	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,478.18	54.74
		For Gate With Single Barb Wire Arm, Add	*144.52*	
		For Gate With Double Barb Wire Arm, Add	*210.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-246.34*	
		For Aluminized Steel Gate And Post, Add	*630.63*	
		For Powder Coated Gate And Post, Add	*341.59*	
		For 1" Mesh Fabric, Add	*571.51*	
		For 1-1/4" Mesh Fabric, Add	*367.87*	
		For 1-3/4" Mesh Fabric, Add	*228.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0276	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,709.79	58.97
		For Gate With Single Barb Wire Arm, Add	*168.61*	
		For Gate With Double Barb Wire Arm, Add	*245.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-287.40*	
		For Aluminized Steel Gate And Post, Add	*735.74*	
		For Powder Coated Gate And Post, Add	*398.53*	
		For 1" Mesh Fabric, Add	*666.76*	
		For 1-1/4" Mesh Fabric, Add	*429.18*	
		For 1-3/4" Mesh Fabric, Add	*266.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.35*	
32 31 13 13-0277	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,943.51	63.85
		For Gate With Single Barb Wire Arm, Add	*192.69*	
		For Gate With Double Barb Wire Arm, Add	*280.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-328.46*	
		For Aluminized Steel Gate And Post, Add	*840.84*	
		For Powder Coated Gate And Post, Add	*455.46*	
		For 1" Mesh Fabric, Add	*762.02*	
		For 1-1/4" Mesh Fabric, Add	*490.49*	
		For 1-3/4" Mesh Fabric, Add	*304.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.40*	
32 31 13 13-0278	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,214.35	81.08
		For Gate With Single Barb Wire Arm, Add	*216.79*	
		For Gate With Double Barb Wire Arm, Add	*315.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-369.51*	
		For Aluminized Steel Gate And Post, Add	*945.95*	
		For Powder Coated Gate And Post, Add	*512.39*	
		For 1" Mesh Fabric, Add	*857.27*	
		For 1-1/4" Mesh Fabric, Add	*551.80*	
		For 1-3/4" Mesh Fabric, Add	*342.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-171.45*	
32 31 13 13-0279	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,450.73	86.90
		For Gate With Single Barb Wire Arm, Add	*240.87*	
		For Gate With Double Barb Wire Arm, Add	*350.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-410.57*	
		For Aluminized Steel Gate And Post, Add	*1,051.06*	
		For Powder Coated Gate And Post, Add	*569.32*	
		For 1" Mesh Fabric, Add	*952.52*	
		For 1-1/4" Mesh Fabric, Add	*613.12*	
		For 1-3/4" Mesh Fabric, Add	*381.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.50*	
32 31 13 13-0280	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,684.42	93.65
		For Gate With Single Barb Wire Arm, Add	*264.37*	
		For Gate With Double Barb Wire Arm, Add	*384.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-450.62*	
		For Aluminized Steel Gate And Post, Add	*1,153.59*	
		For Powder Coated Gate And Post, Add	*624.86*	
		For 1" Mesh Fabric, Add	*1,045.44*	
		For 1-1/4" Mesh Fabric, Add	*672.93*	
		For 1-3/4" Mesh Fabric, Add	*418.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.09*	
32 31 13 13-0281	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,921.48	101.41
		For Gate With Single Barb Wire Arm, Add	*287.86*	
		For Gate With Double Barb Wire Arm, Add	*418.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-490.68*	
		For Aluminized Steel Gate And Post, Add	*1,256.14*	
		For Powder Coated Gate And Post, Add	*680.41*	
		For 1" Mesh Fabric, Add	*1,138.37*	
		For 1-1/4" Mesh Fabric, Add	*732.75*	
		For 1-3/4" Mesh Fabric, Add	*455.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.67*	
32 31 13 13-0282	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,162.79	110.66
		For Gate With Single Barb Wire Arm, Add	*311.36*	
		For Gate With Double Barb Wire Arm, Add	*452.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-530.73*	
		For Aluminized Steel Gate And Post, Add	*1,358.68*	
		For Powder Coated Gate And Post, Add	*735.95*	
		For 1" Mesh Fabric, Add	*1,231.30*	
		For 1-1/4" Mesh Fabric, Add	*792.56*	
		For 1-3/4" Mesh Fabric, Add	*492.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.26*	
32 31 13 13-0283	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,329.53	121.73
		For Gate With Single Barb Wire Arm, Add	*326.05*	
		For Gate With Double Barb Wire Arm, Add	*474.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-555.77*	
		For Aluminized Steel Gate And Post, Add	*1,422.77*	
		For Powder Coated Gate And Post, Add	*770.67*	
		For 1" Mesh Fabric, Add	*1,289.38*	
		For 1-1/4" Mesh Fabric, Add	*829.95*	
		For 1-3/4" Mesh Fabric, Add	*515.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0284	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,690.58	135.21
		For Gate With Single Barb Wire Arm, Add	*361.30*	
		For Gate With Double Barb Wire Arm, Add	*525.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-615.85*	
		For Aluminized Steel Gate And Post, Add	*1,576.58*	
		For Powder Coated Gate And Post, Add	*853.98*	
		For 1" Mesh Fabric, Add	*1,428.77*	
		For 1-1/4" Mesh Fabric, Add	*919.67*	
		For 1-3/4" Mesh Fabric, Add	*571.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-285.75*	
32 31 13 13-0285		5' Fence Height *(32 31 13 13-0264)*		
32 31 13 13-0286	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	414.95	25.51
		For Gate With Single Barb Wire Arm, Add	*37.21*	
		For Gate With Double Barb Wire Arm, Add	*54.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.42*	
		For Aluminized Steel Gate And Post, Add	*162.36*	
		For Powder Coated Gate And Post, Add	*87.95*	
		For 1" Mesh Fabric, Add	*147.14*	
		For 1-1/4" Mesh Fabric, Add	*94.71*	
		For 1-3/4" Mesh Fabric, Add	*58.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.43*	
32 31 13 13-0287	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	526.21	25.51
		For Gate With Single Barb Wire Arm, Add	*49.45*	
		For Gate With Double Barb Wire Arm, Add	*71.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.28*	
		For Aluminized Steel Gate And Post, Add	*215.76*	
		For Powder Coated Gate And Post, Add	*116.87*	
		For 1" Mesh Fabric, Add	*195.54*	
		For 1-1/4" Mesh Fabric, Add	*125.86*	
		For 1-3/4" Mesh Fabric, Add	*78.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.11*	
32 31 13 13-0288	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	615.58	27.13
		For Gate With Single Barb Wire Arm, Add	*58.75*	
		For Gate With Double Barb Wire Arm, Add	*85.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.14*	
		For Aluminized Steel Gate And Post, Add	*256.35*	
		For Powder Coated Gate And Post, Add	*138.86*	
		For 1" Mesh Fabric, Add	*232.32*	
		For 1-1/4" Mesh Fabric, Add	*149.54*	
		For 1-3/4" Mesh Fabric, Add	*92.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.46*	
32 31 13 13-0289	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	720.88	32.60
		For Gate With Single Barb Wire Arm, Add	*68.54*	
		For Gate With Double Barb Wire Arm, Add	*99.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.83*	
		For Aluminized Steel Gate And Post, Add	*299.08*	
		For Powder Coated Gate And Post, Add	*162.00*	
		For 1" Mesh Fabric, Add	*271.04*	
		For 1-1/4" Mesh Fabric, Add	*174.46*	
		For 1-3/4" Mesh Fabric, Add	*108.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.21*	
32 31 13 13-0290	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	817.28	37.96
		For Gate With Single Barb Wire Arm, Add	*77.35*	
		For Gate With Double Barb Wire Arm, Add	*112.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.85*	
		For Aluminized Steel Gate And Post, Add	*337.53*	
		For Powder Coated Gate And Post, Add	*182.83*	
		For 1" Mesh Fabric, Add	*305.89*	
		For 1-1/4" Mesh Fabric, Add	*196.89*	
		For 1-3/4" Mesh Fabric, Add	*122.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.18*	
32 31 13 13-0291	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	923.56	43.72
		For Gate With Single Barb Wire Arm, Add	*87.14*	
		For Gate With Double Barb Wire Arm, Add	*126.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.54*	
		For Aluminized Steel Gate And Post, Add	*380.26*	
		For Powder Coated Gate And Post, Add	*205.97*	
		For 1" Mesh Fabric, Add	*344.61*	
		For 1-1/4" Mesh Fabric, Add	*221.82*	
		For 1-3/4" Mesh Fabric, Add	*137.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.92*	
32 31 13 13-0292	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,024.42	49.18
		For Gate With Single Barb Wire Arm, Add	*96.44*	
		For Gate With Double Barb Wire Arm, Add	*140.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.39*	
		For Aluminized Steel Gate And Post, Add	*420.85*	
		For Powder Coated Gate And Post, Add	*227.96*	
		For 1" Mesh Fabric, Add	*381.39*	
		For 1-1/4" Mesh Fabric, Add	*245.50*	
		For 1-3/4" Mesh Fabric, Add	*152.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0293	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,125.27	54.56
		For Gate With Single Barb Wire Arm, Add	*105.75*	
		For Gate With Double Barb Wire Arm, Add	*153.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.25*	
		For Aluminized Steel Gate And Post, Add	*461.44*	
		For Powder Coated Gate And Post, Add	*249.95*	
		For 1" Mesh Fabric, Add	*418.18*	
		For 1-1/4" Mesh Fabric, Add	*269.17*	
		For 1-3/4" Mesh Fabric, Add	*167.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.64*	
32 31 13 13-0294	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,520.90	54.74
		For Gate With Single Barb Wire Arm, Add	*149.22*	
		For Gate With Double Barb Wire Arm, Add	*217.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-254.35*	
		For Aluminized Steel Gate And Post, Add	*651.14*	
		For Powder Coated Gate And Post, Add	*352.70*	
		For 1" Mesh Fabric, Add	*590.09*	
		For 1-1/4" Mesh Fabric, Add	*379.83*	
		For 1-3/4" Mesh Fabric, Add	*236.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-118.02*	
32 31 13 13-0295	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,805.92	58.97
		For Gate With Single Barb Wire Arm, Add	*179.18*	
		For Gate With Double Barb Wire Arm, Add	*260.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.42*	
		For Aluminized Steel Gate And Post, Add	*781.88*	
		For Powder Coated Gate And Post, Add	*423.52*	
		For 1" Mesh Fabric, Add	*708.58*	
		For 1-1/4" Mesh Fabric, Add	*456.10*	
		For 1-3/4" Mesh Fabric, Add	*283.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.72*	
32 31 13 13-0296	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,093.05	63.85
		For Gate With Single Barb Wire Arm, Add	*209.14*	
		For Gate With Double Barb Wire Arm, Add	*304.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-356.49*	
		For Aluminized Steel Gate And Post, Add	*912.62*	
		For Powder Coated Gate And Post, Add	*494.34*	
		For 1" Mesh Fabric, Add	*827.07*	
		For 1-1/4" Mesh Fabric, Add	*532.36*	
		For 1-3/4" Mesh Fabric, Add	*330.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.41*	
32 31 13 13-0297	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,417.29	81.08
		For Gate With Single Barb Wire Arm, Add	*239.10*	
		For Gate With Double Barb Wire Arm, Add	*347.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-407.56*	
		For Aluminized Steel Gate And Post, Add	*1,043.36*	
		For Powder Coated Gate And Post, Add	*565.15*	
		For 1" Mesh Fabric, Add	*945.55*	
		For 1-1/4" Mesh Fabric, Add	*608.63*	
		For 1-3/4" Mesh Fabric, Add	*378.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-189.11*	
32 31 13 13-0298	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,701.74	86.90
		For Gate With Single Barb Wire Arm, Add	*268.48*	
		For Gate With Double Barb Wire Arm, Add	*390.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-457.63*	
		For Aluminized Steel Gate And Post, Add	*1,171.54*	
		For Powder Coated Gate And Post, Add	*634.58*	
		For 1" Mesh Fabric, Add	*1,061.71*	
		For 1-1/4" Mesh Fabric, Add	*683.40*	
		For 1-3/4" Mesh Fabric, Add	*424.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-212.34*	
32 31 13 13-0299	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,999.53	93.65
		For Gate With Single Barb Wire Arm, Add	*299.03*	
		For Gate With Double Barb Wire Arm, Add	*434.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-509.71*	
		For Aluminized Steel Gate And Post, Add	*1,304.85*	
		For Powder Coated Gate And Post, Add	*706.79*	
		For 1" Mesh Fabric, Add	*1,182.52*	
		For 1-1/4" Mesh Fabric, Add	*761.16*	
		For 1-3/4" Mesh Fabric, Add	*473.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.50*	
32 31 13 13-0300	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,295.33	101.41
		For Gate With Single Barb Wire Arm, Add	*328.99*	
		For Gate With Double Barb Wire Arm, Add	*478.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-560.78*	
		For Aluminized Steel Gate And Post, Add	*1,435.58*	
		For Powder Coated Gate And Post, Add	*777.61*	
		For 1" Mesh Fabric, Add	*1,301.00*	
		For 1-1/4" Mesh Fabric, Add	*837.42*	
		For 1-3/4" Mesh Fabric, Add	*520.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-260.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0301	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,590.05	110.66
		For Gate With Single Barb Wire Arm, Add	*358.36*	
		For Gate With Double Barb Wire Arm, Add	*521.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-610.85*	
		For Aluminized Steel Gate And Post, Add	*1,563.76*	
		For Powder Coated Gate And Post, Add	*847.04*	
		For 1" Mesh Fabric, Add	*1,417.16*	
		For 1-1/4" Mesh Fabric, Add	*912.20*	
		For 1-3/4" Mesh Fabric, Add	*566.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-283.43*	
32 31 13 13-0302	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,900.99	121.73
		For Gate With Single Barb Wire Arm, Add	*388.91*	
		For Gate With Double Barb Wire Arm, Add	*565.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-662.92*	
		For Aluminized Steel Gate And Post, Add	*1,697.07*	
		For Powder Coated Gate And Post, Add	*919.25*	
		For 1" Mesh Fabric, Add	*1,537.97*	
		For 1-1/4" Mesh Fabric, Add	*989.96*	
		For 1-3/4" Mesh Fabric, Add	*615.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-307.59*	
32 31 13 13-0303	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,210.61	135.21
		For Gate With Single Barb Wire Arm, Add	*418.50*	
		For Gate With Double Barb Wire Arm, Add	*608.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-713.36*	
		For Aluminized Steel Gate And Post, Add	*1,826.19*	
		For Powder Coated Gate And Post, Add	*989.19*	
		For 1" Mesh Fabric, Add	*1,654.99*	
		For 1-1/4" Mesh Fabric, Add	*1,065.28*	
		For 1-3/4" Mesh Fabric, Add	*662.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-331.00*	
32 31 13 13-0304	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,526.42	152.12
		For Gate With Single Barb Wire Arm, Add	*447.66*	
		For Gate With Double Barb Wire Arm, Add	*651.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-763.06*	
		For Aluminized Steel Gate And Post, Add	*1,953.42*	
		For Powder Coated Gate And Post, Add	*1,058.10*	
		For 1" Mesh Fabric, Add	*1,770.29*	
		For 1-1/4" Mesh Fabric, Add	*1,139.50*	
		For 1-3/4" Mesh Fabric, Add	*708.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.06*	
32 31 13 13-0305		**6' Fence Height** *(32 31 13 13-0364)*		
32 31 13 13-0306	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	444.90	27.32
		For Gate With Single Barb Wire Arm, Add	*39.90*	
		For Gate With Double Barb Wire Arm, Add	*58.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.01*	
		For Aluminized Steel Gate And Post, Add	*174.11*	
		For Powder Coated Gate And Post, Add	*94.31*	
		For 1" Mesh Fabric, Add	*157.78*	
		For 1-1/4" Mesh Fabric, Add	*101.56*	
		For 1-3/4" Mesh Fabric, Add	*63.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.56*	
32 31 13 13-0307	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	565.07	27.32
		For Gate With Single Barb Wire Arm, Add	*53.12*	
		For Gate With Double Barb Wire Arm, Add	*77.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.54*	
		For Aluminized Steel Gate And Post, Add	*231.79*	
		For Powder Coated Gate And Post, Add	*125.55*	
		For 1" Mesh Fabric, Add	*210.06*	
		For 1-1/4" Mesh Fabric, Add	*135.21*	
		For 1-3/4" Mesh Fabric, Add	*84.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.01*	
32 31 13 13-0308	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	662.05	29.05
		For Gate With Single Barb Wire Arm, Add	*63.23*	
		For Gate With Double Barb Wire Arm, Add	*91.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.78*	
		For Aluminized Steel Gate And Post, Add	*275.90*	
		For Powder Coated Gate And Post, Add	*149.45*	
		For 1" Mesh Fabric, Add	*250.04*	
		For 1-1/4" Mesh Fabric, Add	*160.94*	
		For 1-3/4" Mesh Fabric, Add	*100.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.01*	
32 31 13 13-0309	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	768.60	35.09
		For Gate With Single Barb Wire Arm, Add	*72.95*	
		For Gate With Double Barb Wire Arm, Add	*106.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.34*	
		For Aluminized Steel Gate And Post, Add	*318.31*	
		For Powder Coated Gate And Post, Add	*172.42*	
		For 1" Mesh Fabric, Add	*288.47*	
		For 1-1/4" Mesh Fabric, Add	*185.68*	
		For 1-3/4" Mesh Fabric, Add	*115.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0310	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	880.28	41.23
		For Gate With Single Barb Wire Arm, Add	*83.23*	
		For Gate With Double Barb Wire Arm, Add	*121.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.86*	
		For Aluminized Steel Gate And Post, Add	*363.17*	
		For Powder Coated Gate And Post, Add	*196.72*	
		For 1" Mesh Fabric, Add	*329.12*	
		For 1-1/4" Mesh Fabric, Add	*211.85*	
		For 1-3/4" Mesh Fabric, Add	*131.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.82*	
32 31 13 13-0311	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	986.54	46.98
		For Gate With Single Barb Wire Arm, Add	*93.02*	
		For Gate With Double Barb Wire Arm, Add	*135.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.55*	
		For Aluminized Steel Gate And Post, Add	*405.89*	
		For Powder Coated Gate And Post, Add	*219.86*	
		For 1" Mesh Fabric, Add	*367.84*	
		For 1-1/4" Mesh Fabric, Add	*236.77*	
		For 1-3/4" Mesh Fabric, Add	*147.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.57*	
32 31 13 13-0312	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,093.78	53.02
		For Gate With Single Barb Wire Arm, Add	*102.81*	
		For Gate With Double Barb Wire Arm, Add	*149.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.24*	
		For Aluminized Steel Gate And Post, Add	*448.62*	
		For Powder Coated Gate And Post, Add	*243.00*	
		For 1" Mesh Fabric, Add	*406.56*	
		For 1-1/4" Mesh Fabric, Add	*261.70*	
		For 1-3/4" Mesh Fabric, Add	*162.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.31*	
32 31 13 13-0313	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,160.94	59.06
		For Gate With Single Barb Wire Arm, Add	*108.19*	
		For Gate With Double Barb Wire Arm, Add	*157.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.42*	
		For Aluminized Steel Gate And Post, Add	*472.12*	
		For Powder Coated Gate And Post, Add	*255.73*	
		For 1" Mesh Fabric, Add	*427.86*	
		For 1-1/4" Mesh Fabric, Add	*275.40*	
		For 1-3/4" Mesh Fabric, Add	*171.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.57*	
32 31 13 13-0314	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,624.34	58.97
		For Gate With Single Barb Wire Arm, Add	*159.21*	
		For Gate With Double Barb Wire Arm, Add	*231.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-271.38*	
		For Aluminized Steel Gate And Post, Add	*694.72*	
		For Powder Coated Gate And Post, Add	*376.31*	
		For 1" Mesh Fabric, Add	*629.59*	
		For 1-1/4" Mesh Fabric, Add	*405.26*	
		For 1-3/4" Mesh Fabric, Add	*251.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.92*	
32 31 13 13-0315	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,927.48	63.85
		For Gate With Single Barb Wire Arm, Add	*190.93*	
		For Gate With Double Barb Wire Arm, Add	*277.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-325.45*	
		For Aluminized Steel Gate And Post, Add	*833.15*	
		For Powder Coated Gate And Post, Add	*451.29*	
		For 1" Mesh Fabric, Add	*755.04*	
		For 1-1/4" Mesh Fabric, Add	*486.00*	
		For 1-3/4" Mesh Fabric, Add	*302.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.01*	
32 31 13 13-0316	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,290.50	86.90
		For Gate With Single Barb Wire Arm, Add	*223.24*	
		For Gate With Double Barb Wire Arm, Add	*324.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-380.53*	
		For Aluminized Steel Gate And Post, Add	*974.15*	
		For Powder Coated Gate And Post, Add	*527.66*	
		For 1" Mesh Fabric, Add	*882.82*	
		For 1-1/4" Mesh Fabric, Add	*568.25*	
		For 1-3/4" Mesh Fabric, Add	*353.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-176.56*	
32 31 13 13-0317	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,598.97	93.65
		For Gate With Single Barb Wire Arm, Add	*254.97*	
		For Gate With Double Barb Wire Arm, Add	*370.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-434.60*	
		For Aluminized Steel Gate And Post, Add	*1,112.58*	
		For Powder Coated Gate And Post, Add	*602.65*	
		For 1" Mesh Fabric, Add	*1,008.27*	
		For 1-1/4" Mesh Fabric, Add	*649.00*	
		For 1-3/4" Mesh Fabric, Add	*403.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-201.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0318	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,916.14	101.41
		For Gate With Single Barb Wire Arm, Add	*287.28*	
		For Gate With Double Barb Wire Arm, Add	*417.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-489.68*	
		For Aluminized Steel Gate And Post, Add	*1,253.57*	
		For Powder Coated Gate And Post, Add	*679.02*	
		For 1" Mesh Fabric, Add	*1,136.05*	
		For 1-1/4" Mesh Fabric, Add	*731.25*	
		For 1-3/4" Mesh Fabric, Add	*454.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.21*	
32 31 13 13-0319	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,237.56	110.66
		For Gate With Single Barb Wire Arm, Add	*319.59*	
		For Gate With Double Barb Wire Arm, Add	*464.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-544.75*	
		For Aluminized Steel Gate And Post, Add	*1,394.57*	
		For Powder Coated Gate And Post, Add	*755.39*	
		For 1" Mesh Fabric, Add	*1,263.83*	
		For 1-1/4" Mesh Fabric, Add	*813.50*	
		For 1-3/4" Mesh Fabric, Add	*505.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-252.77*	
32 31 13 13-0320	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,559.18	121.73
		For Gate With Single Barb Wire Arm, Add	*351.31*	
		For Gate With Double Barb Wire Arm, Add	*511.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-598.83*	
		For Aluminized Steel Gate And Post, Add	*1,533.00*	
		For Powder Coated Gate And Post, Add	*830.38*	
		For 1" Mesh Fabric, Add	*1,389.28*	
		For 1-1/4" Mesh Fabric, Add	*894.25*	
		For 1-3/4" Mesh Fabric, Add	*555.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-277.86*	
32 31 13 13-0321	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,890.86	135.21
		For Gate With Single Barb Wire Arm, Add	*383.33*	
		For Gate With Double Barb Wire Arm, Add	*557.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-653.40*	
		For Aluminized Steel Gate And Post, Add	*1,672.71*	
		For Powder Coated Gate And Post, Add	*906.05*	
		For 1" Mesh Fabric, Add	*1,515.90*	
		For 1-1/4" Mesh Fabric, Add	*975.75*	
		For 1-3/4" Mesh Fabric, Add	*606.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-303.18*	
32 31 13 13-0322	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,229.47	152.12
		For Gate With Single Barb Wire Arm, Add	*414.99*	
		For Gate With Double Barb Wire Arm, Add	*603.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-707.38*	
		For Aluminized Steel Gate And Post, Add	*1,810.89*	
		For Powder Coated Gate And Post, Add	*980.90*	
		For 1" Mesh Fabric, Add	*1,641.12*	
		For 1-1/4" Mesh Fabric, Add	*1,056.35*	
		For 1-3/4" Mesh Fabric, Add	*656.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-328.22*	
32 31 13 13-0323	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,586.34	173.81
		For Gate With Single Barb Wire Arm, Add	*447.07*	
		For Gate With Double Barb Wire Arm, Add	*650.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-762.05*	
		For Aluminized Steel Gate And Post, Add	*1,950.86*	
		For Powder Coated Gate And Post, Add	*1,056.72*	
		For 1" Mesh Fabric, Add	*1,767.97*	
		For 1-1/4" Mesh Fabric, Add	*1,138.00*	
		For 1-3/4" Mesh Fabric, Add	*707.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-353.59*	
32 31 13 13-0324	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,965.49	202.82
		For Gate With Single Barb Wire Arm, Add	*479.21*	
		For Gate With Double Barb Wire Arm, Add	*697.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-816.83*	
		For Aluminized Steel Gate And Post, Add	*2,091.09*	
		For Powder Coated Gate And Post, Add	*1,132.67*	
		For 1" Mesh Fabric, Add	*1,895.05*	
		For 1-1/4" Mesh Fabric, Add	*1,219.80*	
		For 1-3/4" Mesh Fabric, Add	*758.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-379.01*	

32 31 13 13-0325 7' Fence Height *(32 31 13 13-0264)*

32 31 13 13-0326	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	466.80	29.44
		For Gate With Single Barb Wire Arm, Add	*41.61*	
		For Gate With Double Barb Wire Arm, Add	*60.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.93*	
		For Aluminized Steel Gate And Post, Add	*181.58*	
		For Powder Coated Gate And Post, Add	*98.36*	
		For 1" Mesh Fabric, Add	*164.56*	
		For 1-1/4" Mesh Fabric, Add	*105.92*	
		For 1-3/4" Mesh Fabric, Add	*65.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0327	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	591.42	29.44
		For Gate With Single Barb Wire Arm, Add	*55.32*	
		For Gate With Double Barb Wire Arm, Add	*80.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.30*	
		For Aluminized Steel Gate And Post, Add	*241.40*	
		For Powder Coated Gate And Post, Add	*130.76*	
		For 1" Mesh Fabric, Add	*218.77*	
		For 1-1/4" Mesh Fabric, Add	*140.82*	
		For 1-3/4" Mesh Fabric, Add	*87.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.75*	
32 31 13 13-0328	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	696.86	30.97
		For Gate With Single Barb Wire Arm, Add	*66.42*	
		For Gate With Double Barb Wire Arm, Add	*96.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.22*	
		For Aluminized Steel Gate And Post, Add	*289.85*	
		For Powder Coated Gate And Post, Add	*157.00*	
		For 1" Mesh Fabric, Add	*262.68*	
		For 1-1/4" Mesh Fabric, Add	*169.08*	
		For 1-3/4" Mesh Fabric, Add	*105.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.54*	
32 31 13 13-0329	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	854.07	37.68
		For Gate With Single Barb Wire Arm, Add	*81.50*	
		For Gate With Double Barb Wire Arm, Add	*118.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.93*	
		For Aluminized Steel Gate And Post, Add	*355.65*	
		For Powder Coated Gate And Post, Add	*192.64*	
		For 1" Mesh Fabric, Add	*322.31*	
		For 1-1/4" Mesh Fabric, Add	*207.46*	
		For 1-3/4" Mesh Fabric, Add	*128.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.46*	
32 31 13 13-0330	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,010.37	44.10
		For Gate With Single Barb Wire Arm, Add	*96.59*	
		For Gate With Double Barb Wire Arm, Add	*140.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.64*	
		For Aluminized Steel Gate And Post, Add	*421.47*	
		For Powder Coated Gate And Post, Add	*228.30*	
		For 1" Mesh Fabric, Add	*381.96*	
		For 1-1/4" Mesh Fabric, Add	*245.86*	
		For 1-3/4" Mesh Fabric, Add	*152.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.39*	
32 31 13 13-0331	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,167.58	50.72
		For Gate With Single Barb Wire Arm, Add	*111.67*	
		For Gate With Double Barb Wire Arm, Add	*162.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.34*	
		For Aluminized Steel Gate And Post, Add	*487.27*	
		For Powder Coated Gate And Post, Add	*263.94*	
		For 1" Mesh Fabric, Add	*441.59*	
		For 1-1/4" Mesh Fabric, Add	*284.24*	
		For 1-3/4" Mesh Fabric, Add	*176.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.32*	
32 31 13 13-0332	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,323.88	57.14
		For Gate With Single Barb Wire Arm, Add	*126.75*	
		For Gate With Double Barb Wire Arm, Add	*184.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-216.05*	
		For Aluminized Steel Gate And Post, Add	*553.08*	
		For Powder Coated Gate And Post, Add	*299.59*	
		For 1" Mesh Fabric, Add	*501.23*	
		For 1-1/4" Mesh Fabric, Add	*322.63*	
		For 1-3/4" Mesh Fabric, Add	*200.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.25*	
32 31 13 13-0333	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,456.39	63.85
		For Gate With Single Barb Wire Arm, Add	*139.11*	
		For Gate With Double Barb Wire Arm, Add	*202.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.12*	
		For Aluminized Steel Gate And Post, Add	*607.03*	
		For Powder Coated Gate And Post, Add	*328.81*	
		For 1" Mesh Fabric, Add	*550.12*	
		For 1-1/4" Mesh Fabric, Add	*354.10*	
		For 1-3/4" Mesh Fabric, Add	*220.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.02*	
32 31 13 13-0334	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,851.75	63.85
		For Gate With Single Barb Wire Arm, Add	*182.60*	
		For Gate With Double Barb Wire Arm, Add	*265.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-311.25*	
		For Aluminized Steel Gate And Post, Add	*796.80*	
		For Powder Coated Gate And Post, Add	*431.60*	
		For 1" Mesh Fabric, Add	*722.10*	
		For 1-1/4" Mesh Fabric, Add	*464.80*	
		For 1-3/4" Mesh Fabric, Add	*288.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-144.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0335	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,106.81	86.90
		For Gate With Single Barb Wire Arm, Add	*203.04*	
		For Gate With Double Barb Wire Arm, Add	*295.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.08*	
		For Aluminized Steel Gate And Post, Add	*885.97*	
		For Powder Coated Gate And Post, Add	*479.90*	
		For 1" Mesh Fabric, Add	*802.91*	
		For 1-1/4" Mesh Fabric, Add	*516.82*	
		For 1-3/4" Mesh Fabric, Add	*321.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.58*	
32 31 13 13-0336	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,434.51	93.65
		For Gate With Single Barb Wire Arm, Add	*236.88*	
		For Gate With Double Barb Wire Arm, Add	*344.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-403.76*	
		For Aluminized Steel Gate And Post, Add	*1,033.64*	
		For Powder Coated Gate And Post, Add	*559.89*	
		For 1" Mesh Fabric, Add	*936.73*	
		For 1-1/4" Mesh Fabric, Add	*602.95*	
		For 1-3/4" Mesh Fabric, Add	*374.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-187.35*	
32 31 13 13-0337	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,739.90	101.41
		For Gate With Single Barb Wire Arm, Add	*267.89*	
		For Gate With Double Barb Wire Arm, Add	*389.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-456.63*	
		For Aluminized Steel Gate And Post, Add	*1,168.98*	
		For Powder Coated Gate And Post, Add	*633.20*	
		For 1" Mesh Fabric, Add	*1,059.39*	
		For 1-1/4" Mesh Fabric, Add	*681.90*	
		For 1-3/4" Mesh Fabric, Add	*423.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-211.88*	
32 31 13 13-0338	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,077.34	110.66
		For Gate With Single Barb Wire Arm, Add	*301.96*	
		For Gate With Double Barb Wire Arm, Add	*439.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-514.71*	
		For Aluminized Steel Gate And Post, Add	*1,317.66*	
		For Powder Coated Gate And Post, Add	*713.73*	
		For 1" Mesh Fabric, Add	*1,194.13*	
		For 1-1/4" Mesh Fabric, Add	*768.64*	
		For 1-3/4" Mesh Fabric, Add	*477.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.83*	
32 31 13 13-0339	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,414.98	121.73
		For Gate With Single Barb Wire Arm, Add	*335.45*	
		For Gate With Double Barb Wire Arm, Add	*487.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-571.79*	
		For Aluminized Steel Gate And Post, Add	*1,463.78*	
		For Powder Coated Gate And Post, Add	*792.88*	
		For 1" Mesh Fabric, Add	*1,326.55*	
		For 1-1/4" Mesh Fabric, Add	*853.87*	
		For 1-3/4" Mesh Fabric, Add	*530.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-265.31*	
32 31 13 13-0340	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,760.01	135.21
		For Gate With Single Barb Wire Arm, Add	*368.94*	
		For Gate With Double Barb Wire Arm, Add	*536.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-628.87*	
		For Aluminized Steel Gate And Post, Add	*1,609.91*	
		For Powder Coated Gate And Post, Add	*872.03*	
		For 1" Mesh Fabric, Add	*1,458.98*	
		For 1-1/4" Mesh Fabric, Add	*939.11*	
		For 1-3/4" Mesh Fabric, Add	*583.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.80*	
32 31 13 13-0341	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,115.18	152.12
		For Gate With Single Barb Wire Arm, Add	*402.42*	
		For Gate With Double Barb Wire Arm, Add	*585.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-685.95*	
		For Aluminized Steel Gate And Post, Add	*1,756.03*	
		For Powder Coated Gate And Post, Add	*951.18*	
		For 1" Mesh Fabric, Add	*1,591.40*	
		For 1-1/4" Mesh Fabric, Add	*1,024.35*	
		For 1-3/4" Mesh Fabric, Add	*636.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-318.28*	
32 31 13 13-0342	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,484.86	173.81
		For Gate With Single Barb Wire Arm, Add	*435.91*	
		For Gate With Double Barb Wire Arm, Add	*634.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-743.03*	
		For Aluminized Steel Gate And Post, Add	*1,902.15*	
		For Powder Coated Gate And Post, Add	*1,030.33*	
		For 1" Mesh Fabric, Add	*1,723.82*	
		For 1-1/4" Mesh Fabric, Add	*1,109.59*	
		For 1-3/4" Mesh Fabric, Add	*689.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-344.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0343	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,876.30	202.82
		For Gate With Single Barb Wire Arm, Add	*469.40*	
		For Gate With Double Barb Wire Arm, Add	*682.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-800.11*	
		For Aluminized Steel Gate And Post, Add	*2,048.28*	
		For Powder Coated Gate And Post, Add	*1,109.48*	
		For 1" Mesh Fabric, Add	*1,856.25*	
		For 1-1/4" Mesh Fabric, Add	*1,194.83*	
		For 1-3/4" Mesh Fabric, Add	*742.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-371.25*	
32 31 13 13-0344	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,302.53	243.36
		For Gate With Single Barb Wire Arm, Add	*502.88*	
		For Gate With Double Barb Wire Arm, Add	*731.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-857.19*	
		For Aluminized Steel Gate And Post, Add	*2,194.40*	
		For Powder Coated Gate And Post, Add	*1,188.63*	
		For 1" Mesh Fabric, Add	*1,988.67*	
		For 1-1/4" Mesh Fabric, Add	*1,280.06*	
		For 1-3/4" Mesh Fabric, Add	*795.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.73*	
32 31 13 13-0345		8' Fence Height *(32 31 13 13-0264)*		
32 31 13 13-0346	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	547.68	31.93
		For Gate With Single Barb Wire Arm, Add	*49.70*	
		For Gate With Double Barb Wire Arm, Add	*72.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.71*	
		For Aluminized Steel Gate And Post, Add	*216.86*	
		For Powder Coated Gate And Post, Add	*117.47*	
		For 1" Mesh Fabric, Add	*196.53*	
		For 1-1/4" Mesh Fabric, Add	*126.50*	
		For 1-3/4" Mesh Fabric, Add	*78.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.31*	
32 31 13 13-0347	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	698.29	31.93
		For Gate With Single Barb Wire Arm, Add	*66.27*	
		For Gate With Double Barb Wire Arm, Add	*96.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.95*	
		For Aluminized Steel Gate And Post, Add	*289.16*	
		For Powder Coated Gate And Post, Add	*156.63*	
		For 1" Mesh Fabric, Add	*262.05*	
		For 1-1/4" Mesh Fabric, Add	*168.67*	
		For 1-3/4" Mesh Fabric, Add	*104.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.41*	
32 31 13 13-0348	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	815.40	35.57
		For Gate With Single Barb Wire Arm, Add	*77.93*	
		For Gate With Double Barb Wire Arm, Add	*113.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.84*	
		For Aluminized Steel Gate And Post, Add	*340.08*	
		For Powder Coated Gate And Post, Add	*184.21*	
		For 1" Mesh Fabric, Add	*308.19*	
		For 1-1/4" Mesh Fabric, Add	*198.38*	
		For 1-3/4" Mesh Fabric, Add	*123.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.64*	
32 31 13 13-0349	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	935.39	40.26
		For Gate With Single Barb Wire Arm, Add	*89.60*	
		For Gate With Double Barb Wire Arm, Add	*130.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-152.74*	
		For Aluminized Steel Gate And Post, Add	*391.00*	
		For Powder Coated Gate And Post, Add	*211.79*	
		For 1" Mesh Fabric, Add	*354.35*	
		For 1-1/4" Mesh Fabric, Add	*228.09*	
		For 1-3/4" Mesh Fabric, Add	*141.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.87*	
32 31 13 13-0350	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,066.43	48.51
		For Gate With Single Barb Wire Arm, Add	*101.28*	
		For Gate With Double Barb Wire Arm, Add	*147.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.63*	
		For Aluminized Steel Gate And Post, Add	*441.94*	
		For Powder Coated Gate And Post, Add	*239.38*	
		For 1" Mesh Fabric, Add	*400.50*	
		For 1-1/4" Mesh Fabric, Add	*257.80*	
		For 1-3/4" Mesh Fabric, Add	*160.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.10*	
32 31 13 13-0351	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,196.50	56.47
		For Gate With Single Barb Wire Arm, Add	*112.95*	
		For Gate With Double Barb Wire Arm, Add	*164.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-192.53*	
		For Aluminized Steel Gate And Post, Add	*492.86*	
		For Powder Coated Gate And Post, Add	*266.97*	
		For 1" Mesh Fabric, Add	*446.66*	
		For 1-1/4" Mesh Fabric, Add	*287.50*	
		For 1-3/4" Mesh Fabric, Add	*178.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0352	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,327.53	64.82
		For Gate With Single Barb Wire Arm, Add	*124.62*	
		For Gate With Double Barb Wire Arm, Add	*181.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.42*	
		For Aluminized Steel Gate And Post, Add	*543.79*	
		For Powder Coated Gate And Post, Add	*294.55*	
		For 1" Mesh Fabric, Add	*492.81*	
		For 1-1/4" Mesh Fabric, Add	*317.21*	
		For 1-3/4" Mesh Fabric, Add	*197.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.56*	
32 31 13 13-0353	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,458.55	73.15
		For Gate With Single Barb Wire Arm, Add	*136.29*	
		For Gate With Double Barb Wire Arm, Add	*198.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.31*	
		For Aluminized Steel Gate And Post, Add	*594.72*	
		For Powder Coated Gate And Post, Add	*322.14*	
		For 1" Mesh Fabric, Add	*538.97*	
		For 1-1/4" Mesh Fabric, Add	*346.92*	
		For 1-3/4" Mesh Fabric, Add	*215.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.79*	
32 31 13 13-0354	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,119.56	86.90
		For Gate With Single Barb Wire Arm, Add	*204.44*	
		For Gate With Double Barb Wire Arm, Add	*297.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-348.47*	
		For Aluminized Steel Gate And Post, Add	*892.09*	
		For Powder Coated Gate And Post, Add	*483.22*	
		For 1" Mesh Fabric, Add	*808.46*	
		For 1-1/4" Mesh Fabric, Add	*520.39*	
		For 1-3/4" Mesh Fabric, Add	*323.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-161.69*	
32 31 13 13-0355	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,497.50	93.65
		For Gate With Single Barb Wire Arm, Add	*243.80*	
		For Gate With Double Barb Wire Arm, Add	*354.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-415.58*	
		For Aluminized Steel Gate And Post, Add	*1,063.87*	
		For Powder Coated Gate And Post, Add	*576.26*	
		For 1" Mesh Fabric, Add	*964.13*	
		For 1-1/4" Mesh Fabric, Add	*620.59*	
		For 1-3/4" Mesh Fabric, Add	*385.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-192.83*	
32 31 13 13-0356	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,884.10	101.41
		For Gate With Single Barb Wire Arm, Add	*283.75*	
		For Gate With Double Barb Wire Arm, Add	*412.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-483.67*	
		For Aluminized Steel Gate And Post, Add	*1,238.19*	
		For Powder Coated Gate And Post, Add	*670.69*	
		For 1" Mesh Fabric, Add	*1,122.11*	
		For 1-1/4" Mesh Fabric, Add	*722.28*	
		For 1-3/4" Mesh Fabric, Add	*448.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.42*	
32 31 13 13-0357	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,285.63	110.66
		For Gate With Single Barb Wire Arm, Add	*324.88*	
		For Gate With Double Barb Wire Arm, Add	*472.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-553.77*	
		For Aluminized Steel Gate And Post, Add	*1,417.64*	
		For Powder Coated Gate And Post, Add	*767.89*	
		For 1" Mesh Fabric, Add	*1,284.74*	
		For 1-1/4" Mesh Fabric, Add	*826.96*	
		For 1-3/4" Mesh Fabric, Add	*513.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-256.95*	
32 31 13 13-0358	EA	18' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,692.70	121.73
		For Gate With Single Barb Wire Arm, Add	*366.00*	
		For Gate With Double Barb Wire Arm, Add	*532.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-623.86*	
		For Aluminized Steel Gate And Post, Add	*1,597.09*	
		For Powder Coated Gate And Post, Add	*865.09*	
		For 1" Mesh Fabric, Add	*1,447.36*	
		For 1-1/4" Mesh Fabric, Add	*931.64*	
		For 1-3/4" Mesh Fabric, Add	*578.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-289.47*	
32 31 13 13-0359	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,101.82	135.21
		For Gate With Single Barb Wire Arm, Add	*406.54*	
		For Gate With Double Barb Wire Arm, Add	*591.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-692.96*	
		For Aluminized Steel Gate And Post, Add	*1,773.97*	
		For Powder Coated Gate And Post, Add	*960.90*	
		For 1" Mesh Fabric, Add	*1,607.66*	
		For 1-1/4" Mesh Fabric, Add	*1,034.82*	
		For 1-3/4" Mesh Fabric, Add	*643.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-321.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0360	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,515.74	152.12
		For Gate With Single Barb Wire Arm, Add	*446.48*	
		For Gate With Double Barb Wire Arm, Add	*649.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-761.05*	
		For Aluminized Steel Gate And Post, Add	*1,948.30*	
		For Powder Coated Gate And Post, Add	*1,055.33*	
		For 1" Mesh Fabric, Add	*1,765.64*	
		For 1-1/4" Mesh Fabric, Add	*1,136.51*	
		For 1-3/4" Mesh Fabric, Add	*706.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-353.13*	
32 31 13 13-0361	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,954.85	173.81
		For Gate With Single Barb Wire Arm, Add	*487.61*	
		For Gate With Double Barb Wire Arm, Add	*709.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-831.15*	
		For Aluminized Steel Gate And Post, Add	*2,127.74*	
		For Powder Coated Gate And Post, Add	*1,152.53*	
		For 1" Mesh Fabric, Add	*1,928.27*	
		For 1-1/4" Mesh Fabric, Add	*1,241.18*	
		For 1-3/4" Mesh Fabric, Add	*771.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-385.65*	
32 31 13 13-0362	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,415.71	202.82
		For Gate With Single Barb Wire Arm, Add	*528.73*	
		For Gate With Double Barb Wire Arm, Add	*769.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-901.25*	
		For Aluminized Steel Gate And Post, Add	*2,307.19*	
		For Powder Coated Gate And Post, Add	*1,249.73*	
		For 1" Mesh Fabric, Add	*2,090.89*	
		For 1-1/4" Mesh Fabric, Add	*1,345.86*	
		For 1-3/4" Mesh Fabric, Add	*836.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-418.18*	
32 31 13 13-0363	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,906.03	243.36
		For Gate With Single Barb Wire Arm, Add	*569.27*	
		For Gate With Double Barb Wire Arm, Add	*828.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-970.34*	
		For Aluminized Steel Gate And Post, Add	*2,484.08*	
		For Powder Coated Gate And Post, Add	*1,345.54*	
		For 1" Mesh Fabric, Add	*2,251.19*	
		For 1-1/4" Mesh Fabric, Add	*1,449.04*	
		For 1-3/4" Mesh Fabric, Add	*900.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-450.24*	
32 31 13 13-0364	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,457.25	304.22
		For Gate With Single Barb Wire Arm, Add	*609.80*	
		For Gate With Double Barb Wire Arm, Add	*886.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,039.44*	
		For Aluminized Steel Gate And Post, Add	*2,660.96*	
		For Powder Coated Gate And Post, Add	*1,441.35*	
		For 1" Mesh Fabric, Add	*2,411.50*	
		For 1-1/4" Mesh Fabric, Add	*1,552.23*	
		For 1-3/4" Mesh Fabric, Add	*964.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-482.30*	

32 31 13 13-0365 10' Fence Height *(32 31 13 13-0264)*

32 31 13 13-0366	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	690.76	35.47
		For Gate With Single Barb Wire Arm, Add	*64.27*	
		For Gate With Double Barb Wire Arm, Add	*93.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.55*	
		For Aluminized Steel Gate And Post, Add	*280.44*	
		For Powder Coated Gate And Post, Add	*151.90*	
		For 1" Mesh Fabric, Add	*254.14*	
		For 1-1/4" Mesh Fabric, Add	*163.59*	
		For 1-3/4" Mesh Fabric, Add	*101.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.83*	
32 31 13 13-0367	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	885.50	35.47
		For Gate With Single Barb Wire Arm, Add	*85.69*	
		For Gate With Double Barb Wire Arm, Add	*124.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.06*	
		For Aluminized Steel Gate And Post, Add	*373.91*	
		For Powder Coated Gate And Post, Add	*202.53*	
		For 1" Mesh Fabric, Add	*338.86*	
		For 1-1/4" Mesh Fabric, Add	*218.11*	
		For 1-3/4" Mesh Fabric, Add	*135.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.77*	
32 31 13 13-0368	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,027.41	37.01
		For Gate With Single Barb Wire Arm, Add	*100.78*	
		For Gate With Double Barb Wire Arm, Add	*146.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.79*	
		For Aluminized Steel Gate And Post, Add	*439.78*	
		For Powder Coated Gate And Post, Add	*238.21*	
		For 1" Mesh Fabric, Add	*398.55*	
		For 1-1/4" Mesh Fabric, Add	*256.54*	
		For 1-3/4" Mesh Fabric, Add	*159.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0369	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,191.46	46.02
		For Gate With Single Barb Wire Arm, Add	*115.88*	
		For Gate With Double Barb Wire Arm, Add	*168.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.51*	
		For Aluminized Steel Gate And Post, Add	*505.64*	
		For Powder Coated Gate And Post, Add	*273.89*	
		For 1" Mesh Fabric, Add	*458.23*	
		For 1-1/4" Mesh Fabric, Add	*294.95*	
		For 1-3/4" Mesh Fabric, Add	*183.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.65*	
32 31 13 13-0370	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,354.94	54.56
		For Gate With Single Barb Wire Arm, Add	*130.96*	
		For Gate With Double Barb Wire Arm, Add	*190.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-223.23*	
		For Aluminized Steel Gate And Post, Add	*571.48*	
		For Powder Coated Gate And Post, Add	*309.55*	
		For 1" Mesh Fabric, Add	*517.90*	
		For 1-1/4" Mesh Fabric, Add	*333.36*	
		For 1-3/4" Mesh Fabric, Add	*207.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.58*	
32 31 13 13-0371	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,518.57	63.56
		For Gate With Single Barb Wire Arm, Add	*146.06*	
		For Gate With Double Barb Wire Arm, Add	*212.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.96*	
		For Aluminized Steel Gate And Post, Add	*637.34*	
		For Powder Coated Gate And Post, Add	*345.23*	
		For 1" Mesh Fabric, Add	*577.59*	
		For 1-1/4" Mesh Fabric, Add	*371.78*	
		For 1-3/4" Mesh Fabric, Add	*231.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.52*	
32 31 13 13-0372	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,681.66	72.19
		For Gate With Single Barb Wire Arm, Add	*161.15*	
		For Gate With Double Barb Wire Arm, Add	*234.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-274.69*	
		For Aluminized Steel Gate And Post, Add	*703.20*	
		For Powder Coated Gate And Post, Add	*380.90*	
		For 1" Mesh Fabric, Add	*637.28*	
		For 1-1/4" Mesh Fabric, Add	*410.20*	
		For 1-3/4" Mesh Fabric, Add	*254.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-127.46*	
32 31 13 13-0373	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,845.75	81.11
		For Gate With Single Barb Wire Arm, Add	*176.24*	
		For Gate With Double Barb Wire Arm, Add	*256.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-300.42*	
		For Aluminized Steel Gate And Post, Add	*769.07*	
		For Powder Coated Gate And Post, Add	*416.58*	
		For 1" Mesh Fabric, Add	*696.97*	
		For 1-1/4" Mesh Fabric, Add	*448.62*	
		For 1-3/4" Mesh Fabric, Add	*278.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.39*	
32 31 13 13-0374	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,693.33	96.61
		For Gate With Single Barb Wire Arm, Add	*264.36*	
		For Gate With Double Barb Wire Arm, Add	*384.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-450.62*	
		For Aluminized Steel Gate And Post, Add	*1,153.58*	
		For Powder Coated Gate And Post, Add	*624.86*	
		For 1" Mesh Fabric, Add	*1,045.44*	
		For 1-1/4" Mesh Fabric, Add	*672.92*	
		For 1-3/4" Mesh Fabric, Add	*418.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.09*	
32 31 13 13-0375	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,929.22	103.92
		For Gate With Single Barb Wire Arm, Add	*287.87*	
		For Gate With Double Barb Wire Arm, Add	*418.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-490.69*	
		For Aluminized Steel Gate And Post, Add	*1,256.16*	
		For Powder Coated Gate And Post, Add	*680.42*	
		For 1" Mesh Fabric, Add	*1,138.39*	
		For 1-1/4" Mesh Fabric, Add	*732.76*	
		For 1-3/4" Mesh Fabric, Add	*455.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.68*	
32 31 13 13-0376	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,339.85	112.71
		For Gate With Single Barb Wire Arm, Add	*330.16*	
		For Gate With Double Barb Wire Arm, Add	*480.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-562.78*	
		For Aluminized Steel Gate And Post, Add	*1,440.71*	
		For Powder Coated Gate And Post, Add	*780.38*	
		For 1" Mesh Fabric, Add	*1,305.64*	
		For 1-1/4" Mesh Fabric, Add	*840.41*	
		For 1-3/4" Mesh Fabric, Add	*522.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0377	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,797.71	122.88
		For Gate With Single Barb Wire Arm, Add	*377.16*	
		For Gate With Double Barb Wire Arm, Add	*548.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-642.89*	
		For Aluminized Steel Gate And Post, Add	*1,645.80*	
		For Powder Coated Gate And Post, Add	*891.47*	
		For 1" Mesh Fabric, Add	*1,491.50*	
		For 1-1/4" Mesh Fabric, Add	*960.05*	
		For 1-3/4" Mesh Fabric, Add	*596.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-298.30*	
32 31 13 13-0378	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,262.04	135.21
		For Gate With Single Barb Wire Arm, Add	*424.16*	
		For Gate With Double Barb Wire Arm, Add	*616.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-723.00*	
		For Aluminized Steel Gate And Post, Add	*1,850.88*	
		For Powder Coated Gate And Post, Add	*1,002.56*	
		For 1" Mesh Fabric, Add	*1,677.36*	
		For 1-1/4" Mesh Fabric, Add	*1,079.68*	
		For 1-3/4" Mesh Fabric, Add	*670.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-335.47*	
32 31 13 13-0379	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,736.87	150.17
		For Gate With Single Barb Wire Arm, Add	*471.45*	
		For Gate With Double Barb Wire Arm, Add	*685.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-803.61*	
		For Aluminized Steel Gate And Post, Add	*2,057.25*	
		For Powder Coated Gate And Post, Add	*1,114.34*	
		For 1" Mesh Fabric, Add	*1,864.38*	
		For 1-1/4" Mesh Fabric, Add	*1,200.06*	
		For 1-3/4" Mesh Fabric, Add	*745.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-372.88*	
32 31 13 13-0380	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,223.41	169.01
		For Gate With Single Barb Wire Arm, Add	*518.74*	
		For Gate With Double Barb Wire Arm, Add	*754.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-884.22*	
		For Aluminized Steel Gate And Post, Add	*2,263.61*	
		For Powder Coated Gate And Post, Add	*1,226.12*	
		For 1" Mesh Fabric, Add	*2,051.40*	
		For 1-1/4" Mesh Fabric, Add	*1,320.44*	
		For 1-3/4" Mesh Fabric, Add	*820.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-410.28*	
32 31 13 13-0381	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,722.80	192.99
		For Gate With Single Barb Wire Arm, Add	*565.74*	
		For Gate With Double Barb Wire Arm, Add	*822.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-964.33*	
		For Aluminized Steel Gate And Post, Add	*2,468.69*	
		For Powder Coated Gate And Post, Add	*1,337.21*	
		For 1" Mesh Fabric, Add	*2,237.25*	
		For 1-1/4" Mesh Fabric, Add	*1,440.07*	
		For 1-3/4" Mesh Fabric, Add	*894.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.45*	
32 31 13 13-0382	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,247.10	225.31
		For Gate With Single Barb Wire Arm, Add	*612.74*	
		For Gate With Double Barb Wire Arm, Add	*891.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,044.44*	
		For Aluminized Steel Gate And Post, Add	*2,673.78*	
		For Powder Coated Gate And Post, Add	*1,448.30*	
		For 1" Mesh Fabric, Add	*2,423.11*	
		For 1-1/4" Mesh Fabric, Add	*1,559.70*	
		For 1-3/4" Mesh Fabric, Add	*969.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-484.62*	
32 31 13 13-0383	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,808.99	270.19
		For Gate With Single Barb Wire Arm, Add	*659.74*	
		For Gate With Double Barb Wire Arm, Add	*959.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,124.56*	
		For Aluminized Steel Gate And Post, Add	*2,878.86*	
		For Powder Coated Gate And Post, Add	*1,559.38*	
		For 1" Mesh Fabric, Add	*2,608.97*	
		For 1-1/4" Mesh Fabric, Add	*1,679.34*	
		For 1-3/4" Mesh Fabric, Add	*1,043.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-521.79*	
32 31 13 13-0384	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,445.33	338.03
		For Gate With Single Barb Wire Arm, Add	*707.33*	
		For Gate With Double Barb Wire Arm, Add	*1,028.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,205.67*	
		For Aluminized Steel Gate And Post, Add	*3,086.51*	
		For Powder Coated Gate And Post, Add	*1,671.86*	
		For 1" Mesh Fabric, Add	*2,797.15*	
		For 1-1/4" Mesh Fabric, Add	*1,800.46*	
		For 1-3/4" Mesh Fabric, Add	*1,118.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-559.43*	

32 31 13 13-0385 12' Fence Height *(32 31 13 13-0264)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0386	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	866.19	39.40
		For Gate With Single Barb Wire Arm, Add	*82.26*	
		For Gate With Double Barb Wire Arm, Add	*119.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-140.22*	
		For Aluminized Steel Gate And Post, Add	*358.96*	
		For Powder Coated Gate And Post, Add	*194.44*	
		For 1" Mesh Fabric, Add	*325.31*	
		For 1-1/4" Mesh Fabric, Add	*209.39*	
		For 1-3/4" Mesh Fabric, Add	*130.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.06*	
32 31 13 13-0387	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,115.45	39.40
		For Gate With Single Barb Wire Arm, Add	*109.68*	
		For Gate With Double Barb Wire Arm, Add	*159.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-186.95*	
		For Aluminized Steel Gate And Post, Add	*478.60*	
		For Powder Coated Gate And Post, Add	*259.24*	
		For 1" Mesh Fabric, Add	*433.73*	
		For 1-1/4" Mesh Fabric, Add	*279.19*	
		For 1-3/4" Mesh Fabric, Add	*173.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-86.75*	
32 31 13 13-0388	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,295.44	40.85
		For Gate With Single Barb Wire Arm, Add	*129.00*	
		For Gate With Double Barb Wire Arm, Add	*187.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.89*	
		For Aluminized Steel Gate And Post, Add	*562.91*	
		For Powder Coated Gate And Post, Add	*304.91*	
		For 1" Mesh Fabric, Add	*510.14*	
		For 1-1/4" Mesh Fabric, Add	*328.36*	
		For 1-3/4" Mesh Fabric, Add	*204.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.03*	
32 31 13 13-0389	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,500.79	50.72
		For Gate With Single Barb Wire Arm, Add	*148.32*	
		For Gate With Double Barb Wire Arm, Add	*215.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-252.82*	
		For Aluminized Steel Gate And Post, Add	*647.21*	
		For Powder Coated Gate And Post, Add	*350.57*	
		For 1" Mesh Fabric, Add	*586.53*	
		For 1-1/4" Mesh Fabric, Add	*377.54*	
		For 1-3/4" Mesh Fabric, Add	*234.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.31*	
32 31 13 13-0390	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	659.11	60.69
		For Gate With Single Barb Wire Arm, Add	*52.46*	
		For Gate With Double Barb Wire Arm, Add	*76.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.43*	
		For Aluminized Steel Gate And Post, Add	*228.93*	
		For Powder Coated Gate And Post, Add	*124.00*	
		For 1" Mesh Fabric, Add	*207.47*	
		For 1-1/4" Mesh Fabric, Add	*133.54*	
		For 1-3/4" Mesh Fabric, Add	*82.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.49*	
32 31 13 13-0391	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	742.84	70.28
		For Gate With Single Barb Wire Arm, Add	*58.51*	
		For Gate With Double Barb Wire Arm, Add	*85.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.73*	
		For Aluminized Steel Gate And Post, Add	*255.32*	
		For Powder Coated Gate And Post, Add	*138.30*	
		For 1" Mesh Fabric, Add	*231.38*	
		For 1-1/4" Mesh Fabric, Add	*148.93*	
		For 1-3/4" Mesh Fabric, Add	*92.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.28*	
32 31 13 13-0392	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	827.53	80.16
		For Gate With Single Barb Wire Arm, Add	*64.56*	
		For Gate With Double Barb Wire Arm, Add	*93.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-110.04*	
		For Aluminized Steel Gate And Post, Add	*281.70*	
		For Powder Coated Gate And Post, Add	*152.59*	
		For 1" Mesh Fabric, Add	*255.29*	
		For 1-1/4" Mesh Fabric, Add	*164.32*	
		For 1-3/4" Mesh Fabric, Add	*102.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.06*	
32 31 13 13-0393	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	912.20	90.03
		For Gate With Single Barb Wire Arm, Add	*70.60*	
		For Gate With Double Barb Wire Arm, Add	*102.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.34*	
		For Aluminized Steel Gate And Post, Add	*308.08*	
		For Powder Coated Gate And Post, Add	*166.88*	
		For 1" Mesh Fabric, Add	*279.20*	
		For 1-1/4" Mesh Fabric, Add	*179.71*	
		For 1-3/4" Mesh Fabric, Add	*111.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0394	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,216.49	107.34
		For Gate With Single Barb Wire Arm, Add	*98.37*	
		For Gate With Double Barb Wire Arm, Add	*143.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.67*	
		For Aluminized Steel Gate And Post, Add	*429.24*	
		For Powder Coated Gate And Post, Add	*232.50*	
		For 1" Mesh Fabric, Add	*388.99*	
		For 1-1/4" Mesh Fabric, Add	*250.39*	
		For 1-3/4" Mesh Fabric, Add	*155.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.80*	
32 31 13 13-0395	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,329.68	115.56
		For Gate With Single Barb Wire Arm, Add	*108.11*	
		For Gate With Double Barb Wire Arm, Add	*157.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.28*	
		For Aluminized Steel Gate And Post, Add	*471.76*	
		For Powder Coated Gate And Post, Add	*255.54*	
		For 1" Mesh Fabric, Add	*427.53*	
		For 1-1/4" Mesh Fabric, Add	*275.19*	
		For 1-3/4" Mesh Fabric, Add	*171.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.51*	
32 31 13 13-0396	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,502.54	125.16
		For Gate With Single Barb Wire Arm, Add	*123.92*	
		For Gate With Double Barb Wire Arm, Add	*180.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-211.23*	
		For Aluminized Steel Gate And Post, Add	*540.76*	
		For Powder Coated Gate And Post, Add	*292.91*	
		For 1" Mesh Fabric, Add	*490.06*	
		For 1-1/4" Mesh Fabric, Add	*315.44*	
		For 1-3/4" Mesh Fabric, Add	*196.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.01*	
32 31 13 13-0397	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,697.09	136.47
		For Gate With Single Barb Wire Arm, Add	*141.57*	
		For Gate With Double Barb Wire Arm, Add	*205.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.32*	
		For Aluminized Steel Gate And Post, Add	*617.78*	
		For Powder Coated Gate And Post, Add	*334.63*	
		For 1" Mesh Fabric, Add	*559.86*	
		For 1-1/4" Mesh Fabric, Add	*360.37*	
		For 1-3/4" Mesh Fabric, Add	*223.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-111.97*	
32 31 13 13-0398	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,076.00	150.29
		For Gate With Single Barb Wire Arm, Add	*508.76*	
		For Gate With Double Barb Wire Arm, Add	*740.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-867.20*	
		For Aluminized Steel Gate And Post, Add	*2,220.03*	
		For Powder Coated Gate And Post, Add	*1,202.52*	
		For 1" Mesh Fabric, Add	*2,011.90*	
		For 1-1/4" Mesh Fabric, Add	*1,295.02*	
		For 1-3/4" Mesh Fabric, Add	*804.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-402.38*	
32 31 13 13-0399	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,643.98	166.84
		For Gate With Single Barb Wire Arm, Add	*565.74*	
		For Gate With Double Barb Wire Arm, Add	*822.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-964.33*	
		For Aluminized Steel Gate And Post, Add	*2,468.69*	
		For Powder Coated Gate And Post, Add	*1,337.21*	
		For 1" Mesh Fabric, Add	*2,237.25*	
		For 1-1/4" Mesh Fabric, Add	*1,440.07*	
		For 1-3/4" Mesh Fabric, Add	*894.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.45*	
32 31 13 13-0400	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,219.76	187.74
		For Gate With Single Barb Wire Arm, Add	*622.14*	
		For Gate With Double Barb Wire Arm, Add	*904.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,060.47*	
		For Aluminized Steel Gate And Post, Add	*2,714.79*	
		For Powder Coated Gate And Post, Add	*1,470.51*	
		For 1" Mesh Fabric, Add	*2,460.28*	
		For 1-1/4" Mesh Fabric, Add	*1,583.63*	
		For 1-3/4" Mesh Fabric, Add	*984.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-492.06*	
32 31 13 13-0401	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,817.97	214.46
		For Gate With Single Barb Wire Arm, Add	*679.13*	
		For Gate With Double Barb Wire Arm, Add	*987.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,157.60*	
		For Aluminized Steel Gate And Post, Add	*2,963.46*	
		For Powder Coated Gate And Post, Add	*1,605.21*	
		For 1" Mesh Fabric, Add	*2,685.63*	
		For 1-1/4" Mesh Fabric, Add	*1,728.68*	
		For 1-3/4" Mesh Fabric, Add	*1,074.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-537.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0402	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,433.17	250.44
		For Gate With Single Barb Wire Arm, Add	*734.94*	
		For Gate With Double Barb Wire Arm, Add	*1,069.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,252.73*	
		For Aluminized Steel Gate And Post, Add	*3,207.00*	
		For Powder Coated Gate And Post, Add	*1,737.12*	
		For 1" Mesh Fabric, Add	*2,906.34*	
		For 1-1/4" Mesh Fabric, Add	*1,870.75*	
		For 1-3/4" Mesh Fabric, Add	*1,162.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-581.27*	
32 31 13 13-0403	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,095.46	300.23
		For Gate With Single Barb Wire Arm, Add	*791.33*	
		For Gate With Double Barb Wire Arm, Add	*1,151.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,348.87*	
		For Aluminized Steel Gate And Post, Add	*3,453.10*	
		For Powder Coated Gate And Post, Add	*1,870.43*	
		For 1" Mesh Fabric, Add	*3,129.37*	
		For 1-1/4" Mesh Fabric, Add	*2,014.31*	
		For 1-3/4" Mesh Fabric, Add	*1,251.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-625.87*	
32 31 13 13-0404	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,839.89	375.60
		For Gate With Single Barb Wire Arm, Add	*848.32*	
		For Gate With Double Barb Wire Arm, Add	*1,233.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,446.00*	
		For Aluminized Steel Gate And Post, Add	*3,701.76*	
		For Powder Coated Gate And Post, Add	*2,005.12*	
		For 1" Mesh Fabric, Add	*3,354.72*	
		For 1-1/4" Mesh Fabric, Add	*2,159.36*	
		For 1-3/4" Mesh Fabric, Add	*1,341.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-670.94*	

32 31 13 13-0405 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0406 4' Fence Height *(32 31 13 13-0405)*

32 31 13 13-0407	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	183.45	23.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-20.91*	
		For 1" Mesh Fabric, Add	*48.52*	
		For 1-1/4" Mesh Fabric, Add	*31.23*	
		For 1-3/4" Mesh Fabric, Add	*19.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.70*	
		For Gate With Single Barb Wire Arm, Add	*12.27*	
		For Gate With Double Barb Wire Arm, Add	*17.85*	
32 31 13 13-0408	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	220.62	23.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.88*	
		For 1" Mesh Fabric, Add	*64.69*	
		For 1-1/4" Mesh Fabric, Add	*41.64*	
		For 1-3/4" Mesh Fabric, Add	*25.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.94*	
		For Gate With Single Barb Wire Arm, Add	*16.36*	
		For Gate With Double Barb Wire Arm, Add	*23.79*	
32 31 13 13-0409	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	256.40	25.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-33.69*	
		For 1" Mesh Fabric, Add	*78.17*	
		For 1-1/4" Mesh Fabric, Add	*50.32*	
		For 1-3/4" Mesh Fabric, Add	*31.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.63*	
		For Gate With Single Barb Wire Arm, Add	*19.77*	
		For Gate With Double Barb Wire Arm, Add	*28.75*	
32 31 13 13-0410	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	302.72	30.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.50*	
		For 1" Mesh Fabric, Add	*91.65*	
		For 1-1/4" Mesh Fabric, Add	*58.99*	
		For 1-3/4" Mesh Fabric, Add	*36.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.33*	
		For Gate With Single Barb Wire Arm, Add	*23.17*	
		For Gate With Double Barb Wire Arm, Add	*33.71*	
32 31 13 13-0411	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	349.03	35.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.31*	
		For 1" Mesh Fabric, Add	*105.12*	
		For 1-1/4" Mesh Fabric, Add	*67.66*	
		For 1-3/4" Mesh Fabric, Add	*42.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.02*	
		For Gate With Single Barb Wire Arm, Add	*26.58*	
		For Gate With Double Barb Wire Arm, Add	*38.66*	
32 31 13 13-0412	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	395.36	40.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.12*	
		For 1" Mesh Fabric, Add	*118.60*	
		For 1-1/4" Mesh Fabric, Add	*76.34*	
		For 1-3/4" Mesh Fabric, Add	*47.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.72*	
		For Gate With Single Barb Wire Arm, Add	*29.99*	
		For Gate With Double Barb Wire Arm, Add	*43.62*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0413	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	441.68	46.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.93*	
		For 1" Mesh Fabric, Add	*132.07*	
		For 1-1/4" Mesh Fabric, Add	*85.01*	
		For 1-3/4" Mesh Fabric, Add	*52.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.41*	
		For Gate With Single Barb Wire Arm, Add	*33.40*	
		For Gate With Double Barb Wire Arm, Add	*48.58*	
32 31 13 13-0414	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	488.00	51.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.74*	
		For 1" Mesh Fabric, Add	*145.55*	
		For 1-1/4" Mesh Fabric, Add	*93.69*	
		For 1-3/4" Mesh Fabric, Add	*58.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.11*	
		For Gate With Single Barb Wire Arm, Add	*36.81*	
		For Gate With Double Barb Wire Arm, Add	*53.54*	
32 31 13 13-0415	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	599.54	51.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-83.65*	
		For 1" Mesh Fabric, Add	*194.07*	
		For 1-1/4" Mesh Fabric, Add	*124.92*	
		For 1-3/4" Mesh Fabric, Add	*77.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.81*	
		For Gate With Single Barb Wire Arm, Add	*49.08*	
		For Gate With Double Barb Wire Arm, Add	*71.38*	
32 31 13 13-0416	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	699.73	54.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.38*	
		For 1" Mesh Fabric, Add	*232.89*	
		For 1-1/4" Mesh Fabric, Add	*149.90*	
		For 1-3/4" Mesh Fabric, Add	*93.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.58*	
		For Gate With Single Barb Wire Arm, Add	*58.89*	
		For Gate With Double Barb Wire Arm, Add	*85.66*	
32 31 13 13-0417	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	801.60	58.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-117.11*	
		For 1" Mesh Fabric, Add	*271.70*	
		For 1-1/4" Mesh Fabric, Add	*174.89*	
		For 1-3/4" Mesh Fabric, Add	*108.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.34*	
		For Gate With Single Barb Wire Arm, Add	*68.71*	
		For Gate With Double Barb Wire Arm, Add	*99.94*	
32 31 13 13-0418	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	905.57	63.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-133.84*	
		For 1" Mesh Fabric, Add	*310.51*	
		For 1-1/4" Mesh Fabric, Add	*199.87*	
		For 1-3/4" Mesh Fabric, Add	*124.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.10*	
		For Gate With Single Barb Wire Arm, Add	*78.52*	
		For Gate With Double Barb Wire Arm, Add	*114.21*	
32 31 13 13-0419	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,046.67	81.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-150.57*	
		For 1" Mesh Fabric, Add	*349.33*	
		For 1-1/4" Mesh Fabric, Add	*224.85*	
		For 1-3/4" Mesh Fabric, Add	*139.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.87*	
		For Gate With Single Barb Wire Arm, Add	*88.34*	
		For Gate With Double Barb Wire Arm, Add	*128.49*	
32 31 13 13-0420	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,153.31	86.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.30*	
		For 1" Mesh Fabric, Add	*388.14*	
		For 1-1/4" Mesh Fabric, Add	*249.84*	
		For 1-3/4" Mesh Fabric, Add	*155.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.63*	
		For Gate With Single Barb Wire Arm, Add	*98.15*	
		For Gate With Double Barb Wire Arm, Add	*142.76*	
32 31 13 13-0421	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,262.61	93.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.03*	
		For 1" Mesh Fabric, Add	*426.96*	
		For 1-1/4" Mesh Fabric, Add	*274.82*	
		For 1-3/4" Mesh Fabric, Add	*170.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.39*	
		For Gate With Single Barb Wire Arm, Add	*107.97*	
		For Gate With Double Barb Wire Arm, Add	*157.04*	
32 31 13 13-0422	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,375.26	101.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-200.76*	
		For 1" Mesh Fabric, Add	*465.77*	
		For 1-1/4" Mesh Fabric, Add	*299.80*	
		For 1-3/4" Mesh Fabric, Add	*186.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.15*	
		For Gate With Single Barb Wire Arm, Add	*117.78*	
		For Gate With Double Barb Wire Arm, Add	*171.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0423	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,492.17	110.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-217.49*	
		For 1" Mesh Fabric, Add	*504.58*	
		For 1-1/4" Mesh Fabric, Add	*324.79*	
		For 1-3/4" Mesh Fabric, Add	*201.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.92*	
		For Gate With Single Barb Wire Arm, Add	*127.60*	
		For Gate With Double Barb Wire Arm, Add	*185.59*	
32 31 13 13-0424	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,614.62	121.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.22*	
		For 1" Mesh Fabric, Add	*543.40*	
		For 1-1/4" Mesh Fabric, Add	*349.77*	
		For 1-3/4" Mesh Fabric, Add	*217.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.68*	
		For Gate With Single Barb Wire Arm, Add	*137.41*	
		For Gate With Double Barb Wire Arm, Add	*199.87*	
32 31 13 13-0425	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,744.46	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-250.95*	
		For 1" Mesh Fabric, Add	*582.21*	
		For 1-1/4" Mesh Fabric, Add	*374.76*	
		For 1-3/4" Mesh Fabric, Add	*232.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.44*	
		For Gate With Single Barb Wire Arm, Add	*147.23*	
		For Gate With Double Barb Wire Arm, Add	*214.15*	
32 31 13 13-0426		5' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0427	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	214.91	25.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-25.91*	
		For 1" Mesh Fabric, Add	*60.12*	
		For 1-1/4" Mesh Fabric, Add	*38.70*	
		For 1-3/4" Mesh Fabric, Add	*24.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.02*	
		For Gate With Single Barb Wire Arm, Add	*15.20*	
		For Gate With Double Barb Wire Arm, Add	*22.11*	
32 31 13 13-0428	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	260.98	25.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.55*	
		For 1" Mesh Fabric, Add	*80.16*	
		For 1-1/4" Mesh Fabric, Add	*51.60*	
		For 1-3/4" Mesh Fabric, Add	*32.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.03*	
		For Gate With Single Barb Wire Arm, Add	*20.27*	
		For Gate With Double Barb Wire Arm, Add	*29.48*	
32 31 13 13-0429	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	300.33	27.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.03*	
		For 1" Mesh Fabric, Add	*95.20*	
		For 1-1/4" Mesh Fabric, Add	*61.28*	
		For 1-3/4" Mesh Fabric, Add	*38.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.04*	
		For Gate With Single Barb Wire Arm, Add	*24.07*	
		For Gate With Double Barb Wire Arm, Add	*35.01*	
32 31 13 13-0430	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	351.17	32.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.51*	
		For 1" Mesh Fabric, Add	*110.22*	
		For 1-1/4" Mesh Fabric, Add	*70.95*	
		For 1-3/4" Mesh Fabric, Add	*44.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.04*	
		For Gate With Single Barb Wire Arm, Add	*27.87*	
		For Gate With Double Barb Wire Arm, Add	*40.54*	
32 31 13 13-0431	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	402.03	37.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.99*	
		For 1" Mesh Fabric, Add	*125.25*	
		For 1-1/4" Mesh Fabric, Add	*80.62*	
		For 1-3/4" Mesh Fabric, Add	*50.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.05*	
		For Gate With Single Barb Wire Arm, Add	*31.67*	
		For Gate With Double Barb Wire Arm, Add	*46.07*	
32 31 13 13-0432	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	453.83	43.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.47*	
		For 1" Mesh Fabric, Add	*140.28*	
		For 1-1/4" Mesh Fabric, Add	*90.29*	
		For 1-3/4" Mesh Fabric, Add	*56.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.06*	
		For Gate With Single Barb Wire Arm, Add	*35.47*	
		For Gate With Double Barb Wire Arm, Add	*51.60*	
32 31 13 13-0433	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	504.69	49.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.95*	
		For 1" Mesh Fabric, Add	*155.31*	
		For 1-1/4" Mesh Fabric, Add	*99.97*	
		For 1-3/4" Mesh Fabric, Add	*62.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.06*	
		For Gate With Single Barb Wire Arm, Add	*39.27*	
		For Gate With Double Barb Wire Arm, Add	*57.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0434	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	555.53	54.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.42*	
		For 1" Mesh Fabric, Add	*170.34*	
		For 1-1/4" Mesh Fabric, Add	*109.65*	
		For 1-3/4" Mesh Fabric, Add	*68.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.07*	
		For Gate With Single Barb Wire Arm, Add	*43.07*	
		For Gate With Double Barb Wire Arm, Add	*62.65*	
32 31 13 13-0435	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	717.19	54.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.66*	
		For 1" Mesh Fabric, Add	*240.48*	
		For 1-1/4" Mesh Fabric, Add	*154.79*	
		For 1-3/4" Mesh Fabric, Add	*96.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.10*	
		For Gate With Single Barb Wire Arm, Add	*60.81*	
		For Gate With Double Barb Wire Arm, Add	*88.45*	
32 31 13 13-0436	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	840.39	58.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.39*	
		For 1" Mesh Fabric, Add	*288.57*	
		For 1-1/4" Mesh Fabric, Add	*185.75*	
		For 1-3/4" Mesh Fabric, Add	*115.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.71*	
		For Gate With Single Barb Wire Arm, Add	*72.97*	
		For Gate With Double Barb Wire Arm, Add	*106.14*	
32 31 13 13-0437	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	965.71	63.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.12*	
		For 1" Mesh Fabric, Add	*336.67*	
		For 1-1/4" Mesh Fabric, Add	*216.71*	
		For 1-3/4" Mesh Fabric, Add	*134.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.33*	
		For Gate With Single Barb Wire Arm, Add	*85.14*	
		For Gate With Double Barb Wire Arm, Add	*123.83*	
32 31 13 13-0438	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,128.14	81.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.85*	
		For 1" Mesh Fabric, Add	*384.77*	
		For 1-1/4" Mesh Fabric, Add	*247.67*	
		For 1-3/4" Mesh Fabric, Add	*153.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.95*	
		For Gate With Single Barb Wire Arm, Add	*97.30*	
		For Gate With Double Barb Wire Arm, Add	*141.52*	
32 31 13 13-0439	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,256.12	86.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-186.58*	
		For 1" Mesh Fabric, Add	*432.86*	
		For 1-1/4" Mesh Fabric, Add	*278.63*	
		For 1-3/4" Mesh Fabric, Add	*173.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-86.57*	
		For Gate With Single Barb Wire Arm, Add	*109.46*	
		For Gate With Double Barb Wire Arm, Add	*159.21*	
32 31 13 13-0440	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,386.75	93.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-207.31*	
		For 1" Mesh Fabric, Add	*480.96*	
		For 1-1/4" Mesh Fabric, Add	*309.58*	
		For 1-3/4" Mesh Fabric, Add	*192.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.19*	
		For Gate With Single Barb Wire Arm, Add	*121.62*	
		For Gate With Double Barb Wire Arm, Add	*176.90*	
32 31 13 13-0441	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,520.75	101.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.04*	
		For 1" Mesh Fabric, Add	*529.06*	
		For 1-1/4" Mesh Fabric, Add	*340.54*	
		For 1-3/4" Mesh Fabric, Add	*211.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.81*	
		For Gate With Single Barb Wire Arm, Add	*133.78*	
		For Gate With Double Barb Wire Arm, Add	*194.60*	
32 31 13 13-0442	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,658.99	110.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.77*	
		For 1" Mesh Fabric, Add	*577.15*	
		For 1-1/4" Mesh Fabric, Add	*371.50*	
		For 1-3/4" Mesh Fabric, Add	*230.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.43*	
		For Gate With Single Barb Wire Arm, Add	*145.95*	
		For Gate With Double Barb Wire Arm, Add	*212.28*	
32 31 13 13-0443	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,802.78	121.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.50*	
		For 1" Mesh Fabric, Add	*625.25*	
		For 1-1/4" Mesh Fabric, Add	*402.46*	
		For 1-3/4" Mesh Fabric, Add	*250.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.05*	
		For Gate With Single Barb Wire Arm, Add	*158.11*	
		For Gate With Double Barb Wire Arm, Add	*229.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0444	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,953.95	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-290.23*	
		For 1" Mesh Fabric, Add	*673.34*	
		For 1-1/4" Mesh Fabric, Add	*433.41*	
		For 1-3/4" Mesh Fabric, Add	*269.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-134.67*	
		For Gate With Single Barb Wire Arm, Add	*170.27*	
		For Gate With Double Barb Wire Arm, Add	*247.67*	
32 31 13 13-0445	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,115.27	152.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.97*	
		For 1" Mesh Fabric, Add	*721.44*	
		For 1-1/4" Mesh Fabric, Add	*464.37*	
		For 1-3/4" Mesh Fabric, Add	*288.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-144.29*	
		For Gate With Single Barb Wire Arm, Add	*182.43*	
		For Gate With Double Barb Wire Arm, Add	*265.36*	
32 31 13 13-0446		**6' Fence Height** *(32 31 13 13-0405)*		
32 31 13 13-0447	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	229.88	27.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.69*	
		For 1" Mesh Fabric, Add	*64.25*	
		For 1-1/4" Mesh Fabric, Add	*41.36*	
		For 1-3/4" Mesh Fabric, Add	*25.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.85*	
		For Gate With Single Barb Wire Arm, Add	*16.25*	
		For Gate With Double Barb Wire Arm, Add	*23.63*	
32 31 13 13-0448	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	279.12	27.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.93*	
		For 1" Mesh Fabric, Add	*85.67*	
		For 1-1/4" Mesh Fabric, Add	*55.14*	
		For 1-3/4" Mesh Fabric, Add	*34.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.13*	
		For Gate With Single Barb Wire Arm, Add	*21.66*	
		For Gate With Double Barb Wire Arm, Add	*31.51*	
32 31 13 13-0449	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	321.11	29.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.85*	
		For 1" Mesh Fabric, Add	*101.73*	
		For 1-1/4" Mesh Fabric, Add	*65.48*	
		For 1-3/4" Mesh Fabric, Add	*40.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.35*	
		For Gate With Single Barb Wire Arm, Add	*25.73*	
		For Gate With Double Barb Wire Arm, Add	*37.42*	
32 31 13 13-0450	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	376.25	35.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.77*	
		For 1" Mesh Fabric, Add	*117.79*	
		For 1-1/4" Mesh Fabric, Add	*75.82*	
		For 1-3/4" Mesh Fabric, Add	*47.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.56*	
		For Gate With Single Barb Wire Arm, Add	*29.79*	
		For Gate With Double Barb Wire Arm, Add	*43.33*	
32 31 13 13-0451	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	431.40	41.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.70*	
		For 1" Mesh Fabric, Add	*133.86*	
		For 1-1/4" Mesh Fabric, Add	*86.16*	
		For 1-3/4" Mesh Fabric, Add	*53.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.77*	
		For Gate With Single Barb Wire Arm, Add	*33.85*	
		For Gate With Double Barb Wire Arm, Add	*49.24*	
32 31 13 13-0452	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	485.58	46.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.62*	
		For 1" Mesh Fabric, Add	*149.92*	
		For 1-1/4" Mesh Fabric, Add	*96.50*	
		For 1-3/4" Mesh Fabric, Add	*59.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.98*	
		For Gate With Single Barb Wire Arm, Add	*37.91*	
		For Gate With Double Barb Wire Arm, Add	*55.14*	
32 31 13 13-0453	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	540.72	53.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.54*	
		For 1" Mesh Fabric, Add	*165.98*	
		For 1-1/4" Mesh Fabric, Add	*106.84*	
		For 1-3/4" Mesh Fabric, Add	*66.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.20*	
		For Gate With Single Barb Wire Arm, Add	*41.97*	
		For Gate With Double Barb Wire Arm, Add	*61.05*	
32 31 13 13-0454	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	595.87	59.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.47*	
		For 1" Mesh Fabric, Add	*182.05*	
		For 1-1/4" Mesh Fabric, Add	*117.18*	
		For 1-3/4" Mesh Fabric, Add	*72.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.41*	
		For Gate With Single Barb Wire Arm, Add	*46.04*	
		For Gate With Double Barb Wire Arm, Add	*66.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0455	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	767.81	58.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-110.78*	
		For 1" Mesh Fabric, Add	*257.00*	
		For 1-1/4" Mesh Fabric, Add	*165.43*	
		For 1-3/4" Mesh Fabric, Add	*102.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.40*	
		For Gate With Single Barb Wire Arm, Add	*64.99*	
		For Gate With Double Barb Wire Arm, Add	*94.53*	
32 31 13 13-0456	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	900.73	68.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.93*	
		For 1" Mesh Fabric, Add	*308.41*	
		For 1-1/4" Mesh Fabric, Add	*198.51*	
		For 1-3/4" Mesh Fabric, Add	*123.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.68*	
		For Gate With Single Barb Wire Arm, Add	*77.99*	
		For Gate With Double Barb Wire Arm, Add	*113.44*	
32 31 13 13-0457	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,088.17	86.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.09*	
		For 1" Mesh Fabric, Add	*359.81*	
		For 1-1/4" Mesh Fabric, Add	*231.60*	
		For 1-3/4" Mesh Fabric, Add	*143.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.96*	
		For Gate With Single Barb Wire Arm, Add	*90.99*	
		For Gate With Double Barb Wire Arm, Add	*132.34*	
32 31 13 13-0458	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,226.40	93.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.24*	
		For 1" Mesh Fabric, Add	*411.21*	
		For 1-1/4" Mesh Fabric, Add	*264.68*	
		For 1-3/4" Mesh Fabric, Add	*164.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.24*	
		For Gate With Single Barb Wire Arm, Add	*103.98*	
		For Gate With Double Barb Wire Arm, Add	*151.25*	
32 31 13 13-0459	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,368.00	101.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-199.40*	
		For 1" Mesh Fabric, Add	*462.61*	
		For 1-1/4" Mesh Fabric, Add	*297.77*	
		For 1-3/4" Mesh Fabric, Add	*185.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.52*	
		For Gate With Single Barb Wire Arm, Add	*116.98*	
		For Gate With Double Barb Wire Arm, Add	*170.16*	
32 31 13 13-0460	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,535.68	110.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.65*	
		For 1" Mesh Fabric, Add	*523.51*	
		For 1-1/4" Mesh Fabric, Add	*336.97*	
		For 1-3/4" Mesh Fabric, Add	*209.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.70*	
		For Gate With Single Barb Wire Arm, Add	*132.38*	
		For Gate With Double Barb Wire Arm, Add	*192.56*	
32 31 13 13-0461	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,669.18	121.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-244.45*	
		For 1" Mesh Fabric, Add	*567.13*	
		For 1-1/4" Mesh Fabric, Add	*365.05*	
		For 1-3/4" Mesh Fabric, Add	*226.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-113.43*	
		For Gate With Single Barb Wire Arm, Add	*143.41*	
		For Gate With Double Barb Wire Arm, Add	*208.60*	
32 31 13 13-0462	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,823.99	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-265.87*	
		For 1" Mesh Fabric, Add	*616.81*	
		For 1-1/4" Mesh Fabric, Add	*397.03*	
		For 1-3/4" Mesh Fabric, Add	*246.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.36*	
		For Gate With Single Barb Wire Arm, Add	*155.97*	
		For Gate With Double Barb Wire Arm, Add	*226.87*	
32 31 13 13-0463	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,992.91	152.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-288.02*	
		For 1" Mesh Fabric, Add	*668.21*	
		For 1-1/4" Mesh Fabric, Add	*430.11*	
		For 1-3/4" Mesh Fabric, Add	*267.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.64*	
		For Gate With Single Barb Wire Arm, Add	*168.97*	
		For Gate With Double Barb Wire Arm, Add	*245.78*	
32 31 13 13-0464	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,176.33	173.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.18*	
		For 1" Mesh Fabric, Add	*719.61*	
		For 1-1/4" Mesh Fabric, Add	*463.20*	
		For 1-3/4" Mesh Fabric, Add	*287.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-143.92*	
		For Gate With Single Barb Wire Arm, Add	*181.97*	
		For Gate With Double Barb Wire Arm, Add	*264.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0465	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,381.50	202.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-332.33*	
		For 1" Mesh Fabric, Add	*771.01*	
		For 1-1/4" Mesh Fabric, Add	*496.28*	
		For 1-3/4" Mesh Fabric, Add	*308.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-154.20*	
		For Gate With Single Barb Wire Arm, Add	*194.97*	
		For Gate With Double Barb Wire Arm, Add	*283.59*	
32 31 13 13-0466		7' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0467	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	243.68	29.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-29.09*	
		For 1" Mesh Fabric, Add	*67.48*	
		For 1-1/4" Mesh Fabric, Add	*43.44*	
		For 1-3/4" Mesh Fabric, Add	*26.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.50*	
		For Gate With Single Barb Wire Arm, Add	*17.06*	
		For Gate With Double Barb Wire Arm, Add	*24.82*	
32 31 13 13-0468	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	295.36	29.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.79*	
		For 1" Mesh Fabric, Add	*89.98*	
		For 1-1/4" Mesh Fabric, Add	*57.92*	
		For 1-3/4" Mesh Fabric, Add	*35.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.00*	
		For Gate With Single Barb Wire Arm, Add	*22.75*	
		For Gate With Double Barb Wire Arm, Add	*33.10*	
32 31 13 13-0469	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	338.65	30.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.06*	
		For 1" Mesh Fabric, Add	*106.86*	
		For 1-1/4" Mesh Fabric, Add	*68.78*	
		For 1-3/4" Mesh Fabric, Add	*42.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.37*	
		For Gate With Single Barb Wire Arm, Add	*27.02*	
		For Gate With Double Barb Wire Arm, Add	*39.30*	
32 31 13 13-0470	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	397.56	37.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.33*	
		For 1" Mesh Fabric, Add	*123.73*	
		For 1-1/4" Mesh Fabric, Add	*79.64*	
		For 1-3/4" Mesh Fabric, Add	*49.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.75*	
		For Gate With Single Barb Wire Arm, Add	*31.29*	
		For Gate With Double Barb Wire Arm, Add	*45.51*	
32 31 13 13-0471	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	455.53	44.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.60*	
		For 1" Mesh Fabric, Add	*140.60*	
		For 1-1/4" Mesh Fabric, Add	*90.50*	
		For 1-3/4" Mesh Fabric, Add	*56.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.12*	
		For Gate With Single Barb Wire Arm, Add	*35.55*	
		For Gate With Double Barb Wire Arm, Add	*51.72*	
32 31 13 13-0472	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	514.45	50.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.88*	
		For 1" Mesh Fabric, Add	*157.47*	
		For 1-1/4" Mesh Fabric, Add	*101.36*	
		For 1-3/4" Mesh Fabric, Add	*62.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.49*	
		For Gate With Single Barb Wire Arm, Add	*39.82*	
		For Gate With Double Barb Wire Arm, Add	*57.92*	
32 31 13 13-0473	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	572.41	57.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.15*	
		For 1" Mesh Fabric, Add	*174.34*	
		For 1-1/4" Mesh Fabric, Add	*112.22*	
		For 1-3/4" Mesh Fabric, Add	*69.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.87*	
		For Gate With Single Barb Wire Arm, Add	*44.09*	
		For Gate With Double Barb Wire Arm, Add	*64.13*	
32 31 13 13-0474	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	631.34	63.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.42*	
		For 1" Mesh Fabric, Add	*191.22*	
		For 1-1/4" Mesh Fabric, Add	*123.09*	
		For 1-3/4" Mesh Fabric, Add	*76.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.24*	
		For Gate With Single Barb Wire Arm, Add	*48.35*	
		For Gate With Double Barb Wire Arm, Add	*70.33*	
32 31 13 13-0475	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	812.33	63.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.36*	
		For 1" Mesh Fabric, Add	*269.95*	
		For 1-1/4" Mesh Fabric, Add	*173.76*	
		For 1-3/4" Mesh Fabric, Add	*107.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.99*	
		For Gate With Single Barb Wire Arm, Add	*68.26*	
		For Gate With Double Barb Wire Arm, Add	*99.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0476	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,005.71	86.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.63*	
		For 1" Mesh Fabric, Add	*323.94*	
		For 1-1/4" Mesh Fabric, Add	*208.51*	
		For 1-3/4" Mesh Fabric, Add	*129.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.79*	
		For Gate With Single Barb Wire Arm, Add	*81.91*	
		For Gate With Double Barb Wire Arm, Add	*119.15*	
32 31 13 13-0477	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,149.91	93.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-162.90*	
		For 1" Mesh Fabric, Add	*377.93*	
		For 1-1/4" Mesh Fabric, Add	*243.27*	
		For 1-3/4" Mesh Fabric, Add	*151.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.59*	
		For Gate With Single Barb Wire Arm, Add	*95.57*	
		For Gate With Double Barb Wire Arm, Add	*139.01*	
32 31 13 13-0478	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,297.43	101.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-186.17*	
		For 1" Mesh Fabric, Add	*431.91*	
		For 1-1/4" Mesh Fabric, Add	*278.01*	
		For 1-3/4" Mesh Fabric, Add	*172.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-86.38*	
		For Gate With Single Barb Wire Arm, Add	*109.22*	
		For Gate With Double Barb Wire Arm, Add	*158.86*	
32 31 13 13-0479	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,449.24	110.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-209.44*	
		For 1" Mesh Fabric, Add	*485.91*	
		For 1-1/4" Mesh Fabric, Add	*312.77*	
		For 1-3/4" Mesh Fabric, Add	*194.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-97.18*	
		For Gate With Single Barb Wire Arm, Add	*122.87*	
		For Gate With Double Barb Wire Arm, Add	*178.72*	
32 31 13 13-0480	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,606.56	121.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.71*	
		For 1" Mesh Fabric, Add	*539.89*	
		For 1-1/4" Mesh Fabric, Add	*347.52*	
		For 1-3/4" Mesh Fabric, Add	*215.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.98*	
		For Gate With Single Barb Wire Arm, Add	*136.52*	
		For Gate With Double Barb Wire Arm, Add	*198.58*	
32 31 13 13-0481	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,771.26	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-255.98*	
		For 1" Mesh Fabric, Add	*593.87*	
		For 1-1/4" Mesh Fabric, Add	*382.26*	
		For 1-3/4" Mesh Fabric, Add	*237.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-118.77*	
		For Gate With Single Barb Wire Arm, Add	*150.17*	
		For Gate With Double Barb Wire Arm, Add	*218.44*	
32 31 13 13-0482	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,946.14	152.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.25*	
		For 1" Mesh Fabric, Add	*647.87*	
		For 1-1/4" Mesh Fabric, Add	*417.02*	
		For 1-3/4" Mesh Fabric, Add	*259.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.57*	
		For Gate With Single Barb Wire Arm, Add	*163.83*	
		For Gate With Double Barb Wire Arm, Add	*238.30*	
32 31 13 13-0483	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,135.53	173.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-302.53*	
		For 1" Mesh Fabric, Add	*701.86*	
		For 1-1/4" Mesh Fabric, Add	*451.77*	
		For 1-3/4" Mesh Fabric, Add	*280.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-140.37*	
		For Gate With Single Barb Wire Arm, Add	*177.48*	
		For Gate With Double Barb Wire Arm, Add	*258.16*	
32 31 13 13-0484	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,346.64	202.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-325.80*	
		For 1" Mesh Fabric, Add	*755.85*	
		For 1-1/4" Mesh Fabric, Add	*486.52*	
		For 1-3/4" Mesh Fabric, Add	*302.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.17*	
		For Gate With Single Barb Wire Arm, Add	*191.13*	
		For Gate With Double Barb Wire Arm, Add	*278.01*	
32 31 13 13-0485	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,592.58	243.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-349.07*	
		For 1" Mesh Fabric, Add	*809.84*	
		For 1-1/4" Mesh Fabric, Add	*521.28*	
		For 1-3/4" Mesh Fabric, Add	*323.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-161.97*	
		For Gate With Single Barb Wire Arm, Add	*204.79*	
		For Gate With Double Barb Wire Arm, Add	*297.87*	

32 31 13 13-0486 8' Fence Height *(32 31 13 13-0405)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0487	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	283.92	31.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.26*	
		For 1" Mesh Fabric, Add	*81.80*	
		For 1-1/4" Mesh Fabric, Add	*52.65*	
		For 1-3/4" Mesh Fabric, Add	*32.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.36*	
		For Gate With Single Barb Wire Arm, Add	*20.68*	
		For Gate With Double Barb Wire Arm, Add	*30.09*	
32 31 13 13-0488	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	346.60	31.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.01*	
		For 1" Mesh Fabric, Add	*109.06*	
		For 1-1/4" Mesh Fabric, Add	*70.20*	
		For 1-3/4" Mesh Fabric, Add	*43.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.81*	
		For Gate With Single Barb Wire Arm, Add	*27.58*	
		For Gate With Double Barb Wire Arm, Add	*40.12*	
32 31 13 13-0489	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	388.39	31.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.85*	
		For 1" Mesh Fabric, Add	*127.24*	
		For 1-1/4" Mesh Fabric, Add	*81.90*	
		For 1-3/4" Mesh Fabric, Add	*50.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.45*	
		For Gate With Single Barb Wire Arm, Add	*32.18*	
		For Gate With Double Barb Wire Arm, Add	*46.80*	
32 31 13 13-0490	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	455.10	40.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.68*	
		For 1" Mesh Fabric, Add	*145.42*	
		For 1-1/4" Mesh Fabric, Add	*93.60*	
		For 1-3/4" Mesh Fabric, Add	*58.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.08*	
		For Gate With Single Barb Wire Arm, Add	*36.77*	
		For Gate With Double Barb Wire Arm, Add	*53.49*	
32 31 13 13-0491	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	521.81	48.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.52*	
		For 1" Mesh Fabric, Add	*163.59*	
		For 1-1/4" Mesh Fabric, Add	*105.30*	
		For 1-3/4" Mesh Fabric, Add	*65.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.72*	
		For Gate With Single Barb Wire Arm, Add	*41.37*	
		For Gate With Double Barb Wire Arm, Add	*60.17*	
32 31 13 13-0492	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	587.57	56.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.35*	
		For 1" Mesh Fabric, Add	*181.77*	
		For 1-1/4" Mesh Fabric, Add	*117.00*	
		For 1-3/4" Mesh Fabric, Add	*72.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.35*	
		For Gate With Single Barb Wire Arm, Add	*45.97*	
		For Gate With Double Barb Wire Arm, Add	*66.86*	
32 31 13 13-0493	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	654.29	64.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.19*	
		For 1" Mesh Fabric, Add	*199.95*	
		For 1-1/4" Mesh Fabric, Add	*128.70*	
		For 1-3/4" Mesh Fabric, Add	*79.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.99*	
		For Gate With Single Barb Wire Arm, Add	*50.56*	
		For Gate With Double Barb Wire Arm, Add	*73.55*	
32 31 13 13-0494	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	720.99	73.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.02*	
		For 1" Mesh Fabric, Add	*218.13*	
		For 1-1/4" Mesh Fabric, Add	*140.40*	
		For 1-3/4" Mesh Fabric, Add	*87.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.63*	
		For Gate With Single Barb Wire Arm, Add	*55.16*	
		For Gate With Double Barb Wire Arm, Add	*80.23*	
32 31 13 13-0495	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,013.19	86.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.03*	
		For 1" Mesh Fabric, Add	*327.19*	
		For 1-1/4" Mesh Fabric, Add	*210.60*	
		For 1-3/4" Mesh Fabric, Add	*130.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.44*	
		For Gate With Single Barb Wire Arm, Add	*82.74*	
		For Gate With Double Barb Wire Arm, Add	*120.35*	
32 31 13 13-0496	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,183.69	93.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-169.24*	
		For 1" Mesh Fabric, Add	*392.63*	
		For 1-1/4" Mesh Fabric, Add	*252.73*	
		For 1-3/4" Mesh Fabric, Add	*157.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.53*	
		For Gate With Single Barb Wire Arm, Add	*99.28*	
		For Gate With Double Barb Wire Arm, Add	*144.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0497	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,357.55	101.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.44*	
		For 1" Mesh Fabric, Add	*458.06*	
		For 1-1/4" Mesh Fabric, Add	*294.85*	
		For 1-3/4" Mesh Fabric, Add	*183.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.61*	
		For Gate With Single Barb Wire Arm, Add	*115.83*	
		For Gate With Double Barb Wire Arm, Add	*168.48*	
32 31 13 13-0498	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,535.66	110.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.65*	
		For 1" Mesh Fabric, Add	*523.50*	
		For 1-1/4" Mesh Fabric, Add	*336.97*	
		For 1-3/4" Mesh Fabric, Add	*209.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.70*	
		For Gate With Single Barb Wire Arm, Add	*132.38*	
		For Gate With Double Barb Wire Arm, Add	*192.55*	
32 31 13 13-0499	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,719.31	121.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.85*	
		For 1" Mesh Fabric, Add	*588.94*	
		For 1-1/4" Mesh Fabric, Add	*379.09*	
		For 1-3/4" Mesh Fabric, Add	*235.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.79*	
		For Gate With Single Barb Wire Arm, Add	*148.93*	
		For Gate With Double Barb Wire Arm, Add	*216.62*	
32 31 13 13-0500	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,910.35	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-282.06*	
		For 1" Mesh Fabric, Add	*654.37*	
		For 1-1/4" Mesh Fabric, Add	*421.21*	
		For 1-3/4" Mesh Fabric, Add	*261.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-130.87*	
		For Gate With Single Barb Wire Arm, Add	*165.47*	
		For Gate With Double Barb Wire Arm, Add	*240.69*	
32 31 13 13-0501	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,111.53	152.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.26*	
		For 1" Mesh Fabric, Add	*719.81*	
		For 1-1/4" Mesh Fabric, Add	*463.33*	
		For 1-3/4" Mesh Fabric, Add	*287.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-143.96*	
		For Gate With Single Barb Wire Arm, Add	*182.02*	
		For Gate With Double Barb Wire Arm, Add	*264.76*	
32 31 13 13-0502	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,327.23	173.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-338.47*	
		For 1" Mesh Fabric, Add	*785.25*	
		For 1-1/4" Mesh Fabric, Add	*505.45*	
		For 1-3/4" Mesh Fabric, Add	*314.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-157.05*	
		For Gate With Single Barb Wire Arm, Add	*198.57*	
		For Gate With Double Barb Wire Arm, Add	*288.83*	
32 31 13 13-0503	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,564.67	202.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-366.68*	
		For 1" Mesh Fabric, Add	*850.69*	
		For 1-1/4" Mesh Fabric, Add	*547.57*	
		For 1-3/4" Mesh Fabric, Add	*340.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-170.14*	
		For Gate With Single Barb Wire Arm, Add	*215.12*	
		For Gate With Double Barb Wire Arm, Add	*312.90*	
32 31 13 13-0504	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,836.91	243.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-394.88*	
		For 1" Mesh Fabric, Add	*916.13*	
		For 1-1/4" Mesh Fabric, Add	*589.69*	
		For 1-3/4" Mesh Fabric, Add	*366.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-183.23*	
		For Gate With Single Barb Wire Arm, Add	*231.66*	
		For Gate With Double Barb Wire Arm, Add	*336.97*	
32 31 13 13-0505	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,170.05	304.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-423.09*	
		For 1" Mesh Fabric, Add	*981.56*	
		For 1-1/4" Mesh Fabric, Add	*631.81*	
		For 1-3/4" Mesh Fabric, Add	*392.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-196.31*	
		For Gate With Single Barb Wire Arm, Add	*248.21*	
		For Gate With Double Barb Wire Arm, Add	*361.04*	

32 31 13 13-0506 10' Fence Height *(32 31 13 13-0405)*

32 31 13 13-0507	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	324.65	35.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.90*	
		For 1" Mesh Fabric, Add	*94.89*	
		For 1-1/4" Mesh Fabric, Add	*61.08*	
		For 1-3/4" Mesh Fabric, Add	*37.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.98*	
		For Gate With Single Barb Wire Arm, Add	*23.99*	
		For Gate With Double Barb Wire Arm, Add	*34.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0508	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	397.36	35.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.53*	
		For 1" Mesh Fabric, Add	*126.52*	
		For 1-1/4" Mesh Fabric, Add	*81.44*	
		For 1-3/4" Mesh Fabric, Add	*50.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.30*	
		For Gate With Single Barb Wire Arm, Add	*31.99*	
		For Gate With Double Barb Wire Arm, Add	*46.53*	
32 31 13 13-0509	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	450.53	37.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.62*	
		For 1" Mesh Fabric, Add	*147.60*	
		For 1-1/4" Mesh Fabric, Add	*95.01*	
		For 1-3/4" Mesh Fabric, Add	*59.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.52*	
		For Gate With Single Barb Wire Arm, Add	*37.33*	
		For Gate With Double Barb Wire Arm, Add	*54.29*	
32 31 13 13-0510	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	525.85	46.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.71*	
		For 1" Mesh Fabric, Add	*168.69*	
		For 1-1/4" Mesh Fabric, Add	*108.58*	
		For 1-3/4" Mesh Fabric, Add	*67.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.74*	
		For Gate With Single Barb Wire Arm, Add	*42.66*	
		For Gate With Double Barb Wire Arm, Add	*62.05*	
32 31 13 13-0511	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	600.21	54.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.80*	
		For 1" Mesh Fabric, Add	*189.78*	
		For 1-1/4" Mesh Fabric, Add	*122.16*	
		For 1-3/4" Mesh Fabric, Add	*75.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.96*	
		For Gate With Single Barb Wire Arm, Add	*47.99*	
		For Gate With Double Barb Wire Arm, Add	*69.80*	
32 31 13 13-0512	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	675.54	63.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.89*	
		For 1" Mesh Fabric, Add	*210.87*	
		For 1-1/4" Mesh Fabric, Add	*135.73*	
		For 1-3/4" Mesh Fabric, Add	*84.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.17*	
		For Gate With Single Barb Wire Arm, Add	*53.32*	
		For Gate With Double Barb Wire Arm, Add	*77.56*	
32 31 13 13-0513	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	749.89	72.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.98*	
		For 1" Mesh Fabric, Add	*231.96*	
		For 1-1/4" Mesh Fabric, Add	*149.30*	
		For 1-3/4" Mesh Fabric, Add	*92.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.39*	
		For Gate With Single Barb Wire Arm, Add	*58.66*	
		For Gate With Double Barb Wire Arm, Add	*85.32*	
32 31 13 13-0514	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	825.23	81.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.07*	
		For 1" Mesh Fabric, Add	*253.04*	
		For 1-1/4" Mesh Fabric, Add	*162.88*	
		For 1-3/4" Mesh Fabric, Add	*101.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.61*	
		For Gate With Single Barb Wire Arm, Add	*63.99*	
		For Gate With Double Barb Wire Arm, Add	*93.07*	
32 31 13 13-0515	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,162.57	96.61
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.60*	
		For 1" Mesh Fabric, Add	*379.55*	
		For 1-1/4" Mesh Fabric, Add	*244.31*	
		For 1-3/4" Mesh Fabric, Add	*151.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.91*	
		For Gate With Single Barb Wire Arm, Add	*95.98*	
		For Gate With Double Barb Wire Arm, Add	*139.61*	
32 31 13 13-0516	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,359.28	103.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-196.32*	
		For 1" Mesh Fabric, Add	*455.47*	
		For 1-1/4" Mesh Fabric, Add	*293.17*	
		For 1-3/4" Mesh Fabric, Add	*182.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.09*	
		For Gate With Single Barb Wire Arm, Add	*115.18*	
		For Gate With Double Barb Wire Arm, Add	*167.53*	
32 31 13 13-0517	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,559.92	112.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-229.04*	
		For 1" Mesh Fabric, Add	*531.37*	
		For 1-1/4" Mesh Fabric, Add	*342.03*	
		For 1-3/4" Mesh Fabric, Add	*212.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.27*	
		For Gate With Single Barb Wire Arm, Add	*134.37*	
		For Gate With Double Barb Wire Arm, Add	*195.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0518	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,765.03	122.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-261.76*	
		For 1" Mesh Fabric, Add	*607.29*	
		For 1-1/4" Mesh Fabric, Add	*390.90*	
		For 1-3/4" Mesh Fabric, Add	*242.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-121.46*	
		For Gate With Single Barb Wire Arm, Add	*153.57*	
		For Gate With Double Barb Wire Arm, Add	*223.37*	
32 31 13 13-0519	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,976.61	135.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-294.48*	
		For 1" Mesh Fabric, Add	*683.20*	
		For 1-1/4" Mesh Fabric, Add	*439.76*	
		For 1-3/4" Mesh Fabric, Add	*273.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-136.64*	
		For Gate With Single Barb Wire Arm, Add	*172.76*	
		For Gate With Double Barb Wire Arm, Add	*251.29*	
32 31 13 13-0520	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,196.01	150.17
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-327.20*	
		For 1" Mesh Fabric, Add	*759.11*	
		For 1-1/4" Mesh Fabric, Add	*488.62*	
		For 1-3/4" Mesh Fabric, Add	*303.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.82*	
		For Gate With Single Barb Wire Arm, Add	*191.96*	
		For Gate With Double Barb Wire Arm, Add	*279.21*	
32 31 13 13-0521	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,427.13	169.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-359.92*	
		For 1" Mesh Fabric, Add	*835.02*	
		For 1-1/4" Mesh Fabric, Add	*537.48*	
		For 1-3/4" Mesh Fabric, Add	*334.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-167.00*	
		For Gate With Single Barb Wire Arm, Add	*211.15*	
		For Gate With Double Barb Wire Arm, Add	*307.13*	
32 31 13 13-0522	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,673.78	192.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-392.64*	
		For 1" Mesh Fabric, Add	*910.93*	
		For 1-1/4" Mesh Fabric, Add	*586.35*	
		For 1-3/4" Mesh Fabric, Add	*364.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-182.19*	
		For Gate With Single Barb Wire Arm, Add	*230.35*	
		For Gate With Double Barb Wire Arm, Add	*335.05*	
32 31 13 13-0523	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,945.33	225.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-425.36*	
		For 1" Mesh Fabric, Add	*986.84*	
		For 1-1/4" Mesh Fabric, Add	*635.21*	
		For 1-3/4" Mesh Fabric, Add	*394.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-197.37*	
		For Gate With Single Barb Wire Arm, Add	*249.55*	
		For Gate With Double Barb Wire Arm, Add	*362.98*	
32 31 13 13-0524	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,254.47	270.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-458.08*	
		For 1" Mesh Fabric, Add	*1,062.75*	
		For 1-1/4" Mesh Fabric, Add	*684.07*	
		For 1-3/4" Mesh Fabric, Add	*425.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-212.55*	
		For Gate With Single Barb Wire Arm, Add	*268.74*	
		For Gate With Double Barb Wire Arm, Add	*390.90*	
32 31 13 13-0525	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,632.72	338.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-490.80*	
		For 1" Mesh Fabric, Add	*1,138.66*	
		For 1-1/4" Mesh Fabric, Add	*732.93*	
		For 1-3/4" Mesh Fabric, Add	*455.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.73*	
		For Gate With Single Barb Wire Arm, Add	*287.94*	
		For Gate With Double Barb Wire Arm, Add	*418.82*	

32 31 13 13-0526 12' Fence Height *(32 31 13 13-0405)*

32 31 13 13-0527	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	422.57	39.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.04*	
		For 1" Mesh Fabric, Add	*132.33*	
		For 1-1/4" Mesh Fabric, Add	*85.18*	
		For 1-3/4" Mesh Fabric, Add	*52.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.47*	
		For Gate With Single Barb Wire Arm, Add	*33.46*	
		For Gate With Double Barb Wire Arm, Add	*48.67*	
32 31 13 13-0528	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	523.69	39.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.00*	
		For 1" Mesh Fabric, Add	*176.32*	
		For 1-1/4" Mesh Fabric, Add	*113.49*	
		For 1-3/4" Mesh Fabric, Add	*70.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.26*	
		For Gate With Single Barb Wire Arm, Add	*44.59*	
		For Gate With Double Barb Wire Arm, Add	*64.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0529	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	603.26	40.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.10*	
		For 1" Mesh Fabric, Add	*209.04*	
		For 1-1/4" Mesh Fabric, Add	*134.55*	
		For 1-3/4" Mesh Fabric, Add	*83.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.81*	
		For Gate With Single Barb Wire Arm, Add	*52.86*	
		For Gate With Double Barb Wire Arm, Add	*76.89*	
32 31 13 13-0530	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	695.67	50.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.86*	
		For 1" Mesh Fabric, Add	*236.31*	
		For 1-1/4" Mesh Fabric, Add	*152.10*	
		For 1-3/4" Mesh Fabric, Add	*94.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.26*	
		For Gate With Single Barb Wire Arm, Add	*59.76*	
		For Gate With Double Barb Wire Arm, Add	*86.92*	
32 31 13 13-0531	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	795.05	60.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.92*	
		For 1" Mesh Fabric, Add	*266.60*	
		For 1-1/4" Mesh Fabric, Add	*171.61*	
		For 1-3/4" Mesh Fabric, Add	*106.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.32*	
		For Gate With Single Barb Wire Arm, Add	*67.42*	
		For Gate With Double Barb Wire Arm, Add	*98.06*	
32 31 13 13-0532	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	893.45	70.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.97*	
		For 1" Mesh Fabric, Add	*296.90*	
		For 1-1/4" Mesh Fabric, Add	*191.11*	
		For 1-3/4" Mesh Fabric, Add	*118.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.38*	
		For Gate With Single Barb Wire Arm, Add	*75.08*	
		For Gate With Double Barb Wire Arm, Add	*109.20*	
32 31 13 13-0533	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	992.83	80.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.03*	
		For 1" Mesh Fabric, Add	*327.19*	
		For 1-1/4" Mesh Fabric, Add	*210.61*	
		For 1-3/4" Mesh Fabric, Add	*130.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.44*	
		For Gate With Single Barb Wire Arm, Add	*82.74*	
		For Gate With Double Barb Wire Arm, Add	*120.35*	
32 31 13 13-0534	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,085.22	90.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-152.78*	
		For 1" Mesh Fabric, Add	*354.46*	
		For 1-1/4" Mesh Fabric, Add	*228.16*	
		For 1-3/4" Mesh Fabric, Add	*141.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.89*	
		For Gate With Single Barb Wire Arm, Add	*89.63*	
		For Gate With Double Barb Wire Arm, Add	*130.38*	
32 31 13 13-0535	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,543.99	107.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-229.10*	
		For 1" Mesh Fabric, Add	*531.50*	
		For 1-1/4" Mesh Fabric, Add	*342.12*	
		For 1-3/4" Mesh Fabric, Add	*212.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.30*	
		For Gate With Single Barb Wire Arm, Add	*134.40*	
		For Gate With Double Barb Wire Arm, Add	*195.50*	
32 31 13 13-0536	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,852.85	115.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-282.38*	
		For 1" Mesh Fabric, Add	*655.11*	
		For 1-1/4" Mesh Fabric, Add	*421.68*	
		For 1-3/4" Mesh Fabric, Add	*262.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-131.02*	
		For Gate With Single Barb Wire Arm, Add	*165.66*	
		For Gate With Double Barb Wire Arm, Add	*240.96*	
32 31 13 13-0537	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,134.36	125.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.70*	
		For 1" Mesh Fabric, Add	*764.90*	
		For 1-1/4" Mesh Fabric, Add	*492.35*	
		For 1-3/4" Mesh Fabric, Add	*305.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.98*	
		For Gate With Single Barb Wire Arm, Add	*193.42*	
		For Gate With Double Barb Wire Arm, Add	*281.34*	
32 31 13 13-0538	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,419.17	136.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-376.71*	
		For 1" Mesh Fabric, Add	*873.97*	
		For 1-1/4" Mesh Fabric, Add	*562.55*	
		For 1-3/4" Mesh Fabric, Add	*349.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-174.79*	
		For Gate With Single Barb Wire Arm, Add	*221.00*	
		For Gate With Double Barb Wire Arm, Add	*321.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0539	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,707.66	150.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-423.09*	
		For 1" Mesh Fabric, Add	*981.58*	
		For 1-1/4" Mesh Fabric, Add	*631.82*	
		For 1-3/4" Mesh Fabric, Add	*392.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-196.32*	
		For Gate With Single Barb Wire Arm, Add	*248.22*	
		For Gate With Double Barb Wire Arm, Add	*361.04*	
32 31 13 13-0540	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,008.09	166.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-470.10*	
		For 1" Mesh Fabric, Add	*1,090.64*	
		For 1-1/4" Mesh Fabric, Add	*702.02*	
		For 1-3/4" Mesh Fabric, Add	*436.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-218.13*	
		For Gate With Single Barb Wire Arm, Add	*275.79*	
		For Gate With Double Barb Wire Arm, Add	*401.16*	
32 31 13 13-0541	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,321.88	187.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-517.11*	
		For 1" Mesh Fabric, Add	*1,199.70*	
		For 1-1/4" Mesh Fabric, Add	*772.22*	
		For 1-3/4" Mesh Fabric, Add	*479.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-239.94*	
		For Gate With Single Barb Wire Arm, Add	*303.37*	
		For Gate With Double Barb Wire Arm, Add	*441.27*	
32 31 13 13-0542	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,652.76	214.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-564.12*	
		For 1" Mesh Fabric, Add	*1,308.77*	
		For 1-1/4" Mesh Fabric, Add	*842.42*	
		For 1-3/4" Mesh Fabric, Add	*523.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.75*	
		For Gate With Single Barb Wire Arm, Add	*330.95*	
		For Gate With Double Barb Wire Arm, Add	*481.39*	
32 31 13 13-0543	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,019.67	250.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-612.70*	
		For 1" Mesh Fabric, Add	*1,421.47*	
		For 1-1/4" Mesh Fabric, Add	*914.97*	
		For 1-3/4" Mesh Fabric, Add	*568.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-284.29*	
		For Gate With Single Barb Wire Arm, Add	*359.45*	
		For Gate With Double Barb Wire Arm, Add	*522.84*	
32 31 13 13-0544	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,419.98	300.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-659.71*	
		For 1" Mesh Fabric, Add	*1,530.53*	
		For 1-1/4" Mesh Fabric, Add	*985.17*	
		For 1-3/4" Mesh Fabric, Add	*612.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-306.11*	
		For Gate With Single Barb Wire Arm, Add	*387.03*	
		For Gate With Double Barb Wire Arm, Add	*562.96*	
32 31 13 13-0545	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,897.08	375.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-706.72*	
		For 1" Mesh Fabric, Add	*1,639.60*	
		For 1-1/4" Mesh Fabric, Add	*1,055.37*	
		For 1-3/4" Mesh Fabric, Add	*655.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-327.92*	
		For Gate With Single Barb Wire Arm, Add	*414.61*	
		For Gate With Double Barb Wire Arm, Add	*603.07*	

32 31 13 13-0546 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0263)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0630 for additonal gate accessories, 32 31 13 13-0711 for gate repacement parts.

32 31 13 13-0547 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

32 31 13 13-0548	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	2,535.07	370.69
		For 1" Mesh Fabric, Add	*780.23*	
		For 1-1/4" Mesh Fabric, Add	*502.22*	
		For 1-3/4" Mesh Fabric, Add	*312.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-156.05*	
		For Gate With Barb Wire Arm, Add	*197.30*	
		For Vinyl Coated, Add	*538.09*	
32 31 13 13-0549	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,047.34	447.54
		For 1" Mesh Fabric, Add	*936.28*	
		For 1-1/4" Mesh Fabric, Add	*602.66*	
		For 1-3/4" Mesh Fabric, Add	*374.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-187.26*	
		For Gate With Barb Wire Arm, Add	*236.76*	
		For Vinyl Coated, Add	*645.71*	
32 31 13 13-0550	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,555.44	522.12
		For 1" Mesh Fabric, Add	*1,092.33*	
		For 1-1/4" Mesh Fabric, Add	*703.11*	
		For 1-3/4" Mesh Fabric, Add	*436.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-218.47*	
		For Gate With Barb Wire Arm, Add	*276.22*	
		For Vinyl Coated, Add	*753.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0551	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,070.03	600.11
		For 1" Mesh Fabric, Add	*1,248.38*	
		For 1-1/4" Mesh Fabric, Add	*803.55*	
		For 1-3/4" Mesh Fabric, Add	*499.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-249.68*	
		For Gate With Barb Wire Arm, Add	*315.68*	
		For Vinyl Coated, Add	*860.95*	
32 31 13 13-0552	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,578.83	675.14
		For 1" Mesh Fabric, Add	*1,404.43*	
		For 1-1/4" Mesh Fabric, Add	*904.00*	
		For 1-3/4" Mesh Fabric, Add	*561.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.89*	
		For Gate With Barb Wire Arm, Add	*355.14*	
		For Vinyl Coated, Add	*968.57*	
32 31 13 13-0553	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,073.77	743.20
		For 1" Mesh Fabric, Add	*1,560.48*	
		For 1-1/4" Mesh Fabric, Add	*1,004.44*	
		For 1-3/4" Mesh Fabric, Add	*624.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-312.10*	
		For Gate With Barb Wire Arm, Add	*394.60*	
		For Vinyl Coated, Add	*1,076.19*	
32 31 13 13-0554	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,063.11	894.97
		For 1" Mesh Fabric, Add	*1,858.82*	
		For 1-1/4" Mesh Fabric, Add	*1,196.48*	
		For 1-3/4" Mesh Fabric, Add	*743.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-371.76*	
		For Gate With Barb Wire Arm, Add	*470.05*	
		For Vinyl Coated, Add	*1,281.95*	
32 31 13 13-0555	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	8,759.60	1,689.34
		For 1" Mesh Fabric, Add	*2,340.71*	
		For 1-1/4" Mesh Fabric, Add	*1,506.66*	
		For 1-3/4" Mesh Fabric, Add	*936.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-468.14*	
		For Gate With Barb Wire Arm, Add	*591.90*	
		For Vinyl Coated, Add	*1,614.28*	
32 31 13 13-0556	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	11,679.45	2,252.45
		For 1" Mesh Fabric, Add	*3,120.94*	
		For 1-1/4" Mesh Fabric, Add	*2,008.88*	
		For 1-3/4" Mesh Fabric, Add	*1,248.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-624.19*	
		For Gate With Barb Wire Arm, Add	*789.20*	
		For Vinyl Coated, Add	*2,152.37*	

32 31 13 13-0557 5' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

32 31 13 13-0558	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,653.28	403.46
		For 1" Mesh Fabric, Add	*803.17*	
		For 1-1/4" Mesh Fabric, Add	*516.98*	
		For 1-3/4" Mesh Fabric, Add	*321.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.63*	
		For Gate With Barb Wire Arm, Add	*203.10*	
		For Vinyl Coated, Add	*553.91*	
32 31 13 13-0559	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,182.79	483.63
		For 1" Mesh Fabric, Add	*963.80*	
		For 1-1/4" Mesh Fabric, Add	*620.38*	
		For 1-3/4" Mesh Fabric, Add	*385.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-192.76*	
		For Gate With Barb Wire Arm, Add	*243.72*	
		For Vinyl Coated, Add	*664.69*	
32 31 13 13-0560	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,713.08	564.14
		For 1" Mesh Fabric, Add	*1,124.44*	
		For 1-1/4" Mesh Fabric, Add	*723.77*	
		For 1-3/4" Mesh Fabric, Add	*449.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.89*	
		For Gate With Barb Wire Arm, Add	*284.34*	
		For Vinyl Coated, Add	*775.47*	
32 31 13 13-0561	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,243.83	644.88
		For 1" Mesh Fabric, Add	*1,285.07*	
		For 1-1/4" Mesh Fabric, Add	*827.17*	
		For 1-3/4" Mesh Fabric, Add	*514.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.01*	
		For Gate With Barb Wire Arm, Add	*324.96*	
		For Vinyl Coated, Add	*886.25*	
32 31 13 13-0562	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,774.04	725.28
		For 1" Mesh Fabric, Add	*1,445.70*	
		For 1-1/4" Mesh Fabric, Add	*930.56*	
		For 1-3/4" Mesh Fabric, Add	*578.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-289.14*	
		For Gate With Barb Wire Arm, Add	*365.58*	
		For Vinyl Coated, Add	*997.03*	
32 31 13 13-0563	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,304.56	805.90
		For 1" Mesh Fabric, Add	*1,606.33*	
		For 1-1/4" Mesh Fabric, Add	*1,033.96*	
		For 1-3/4" Mesh Fabric, Add	*642.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-321.27*	
		For Gate With Barb Wire Arm, Add	*406.20*	
		For Vinyl Coated, Add	*1,107.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0564	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,335.15	968.17
		For 1" Mesh Fabric, Add	*1,913.46*	
		For 1-1/4" Mesh Fabric, Add	*1,231.65*	
		For 1-3/4" Mesh Fabric, Add	*765.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-382.69*	
		For Gate With Barb Wire Arm, Add	*483.86*	
		For Vinyl Coated, Add	*1,319.63*	
32 31 13 13-0565	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,957.25	1,209.14
		For 1" Mesh Fabric, Add	*2,409.50*	
		For 1-1/4" Mesh Fabric, Add	*1,550.94*	
		For 1-3/4" Mesh Fabric, Add	*963.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-481.90*	
		For Gate With Barb Wire Arm, Add	*609.30*	
		For Vinyl Coated, Add	*1,661.72*	
32 31 13 13-0566	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	10,609.10	1,611.80
		For 1" Mesh Fabric, Add	*3,212.66*	
		For 1-1/4" Mesh Fabric, Add	*2,067.92*	
		For 1-3/4" Mesh Fabric, Add	*1,285.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-642.53*	
		For Gate With Barb Wire Arm, Add	*812.40*	
		For Vinyl Coated, Add	*2,215.63*	
32 31 13 13-0567		6' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0568	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	2,829.20	473.01
		For 1" Mesh Fabric, Add	*819.22*	
		For 1-1/4" Mesh Fabric, Add	*527.31*	
		For 1-3/4" Mesh Fabric, Add	*327.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-163.84*	
		For Gate With Barb Wire Arm, Add	*207.16*	
		For Vinyl Coated, Add	*564.98*	
32 31 13 13-0569	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,391.71	565.86
		For 1" Mesh Fabric, Add	*983.06*	
		For 1-1/4" Mesh Fabric, Add	*632.77*	
		For 1-3/4" Mesh Fabric, Add	*393.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-196.61*	
		For Gate With Barb Wire Arm, Add	*248.59*	
		For Vinyl Coated, Add	*677.97*	
32 31 13 13-0570	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,956.79	660.07
		For 1" Mesh Fabric, Add	*1,146.91*	
		For 1-1/4" Mesh Fabric, Add	*738.24*	
		For 1-3/4" Mesh Fabric, Add	*458.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-229.38*	
		For Gate With Barb Wire Arm, Add	*290.02*	
		For Vinyl Coated, Add	*790.97*	
32 31 13 13-0571	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,522.29	754.51
		For 1" Mesh Fabric, Add	*1,310.75*	
		For 1-1/4" Mesh Fabric, Add	*843.70*	
		For 1-3/4" Mesh Fabric, Add	*524.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.15*	
		For Gate With Barb Wire Arm, Add	*331.45*	
		For Vinyl Coated, Add	*903.97*	
32 31 13 13-0572	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,087.36	848.72
		For 1" Mesh Fabric, Add	*1,474.59*	
		For 1-1/4" Mesh Fabric, Add	*949.16*	
		For 1-3/4" Mesh Fabric, Add	*589.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-294.92*	
		For Gate With Barb Wire Arm, Add	*372.89*	
		For Vinyl Coated, Add	*1,016.96*	
32 31 13 13-0573	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,658.79	946.14
		For 1" Mesh Fabric, Add	*1,638.44*	
		For 1-1/4" Mesh Fabric, Add	*1,054.63*	
		For 1-3/4" Mesh Fabric, Add	*655.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-327.69*	
		For Gate With Barb Wire Arm, Add	*414.32*	
		For Vinyl Coated, Add	*1,129.96*	
32 31 13 13-0574	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,750.27	1,131.82
		For 1" Mesh Fabric, Add	*1,951.70*	
		For 1-1/4" Mesh Fabric, Add	*1,256.27*	
		For 1-3/4" Mesh Fabric, Add	*780.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-390.34*	
		For Gate With Barb Wire Arm, Add	*493.53*	
		For Vinyl Coated, Add	*1,346.00*	
32 31 13 13-0575	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,479.98	1,415.15
		For 1" Mesh Fabric, Add	*2,457.65*	
		For 1-1/4" Mesh Fabric, Add	*1,581.94*	
		For 1-3/4" Mesh Fabric, Add	*983.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-491.53*	
		For Gate With Barb Wire Arm, Add	*621.48*	
		For Vinyl Coated, Add	*1,694.93*	
32 31 13 13-0576	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	11,305.08	1,885.99
		For 1" Mesh Fabric, Add	*3,276.87*	
		For 1-1/4" Mesh Fabric, Add	*2,109.25*	
		For 1-3/4" Mesh Fabric, Add	*1,310.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-655.37*	
		For Gate With Barb Wire Arm, Add	*828.63*	
		For Vinyl Coated, Add	*2,259.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0577		7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0578	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,012.26	527.60
		For 1" Mesh Fabric, Add	*851.33*	
		For 1-1/4" Mesh Fabric, Add	*547.98*	
		For 1-3/4" Mesh Fabric, Add	*340.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-170.27*	
		For Gate With Barb Wire Arm, Add	*215.28*	
		For Vinyl Coated, Add	*587.12*	
32 31 13 13-0579	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,613.90	632.66
		For 1" Mesh Fabric, Add	*1,021.61*	
		For 1-1/4" Mesh Fabric, Add	*657.59*	
		For 1-3/4" Mesh Fabric, Add	*408.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-204.32*	
		For Gate With Barb Wire Arm, Add	*256.34*	
		For Vinyl Coated, Add	*704.56*	
32 31 13 13-0580	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,217.22	738.64
		For 1" Mesh Fabric, Add	*1,191.85*	
		For 1-1/4" Mesh Fabric, Add	*767.17*	
		For 1-3/4" Mesh Fabric, Add	*476.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.37*	
		For Gate With Barb Wire Arm, Add	*301.39*	
		For Vinyl Coated, Add	*821.96*	
32 31 13 13-0581	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,818.75	843.69
		For 1" Mesh Fabric, Add	*1,362.12*	
		For 1-1/4" Mesh Fabric, Add	*876.76*	
		For 1-3/4" Mesh Fabric, Add	*544.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-272.42*	
		For Gate With Barb Wire Arm, Add	*344.44*	
		For Vinyl Coated, Add	*939.39*	
32 31 13 13-0582	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,421.27	949.34
		For 1" Mesh Fabric, Add	*1,532.38*	
		For 1-1/4" Mesh Fabric, Add	*986.36*	
		For 1-3/4" Mesh Fabric, Add	*612.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-306.48*	
		For Gate With Barb Wire Arm, Add	*387.50*	
		For Vinyl Coated, Add	*1,056.81*	
32 31 13 13-0583	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,023.06	1,054.51
		For 1" Mesh Fabric, Add	*1,702.65*	
		For 1-1/4" Mesh Fabric, Add	*1,095.96*	
		For 1-3/4" Mesh Fabric, Add	*681.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-340.53*	
		For Gate With Barb Wire Arm, Add	*430.55*	
		For Vinyl Coated, Add	*1,174.24*	
32 31 13 13-0584	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,193.22	1,265.32
		For 1" Mesh Fabric, Add	*2,028.19*	
		For 1-1/4" Mesh Fabric, Add	*1,305.50*	
		For 1-3/4" Mesh Fabric, Add	*811.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-405.64*	
		For Gate With Barb Wire Arm, Add	*512.88*	
		For Vinyl Coated, Add	*1,398.75*	
32 31 13 13-0585	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	9,034.57	1,581.65
		For 1" Mesh Fabric, Add	*2,553.96*	
		For 1-1/4" Mesh Fabric, Add	*1,643.93*	
		For 1-3/4" Mesh Fabric, Add	*1,021.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-510.79*	
		For Gate With Barb Wire Arm, Add	*645.83*	
		For Vinyl Coated, Add	*1,761.35*	
32 31 13 13-0586	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	12,046.10	2,108.91
		For 1" Mesh Fabric, Add	*3,405.29*	
		For 1-1/4" Mesh Fabric, Add	*2,191.91*	
		For 1-3/4" Mesh Fabric, Add	*1,362.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-681.06*	
		For Gate With Barb Wire Arm, Add	*861.11*	
		For Vinyl Coated, Add	*2,348.48*	
32 31 13 13-0587		8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0588	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,158.19	571.56
		For 1" Mesh Fabric, Add	*876.55*	
		For 1-1/4" Mesh Fabric, Add	*564.22*	
		For 1-3/4" Mesh Fabric, Add	*350.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-175.31*	
		For Gate With Barb Wire Arm, Add	*221.66*	
		For Vinyl Coated, Add	*604.52*	
32 31 13 13-0589	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,786.54	684.27
		For 1" Mesh Fabric, Add	*1,051.86*	
		For 1-1/4" Mesh Fabric, Add	*677.06*	
		For 1-3/4" Mesh Fabric, Add	*420.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-210.37*	
		For Gate With Barb Wire Arm, Add	*265.99*	
		For Vinyl Coated, Add	*725.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0590	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,417.69	798.36
		For 1" Mesh Fabric, Add	*1,227.16*	
		For 1-1/4" Mesh Fabric, Add	*789.90*	
		For 1-3/4" Mesh Fabric, Add	*490.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-245.43*	
		For Gate With Barb Wire Arm, Add	*310.32*	
		For Vinyl Coated, Add	*846.32*	
32 31 13 13-0591	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,049.05	912.45
		For 1" Mesh Fabric, Add	*1,402.47*	
		For 1-1/4" Mesh Fabric, Add	*902.74*	
		For 1-3/4" Mesh Fabric, Add	*560.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.49*	
		For Gate With Barb Wire Arm, Add	*354.65*	
		For Vinyl Coated, Add	*967.22*	
32 31 13 13-0592	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,679.17	1,026.08
		For 1" Mesh Fabric, Add	*1,577.78*	
		For 1-1/4" Mesh Fabric, Add	*1,015.58*	
		For 1-3/4" Mesh Fabric, Add	*631.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-315.56*	
		For Gate With Barb Wire Arm, Add	*398.98*	
		For Vinyl Coated, Add	*1,088.12*	
32 31 13 13-0593	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,310.65	1,140.27
		For 1" Mesh Fabric, Add	*1,753.09*	
		For 1-1/4" Mesh Fabric, Add	*1,128.43*	
		For 1-3/4" Mesh Fabric, Add	*701.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-350.62*	
		For Gate With Barb Wire Arm, Add	*443.31*	
		For Vinyl Coated, Add	*1,209.03*	
32 31 13 13-0594	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,537.57	1,368.44
		For 1" Mesh Fabric, Add	*2,088.28*	
		For 1-1/4" Mesh Fabric, Add	*1,344.18*	
		For 1-3/4" Mesh Fabric, Add	*835.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-417.66*	
		For Gate With Barb Wire Arm, Add	*528.07*	
		For Vinyl Coated, Add	*1,440.19*	
32 31 13 13-0595	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	9,466.83	1,710.81
		For 1" Mesh Fabric, Add	*2,629.64*	
		For 1-1/4" Mesh Fabric, Add	*1,692.64*	
		For 1-3/4" Mesh Fabric, Add	*1,051.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-525.93*	
		For Gate With Barb Wire Arm, Add	*664.97*	
		For Vinyl Coated, Add	*1,813.55*	
32 31 13 13-0596	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	12,619.01	2,279.40
		For 1" Mesh Fabric, Add	*3,506.18*	
		For 1-1/4" Mesh Fabric, Add	*2,256.85*	
		For 1-3/4" Mesh Fabric, Add	*1,402.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-701.24*	
		For Gate With Barb Wire Arm, Add	*886.62*	
		For Vinyl Coated, Add	*2,418.06*	
32 31 13 13-0597		**9' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0546)*		
32 31 13 13-0598	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,330.62	623.52
		For 1" Mesh Fabric, Add	*906.35*	
		For 1-1/4" Mesh Fabric, Add	*583.40*	
		For 1-3/4" Mesh Fabric, Add	*362.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.27*	
		For Gate With Barb Wire Arm, Add	*229.19*	
		For Vinyl Coated, Add	*625.07*	
32 31 13 13-0599	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,992.11	745.94
		For 1" Mesh Fabric, Add	*1,087.63*	
		For 1-1/4" Mesh Fabric, Add	*700.08*	
		For 1-3/4" Mesh Fabric, Add	*435.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-217.53*	
		For Gate With Barb Wire Arm, Add	*275.03*	
		For Vinyl Coated, Add	*750.09*	
32 31 13 13-0600	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,657.19	870.08
		For 1" Mesh Fabric, Add	*1,268.90*	
		For 1-1/4" Mesh Fabric, Add	*816.77*	
		For 1-3/4" Mesh Fabric, Add	*507.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-253.78*	
		For Gate With Barb Wire Arm, Add	*320.87*	
		For Vinyl Coated, Add	*875.11*	
32 31 13 13-0601	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,323.25	994.78
		For 1" Mesh Fabric, Add	*1,450.17*	
		For 1-1/4" Mesh Fabric, Add	*933.44*	
		For 1-3/4" Mesh Fabric, Add	*580.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-290.03*	
		For Gate With Barb Wire Arm, Add	*366.71*	
		For Vinyl Coated, Add	*1,000.12*	
32 31 13 13-0602	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,988.53	1,119.03
		For 1" Mesh Fabric, Add	*1,631.44*	
		For 1-1/4" Mesh Fabric, Add	*1,050.12*	
		For 1-3/4" Mesh Fabric, Add	*652.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.29*	
		For Gate With Barb Wire Arm, Add	*412.55*	
		For Vinyl Coated, Add	*1,125.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0603	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,653.79	1,243.28
		For 1" Mesh Fabric, Add	*1,812.71*	
		For 1-1/4" Mesh Fabric, Add	*1,166.80*	
		For 1-3/4" Mesh Fabric, Add	*725.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-362.54*	
		For Gate With Barb Wire Arm, Add	*458.39*	
		For Vinyl Coated, Add	*1,250.15*	
32 31 13 13-0604	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,947.54	1,491.78
		For 1" Mesh Fabric, Add	*2,159.30*	
		For 1-1/4" Mesh Fabric, Add	*1,389.89*	
		For 1-3/4" Mesh Fabric, Add	*863.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-431.86*	
		For Gate With Barb Wire Arm, Add	*546.03*	
		For Vinyl Coated, Add	*1,489.17*	
32 31 13 13-0605	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,979.66	1,864.52
		For 1" Mesh Fabric, Add	*2,719.07*	
		For 1-1/4" Mesh Fabric, Add	*1,750.20*	
		For 1-3/4" Mesh Fabric, Add	*1,087.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-543.81*	
		For Gate With Barb Wire Arm, Add	*687.58*	
		For Vinyl Coated, Add	*1,875.22*	
32 31 13 13-0606	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	13,310.29	2,488.05
		For 1" Mesh Fabric, Add	*3,625.43*	
		For 1-1/4" Mesh Fabric, Add	*2,333.61*	
		For 1-3/4" Mesh Fabric, Add	*1,450.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-725.09*	
		For Gate With Barb Wire Arm, Add	*916.78*	
		For Vinyl Coated, Add	*2,500.30*	
32 31 13 13-0607		10' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0608	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,544.95	685.88
		For 1" Mesh Fabric, Add	*945.34*	
		For 1-1/4" Mesh Fabric, Add	*608.49*	
		For 1-3/4" Mesh Fabric, Add	*378.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-189.07*	
		For Gate With Barb Wire Arm, Add	*239.05*	
		For Vinyl Coated, Add	*651.96*	
32 31 13 13-0609	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,253.94	823.03
		For 1" Mesh Fabric, Add	*1,134.41*	
		For 1-1/4" Mesh Fabric, Add	*730.20*	
		For 1-3/4" Mesh Fabric, Add	*453.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-226.88*	
		For Gate With Barb Wire Arm, Add	*286.86*	
		For Vinyl Coated, Add	*782.35*	
32 31 13 13-0610	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,963.40	960.41
		For 1" Mesh Fabric, Add	*1,323.48*	
		For 1-1/4" Mesh Fabric, Add	*851.89*	
		For 1-3/4" Mesh Fabric, Add	*529.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-264.70*	
		For Gate With Barb Wire Arm, Add	*334.67*	
		For Vinyl Coated, Add	*912.74*	
32 31 13 13-0611	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,672.19	1,097.56
		For 1" Mesh Fabric, Add	*1,512.55*	
		For 1-1/4" Mesh Fabric, Add	*973.59*	
		For 1-3/4" Mesh Fabric, Add	*605.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-302.51*	
		For Gate With Barb Wire Arm, Add	*382.48*	
		For Vinyl Coated, Add	*1,043.14*	
32 31 13 13-0612	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,380.90	1,234.60
		For 1" Mesh Fabric, Add	*1,701.61*	
		For 1-1/4" Mesh Fabric, Add	*1,095.29*	
		For 1-3/4" Mesh Fabric, Add	*680.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-340.32*	
		For Gate With Barb Wire Arm, Add	*430.29*	
		For Vinyl Coated, Add	*1,173.52*	
32 31 13 13-0613	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,089.90	1,371.75
		For 1" Mesh Fabric, Add	*1,890.68*	
		For 1-1/4" Mesh Fabric, Add	*1,216.99*	
		For 1-3/4" Mesh Fabric, Add	*756.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-378.14*	
		For Gate With Barb Wire Arm, Add	*478.10*	
		For Vinyl Coated, Add	*1,303.92*	
32 31 13 13-0614	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,470.81	1,646.74
		For 1" Mesh Fabric, Add	*2,252.17*	
		For 1-1/4" Mesh Fabric, Add	*1,449.67*	
		For 1-3/4" Mesh Fabric, Add	*900.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-450.43*	
		For Gate With Barb Wire Arm, Add	*569.52*	
		For Vinyl Coated, Add	*1,553.22*	
32 31 13 13-0615	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,634.85	2,057.63
		For 1" Mesh Fabric, Add	*2,836.02*	
		For 1-1/4" Mesh Fabric, Add	*1,825.48*	
		For 1-3/4" Mesh Fabric, Add	*1,134.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-567.20*	
		For Gate With Barb Wire Arm, Add	*717.15*	
		For Vinyl Coated, Add	*1,955.87*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0616	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	14,176.51	2,741.91
		For 1" Mesh Fabric, Add	*3,781.36*	
		For 1-1/4" Mesh Fabric, Add	*2,433.98*	
		For 1-3/4" Mesh Fabric, Add	*1,512.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-756.27*	
		For Gate With Barb Wire Arm, Add	*956.21*	
		For Vinyl Coated, Add	*2,607.84*	

32 31 13 13-0617 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0263)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

32 31 13 13-0618	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	5,144.80	456.79
		For 1" Mesh Fabric, Add	*1,840.58*	
		For 1-1/4" Mesh Fabric, Add	*1,184.74*	
		For 1-3/4" Mesh Fabric, Add	*736.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-368.12*	
		For Gate With Single Barb Wire Arm, Add	*465.43*	
		For Gate With Double Barb Wire Arm, Add	*677.00*	
		For Aluminized Steel Gate And Post, Add	*2,030.99*	
		For Powder Coated Gate And Post, Add	*888.56*	
		For Vinyl Coated, Add	*1,269.37*	
32 31 13 13-0619	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	5,661.23	571.00
		For 1" Mesh Fabric, Add	*1,965.87*	
		For 1-1/4" Mesh Fabric, Add	*1,265.39*	
		For 1-3/4" Mesh Fabric, Add	*786.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-393.17*	
		For Gate With Single Barb Wire Arm, Add	*497.12*	
		For Gate With Double Barb Wire Arm, Add	*723.08*	
		For Aluminized Steel Gate And Post, Add	*2,169.24*	
		For Powder Coated Gate And Post, Add	*949.04*	
		For Vinyl Coated, Add	*1,355.78*	
32 31 13 13-0620	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	6,181.63	685.19
		For 1" Mesh Fabric, Add	*2,092.89*	
		For 1-1/4" Mesh Fabric, Add	*1,347.15*	
		For 1-3/4" Mesh Fabric, Add	*837.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-418.58*	
		For Gate With Single Barb Wire Arm, Add	*529.24*	
		For Gate With Double Barb Wire Arm, Add	*769.80*	
		For Aluminized Steel Gate And Post, Add	*2,309.40*	
		For Powder Coated Gate And Post, Add	*1,010.36*	
		For Vinyl Coated, Add	*1,443.37*	
32 31 13 13-0621	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	7,279.92	913.58
		For 1" Mesh Fabric, Add	*2,371.94*	
		For 1-1/4" Mesh Fabric, Add	*1,526.77*	
		For 1-3/4" Mesh Fabric, Add	*948.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-474.39*	
		For Gate With Single Barb Wire Arm, Add	*599.80*	
		For Gate With Double Barb Wire Arm, Add	*872.44*	
		For Aluminized Steel Gate And Post, Add	*2,617.32*	
		For Powder Coated Gate And Post, Add	*1,145.08*	
		For Vinyl Coated, Add	*1,635.82*	
32 31 13 13-0622	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	6,782.19	913.58
		For 1" Mesh Fabric, Add	*2,155.43*	
		For 1-1/4" Mesh Fabric, Add	*1,387.40*	
		For 1-3/4" Mesh Fabric, Add	*862.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-431.09*	
		For Gate With Single Barb Wire Arm, Add	*545.05*	
		For Gate With Double Barb Wire Arm, Add	*792.80*	
		For Aluminized Steel Gate And Post, Add	*2,378.40*	
		For Powder Coated Gate And Post, Add	*1,040.55*	
		For Vinyl Coated, Add	*1,486.50*	
32 31 13 13-0623	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	7,978.50	1,199.09
		For 1" Mesh Fabric, Add	*2,427.44*	
		For 1-1/4" Mesh Fabric, Add	*1,562.49*	
		For 1-3/4" Mesh Fabric, Add	*970.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-485.49*	
		For Gate With Single Barb Wire Arm, Add	*613.84*	
		For Gate With Double Barb Wire Arm, Add	*892.85*	
		For Aluminized Steel Gate And Post, Add	*2,678.56*	
		For Powder Coated Gate And Post, Add	*1,171.87*	
		For Vinyl Coated, Add	*1,674.10*	
32 31 13 13-0624	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	10,553.62	1,484.58
		For 1" Mesh Fabric, Add	*3,299.24*	
		For 1-1/4" Mesh Fabric, Add	*2,123.65*	
		For 1-3/4" Mesh Fabric, Add	*1,319.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-659.85*	
		For Gate With Single Barb Wire Arm, Add	*834.29*	
		For Gate With Double Barb Wire Arm, Add	*1,213.51*	
		For Aluminized Steel Gate And Post, Add	*3,640.54*	
		For Powder Coated Gate And Post, Add	*1,592.74*	
		For Vinyl Coated, Add	*2,275.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0625	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	11,910.55	1,770.07
		For 1" Mesh Fabric, Add	*3,641.12*	
		For 1-1/4" Mesh Fabric, Add	*2,343.71*	
		For 1-3/4" Mesh Fabric, Add	*1,456.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-728.22*	
		For Gate With Single Barb Wire Arm, Add	*920.74*	
		For Gate With Double Barb Wire Arm, Add	*1,339.26*	
		For Aluminized Steel Gate And Post, Add	*4,017.79*	
		For Powder Coated Gate And Post, Add	*1,757.78*	
		For Vinyl Coated, Add	*2,511.12*	
32 31 13 13-0626	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	7,953.03	1,141.98
		For 1" Mesh Fabric, Add	*2,466.04*	
		For 1-1/4" Mesh Fabric, Add	*1,587.34*	
		For 1-3/4" Mesh Fabric, Add	*986.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-493.21*	
		For Gate With Single Barb Wire Arm, Add	*623.60*	
		For Gate With Double Barb Wire Arm, Add	*907.05*	
		For Aluminized Steel Gate And Post, Add	*2,721.15*	
		For Powder Coated Gate And Post, Add	*1,190.50*	
		For Vinyl Coated, Add	*1,700.72*	
32 31 13 13-0627	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	9,466.79	1,541.68
		For 1" Mesh Fabric, Add	*2,776.79*	
		For 1-1/4" Mesh Fabric, Add	*1,787.36*	
		For 1-3/4" Mesh Fabric, Add	*1,110.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-555.36*	
		For Gate With Single Barb Wire Arm, Add	*702.18*	
		For Gate With Double Barb Wire Arm, Add	*1,021.35*	
		For Aluminized Steel Gate And Post, Add	*3,064.05*	
		For Powder Coated Gate And Post, Add	*1,340.52*	
		For Vinyl Coated, Add	*1,915.03*	
32 31 13 13-0628	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	12,558.70	1,941.37
		For 1" Mesh Fabric, Add	*3,774.04*	
		For 1-1/4" Mesh Fabric, Add	*2,429.27*	
		For 1-3/4" Mesh Fabric, Add	*1,509.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-754.81*	
		For Gate With Single Barb Wire Arm, Add	*954.35*	
		For Gate With Double Barb Wire Arm, Add	*1,388.15*	
		For Aluminized Steel Gate And Post, Add	*4,164.46*	
		For Powder Coated Gate And Post, Add	*1,821.95*	
		For Vinyl Coated, Add	*2,602.79*	
32 31 13 13-0629	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	14,141.84	2,283.97
		For 1" Mesh Fabric, Add	*4,164.65*	
		For 1-1/4" Mesh Fabric, Add	*2,680.69*	
		For 1-3/4" Mesh Fabric, Add	*1,665.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-832.93*	
		For Gate With Single Barb Wire Arm, Add	*1,053.13*	
		For Gate With Double Barb Wire Arm, Add	*1,531.82*	
		For Aluminized Steel Gate And Post, Add	*4,595.47*	
		For Powder Coated Gate And Post, Add	*2,010.52*	
		For Vinyl Coated, Add	*2,872.17*	

32 31 13 13-0630 Gate Accessories *(32 31 13 13-0263)*

32 31 13 13-0631	EA	Gate Center Stop, Cast Steel, Ground	39.53	
32 31 13 13-0632	EA	Gate Latch, Malleable Galvanized Steel	47.84	
32 31 13 13-0633	EA	Gate Keeper, Full Length, Galvanized Steel	220.39	
32 31 13 13-0634	EA	Gate Keeper Hold-Open For Cantilever Gate	97.34	18.21
32 31 13 13-0635	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	54.35	
32 31 13 13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	823.45	
32 31 13 13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	883.42	
32 31 13 13-0638	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	943.39	
32 31 13 13-0639	LF	Aluminum V-Groove Gate Track	52.81	10.05
32 31 13 13-0640	LF	Galvanized Steel V-Groove Gate Track	41.30	10.05

32 31 13 13-0641 Vertical-Pivot Lift Gate *(32 31 13 13-0263)*

Note: Includes 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes operator. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate.

32 31 13 13-0642	EA	5' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	19,650.35	856.49
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0643	EA	5' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	19,992.94	1,027.79
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0644	EA	5' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	20,335.54	1,199.09
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0645	EA	5' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	20,903.05	1,370.39
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0646	EA	5' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	21,459.32	1,541.68
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0647	EA	6' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	20,602.83	1,113.44
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0648	EA	6' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	20,945.42	1,284.74
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0649	EA	6' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	21,288.02	1,456.03
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0650	EA	6' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	21,754.33	1,627.33
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0651	EA	6' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	22,411.81	1,798.63
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	

32 31 13 13-0652 Accessories *(32 31 13 13)*

32 31 13 13-0653 Barbed And Concertina Wire *(32 31 13 13-0652)*

32 31 13 13-0654 Single Strand Barbed Wire *(32 31 13 13-0653)*

32 31 13 13-0655	LF	Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.03	0.48
		For >500 To 2,000, Deduct	*-0.10*	
		For >2,000, Deduct	*-0.15*	
32 31 13 13-0656	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.16	0.48
		For >500 To 2,000, Deduct	*-0.11*	
		For >2,000, Deduct	*-0.16*	
32 31 13 13-0657	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	11.15	7.67
32 31 13 13-0658	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	17.76	9.20
32 31 13 13-0659	EA	Barbed Wire Eye Tops (For Single Strand)	11.59	7.67

32 31 13 13-0660 Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0653)*

32 31 13 13-0661	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.93	0.67
		For >500 To 1,500, Deduct	*-0.34*	
		For >1,500 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.98*	
		For Ground Installation, Deduct	*-0.48*	
		For Double Coil (Helix), Add	*2.97*	
32 31 13 13-0662	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.92	0.67
		For >500 To 1,500, Deduct	*-0.52*	
		For >1,500 To 5,000, Deduct	*-1.03*	
		For >5,000, Deduct	*-1.47*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*4.49*	
32 31 13 13-0663	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.86	0.67
		For >500 To 1,500, Deduct	*-0.69*	
		For >1,500 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-1.96*	
		For Ground Installation, Deduct	*-0.96*	
		For Double Coil (Helix), Add	*5.94*	
32 31 13 13-0664	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.41	0.67
		For >500 To 1,500, Deduct	*-0.53*	
		For >1,500 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-1.50*	
		For Ground Installation, Deduct	*-0.53*	
		For Double Coil (Helix), Add	*5.35*	
32 31 13 13-0665	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.69	0.67
		For >500 To 1,500, Deduct	*-0.81*	
		For >1,500 To 5,000, Deduct	*-1.61*	
		For >5,000, Deduct	*-2.26*	
		For Ground Installation, Deduct	*-0.80*	
		For Double Coil (Helix), Add	*8.09*	
32 31 13 13-0666	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	12.80	0.67
		For >500 To 1,500, Deduct	*-1.07*	
		For >1,500 To 5,000, Deduct	*-2.13*	
		For >5,000, Deduct	*-2.98*	
		For Ground Installation, Deduct	*-1.06*	
		For Double Coil (Helix), Add	*10.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0667	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	19.21	0.67
		For >500 To 1,500, Deduct	*-1.50*	
		For >1,500 To 5,000, Deduct	*-3.00*	
		For >5,000, Deduct	*-4.08*	
		For Ground Installation, Deduct	*-0.60*	
		For Double Coil (Helix), Add	*18.01*	
32 31 13 13-0668	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	29.06	0.67
		For >500 To 1,500, Deduct	*-2.27*	
		For >1,500 To 5,000, Deduct	*-4.54*	
		For >5,000, Deduct	*-6.17*	
		For Ground Installation, Deduct	*-0.90*	
		For Double Coil (Helix), Add	*27.27*	
32 31 13 13-0669	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	38.41	0.67
		For >500 To 1,500, Deduct	*-3.00*	
		For >1,500 To 5,000, Deduct	*-6.00*	
		For >5,000, Deduct	*-8.16*	
		For Ground Installation, Deduct	*-1.20*	
		For Double Coil (Helix), Add	*36.02*	
32 31 13 13-0670		**Stainless Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0658)*		
32 31 13 13-0671	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.82	0.67
		For >500 To 1,500, Deduct	*-0.56*	
		For >1,500 To 5,000, Deduct	*-1.12*	
		For >5,000, Deduct	*-1.56*	
		For Ground Installation, Deduct	*-0.48*	
		For Double Coil (Helix), Add	*5.86*	
32 31 13 13-0672	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.29	0.67
		For >500 To 1,500, Deduct	*-0.84*	
		For >1,500 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-2.35*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*8.86*	
32 31 13 13-0673	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	13.63	0.67
		For >500 To 1,500, Deduct	*-1.12*	
		For >1,500 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-3.11*	
		For Ground Installation, Deduct	*-0.96*	
		For Double Coil (Helix), Add	*11.71*	
32 31 13 13-0674	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	8.86	0.67
		For >500 To 1,500, Deduct	*-0.72*	
		For >1,500 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-1.99*	
		For Ground Installation, Deduct	*-0.53*	
		For Double Coil (Helix), Add	*7.80*	
32 31 13 13-0675	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	13.40	0.67
		For >500 To 1,500, Deduct	*-1.09*	
		For >1,500 To 5,000, Deduct	*-2.17*	
		For >5,000, Deduct	*-3.00*	
		For Ground Installation, Deduct	*-0.80*	
		For Double Coil (Helix), Add	*11.80*	
32 31 13 13-0676	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	17.70	0.67
		For >500 To 1,500, Deduct	*-1.43*	
		For >1,500 To 5,000, Deduct	*-2.87*	
		For >5,000, Deduct	*-3.96*	
		For Ground Installation, Deduct	*-1.06*	
		For Double Coil (Helix), Add	*15.59*	
32 31 13 13-0677	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	28.48	0.67
		For >500 To 1,500, Deduct	*-2.20*	
		For >1,500 To 5,000, Deduct	*-4.39*	
		For >5,000, Deduct	*-5.94*	
		For Ground Installation, Deduct	*-0.60*	
		For Double Coil (Helix), Add	*27.28*	
32 31 13 13-0678	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	43.10	0.67
		For >500 To 1,500, Deduct	*-3.32*	
		For >1,500 To 5,000, Deduct	*-6.64*	
		For >5,000, Deduct	*-8.98*	
		For Ground Installation, Deduct	*-0.90*	
		For Double Coil (Helix), Add	*41.31*	
32 31 13 13-0679	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	56.95	0.67
		For >500 To 1,500, Deduct	*-4.39*	
		For >1,500 To 5,000, Deduct	*-8.78*	
		For >5,000, Deduct	*-11.87*	
		For Ground Installation, Deduct	*-1.20*	
		For Double Coil (Helix), Add	*54.56*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0680		**Grounding For Gates** *(32 31 13 13-0652)* Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0681	OPN	Grounding For Gates (Per Opening)	433.06	
32 31 13 13-0682		**Coiled Spring Reinforcing Wire** *(32 31 13 13-0652)*		
32 31 13 13-0683		**Galvanized Steel** *(32 31 13 13-0682)*		
32 31 13 13-0684	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.13	0.48
32 31 13 13-0685		**Vinyl Coated Steel** *(32 31 13 13-0682)*		
32 31 13 13-0686	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.13	0.48
32 31 13 13-0687		**Bending Of Fabric Around Pipe Railings** *(32 31 13 13-0652)* Note: Only where specified.		
32 31 13 13-0688	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.48	
32 31 13 13-0689	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.28	
32 31 13 13-0690		**Mounting Plate With Anchors Or Bolts** *(32 31 13 13-0652)* Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0691	EA	Mounting Plate For 1-5/8" Diameter Post	42.98	
32 31 13 13-0692	EA	Mounting Plate For 2" Diameter Post	43.70	
32 31 13 13-0693	EA	Mounting Plate For 2-1/2" Diameter Post	44.91	
32 31 13 13-0694	EA	Mounting Plate For 3" Diameter Post	54.22	
32 31 13 13-0695	EA	Mounting Plate For 4" Diameter Post	62.43	
32 31 13 13-0696	EA	Mounting Plate For 6-5/8" Diameter Post	72.43	
32 31 13 13-0697	EA	Mounting Plate For 8-5/8" Diameter Post	85.50	
32 31 13 13-0698		**Tension Bar** *(32 31 13 13-0652)*		
32 31 13 13-0699	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	14.49	
32 31 13 13-0700	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	15.40	
32 31 13 13-0701	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	18.86	
32 31 13 13-0702	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	21.78	
32 31 13 13-0703	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	25.64	
32 31 13 13-0704	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	29.68	
32 31 13 13-0705	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	33.53	
32 31 13 13-0706	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	40.11	
32 31 13 13-0707	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	47.98	
32 31 13 13-0708		**Truss Rods** *(32 31 13 13-0652)*		
32 31 13 13-0709	LF	3/8" Diameter Truss Rods	2.05	0.52
32 31 13 13-0710		**Fence And Gate Repair And Replacement** *(32 31 13 13)*		
32 31 13 13-0711		**Fence And Gate Parts Replacement** *(32 31 13 13-0710)*		
32 31 13 13-0712	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	118.23	
32 31 13 13-0713	EA	Sliding Gate Roller Assembly Replacement	116.33	
32 31 13 13-0714	EA	Rod And Lock Gate Keeper Replacement	117.44	
32 31 13 13-0715	EA	Galvanized Gate Holdback Replacement	25.83	
32 31 13 13-0716	LF	3/8" Cross Bracing Rod Replacement	1.50	
32 31 13 13-0717	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.33	
32 31 13 13-0718	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	26.69	
32 31 13 13-0719	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	30.41	
32 31 13 13-0720	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	34.26	
32 31 13 13-0721	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	51.08	
32 31 13 13-0722	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	103.70	
32 31 13 13-0723	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	24.17	
32 31 13 13-0724	EA	3" x 2" Off Set Gate Hinge Replacement	25.24	
32 31 13 13-0725	EA	4" x 2" Off Set Gate Hinge Replacement	26.93	
32 31 13 13-0726	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	43.89	
32 31 13 13-0727	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	69.01	
32 31 13 13-0728	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	5.09	
32 31 13 13-0729	EA	2" Aluminum Die-Cast Post Cap Replacement	5.58	
32 31 13 13-0730	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	6.42	
32 31 13 13-0731	EA	3" Aluminum Die-Cast Post Cap Replacement	7.40	
32 31 13 13-0732	EA	2" Galvanized Post Cap Replacement	6.00	
32 31 13 13-0733	EA	2-1/2" Galvanized Post Cap Replacement	6.50	
32 31 13 13-0734	EA	3" Galvanized Post Cap Replacement	7.45	
32 31 13 13-0735	EA	4" Galvanized Post Cap Replacement	11.04	
32 31 13 13-0736	EA	6-5/8" Galvanized Post Cap Replacement	20.70	
32 31 13 13-0737	EA	8-5/8" Galvanized Post Cap Replacement	33.96	
32 31 13 13-0738	EA	1-5/8" Boulevard Clamp Replacement	10.02	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0739	EA	2" Boulevard Clamp Replacement	12.21	
32 31 13 13-0740	EA	2-1/2" Boulevard Clamp Replacement	14.32	
32 31 13 13-0741	EA	3" Boulevard Clamp Replacement	17.38	
32 31 13 13-0742	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	9.82	
32 31 13 13-0743	EA	2" Gate Brace Or End Rail Clamp Replacement	11.94	
32 31 13 13-0744	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	14.05	
32 31 13 13-0745	EA	3" Gate Brace Or End Rail Clamp Replacement	17.09	
32 31 13 13-0746	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.51	
32 31 13 13-0747	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.75	
32 31 13 13-0748	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.64	
32 31 13 13-0749	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.82	
32 31 13 13-0750	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.96	
32 31 13 13-0751	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.38	
32 31 13 13-0752	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	14.41	
32 31 13 13-0753	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.43	
32 31 13 13-0754		Removal And Reinstallation Of Chain Link Fences *(32 31 13 13)* Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 13-0755	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	19.18	
32 31 13 13-0756	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	28.76	
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		Regulation Baseball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	11,669.53	1,866.60
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	16,847.64	2,488.80
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	21,490.37	2,903.60
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	16,433.19	1,866.60
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	23,975.58	2,488.80
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	30,896.80	2,903.60
32 31 13 33-0008		Regulation Softball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0009		14' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0010	EA	14' Softball Backstop, Galvanized Regulation	10,107.76	1,986.03
32 31 13 33-0011	EA	14' Softball Backstop, Vinyl Coated Regulation	13,524.33	1,986.03
32 31 13 33-0012		18' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0013	EA	18' Softball Backstop, Galvanized Regulation	11,794.74	2,207.91
32 31 13 33-0014	EA	18' Softball Backstop Vinyl Coated Regulation	15,927.69	2,207.91
32 31 13 33-0015		20' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0016	EA	20' Softball Backstop, Galvanized Regulation	13,347.26	2,327.93
32 31 13 33-0017	EA	20' Softball Backstop, Vinyl Coated Regulation	18,251.75	2,327.93
32 31 13 33-0018		22' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0019	EA	22' Softball Backstop, Galvanized Regulation	15,364.14	2,398.17
32 31 13 33-0020	EA	22' Softball Backstop, Vinyl Coated Regulation	21,260.48	2,398.17
32 31 13 33-0021		24' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0022	EA	24' Softball Backstop, Galvanized Regulation	18,273.44	2,740.76
32 31 13 33-0023	EA	24' Softball Backstop, Vinyl Coated Regulation	25,602.54	2,740.76
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	9.17	1.66
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	9.87	1.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.02	1.66
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.65	1.66
32 31 19		**Decorative Metal Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001		Wrought Iron Fence *(32 31 19)* Note: Factory primed.		
32 31 19 00-0002		Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center *(32 31 19 00-0001)* Note: Factory primed.		
32 31 19 00-0003	LF	3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	49.83	10.55
		For Verticals Up To 2" On Center, Add	*5.75*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.87*	
		For Verticals >3" To 4" On Center, Deduct	*-2.87*	
		For Verticals >4" To 6" On Center, Deduct	*-5.75*	
32 31 19 00-0004	LF	4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	63.99	13.42
		For Verticals Up To 2" On Center, Add	*7.62*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.81*	
		For Verticals >3" To 4" On Center, Deduct	*-3.81*	
		For Verticals >4" To 6" On Center, Deduct	*-7.62*	
32 31 19 00-0005	LF	5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	76.22	14.00
		For Verticals Up To 2" On Center, Add	*9.61*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.80*	
		For Verticals >3" To 4" On Center, Deduct	*-4.80*	
		For Verticals >4" To 6" On Center, Deduct	*-9.61*	
32 31 19 00-0006	LF	6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	92.29	16.88
		For Verticals Up To 2" On Center, Add	*11.69*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.85*	
		For Verticals >3" To 4" On Center, Deduct	*-5.85*	
		For Verticals >4" To 6" On Center, Deduct	*-11.69*	
32 31 19 00-0007	LF	7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	108.39	17.85
		For Verticals Up To 2" On Center, Add	*14.53*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.27*	
		For Verticals >3" To 4" On Center, Deduct	*-7.27*	
		For Verticals >4" To 6" On Center, Deduct	*-14.53*	
32 31 19 00-0008	LF	8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	124.45	18.79
		For Verticals Up To 2" On Center, Add	*17.37*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.69*	
		For Verticals >3" To 4" On Center, Deduct	*-8.69*	
		For Verticals >4" To 6" On Center, Deduct	*-17.37*	
32 31 19 00-0009	LF	10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	151.61	21.10
		For Verticals Up To 2" On Center, Add	*21.89*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.94*	
		For Verticals >3" To 4" On Center, Deduct	*-10.94*	
		For Verticals >4" To 6" On Center, Deduct	*-21.89*	
32 31 19 00-0010	LF	12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	179.33	23.97
		For Verticals Up To 2" On Center, Add	*26.28*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.14*	
		For Verticals >3" To 4" On Center, Deduct	*-13.14*	
		For Verticals >4" To 6" On Center, Deduct	*-26.28*	
32 31 19 00-0011		Wrought Iron Gates *(32 31 19 00-0001)* Note: Factory primed.		
32 31 19 00-0012		Single Wrought Iron Gates *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	61.42	12.85
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	80.63	15.91
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	98.59	19.18
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	119.86	23.01
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	161.33	25.51
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	195.58	28.19
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	229.19	32.02
32 31 19 00-0020		Double Wrought Iron Gates *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	75.16	11.50
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	98.70	14.39
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	120.24	17.26
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	145.77	20.71
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	197.11	23.01
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	239.36	25.31
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	280.96	28.76
32 31 19 00-0028		Repair Or Replace Wrought Iron Fence *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	19.10	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	28.62	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	76.70	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0032		Steel Tube Fence, Powder Coated *(32 31 19)* Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033		Steel Tube Fence, 2 Rail *(32 31 19 00-0032)*		
32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	68.15	10.55
		For Verticals Up To 2" On Center, Add	*9.50*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.75*	
		For Verticals >3" To 4" On Center, Deduct	*-4.75*	
		For Verticals >4" To 6" On Center, Deduct	*-9.50*	
		For Solid Pickets, Add	*13.78*	
		For Aluminum With Satin Finish, Add	*11.14*	
		For Third Rail, Add	*3.56*	
		For 1" Square x 14 Gauge Pickets, Add	*11.87*	
		For 3" Square Posts, Add	*4.75*	
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	72.92	11.27
		For Verticals Up To 2" On Center, Add	*10.07*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.04*	
		For Verticals >3" To 4" On Center, Deduct	*-5.04*	
		For Verticals >4" To 6" On Center, Deduct	*-10.07*	
		For Solid Pickets, Add	*14.72*	
		For Aluminum With Satin Finish, Add	*11.73*	
		For Third Rail, Add	*3.78*	
		For 1" Square x 14 Gauge Pickets, Add	*12.59*	
		For 3" Square Posts, Add	*5.04*	
32 31 19 00-0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	77.16	12.47
		For Verticals Up To 2" On Center, Add	*10.55*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.27*	
		For Verticals >3" To 4" On Center, Deduct	*-5.27*	
		For Verticals >4" To 6" On Center, Deduct	*-10.55*	
		For Solid Pickets, Add	*15.53*	
		For Aluminum With Satin Finish, Add	*12.16*	
		For Third Rail, Add	*3.96*	
		For 1" Square x 14 Gauge Pickets, Add	*13.19*	
		For 3" Square Posts, Add	*5.27*	
32 31 19 00-0037	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	82.25	14.00
		For Verticals Up To 2" On Center, Add	*10.81*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.41*	
		For Verticals >3" To 4" On Center, Deduct	*-5.41*	
		For Verticals >4" To 6" On Center, Deduct	*-10.81*	
		For Solid Pickets, Add	*16.39*	
		For Aluminum With Satin Finish, Add	*11.99*	
		For Third Rail, Add	*4.05*	
		For 1" Square x 14 Gauge Pickets, Add	*13.52*	
		For 3" Square Posts, Add	*5.41*	
32 31 19 00-0038	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	95.35	15.82
		For Verticals Up To 2" On Center, Add	*12.74*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.37*	
		For Verticals >3" To 4" On Center, Deduct	*-6.37*	
		For Verticals >4" To 6" On Center, Deduct	*-12.74*	
		For Solid Pickets, Add	*19.08*	
		For Aluminum With Satin Finish, Add	*14.37*	
		For Third Rail, Add	*4.78*	
		For 1" Square x 14 Gauge Pickets, Add	*15.93*	
		For 3" Square Posts, Add	*6.37*	
32 31 19 00-0039	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	109.16	17.26
		For Verticals Up To 2" On Center, Add	*14.93*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.46*	
		For Verticals >3" To 4" On Center, Deduct	*-7.46*	
		For Verticals >4" To 6" On Center, Deduct	*-14.93*	
		For Solid Pickets, Add	*21.97*	
		For Aluminum With Satin Finish, Add	*17.21*	
		For Third Rail, Add	*5.60*	
		For 1" Square x 14 Gauge Pickets, Add	*18.66*	
		For 4" Square Posts, Add	*26.12*	
32 31 19 00-0040	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	123.16	18.79
		For Verticals Up To 2" On Center, Add	*17.12*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.56*	
		For Verticals >3" To 4" On Center, Deduct	*-8.56*	
		For Verticals >4" To 6" On Center, Deduct	*-17.12*	
		For Solid Pickets, Add	*24.89*	
		For Aluminum With Satin Finish, Add	*20.04*	
		For Third Rail, Add	*6.42*	
		For 1" Square x 14 Gauge Pickets, Add	*21.40*	
		For 4" Square Posts, Add	*29.95*	
32 31 19 00-0041	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	143.16	20.13
		For Verticals Up To 2" On Center, Add	*20.58*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.29*	
		For Verticals >3" To 4" On Center, Deduct	*-10.29*	
		For Verticals >4" To 6" On Center, Deduct	*-20.58*	
		For Solid Pickets, Add	*29.19*	
		For Aluminum With Satin Finish, Add	*24.83*	
		For Third Rail, Add	*7.72*	
		For 1" Square x 14 Gauge Pickets, Add	*25.73*	
		For 4" Square Posts, Add	*36.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0042	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	163.37	21.57
		For Verticals Up To 2" On Center, Add	*24.04*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.02*	
		For Verticals >3" To 4" On Center, Deduct	*-12.04*	
		For Verticals >4" To 6" On Center, Deduct	*-24.04*	
		For Solid Pickets, Add	*33.52*	
		For Aluminum With Satin Finish, Add	*29.59*	
		For Third Rail, Add	*9.02*	
		For 1" Square x 14 Gauge Pickets, Add	*30.06*	
		For 6" Square Posts, Add	*42.08*	
32 31 19 00-0043	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	192.41	23.97
		For Verticals Up To 2" On Center, Add	*28.89*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.45*	
		For Verticals >3" To 4" On Center, Deduct	*-14.45*	
		For Verticals >4" To 6" On Center, Deduct	*-28.89*	
		For Solid Pickets, Add	*39.70*	
		For Aluminum With Satin Finish, Add	*36.15*	
		For Third Rail, Add	*10.84*	
		For 1" Square x 14 Gauge Pickets, Add	*36.12*	
		For 6" Square Posts, Add	*50.56*	
32 31 19 00-0044	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	206.12	25.89
		For Verticals Up To 2" On Center, Add	*30.87*	
		For Verticals >2" To 2-1/2" On Center, Add	*15.43*	
		For Verticals >3" To 4" On Center, Deduct	*-15.43*	
		For Verticals >4" To 6" On Center, Deduct	*-30.87*	
		For Solid Pickets, Add	*42.49*	
		For Aluminum With Satin Finish, Add	*38.54*	
		For Third Rail, Add	*11.58*	
		For 1" Square x 14 Gauge Pickets, Add	*38.59*	
		For 6" Square Posts, Add	*54.02*	
32 31 19 00-0045		Steel Tube Swing Gates *(32 31 19 00-0032)*		
32 31 19 00-0046		3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19.00-0045)*		
32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	779.06	20.42
		For Solid Pickets, Add	*170.69*	
		For Aluminum With Satin Finish, Add	*206.11*	
		For Third Rail, Add	*53.83*	
		For 1" Square x 14 Gauge Pickets, Add	*71.77*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	867.51	21.38
		For Solid Pickets, Add	*190.37*	
		For Aluminum With Satin Finish, Add	*231.35*	
		For Third Rail, Add	*60.25*	
		For 1" Square x 14 Gauge Pickets, Add	*80.33*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	960.83	22.62
		For Solid Pickets, Add	*211.08*	
		For Aluminum With Satin Finish, Add	*257.62*	
		For Third Rail, Add	*66.96*	
		For 1" Square x 14 Gauge Pickets, Add	*89.28*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,010.35	24.26
		For Solid Pickets, Add	*221.86*	
		For Aluminum With Satin Finish, Add	*270.32*	
		For Third Rail, Add	*70.31*	
		For 1" Square x 14 Gauge Pickets, Add	*93.75*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,127.83	29.05
		For Solid Pickets, Add	*247.22*	
		For Aluminum With Satin Finish, Add	*299.09*	
		For Third Rail, Add	*78.04*	
		For 1" Square x 14 Gauge Pickets, Add	*104.06*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,198.61	33.84
		For Solid Pickets, Add	*262.07*	
		For Aluminum With Satin Finish, Add	*313.85*	
		For Third Rail, Add	*82.27*	
		For 1" Square x 14 Gauge Pickets, Add	*109.70*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,307.31	38.93
		For Solid Pickets, Add	*285.37*	
		For Aluminum With Satin Finish, Add	*339.56*	
		For Third Rail, Add	*89.28*	
		For 1" Square x 14 Gauge Pickets, Add	*119.03*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,401.43	43.72
		For Solid Pickets, Add	*305.47*	
		For Aluminum With Satin Finish, Add	*361.32*	
		For Third Rail, Add	*95.26*	
		For 1" Square x 14 Gauge Pickets, Add	*127.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,483.89	48.51
		For Solid Pickets, Add	*322.95*	
		For Aluminum With Satin Finish, Add	*379.59*	
		For Third Rail, Add	*100.36*	
		For 1" Square x 14 Gauge Pickets, Add	*133.82*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,629.90	40.85
		For Solid Pickets, Add	*357.52*	
		For Aluminum With Satin Finish, Add	*433.75*	
		For Third Rail, Add	*113.04*	
		For 1" Square x 14 Gauge Pickets, Add	*150.72*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,736.99	42.76
		For Solid Pickets, Add	*381.19*	
		For Aluminum With Satin Finish, Add	*463.29*	
		For Third Rail, Add	*120.64*	
		For 1" Square x 14 Gauge Pickets, Add	*160.85*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,921.66	45.35
		For Solid Pickets, Add	*422.16*	
		For Aluminum With Satin Finish, Add	*515.23*	
		For Third Rail, Add	*133.91*	
		For 1" Square x 14 Gauge Pickets, Add	*178.55*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,013.98	46.98
		For Solid Pickets, Add	*442.58*	
		For Aluminum With Satin Finish, Add	*540.77*	
		For Third Rail, Add	*140.48*	
		For 1" Square x 14 Gauge Pickets, Add	*187.30*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,088.79	48.51
		For Solid Pickets, Add	*459.05*	
		For Aluminum With Satin Finish, Add	*561.06*	
		For Third Rail, Add	*145.73*	
		For 1" Square x 14 Gauge Pickets, Add	*194.31*	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,349.00	58.10
		For Solid Pickets, Add	*515.44*	
		For Aluminum With Satin Finish, Add	*626.18*	
		For Third Rail, Add	*163.09*	
		For 1" Square x 14 Gauge Pickets, Add	*217.45*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,572.26	67.69
		For Solid Pickets, Add	*563.51*	
		For Aluminum With Satin Finish, Add	*680.22*	
		For Third Rail, Add	*177.68*	
		For 1" Square x 14 Gauge Pickets, Add	*236.90*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,758.54	77.95
		For Solid Pickets, Add	*603.13*	
		For Aluminum With Satin Finish, Add	*722.29*	
		For Third Rail, Add	*189.35*	
		For 1" Square x 14 Gauge Pickets, Add	*252.46*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,913.74	87.44
		For Solid Pickets, Add	*635.89*	
		For Aluminum With Satin Finish, Add	*755.91*	
		For Third Rail, Add	*198.83*	
		For 1" Square x 14 Gauge Pickets, Add	*265.10*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,039.74	97.02
		For Solid Pickets, Add	*662.08*	
		For Aluminum With Satin Finish, Add	*780.77*	
		For Third Rail, Add	*206.12*	
		For 1" Square x 14 Gauge Pickets, Add	*274.83*	
32 31 19 00-0066		4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	901.06	19.18
		For Solid Pickets, Add	*197.89*	
		For Aluminum With Satin Finish, Add	*241.20*	
		For Third Rail, Add	*62.73*	
		For 1" Square x 14 Gauge Pickets, Add	*83.64*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	975.43	22.34
		For Solid Pickets, Add	*214.44*	
		For Aluminum With Satin Finish, Add	*262.43*	
		For Third Rail, Add	*68.12*	
		For 1" Square x 14 Gauge Pickets, Add	*90.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,052.19	23.97
		For Solid Pickets, Add	*231.35*	
		For Aluminum With Satin Finish, Add	*283.30*	
		For Third Rail, Add	*73.52*	
		For 1" Square x 14 Gauge Pickets, Add	*98.03*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,115.33	25.51
		For Solid Pickets, Add	*245.20*	
		For Aluminum With Satin Finish, Add	*300.08*	
		For Third Rail, Add	*77.90*	
		For 1" Square x 14 Gauge Pickets, Add	*103.86*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,200.69	30.68
		For Solid Pickets, Add	*263.25*	
		For Aluminum With Satin Finish, Add	*318.79*	
		For Third Rail, Add	*83.15*	
		For 1" Square x 14 Gauge Pickets, Add	*110.87*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,317.17	35.76
		For Solid Pickets, Add	*288.31*	
		For Aluminum With Satin Finish, Add	*346.83*	
		For Third Rail, Add	*90.73*	
		For 1" Square x 14 Gauge Pickets, Add	*120.98*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,478.38	40.85
		For Solid Pickets, Add	*323.43*	
		For Aluminum With Satin Finish, Add	*388.29*	
		For Third Rail, Add	*101.67*	
		For 1" Square x 14 Gauge Pickets, Add	*135.57*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,635.71	46.02
		For Solid Pickets, Add	*357.68*	
		For Aluminum With Satin Finish, Add	*428.59*	
		For Third Rail, Add	*112.32*	
		For 1" Square x 14 Gauge Pickets, Add	*149.77*	
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,785.26	51.10
		For Solid Pickets, Add	*390.18*	
		For Aluminum With Satin Finish, Add	*466.55*	
		For Third Rail, Add	*122.39*	
		For 1" Square x 14 Gauge Pickets, Add	*163.19*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,802.13	43.15
		For Solid Pickets, Add	*395.77*	
		For Aluminum With Satin Finish, Add	*482.40*	
		For Third Rail, Add	*125.45*	
		For 1" Square x 14 Gauge Pickets, Add	*167.27*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,950.86	44.67
		For Solid Pickets, Add	*428.88*	
		For Aluminum With Satin Finish, Add	*524.85*	
		For Third Rail, Add	*136.25*	
		For 1" Square x 14 Gauge Pickets, Add	*181.66*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,104.37	47.94
		For Solid Pickets, Add	*462.70*	
		For Aluminum With Satin Finish, Add	*566.60*	
		For Third Rail, Add	*147.04*	
		For 1" Square x 14 Gauge Pickets, Add	*196.06*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,225.86	49.48
		For Solid Pickets, Add	*489.67*	
		For Aluminum With Satin Finish, Add	*600.89*	
		For Third Rail, Add	*155.79*	
		For 1" Square x 14 Gauge Pickets, Add	*207.73*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,327.91	51.10
		For Solid Pickets, Add	*512.27*	
		For Aluminum With Satin Finish, Add	*629.34*	
		For Third Rail, Add	*163.09*	
		For 1" Square x 14 Gauge Pickets, Add	*217.45*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,640.63	61.27
		For Solid Pickets, Add	*580.34*	
		For Aluminum With Satin Finish, Add	*709.35*	
		For Third Rail, Add	*184.24*	
		For 1" Square x 14 Gauge Pickets, Add	*245.65*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,914.43	71.53
		For Solid Pickets, Add	*639.64*	
		For Aluminum With Satin Finish, Add	*777.68*	
		For Third Rail, Add	*202.47*	
		For 1" Square x 14 Gauge Pickets, Add	*269.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,151.27	81.68
		For Solid Pickets, Add	*690.63*	
		For Aluminum With Satin Finish, Add	*834.93*	
		For Third Rail, Add	*217.94*	
		For 1" Square x 14 Gauge Pickets, Add	*290.58*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,355.06	91.95
		For Solid Pickets, Add	*734.18*	
		For Aluminum With Satin Finish, Add	*882.26*	
		For Third Rail, Add	*230.92*	
		For 1" Square x 14 Gauge Pickets, Add	*307.89*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,527.72	102.21
		For Solid Pickets, Add	*770.73*	
		For Aluminum With Satin Finish, Add	*920.26*	
		For Third Rail, Add	*241.57*	
		For 1" Square x 14 Gauge Pickets, Add	*322.09*	
32 31 19 00-0086		**5' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	981.26	22.34
		For Solid Pickets, Add	*215.75*	
		For Aluminum With Satin Finish, Add	*264.18*	
		For Third Rail, Add	*68.56*	
		For 1" Square x 14 Gauge Pickets, Add	*91.42*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,034.69	23.97
		For Solid Pickets, Add	*227.41*	
		For Aluminum With Satin Finish, Add	*278.05*	
		For Third Rail, Add	*72.21*	
		For 1" Square x 14 Gauge Pickets, Add	*96.28*	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,086.16	25.51
		For Solid Pickets, Add	*238.63*	
		For Aluminum With Satin Finish, Add	*291.33*	
		For Third Rail, Add	*75.71*	
		For 1" Square x 14 Gauge Pickets, Add	*100.95*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,160.97	27.13
		For Solid Pickets, Add	*255.11*	
		For Aluminum With Satin Finish, Add	*311.62*	
		For Third Rail, Add	*80.96*	
		For 1" Square x 14 Gauge Pickets, Add	*107.95*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,260.90	32.60
		For Solid Pickets, Add	*276.37*	
		For Aluminum With Satin Finish, Add	*334.26*	
		For Third Rail, Add	*87.23*	
		For 1" Square x 14 Gauge Pickets, Add	*116.31*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,393.90	37.96
		For Solid Pickets, Add	*305.07*	
		For Aluminum With Satin Finish, Add	*366.83*	
		For Third Rail, Add	*95.99*	
		For 1" Square x 14 Gauge Pickets, Add	*127.98*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,580.37	43.72
		For Solid Pickets, Add	*345.73*	
		For Aluminum With Satin Finish, Add	*415.00*	
		For Third Rail, Add	*108.68*	
		For 1" Square x 14 Gauge Pickets, Add	*144.90*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,762.00	49.18
		For Solid Pickets, Add	*385.38*	
		For Aluminum With Satin Finish, Add	*462.16*	
		For Third Rail, Add	*121.08*	
		For 1" Square x 14 Gauge Pickets, Add	*161.44*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,939.72	54.56
		For Solid Pickets, Add	*424.14*	
		For Aluminum With Satin Finish, Add	*508.14*	
		For Third Rail, Add	*133.18*	
		For 1" Square x 14 Gauge Pickets, Add	*177.58*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,935.87	37.68
		For Solid Pickets, Add	*427.50*	
		For Aluminum With Satin Finish, Add	*532.35*	
		For Third Rail, Add	*137.12*	
		For 1" Square x 14 Gauge Pickets, Add	*182.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,049.10	43.92
		For Solid Pickets, Add	*451.64*	
		For Aluminum With Satin Finish, Add	*558.26*	
		For Third Rail, Add	*144.27*	
		For 1" Square x 14 Gauge Pickets, Add	*192.36*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,163.39	50.52
		For Solid Pickets, Add	*475.93*	
		For Aluminum With Satin Finish, Add	*584.00*	
		For Third Rail, Add	*151.42*	
		For 1" Square x 14 Gauge Pickets, Add	*201.89*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,321.37	56.85
		For Solid Pickets, Add	*510.13*	
		For Aluminum With Satin Finish, Add	*623.32*	
		For Third Rail, Add	*161.92*	
		For 1" Square x 14 Gauge Pickets, Add	*215.90*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,459.88	63.08
		For Solid Pickets, Add	*539.95*	
		For Aluminum With Satin Finish, Add	*656.81*	
		For Third Rail, Add	*170.97*	
		For 1" Square x 14 Gauge Pickets, Add	*227.95*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,800.84	70.18
		For Solid Pickets, Add	*615.16*	
		For Aluminum With Satin Finish, Add	*750.08*	
		For Third Rail, Add	*195.03*	
		For 1" Square x 14 Gauge Pickets, Add	*260.05*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,106.96	77.85
		For Solid Pickets, Add	*682.38*	
		For Aluminum With Satin Finish, Add	*831.95*	
		For Third Rail, Add	*216.33*	
		For 1" Square x 14 Gauge Pickets, Add	*288.44*	
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,380.19	86.38
		For Solid Pickets, Add	*742.03*	
		For Aluminum With Satin Finish, Add	*903.00*	
		For Third Rail, Add	*235.01*	
		For 1" Square x 14 Gauge Pickets, Add	*313.34*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,625.44	95.97
		For Solid Pickets, Add	*795.16*	
		For Aluminum With Satin Finish, Add	*964.24*	
		For Third Rail, Add	*251.34*	
		For 1" Square x 14 Gauge Pickets, Add	*335.12*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,842.75	106.71
		For Solid Pickets, Add	*841.76*	
		For Aluminum With Satin Finish, Add	*1,015.67*	
		For Third Rail, Add	*265.35*	
		For 1" Square x 14 Gauge Pickets, Add	*353.80*	
32 31 19 00-0106		6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,021.05	24.54
		For Solid Pickets, Add	*224.20*	
		For Aluminum With Satin Finish, Add	*273.09*	
		For Third Rail, Add	*71.04*	
		For 1" Square x 14 Gauge Pickets, Add	*94.72*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,073.50	25.89
		For Solid Pickets, Add	*235.71*	
		For Aluminum With Satin Finish, Add	*287.10*	
		For Third Rail, Add	*74.69*	
		For 1" Square x 14 Gauge Pickets, Add	*99.58*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,126.64	27.32
		For Solid Pickets, Add	*247.33*	
		For Aluminum With Satin Finish, Add	*301.01*	
		For Third Rail, Add	*78.33*	
		For 1" Square x 14 Gauge Pickets, Add	*104.45*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,192.01	29.05
		For Solid Pickets, Add	*261.66*	
		For Aluminum With Satin Finish, Add	*318.34*	
		For Third Rail, Add	*82.86*	
		For 1" Square x 14 Gauge Pickets, Add	*110.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate	1,336.64	35.09
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*292.83*	
		For Aluminum With Satin Finish, Add	*353.54*	
		For Third Rail, Add	*92.34*	
		For 1" Square x 14 Gauge Pickets, Add	*123.12*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate	1,491.02	41.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*326.20*	
		For Aluminum With Satin Finish, Add	*391.65*	
		For Third Rail, Add	*102.55*	
		For 1" Square x 14 Gauge Pickets, Add	*136.73*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,663.87	46.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*363.80*	
		For Aluminum With Satin Finish, Add	*435.74*	
		For Third Rail, Add	*114.22*	
		For 1" Square x 14 Gauge Pickets, Add	*152.29*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,829.91	53.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*399.79*	
		For Aluminum With Satin Finish, Add	*477.36*	
		For Third Rail, Add	*125.31*	
		For 1" Square x 14 Gauge Pickets, Add	*167.08*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate	2,032.89	59.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*444.10*	
		For Aluminum With Satin Finish, Add	*530.06*	
		For Third Rail, Add	*139.16*	
		For 1" Square x 14 Gauge Pickets, Add	*185.55*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	2,010.44	40.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*443.65*	
		For Aluminum With Satin Finish, Add	*550.93*	
		For Third Rail, Add	*142.08*	
		For 1" Square x 14 Gauge Pickets, Add	*189.44*	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	2,127.73	47.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*468.54*	
		For Aluminum With Satin Finish, Add	*577.10*	
		For Third Rail, Add	*149.38*	
		For 1" Square x 14 Gauge Pickets, Add	*199.17*	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,243.96	54.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*493.26*	
		For Aluminum With Satin Finish, Add	*603.42*	
		For Third Rail, Add	*156.67*	
		For 1" Square x 14 Gauge Pickets, Add	*208.89*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,384.59	61.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*523.40*	
		For Aluminum With Satin Finish, Add	*636.60*	
		For Third Rail, Add	*165.71*	
		For 1" Square x 14 Gauge Pickets, Add	*220.95*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,606.91	68.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*571.92*	
		For Aluminum With Satin Finish, Add	*694.27*	
		For Third Rail, Add	*180.89*	
		For 1" Square x 14 Gauge Pickets, Add	*241.18*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	3,058.90	76.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*671.96*	
		For Aluminum With Satin Finish, Add	*819.90*	
		For Third Rail, Add	*213.12*	
		For 1" Square x 14 Gauge Pickets, Add	*284.16*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	3,200.90	84.95
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*702.01*	
		For Aluminum With Satin Finish, Add	*851.12*	
		For Third Rail, Add	*221.88*	
		For 1" Square x 14 Gauge Pickets, Add	*295.83*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	3,514.25	94.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*770.46*	
		For Aluminum With Satin Finish, Add	*932.78*	
		For Third Rail, Add	*243.32*	
		For 1" Square x 14 Gauge Pickets, Add	*324.43*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate	3,801.57	105.17
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*832.81*	
		For Aluminum With Satin Finish, Add	*1,005.21*	
		For Third Rail, Add	*262.58*	
		For 1" Square x 14 Gauge Pickets, Add	*350.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,067.83	117.35
		For Solid Pickets, Add	*890.11*	
		For Aluminum With Satin Finish, Add	*1,069.43*	
		For Third Rail, Add	*279.93*	
		For 1" Square x 14 Gauge Pickets, Add	*373.25*	
32 31 19 00-0126		**7' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,081.55	26.55
		For Solid Pickets, Add	*237.36*	
		For Aluminum With Satin Finish, Add	*288.52*	
		For Third Rail, Add	*75.13*	
		For 1" Square x 14 Gauge Pickets, Add	*100.17*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,136.33	27.99
		For Solid Pickets, Add	*249.37*	
		For Aluminum With Satin Finish, Add	*303.06*	
		For Third Rail, Add	*78.92*	
		For 1" Square x 14 Gauge Pickets, Add	*105.22*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,191.32	29.44
		For Solid Pickets, Add	*261.41*	
		For Aluminum With Satin Finish, Add	*317.57*	
		For Third Rail, Add	*82.71*	
		For 1" Square x 14 Gauge Pickets, Add	*110.28*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,246.38	30.97
		For Solid Pickets, Add	*273.46*	
		For Aluminum With Satin Finish, Add	*332.06*	
		For Third Rail, Add	*86.50*	
		For 1" Square x 14 Gauge Pickets, Add	*115.34*	
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,441.57	37.68
		For Solid Pickets, Add	*315.87*	
		For Aluminum With Satin Finish, Add	*381.56*	
		For Third Rail, Add	*99.63*	
		For 1" Square x 14 Gauge Pickets, Add	*132.84*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,620.23	44.10
		For Solid Pickets, Add	*354.63*	
		For Aluminum With Satin Finish, Add	*426.53*	
		For Third Rail, Add	*111.59*	
		For 1" Square x 14 Gauge Pickets, Add	*148.79*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,749.28	50.72
		For Solid Pickets, Add	*382.16*	
		For Aluminum With Satin Finish, Add	*456.19*	
		For Third Rail, Add	*119.76*	
		For 1" Square x 14 Gauge Pickets, Add	*159.68*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,896.84	57.14
		For Solid Pickets, Add	*413.92*	
		For Aluminum With Satin Finish, Add	*491.82*	
		For Third Rail, Add	*129.39*	
		For 1" Square x 14 Gauge Pickets, Add	*172.52*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,078.40	63.85
		For Solid Pickets, Add	*453.26*	
		For Aluminum With Satin Finish, Add	*537.23*	
		For Third Rail, Add	*141.50*	
		For 1" Square x 14 Gauge Pickets, Add	*188.67*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,127.80	43.53
		For Solid Pickets, Add	*469.42*	
		For Aluminum With Satin Finish, Add	*582.34*	
		For Third Rail, Add	*150.25*	
		For 1" Square x 14 Gauge Pickets, Add	*200.34*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,250.03	50.91
		For Solid Pickets, Add	*495.34*	
		For Aluminum With Satin Finish, Add	*609.52*	
		For Third Rail, Add	*157.84*	
		For 1" Square x 14 Gauge Pickets, Add	*210.45*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,373.32	58.68
		For Solid Pickets, Add	*521.42*	
		For Aluminum With Satin Finish, Add	*636.54*	
		For Third Rail, Add	*165.42*	
		For 1" Square x 14 Gauge Pickets, Add	*220.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,497.50	66.06
		For Solid Pickets, Add	*547.78*	
		For Aluminum With Satin Finish, Add	*664.30*	
		For Third Rail, Add	*173.15*	
		For 1" Square x 14 Gauge Pickets, Add	*230.87*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,813.34	73.83
		For Solid Pickets, Add	*617.18*	
		For Aluminum With Satin Finish, Add	*749.08*	
		For Third Rail, Add	*195.18*	
		For 1" Square x 14 Gauge Pickets, Add	*260.24*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,403.58	82.36
		For Solid Pickets, Add	*748.17*	
		For Aluminum With Satin Finish, Add	*915.24*	
		For Third Rail, Add	*237.63*	
		For 1" Square x 14 Gauge Pickets, Add	*316.84*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,362.04	92.33
		For Solid Pickets, Add	*736.68*	
		For Aluminum With Satin Finish, Add	*889.97*	
		For Third Rail, Add	*232.38*	
		For 1" Square x 14 Gauge Pickets, Add	*309.84*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,641.58	102.97
		For Solid Pickets, Add	*797.29*	
		For Aluminum With Satin Finish, Add	*960.07*	
		For Third Rail, Add	*251.05*	
		For 1" Square x 14 Gauge Pickets, Add	*334.73*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,975.93	115.14
		For Solid Pickets, Add	*869.91*	
		For Aluminum With Satin Finish, Add	*1,044.71*	
		For Third Rail, Add	*273.52*	
		For 1" Square x 14 Gauge Pickets, Add	*364.69*	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,194.77	128.47
		For Solid Pickets, Add	*916.30*	
		For Aluminum With Satin Finish, Add	*1,093.28*	
		For Third Rail, Add	*287.08*	
		For 1" Square x 14 Gauge Pickets, Add	*382.78*	
32 31 19 00-0146		8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,175.49	28.76
		For Solid Pickets, Add	*258.01*	
		For Aluminum With Satin Finish, Add	*313.82*	
		For Third Rail, Add	*81.69*	
		For 1" Square x 14 Gauge Pickets, Add	*108.92*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,232.80	30.30
		For Solid Pickets, Add	*270.55*	
		For Aluminum With Satin Finish, Add	*328.85*	
		For Third Rail, Add	*85.63*	
		For 1" Square x 14 Gauge Pickets, Add	*114.17*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,294.00	31.93
		For Solid Pickets, Add	*283.96*	
		For Aluminum With Satin Finish, Add	*345.05*	
		For Third Rail, Add	*89.86*	
		For 1" Square x 14 Gauge Pickets, Add	*119.81*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,347.82	35.57
		For Solid Pickets, Add	*295.24*	
		For Aluminum With Satin Finish, Add	*356.24*	
		For Third Rail, Add	*93.07*	
		For 1" Square x 14 Gauge Pickets, Add	*124.09*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,595.11	40.26
		For Solid Pickets, Add	*349.84*	
		For Aluminum With Satin Finish, Add	*424.17*	
		For Third Rail, Add	*110.57*	
		For 1" Square x 14 Gauge Pickets, Add	*147.43*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,773.69	48.51
		For Solid Pickets, Add	*388.15*	
		For Aluminum With Satin Finish, Add	*466.53*	
		For Third Rail, Add	*122.10*	
		For 1" Square x 14 Gauge Pickets, Add	*162.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,850.18	56.47
		For Solid Pickets, Add	*403.56*	
		For Aluminum With Satin Finish, Add	*478.69*	
		For Third Rail, Add	*126.04*	
		For 1" Square x 14 Gauge Pickets, Add	*168.05*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,982.09	64.82
		For Solid Pickets, Add	*431.37*	
		For Aluminum With Satin Finish, Add	*507.04*	
		For Third Rail, Add	*134.06*	
		For 1" Square x 14 Gauge Pickets, Add	*178.75*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,096.47	73.15
		For Solid Pickets, Add	*455.24*	
		For Aluminum With Satin Finish, Add	*530.14*	
		For Third Rail, Add	*140.77*	
		For 1" Square x 14 Gauge Pickets, Add	*187.69*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,313.23	46.50
		For Solid Pickets, Add	*510.51*	
		For Aluminum With Satin Finish, Add	*634.17*	
		For Third Rail, Add	*163.53*	
		For 1" Square x 14 Gauge Pickets, Add	*218.03*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,449.56	56.08
		For Solid Pickets, Add	*539.13*	
		For Aluminum With Satin Finish, Add	*662.73*	
		For Third Rail, Add	*171.69*	
		For 1" Square x 14 Gauge Pickets, Add	*228.93*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,582.91	65.29
		For Solid Pickets, Add	*567.15*	
		For Aluminum With Satin Finish, Add	*690.87*	
		For Third Rail, Add	*179.72*	
		For 1" Square x 14 Gauge Pickets, Add	*239.62*	
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,693.97	74.97
		For Solid Pickets, Add	*590.09*	
		For Aluminum With Satin Finish, Add	*711.85*	
		For Third Rail, Add	*185.99*	
		For 1" Square x 14 Gauge Pickets, Add	*247.99*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,131.78	84.56
		For Solid Pickets, Add	*686.54*	
		For Aluminum With Satin Finish, Add	*830.85*	
		For Third Rail, Add	*216.77*	
		For 1" Square x 14 Gauge Pickets, Add	*289.03*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,907.29	95.21
		For Solid Pickets, Add	*858.73*	
		For Aluminum With Satin Finish, Add	*1,049.75*	
		For Third Rail, Add	*272.64*	
		For 1" Square x 14 Gauge Pickets, Add	*363.52*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,564.78	107.38
		For Solid Pickets, Add	*779.06*	
		For Aluminum With Satin Finish, Add	*931.33*	
		For Third Rail, Add	*244.34*	
		For 1" Square x 14 Gauge Pickets, Add	*325.79*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,814.91	121.48
		For Solid Pickets, Add	*832.33*	
		For Aluminum With Satin Finish, Add	*988.34*	
		For Third Rail, Add	*260.10*	
		For 1" Square x 14 Gauge Pickets, Add	*346.79*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,203.47	136.91
		For Solid Pickets, Add	*916.44*	
		For Aluminum With Satin Finish, Add	*1,084.97*	
		For Third Rail, Add	*285.92*	
		For 1" Square x 14 Gauge Pickets, Add	*381.22*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,284.16	154.27
		For Solid Pickets, Add	*930.87*	
		For Aluminum With Satin Finish, Add	*1,086.87*	
		For Third Rail, Add	*288.25*	
		For 1" Square x 14 Gauge Pickets, Add	*384.33*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	27.29	
		For 1" Square x 14 Gauge Pickets, Add	*0.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0168		Removal And Reinstallation Of Ornamental Fences *(32 31 19)* Note: Including storage and cleaning. Excludes augering and concrete.		
32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	43.15	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	47.46	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	51.78	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	56.08	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	60.40	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	64.71	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	71.91	
32 31 23		**Plastic Fences and Gates** *(32 31)*		
32 31 23 00-0001		Vinyl Fence *(32 31 23)*		
32 31 23 00-0002		Privacy Tongue And Groove Vinyl Fence *(32 31 23 00-0001)* Note: With 1-1/2" x 5-1/2" top and bottom rails, 5" x 5" posts installed 7' centers. Post includes flat cap.		
32 31 23 00-0003	LF	3' High Privacy Tongue And Groove Vinyl Fence	51.65	4.66
32 31 23 00-0004	LF	4' High Privacy Tongue And Groove Vinyl Fence	57.71	5.60
32 31 23 00-0005	LF	5' High Privacy Tongue And Groove Vinyl Fence	64.31	6.52
32 31 23 00-0006	LF	6' High Privacy Tongue And Groove Vinyl Fence	70.77	7.46
32 31 23 00-0007		Semi-Privacy 6" Picket Vinyl Fence *(32 31 23 00-0001)* Note: With 1-1/2" x 5-1/2" top and bottom rails, 2" x 3-1/2" mid rail, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0008	LF	5' High Semi-Privacy 6" Picket Vinyl Fence	69.08	6.52
32 31 23 00-0009	LF	6' High Semi-Privacy 6" Picket Vinyl Fence	75.59	7.46
32 31 23 00-0010		Picket Straight Top Vinyl Fence *(32 31 23 00-0001)* Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0011	LF	3' High Picket Straight Top Vinyl Fence	47.44	4.66
32 31 23 00-0012	LF	4' High Picket Straight Top Vinyl Fence	53.72	5.60
32 31 23 00-0013	LF	5' High Picket Straight Top Vinyl Fence	61.53	6.52
32 31 23 00-0014	LF	6' High Picket Straight Top Vinyl Fence	68.04	7.46
32 31 23 00-0015		Picket Scalloped Top Vinyl Fence *(32 31 23 00-0001)* Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0016	LF	3' High Picket Scalloped Top Vinyl Fence	52.85	4.66
32 31 23 00-0017	LF	4' High Picket Scalloped Top Vinyl Fence	59.30	5.60
32 31 23 00-0018	LF	5' High Picket Scalloped Top Vinyl Fence	66.74	6.52
32 31 23 00-0019	LF	6' High Picket Scalloped Top Vinyl Fence	73.42	7.46
32 31 23 00-0020		Post And Rail Vinyl Fence, Ranch Style *(32 31 23 00-0001)* Note: With 1-1/2" x 5-1/2" rails, 5" x 5" posts installed 8' centers. Post includes flat cap.		
32 31 23 00-0021	LF	5' High, 2 Rail, Post And Rail Vinyl Fence	17.88	4.66
32 31 23 00-0022	LF	6-1/2' High, 3 Rail, Post And Rail Vinyl Fence	23.13	5.60
32 31 23 00-0023	LF	7' High, 4 Rail, Post And Rail Vinyl Fence	26.83	6.06
32 31 23 00-0024		Post, Rails And Pickets (Traditional Style) Vinyl Fence *(32 31 23 00-0001)* Note: With top and bottom 3" x 3" rails, 5" x 5" posts and 1-1/2" x 1-1/2" pickets. Post includes flat cap.		
32 31 23 00-0025	LF	3' High Rail And Picket Vinyl Fence, 72" On Center Posts	62.04	5.12
32 31 23 00-0026	LF	4' High Rail And Picket Vinyl Fence, 72" On Center Posts	67.56	6.06
32 31 23 00-0027	LF	3' High Rail And Picket Vinyl Fence, 96" On Center Posts	58.62	4.66
32 31 23 00-0028	LF	4' High Rail And Picket Vinyl Fence, 96" On Center Posts	63.50	5.60
32 31 23 00-0029		Vinyl Gates *(32 31 23)*		
32 31 23 00-0030		Gates For Privacy And Semi-Privacy Fences *(32 31 23 00-0029)* Note: Includes hinges.		
32 31 23 00-0031		3' High Gates For Privacy And Semi-Privacy Fences *(32 31 23 00-0030)*		
32 31 23 00-0032	EA	3' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	573.82	46.61
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0033	EA	3' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	609.14	48.94
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0034	EA	3' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	669.52	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0035	EA	3' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	752.18	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 23 00-0036 4' High Gates For Privacy And Semi-Privacy Fences *(32 31 23 00-0030)*

32 31 23 00-0037	EA	4' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	609.14	48.94
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0038	EA	4' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	630.52	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0039	EA	4' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	702.03	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0040	EA	4' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	826.49	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0041 5' High Gates For Privacy And Semi-Privacy Fences *(32 31 23 00-0030)*

32 31 23 00-0042	EA	5' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	630.52	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0043	EA	5' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	657.45	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0044	EA	5' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	756.84	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0045	EA	5' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	886.89	58.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0046 6' High Gates For Privacy And Semi-Privacy Fences *(32 31 23 00-0030)*

32 31 23 00-0047	EA	6' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	662.11	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0048	EA	6' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	689.07	58.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0049	EA	6' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	835.82	60.59
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0050	EA	6' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	924.07	60.59
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0051 Gates For Picket Fences *(32 31 23 00-0029)*

Note: Includes hinges.

32 31 23 00-0052 3' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0053	EA	3' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	548.75	46.61
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0054	EA	3' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	570.13	48.94
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0055	EA	3' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	641.66	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0056	EA	3' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	766.11	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0057 4' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0058	EA	4' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	553.42	48.94
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0059	EA	4' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	574.79	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0060	EA	4' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	646.31	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0061	EA	4' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	770.77	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0062 5' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0063	EA	5' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	574.79	51.27
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0064	EA	5' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	601.73	53.60
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0065	EA	5' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	701.12	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0066	EA	5' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	831.16	58.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0067		6' High Gates For Picket Fences *(32 31 23 00-0051)*		
32 31 23 00-0068	EA	6' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	606.39	55.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0069	EA	6' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	633.35	58.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0070	EA	6' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	780.10	60.59
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0071	EA	6' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	868.35	62.93
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0072		Gates Accessories *(32 31 23 00-0029)*		
32 31 23 00-0073	EA	Gate Stop/Drop Rod	123.59	
32 31 23 00-0074	EA	Latch Set	83.19	
32 31 23 00-0075	EA	Stainless Steel Latch Set	123.59	
32 31 26		**Wire Fences and Gates** *(32 31)*		
32 31 26 13		**Wire Fences with Steel Posts** *(32 31 26)*		
32 31 26 13-0001		Chicken Wire *(32 31 26 13)*		
		Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	7.84	1.66
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	8.55	1.66
32 31 26 13-0004		Wire And Screen *(32 31 26 13)*		
32 31 26 13-0005		Wire And Screen For Partitions And Fences *(32 31 26 13-0004)*		
		Note: Excludes framing and post.		
32 31 26 13-0006		Screen Wire *(32 31 26 13-0005)*		
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	11.34	0.94
32 31 26 13-0008		Hog Wire *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	1.96	0.75
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.05	0.85
32 31 26 13-0011		Non-Climb Horse Fence *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	9.11	3.01
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	11.74	3.76
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	14.83	4.51
32 31 26 13-0015		Screen For Partitions And Ceilings *(32 31 26 13-0004)*		
		Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	1.97	0.53
32 31 26 13-0017		Wicket Fence *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	74.51	4.95
32 31 29		**Wood Fences and Gates** *(32 31)*		
		See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		Basket Weave *(32 31 29)*		
		Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	40.04	3.31
		For Fastening With Screws Instead Of Nails, Add	*2.35*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	26.45	3.31
		For Fastening With Screws Instead Of Nails, Add	*1.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0004		**Board Fence** *(32 31 29)* Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	26.64	3.31
		For 1" x 6" Boards, Deduct	*-2.75*	
		For 1" x 3" Boards (Stockade Top), Add	*3.40*	
		For Fastening With Screws Instead Of Nails, Add	*1.71*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	29.68	3.31
		For 1" x 6" Boards, Deduct	*-2.99*	
		For 1" x 3" Boards (Stockade Top), Add	*3.68*	
		For Fastening With Screws Instead Of Nails, Add	*1.89*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	33.24	3.31
		For 1" x 6" Boards, Deduct	*-3.21*	
		For 1" x 3" Boards (Stockade Top), Add	*3.90*	
		For Fastening With Screws Instead Of Nails, Add	*2.09*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	35.54	3.31
		For 1" x 6" Boards, Deduct	*-3.37*	
		For 1" x 3" Boards (Stockade Top), Add	*4.08*	
		For Fastening With Screws Instead Of Nails, Add	*2.22*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	38.01	3.31
		For 1" x 6" Boards, Deduct	*-3.55*	
		For 1" x 3" Boards (Stockade Top), Add	*4.27*	
		For Fastening With Screws Instead Of Nails, Add	*2.36*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	28.55	3.31
		For 1" x 6" Boards, Deduct	*-2.82*	
		For 1" x 3" Boards (Stockade Top), Add	*3.46*	
		For Fastening With Screws Instead Of Nails, Add	*1.81*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	31.16	3.31
		For 1" x 6" Boards, Deduct	*-3.05*	
		For 1" x 3" Boards (Stockade Top), Add	*3.73*	
		For Fastening With Screws Instead Of Nails, Add	*1.97*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	33.24	3.31
		For 1" x 6" Boards, Deduct	*-3.21*	
		For 1" x 3" Boards (Stockade Top), Add	*3.90*	
		For Fastening With Screws Instead Of Nails, Add	*2.09*	
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	35.54	3.31
		For 1" x 6" Boards, Deduct	*-3.37*	
		For 1" x 3" Boards (Stockade Top), Add	*4.08*	
		For Fastening With Screws Instead Of Nails, Add	*2.22*	
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	38.01	3.31
		For 1" x 6" Boards, Deduct	*-3.55*	
		For 1" x 3" Boards (Stockade Top), Add	*4.27*	
		For Fastening With Screws Instead Of Nails, Add	*2.36*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	28.56	3.31
		For 1" x 6" Boards, Deduct	*-2.82*	
		For 1" x 3" Boards (Stockade Top), Add	*3.46*	
		For Fastening With Screws Instead Of Nails, Add	*1.81*	
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	37.69	3.31
		For 1" x 6" Boards, Deduct	*-3.31*	
		For 1" x 3" Boards (Stockade Top), Add	*3.92*	
		For Fastening With Screws Instead Of Nails, Add	*2.30*	
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	39.51	3.31
		For 1" x 6" Boards, Deduct	*-3.46*	
		For 1" x 3" Boards (Stockade Top), Add	*4.08*	
		For Fastening With Screws Instead Of Nails, Add	*2.40*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	42.55	3.31
		For 1" x 6" Boards, Deduct	*-3.65*	
		For 1" x 3" Boards (Stockade Top), Add	*4.29*	
		For Fastening With Screws Instead Of Nails, Add	*2.57*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	45.82	3.31
		For 1" x 6" Boards, Deduct	*-3.86*	
		For 1" x 3" Boards (Stockade Top), Add	*4.50*	
		For Fastening With Screws Instead Of Nails, Add	*2.75*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)* Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	54.08	3.31
		For Fastening With Screws Instead Of Nails, Add	*3.05*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	67.91	3.31
		For Fastening With Screws Instead Of Nails, Add	*3.81*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	73.96	3.31
		For Fastening With Screws Instead Of Nails, Add	*4.12*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	79.47	3.31
		For Fastening With Screws Instead Of Nails, Add	*4.43*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	26.37	3.31
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	20.48	3.31
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	31.30	3.31
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	22.12	3.31

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*			
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar		24.85	3.31
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar		20.41	3.31
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar		28.41	3.31
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar		22.98	3.31
32 31 29 00-0036		**Picket Fence** *(32 31 29)*			
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated		26.71	3.31
		For Fastening With Screws Instead Of Nails, Add		*1.73*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar		25.17	3.31
		For Fastening With Screws Instead Of Nails, Add		*1.65*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*			
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap		42.47	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap		47.70	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap		51.91	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap		77.07	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*			
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*			
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).			
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		401.41	117.79
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		445.39	124.85
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		498.80	136.63
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		569.32	143.70
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		639.83	150.76
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		509.96	155.48
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		557.27	162.54
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		604.56	169.61
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		685.04	176.67
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		748.92	183.75
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)*			
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)			
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		655.17	103.70
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		677.56	109.93
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		711.58	120.29
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		750.55	126.51
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		799.47	132.74
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		771.29	136.89
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		800.31	143.10
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		845.93	149.33
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		891.54	155.55
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		937.15	161.77
32 31 29 00-0067		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0044)*			
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)			
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		704.92	103.70
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		733.94	109.93
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		771.28	120.29
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		816.89	126.51
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		862.49	132.74
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		837.63	136.89
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		866.65	143.10
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		912.27	149.33
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		957.88	155.55
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware		1,020.07	161.77
32 31 29 00-0078		**Pressure Treated Wood Fence Posts** *(32 31 29)*			
		See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.			
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill		38.04	11.78
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill		43.29	11.78
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete		66.46	22.62
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete		72.42	22.62
32 31 29 00-0083		**Wood Utility Pole Fence** *(32 31 29)*			
		Note: Excludes post holes. See CSI section 32 31 13 13-0001 for drilling augering and backfill.			
32 31 29 00-0084	LF	Wood Utility Pole Barrier Fence		50.52	3.31
		Note: Includes notching post, drilling and pinned with #5 rebar.			

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0085		Wood Rail Fence *(32 31 29)* Note: 3" diameter treated lodgepole pine rails, 6" diameter treated lodgepole pine post. Posts at 8' centers. Excludes post holes and fill			
32 31 29 00-0086	LF	4' Above Ground Wood Rail Fence, 3 - 3" Diameter Treated Lodgepole Pine Rails, 6" Diameter, 6' Overall Treated Lodgepole Pine Post		25.87	3.31

32 31 34 Tubular Barrier Gates *(32 31)*

32 31 34 00-0001 Tube Gate *(32 31 34)*
See CSI section 32 31 13 13-0001 for augering post holes and concrete fill, 32 31 13 13-0630 for gate accessories.

32 31 34 00-0002 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate *(32 31 34 00-0001)*
Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering, concrete, bollard and chain.

32 31 34 00-0003	EA	4' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		191.67	25.89
		For 13 Gauge Tubing, Add		*30.66*	
		For Galvanized Finish, Add		*17.25*	
32 31 34 00-0004	EA	6' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		249.17	33.55
		For 13 Gauge Tubing, Add		*39.77*	
		For Galvanized Finish, Add		*22.28*	
32 31 34 00-0005	EA	8' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		335.88	43.15
		For 13 Gauge Tubing, Add		*54.23*	
		For Galvanized Finish, Add		*30.97*	
32 31 34 00-0006	EA	10' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		388.06	53.69
		For 13 Gauge Tubing, Add		*61.31*	
		For Galvanized Finish, Add		*33.76*	
32 31 34 00-0007	EA	12' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		460.29	63.85
		For 13 Gauge Tubing, Add		*72.88*	
		For Galvanized Finish, Add		*40.28*	
32 31 34 00-0008	EA	14' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		502.88	71.91
		For 13 Gauge Tubing, Add		*79.00*	
		For Galvanized Finish, Add		*43.07*	
32 31 34 00-0009	EA	16' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate		590.24	82.94
		For 13 Gauge Tubing, Add		*93.12*	
		For Galvanized Finish, Add		*51.15*	

32 31 34 00-0010 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate *(32 31 34 00-0001)*
Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.

32 31 34 00-0011	EA	4' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		249.46	25.89
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*69.10*	
32 31 34 00-0012	EA	6' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		298.94	33.55
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*79.31*	
32 31 34 00-0013	EA	8' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		357.68	43.15
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*91.30*	
32 31 34 00-0014	EA	10' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		412.89	53.69
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*99.96*	
32 31 34 00-0015	EA	12' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		468.61	63.85
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*110.74*	
32 31 34 00-0016	EA	14' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		519.31	71.91
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*121.44*	
32 31 34 00-0017	EA	16' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		580.50	82.94
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*132.49*	
32 31 34 00-0018	EA	18' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		666.81	93.33
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*153.59*	
32 31 34 00-0019	EA	20' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		741.49	104.41
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*181.54*	

32 31 34 00-0020 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate *(32 31 34 00-0001)*
Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.

32 31 34 00-0021	EA	4' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		269.70	25.89
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*77.20*	
32 31 34 00-0022	EA	6' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		318.84	33.55
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*87.27*	
32 31 34 00-0023	EA	8' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		371.18	43.15
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*96.70*	
32 31 34 00-0024	EA	10' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		432.56	53.69
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*107.83*	
32 31 34 00-0025	EA	12' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		482.84	63.85
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*116.44*	
32 31 34 00-0026	EA	14' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		552.52	71.91
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*134.72*	
32 31 34 00-0027	EA	16' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		616.56	82.94
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*146.92*	
32 31 34 00-0028	EA	18' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate		721.83	93.33
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add		*175.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 34 00-0029	EA	20' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	790.97	104.41
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*201.34*	
32 31 34 00-0030		**Tubular Steel Barrier Gate (Triangular Shape)** *(32 31 34 00-0001)*		
		Note: Includes posts, caps, welded hinges and lock keeper. Excludes augering, concrete, and bollards.		
32 31 34 00-0031	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	1,913.39	53.69
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*616.24*	
32 31 34 00-0032	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,077.93	63.85
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*660.75*	
32 31 34 00-0033	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,459.10	71.91
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*794.04*	
32 31 34 00-0034	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	1,984.33	53.69
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*644.35*	
32 31 34 00-0035	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,158.99	63.85
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*692.88*	
32 31 34 00-0036	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,540.17	71.91
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*826.17*	
32 31 34 00-0037		**Four Rail Tube Gate, 1-1/2" Diameter Welded Galvanized Steel Tubing** *(32 31 34 00-0001)*		
		Note: Excludes augering holes and concrete.		
32 31 34 00-0038	EA	4' Four Rail Metal Frame Tube Gate, 1-1/2" Diameter Welded Galvanized Steel With Posts	438.83	25.89
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*37.47*	
32 31 34 00-0039		**Tubular Horse Gate** *(32 31 34 00-0001)*		
		Note: Includes posts, caps and hardware. Treated with Natina (or Equal) galvanized surface stain "rustic brown finish". Excludes augering holes and concrete.		
32 31 34 00-0040	EA	5-1/2' Above Ground, 5' Wide Tubular Galvanized Steel Horse Gate With 3" Diameter Posts	3,557.06	25.89
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*1,058.50*	
32 31 34 00-0041		**Pipe Gate** *(32 31 34)*		
		Note: Excludes augering and concrete. See CSI section 32 31 13 13-0001 for augering post holes and concrete fill.		
32 31 34 00-0042	EA	20' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	3,800.42	
32 31 34 00-0043	EA	25' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	4,754.39	
32 31 34 00-0044	EA	30' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	5,666.58	
32 31 41		**Precast Concrete Fences** *(32 31)*		
32 31 41 00-0001		**Precast Post And Rail Fence, Ranch Style, With Integral Color Concrete.** *(32 31 41)*		
		Note: Includes post holes, fill, spreading of excess material on site. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 41 00-0002	LF	Precast Post And Rail Fence With Integral Color Concrete, 2 Rails, 3' Above Ground With 2' Bury	64.41	3.31
		Note: Includes 12" diameter holes with concrete fill for line posts and 18" diameter holes with concrete fill at corners.		
32 31 56		**Wild Life Deterrent Fence** *(32 31)*		
32 31 56 00-0001		**Barbed Wire Fences** *(32 31 56)*		
		Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		**Fence Posts** *(32 31 56 00-0001)*		
32 31 56 00-0003		**Fence Post Soil, Set In Concrete** *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	93.36	7.67
		For Bracing On Corner Post, End Post And Pull Post, Add	*150.48*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	125.30	7.67
		For Bracing On Corner Post, End Post And Pull Post, Add	*203.82*	
32 31 56 00-0006		**Post In Rock** *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	91.67	7.67
		For Bracing On Corner Post, End Post And Pull Post, Add	*147.94*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	123.61	7.67
		For Bracing On Corner Post, End Post And Pull Post, Add	*201.28*	
32 31 56 00-0009		**Studded Steel T-Posts, Enamel Paint Finish** *(32 31 56 00-0001)*		
		Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	24.51	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	25.11	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	26.27	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	27.44	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	28.98	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	32.69	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	39.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 56 00-0017		Barbed Wire *(32 31 56 00-0001)*		
		Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.85	0.38
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	0.98	0.38
32 31 56 00-0020		Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 56 00-0001)*		
		Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	11.08	2.49

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	345.63	126.87
		For >3:1 Sloped Soil At Top, Add	*7.82*	
32 32 13 00-0002	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	431.09	156.11
		For >3:1 Sloped Soil At Top, Add	*10.10*	
32 32 13 00-0003	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	469.52	168.39
		For >3:1 Sloped Soil At Top, Add	*11.28*	
32 32 13 00-0004	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	597.88	208.20
		For >3:1 Sloped Soil At Top, Add	*15.43*	
32 32 13 00-0005	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	689.03	239.15
		For >3:1 Sloped Soil At Top, Add	*17.90*	
32 32 13 00-0006	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	996.94	350.84
		For >3:1 Sloped Soil At Top, Add	*25.10*	
32 32 13 00-0007	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,368.70	484.36
		For >3:1 Sloped Soil At Top, Add	*33.99*	
32 32 13 00-0008	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	379.79	138.55
		For >3:1 Sloped Soil At Top, Add	*8.73*	
32 32 13 00-0009	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	464.79	166.94
		For >3:1 Sloped Soil At Top, Add	*11.14*	
32 32 13 00-0010	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	492.07	174.19
		For >3:1 Sloped Soil At Top, Add	*12.21*	
32 32 13 00-0011	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	676.72	233.44
		For >3:1 Sloped Soil At Top, Add	*17.83*	
32 32 13 00-0012	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	858.18	299.86
		For >3:1 Sloped Soil At Top, Add	*21.97*	
32 32 13 00-0013	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,287.00	454.52
		For >3:1 Sloped Soil At Top, Add	*32.13*	
32 32 13 00-0014	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,816.34	641.58
		For >3:1 Sloped Soil At Top, Add	*45.32*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	88.77	12.30
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	91.36	9.89
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	94.90	8.24
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	102.67	8.24
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	108.74	7.03

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	58.50	7.66
		For >3:1 Sloped Soil At Top, Add	*3.67*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	61.72	8.06
		For >3:1 Sloped Soil At Top, Add	*3.88*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	64.36	8.86
		For >3:1 Sloped Soil At Top, Add	*3.96*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	67.16	9.67
		For >3:1 Sloped Soil At Top, Add	*4.06*	

32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	60.76	7.66
		For >3:1 Sloped Soil At Top, Add	*3.86*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	63.98	8.06
		For >3:1 Sloped Soil At Top, Add	*4.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	66.62	8.86
		For >3:1 Sloped Soil At Top, Add	*4.16*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	69.42	9.67
		For >3:1 Sloped Soil At Top, Add	*4.26*	
32 32 23 13-0012		"Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	66.15	7.66
		For >3:1 Sloped Soil At Top, Add	*4.32*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	69.37	8.06
		For >3:1 Sloped Soil At Top, Add	*4.53*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	72.01	8.86
		For >3:1 Sloped Soil At Top, Add	*4.61*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	74.81	9.67
		For >3:1 Sloped Soil At Top, Add	*4.71*	
32 32 23 13-0017		"Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	58.50	7.66
		For >3:1 Sloped Soil At Top, Add	*3.67*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	61.72	8.06
		For >3:1 Sloped Soil At Top, Add	*3.88*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	64.36	8.86
		For >3:1 Sloped Soil At Top, Add	*3.96*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	67.16	9.67
		For >3:1 Sloped Soil At Top, Add	*4.06*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0022		"Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	51.65	7.66
		For >3:1 Sloped Soil At Top, Add	*3.09*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	57.13	8.06
		For >3:1 Sloped Soil At Top, Add	*3.49*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	59.81	8.86
		For >3:1 Sloped Soil At Top, Add	*3.58*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	62.18	9.67
		For >3:1 Sloped Soil At Top, Add	*3.64*	
32 32 23 13-0027		Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*		
		Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	29.98	
		For >3:1 Sloped Soil At Top, Add	*1.60*	
32 32 26		**Metal Crib Retaining Walls** *(32 32)*		
32 32 26 00-0001		Bin Type Retaining Wall *(32 32 26)*		
32 32 26 00-0002		Vertical Bin Walls *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0003	SF	5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	69.34	
32 32 26 00-0004	SF	7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	82.29	
32 32 26 00-0005	SF	9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	95.90	
32 32 26 00-0006	SF	12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	103.67	
32 32 26 00-0007	SF	14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	115.77	
32 32 26 00-0008	SF	16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	123.54	
32 32 26 00-0009		Battered Bin Walls *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0010	SF	5.5' Battered Bin Retain Wall, Wall Heights To 11'	61.50	
32 32 26 00-0011	SF	7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	66.68	
32 32 26 00-0012	SF	9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	75.02	
32 32 26 00-0013	SF	12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	84.09	
32 32 26 00-0014	SF	14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	98.41	
32 32 26 00-0015	SF	16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	101.00	
32 32 26 00-0016		Aluminized Steel Bin *(32 32 26)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0017	SF	4' High, 5.5' Deep Aluminized Steel Bin	45.42	4.65
		For >3:1 Sloped Soil At Top, Add	*3.07*	
		For Galvanized Type, Deduct	*-3.61*	
32 32 26 00-0018	SF	8' High, 5.5' Deep Aluminized Steel Bin	51.00	4.65
		For >3:1 Sloped Soil At Top, Add	*3.54*	
		For Galvanized Type, Deduct	*-4.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 26 00-0019	SF	10' High, 7.7' Deep Aluminized Steel Bin	54.45	5.09
		For >3:1 Sloped Soil At Top, Add	*3.77*	
		For Galvanized Type, Deduct	*-4.43*	
32 32 26 00-0020	SF	12' High, 7.7' Deep Aluminized Steel Bin	62.04	5.74
		For >3:1 Sloped Soil At Top, Add	*4.30*	
		For Galvanized Type, Deduct	*-5.06*	
32 32 26 00-0021	SF	16' High, 7.7' Deep Aluminized Steel Bin	59.64	5.96
		For >3:1 Sloped Soil At Top, Add	*4.07*	
		For Galvanized Type, Deduct	*-4.78*	
32 32 26 00-0022	SF	16' High, 9.9' Deep Aluminized Steel Bin	66.62	6.06
		For >3:1 Sloped Soil At Top, Add	*4.64*	
		For Galvanized Type, Deduct	*-5.46*	
32 32 26 00-0023	SF	20' High, 9.9' Deep Aluminized Steel Bin	73.98	6.38
		For >3:1 Sloped Soil At Top, Add	*5.19*	
		For Galvanized Type, Deduct	*-6.11*	
32 32 26 00-0024	SF	20' High, 12.1' Deep Aluminized Steel Bin	75.72	6.71
		For >3:1 Sloped Soil At Top, Add	*5.30*	
		For Galvanized Type, Deduct	*-6.24*	
32 32 26 00-0025	SF	24' High, 12.1' Deep Aluminized Steel Bin	79.74	6.71
		For >3:1 Sloped Soil At Top, Add	*5.64*	
		For Galvanized Type, Deduct	*-6.63*	
32 32 26 00-0026	SF	24' High, 14.3' Deep Aluminized Steel Bin	83.74	6.82
		For >3:1 Sloped Soil At Top, Add	*5.97*	
		For Galvanized Type, Deduct	*-7.02*	
32 32 26 00-0027	SF	28' High, 14.3' Deep Aluminized Steel Bin	86.57	6.93
		For >3:1 Sloped Soil At Top, Add	*6.19*	
		For Galvanized Type, Deduct	*-7.28*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	98.49	25.00
		For >3:1 Sloped Soil At Top, Add	*4.13*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	192.58	48.94
		For >3:1 Sloped Soil At Top, Add	*8.05*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	92.29	25.00
		For >3:1 Sloped Soil At Top, Add	*3.60*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	180.52	48.94
		For >3:1 Sloped Soil At Top, Add	*7.03*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	89.55	21.84
		For >3:1 Sloped Soil At Top, Add	*3.89*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	175.42	42.71
		For >3:1 Sloped Soil At Top, Add	*7.64*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	79.79	19.38
		For >3:1 Sloped Soil At Top, Add	*3.49*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	144.25	35.08
		For >3:1 Sloped Soil At Top, Add	*6.30*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	277.07	59.29
		For >3:1 Sloped Soil At Top, Add	*13.47*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	549.34	116.21
		For >3:1 Sloped Soil At Top, Add	*26.95*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	270.18	59.29
		For >3:1 Sloped Soil At Top, Add	*12.89*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	532.11	116.21
		For >3:1 Sloped Soil At Top, Add	*25.48*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	242.27	48.16
		For >3:1 Sloped Soil At Top, Add	*12.40*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	482.07	95.08
		For >3:1 Sloped Soil At Top, Add	*24.81*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	195.95	38.50
		For >3:1 Sloped Soil At Top, Add	*10.10*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	386.70	75.34
		For >3:1 Sloped Soil At Top, Add	*20.06*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	729.09	128.49
		For >3:1 Sloped Soil At Top, Add	*40.12*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,365.24	239.88
		For >3:1 Sloped Soil At Top, Add	*75.27*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	694.64	128.49
		For >3:1 Sloped Soil At Top, Add	*37.20*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,299.77	239.88
		For >3:1 Sloped Soil At Top, Add	*69.71*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	642.63	148.23
		For >3:1 Sloped Soil At Top, Add	*29.42*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,198.43	276.80
		For >3:1 Sloped Soil At Top, Add	*54.81*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	523.87	119.81
		For >3:1 Sloped Soil At Top, Add	*24.16*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	971.61	222.25
		For >3:1 Sloped Soil At Top, Add	*44.81*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	184.97	49.38
		For >3:1 Sloped Soil At Top, Add	*7.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	275.74	74.11
		For >3:1 Sloped Soil At Top, Add	*10.84*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	366.42	98.76
		For >3:1 Sloped Soil At Top, Add	*14.35*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	140.26	27.89
		For >3:1 Sloped Soil At Top, Add	*7.18*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	204.58	40.25
		For >3:1 Sloped Soil At Top, Add	*10.54*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	277.54	54.38
		For >3:1 Sloped Soil At Top, Add	*14.35*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	92.19	14.82
		For >3:1 Sloped Soil At Top, Add	*5.32*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	135.07	25.34
		For >3:1 Sloped Soil At Top, Add	*7.18*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	181.87	31.49
		For >3:1 Sloped Soil At Top, Add	*10.10*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	252.87	44.64
		For >3:1 Sloped Soil At Top, Add	*13.91*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	331.46	58.06
		For >3:1 Sloped Soil At Top, Add	*18.30*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	691.51	114.89
		For >3:1 Sloped Soil At Top, Add	*39.25*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	788.55	127.27
		For >3:1 Sloped Soil At Top, Add	*45.40*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	92.56	15.44
		For >3:1 Sloped Soil At Top, Add	*5.24*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	161.67	27.45
		For >3:1 Sloped Soil At Top, Add	*9.08*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	158.95	26.93
		For >3:1 Sloped Soil At Top, Add	*8.93*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	220.33	38.68
		For >3:1 Sloped Soil At Top, Add	*12.15*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	338.89	61.75
		For >3:1 Sloped Soil At Top, Add	*18.30*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	272.33	47.45
		For >3:1 Sloped Soil At Top, Add	*15.08*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	716.07	118.59
		For >3:1 Sloped Soil At Top, Add	*40.71*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	92.39	28.51
		For >3:1 Sloped Soil At Top, Add	*3.00*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	135.67	40.52
		For >3:1 Sloped Soil At Top, Add	*4.64*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	205.93	55.61
		For >3:1 Sloped Soil At Top, Add	*8.05*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	372.08	93.84
		For >3:1 Sloped Soil At Top, Add	*15.67*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	380.70	93.84
		For >3:1 Sloped Soil At Top, Add	*16.40*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	352.64	90.16
		For >3:1 Sloped Soil At Top, Add	*14.64*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	842.05	207.43
		For >3:1 Sloped Soil At Top, Add	*36.32*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	92.39	28.51
		For >3:1 Sloped Soil At Top, Add	*3.00*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	135.67	40.52
		For >3:1 Sloped Soil At Top, Add	*4.64*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	205.93	55.61
		For >3:1 Sloped Soil At Top, Add	*8.05*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	260.66	69.21
		For >3:1 Sloped Soil At Top, Add	*10.40*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	372.08	93.84
		For >3:1 Sloped Soil At Top, Add	*15.67*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	352.64	90.16
		For >3:1 Sloped Soil At Top, Add	*14.64*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	842.05	207.43
		For >3:1 Sloped Soil At Top, Add	*36.32*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	143.48	30.35
		For >3:1 Sloped Soil At Top, Add	*7.03*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	327.85	69.21
		For >3:1 Sloped Soil At Top, Add	*16.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	490.11	103.76
		For >3:1 Sloped Soil At Top, Add	*24.02*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	505.19	88.94
		For >3:1 Sloped Soil At Top, Add	*27.82*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	759.62	133.40
		For >3:1 Sloped Soil At Top, Add	*41.88*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	1,005.46	175.42
		For >3:1 Sloped Soil At Top, Add	*55.65*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	140.03	30.35
		For >3:1 Sloped Soil At Top, Add	*6.74*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	317.51	69.21
		For >3:1 Sloped Soil At Top, Add	*15.23*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	476.33	103.76
		For >3:1 Sloped Soil At Top, Add	*22.84*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	481.07	88.94
		For >3:1 Sloped Soil At Top, Add	*25.77*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	725.16	133.40
		For >3:1 Sloped Soil At Top, Add	*38.95*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	957.22	175.42
		For >3:1 Sloped Soil At Top, Add	*51.55*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	139.29	40.25
		For >3:1 Sloped Soil At Top, Add	*4.99*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	317.97	92.62
		For >3:1 Sloped Soil At Top, Add	*11.28*	
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	472.32	137.09
		For >3:1 Sloped Soil At Top, Add	*16.84*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	638.31	186.46
		For >3:1 Sloped Soil At Top, Add	*22.55*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	929.17	271.63
		For >3:1 Sloped Soil At Top, Add	*32.80*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,233.70	360.13
		For >3:1 Sloped Soil At Top, Add	*43.64*	

32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	127.86	25.08
		For >3:1 Sloped Soil At Top, Add	*6.60*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	291.09	56.84
		For >3:1 Sloped Soil At Top, Add	*15.08*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	435.77	85.25
		For >3:1 Sloped Soil At Top, Add	*22.55*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	447.90	102.53
		For >3:1 Sloped Soil At Top, Add	*20.65*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	675.06	153.23
		For >3:1 Sloped Soil At Top, Add	*31.34*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	893.28	203.75
		For >3:1 Sloped Soil At Top, Add	*41.30*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	410.00	181.42
		For >3:1 Sloped Soil At Top, Add	*4.00*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	483.18	215.84
		For >3:1 Sloped Soil At Top, Add	*4.37*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	633.73	286.76
		For >3:1 Sloped Soil At Top, Add	*5.12*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	974.53	448.35
		For >3:1 Sloped Soil At Top, Add	*6.61*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,265.04	586.50
		For >3:1 Sloped Soil At Top, Add	*7.82*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,569.19	730.36
		For >3:1 Sloped Soil At Top, Add	*9.22*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	368.34	160.63
		For >3:1 Sloped Soil At Top, Add	*4.00*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	431.60	190.05
		For >3:1 Sloped Soil At Top, Add	*4.37*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	557.59	248.63
		For >3:1 Sloped Soil At Top, Add	*5.12*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	851.97	387.10
		For >3:1 Sloped Soil At Top, Add	*6.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,093.13	500.59
		For >3:1 Sloped Soil At Top, Add	*7.82*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,357.14	624.38
		For >3:1 Sloped Soil At Top, Add	*9.22*	
32 32 53 00-0015		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $32.00/ton.		
32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	424.24	181.42
		For >3:1 Sloped Soil At Top, Add	*5.21*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	502.90	215.84
		For >3:1 Sloped Soil At Top, Add	*6.05*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	662.20	286.76
		For >3:1 Sloped Soil At Top, Add	*7.54*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,016.15	448.35
		For >3:1 Sloped Soil At Top, Add	*10.15*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,321.99	586.50
		For >3:1 Sloped Soil At Top, Add	*12.66*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,641.48	730.36
		For >3:1 Sloped Soil At Top, Add	*15.36*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	382.58	160.63
		For >3:1 Sloped Soil At Top, Add	*5.21*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	451.32	190.05
		For >3:1 Sloped Soil At Top, Add	*6.05*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	586.06	248.63
		For >3:1 Sloped Soil At Top, Add	*7.54*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	893.59	387.10
		For >3:1 Sloped Soil At Top, Add	*10.15*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,150.08	500.59
		For >3:1 Sloped Soil At Top, Add	*12.66*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,429.43	624.38
		For >3:1 Sloped Soil At Top, Add	*15.36*	
32 32 53 00-0028		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	439.57	181.42
		For >3:1 Sloped Soil At Top, Add	*6.52*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	522.39	215.84
		For >3:1 Sloped Soil At Top, Add	*7.71*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	689.58	286.76
		For >3:1 Sloped Soil At Top, Add	*9.87*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,057.76	448.35
		For >3:1 Sloped Soil At Top, Add	*13.68*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,378.94	586.50
		For >3:1 Sloped Soil At Top, Add	*17.50*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,714.85	730.36
		For >3:1 Sloped Soil At Top, Add	*21.60*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	397.91	160.63
		For >3:1 Sloped Soil At Top, Add	*6.52*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	471.03	190.05
		For >3:1 Sloped Soil At Top, Add	*7.73*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	613.44	248.63
		For >3:1 Sloped Soil At Top, Add	*9.87*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	935.20	387.10
		For >3:1 Sloped Soil At Top, Add	*13.68*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,207.03	500.59
		For >3:1 Sloped Soil At Top, Add	*17.50*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,502.80	624.38
		For >3:1 Sloped Soil At Top, Add	*21.60*	
32 32 53 00-0041		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	454.91	181.42
		For >3:1 Sloped Soil At Top, Add	*7.82*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	520.42	215.84
		For >3:1 Sloped Soil At Top, Add	*7.54*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	719.15	286.76
		For >3:1 Sloped Soil At Top, Add	*12.38*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,101.57	448.35
		For >3:1 Sloped Soil At Top, Add	*17.41*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,438.08	586.50
		For >3:1 Sloped Soil At Top, Add	*22.53*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,789.33	730.36
		For >3:1 Sloped Soil At Top, Add	*27.93*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	413.25	160.63
		For >3:1 Sloped Soil At Top, Add	*7.82*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	490.74	190.05
		For >3:1 Sloped Soil At Top, Add	*9.40*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	643.01	248.63
		For >3:1 Sloped Soil At Top, Add	*12.38*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	979.01	387.10
		For >3:1 Sloped Soil At Top, Add	*17.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,266.17	500.59
		For >3:1 Sloped Soil At Top, Add	*22.53*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,577.28	624.38
		For >3:1 Sloped Soil At Top, Add	*27.93*	

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

32 33 13 00-0003 Double Sided *(32 33 13 00-0002)*

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	687.22	116.17
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	1,035.79	190.85
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	1,786.10	290.43

32 33 13 00-0007 Single Sided *(32 33 13 00-0002)*

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	601.55	103.73
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	849.76	172.60
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,457.80	259.32

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)*

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	116.39	

32 33 13 00-0013 Bike Racks Ground Loop *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	906.06	203.55

32 33 13 00-0015 Serpentine Bike Racks *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	499.98	124.47
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	681.94	134.84
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	863.89	145.22
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	1,068.89	155.59
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	1,273.89	165.96
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	1,386.76	176.34

32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	567.51	124.47
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	730.62	134.84
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	893.73	145.22
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	1,039.05	155.59
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	1,202.18	165.96
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	1,400.89	176.34

32 33 13 00-0030 Powder Coated, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	499.98	124.47
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	681.94	134.84
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	863.89	145.22
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	1,068.89	155.59
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	1,273.89	165.96
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	1,386.76	176.34

32 33 13 00-0037 Powder Coated, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	585.30	124.47
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	766.21	134.84
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	929.32	145.22
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	1,128.04	155.59
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	1,291.16	165.96
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,507.67	176.34

32 33 13 00-0044 Stainless Steel, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	953.67	124.47
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,426.96	134.84
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,900.28	145.22
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,438.25	155.59
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,976.21	165.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,255.57	176.34
32 33 13 00-0051		**Stainless Steel, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	745.47	124.47
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,656.03	134.84
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,175.07	145.22
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,658.53	155.59
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,159.79	165.96
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,678.84	176.34
32 33 13 00-0058		**Bike Racks Bollards/Bicycle Posts** *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	585.75	93.36
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		**Steel Trash Containment** *(32 33 23)*		
32 33 23 00-0002		**Steel Frame Surrounded With Kiln-Dried Wood** *(32 33 23 00-0001)*		
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	503.38	49.53
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	480.24	49.53
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	480.24	49.53
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	454.21	49.53
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	503.38	49.53
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	454.21	49.53
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	624.84	49.53
32 33 23 00-0010		**Square Steel Frames Surrounded With Flat Steel** *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	915.87	49.53
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	989.36	49.53
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	989.36	49.53
32 33 23 00-0014		**Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)* Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,356.83	49.53
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,461.82	49.53
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,684.92	49.53
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,527.44	49.53
32 33 23 00-0019		**Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,212.47	49.53
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,317.46	49.53
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,540.56	49.53
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,396.20	49.53
32 33 23 00-0024		**Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	963.11	49.53
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,068.11	49.53
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,291.21	49.53
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,146.85	49.53
32 33 23 00-0029		**Litter Baskets** *(32 33 23)*		
32 33 23 00-0030		**Round Wire Litter Baskets** *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	170.44	5.04
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	215.35	5.04
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	291.56	5.04
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	334.56	5.04
32 33 23 00-0035		**Trash Can/Wire Basket Holder** *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	239.93	40.45
32 33 23 00-0037	EA	Steel Post, Double Holder	325.88	40.45
32 33 23 00-0038	EA	Redwood Post, Single Holder	191.47	40.45
32 33 23 00-0039	EA	Redwood Post, Double Holder	232.73	40.45
32 33 23 00-0040		**Litter Receptacles, Freestanding** *(32 33 23 00-0029)* Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,371.58	20.64
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,443.88	20.64
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,681.41	30.95
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,753.71	30.95
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,826.01	30.95
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,898.31	30.95
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,514.10	26.83
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,586.40	26.83
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

32 33 23 00-0049 Ash Receptacles *(32 33 23)*

32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	564.28	20.64
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	240.05	20.64

32 33 23 00-0052 Trash Receptacles *(32 33 23)*

32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,125.76	20.64
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	774.18	20.64
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	608.79	20.64
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	635.18	22.69
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	683.81	24.76
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	459.79	16.51
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	548.70	16.51
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	965.33	20.64

32 33 23 00-0061 Trash Containers (Dumpsters) *(32 33 23)*

32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	279.73	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	419.60	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	559.46	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	559.46	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	839.19	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	1,118.92	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	1,678.38	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	2,237.84	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	755.69	25.04
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	845.94	30.04
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	926.18	30.04
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	1,004.64	35.05
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,215.81	45.07
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,324.37	45.07
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,492.51	50.07
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,577.47	50.07
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,755.90	62.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,867.74	66.59
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,945.55	70.10
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,766.88	62.59
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,943.19	70.10
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,493.64	75.11
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	3,236.95	95.14
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	3,763.79	100.15
32 33 33 00-0019		Square Precast Concrete Planters *(32 33 33 00-0001)*		
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,519.48	65.09
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,740.85	70.10
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	2,758.52	80.11
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	2,943.17	85.12
32 33 33 00-0024		Rectangular Precast Concrete Planters *(32 33 33 00-0001)*		
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	881.34	30.04
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	1,031.74	45.07
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,197.52	50.07
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,361.79	62.59
32 33 33 00-0029		Fiberglass Planters *(32 33 33)*		
32 33 33 00-0030		Circular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	1,870.46	25.04
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,125.04	25.04
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,240.92	25.04
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,463.67	25.04
32 33 33 00-0035		Tapered Circular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	716.55	25.04
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,059.09	25.04
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	1,902.29	25.04
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,663.68	25.04
32 33 33 00-0040		Square Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	946.72	25.04
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	968.18	25.04
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	979.54	25.04
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,113.65	25.04
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,211.36	25.04
32 33 33 00-0046		Rectangular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,092.41	25.04
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,172.54	25.04
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,533.38	25.04
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,693.64	25.04
32 33 33 00-0051		Timber Planters *(32 33 33)*		
32 33 33 00-0052		Square Timber Planters *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	867.40	49.53
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	867.40	49.53
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	1,734.67	49.53
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	1,490.37	49.53
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	1,795.74	49.53
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	4,776.21	49.53
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	7,231.43	49.53
32 33 33 00-0060		Rectangular Timber Planters *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	855.19	49.53
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	965.12	49.53
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	1,294.93	49.53
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	1,441.51	49.53
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	1,881.25	49.53
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	2,198.84	49.53
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	2,467.57	49.53
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	3,237.12	49.53
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	3,664.64	49.53
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	4,189.89	49.53
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	3,982.23	49.53
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	4,519.70	49.53
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	5,069.37	49.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43		**Site Seating and Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		Benches (Landscapeforms) *(32 33 43 13)* Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,704.73	82.55
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	2,135.83	82.55
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,412.96	82.55
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	195.24	20.64
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,865.39	82.55
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	2,113.07	82.55
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,307.20	82.55
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,608.43	82.55
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,641.90	82.55
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,943.13	82.55
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,435.28	82.55
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,735.44	82.55
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	961.11	61.92
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	1,040.10	61.92
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,123.93	72.24
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,313.51	72.24
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,202.92	72.24
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,281.91	72.24
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,381.54	82.55
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,586.92	82.55
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,345.10	72.24
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,444.73	82.55
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,523.72	82.55
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,729.10	82.55
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,762.39	82.55
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	3,177.42	82.55
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,766.32	82.55
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,135.83	82.55
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,320.58	82.55
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,260.34	82.55
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,508.02	82.55
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,775.78	82.55
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	3,023.46	82.55
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,277.83	82.55
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,882.88	82.55
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,130.56	82.55
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,538.90	82.55
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,799.97	82.55
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	4,040.96	82.55
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	657.13	20.64
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	884.73	20.64
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	884.73	20.64
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	804.40	20.64
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	998.53	20.64
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	998.53	20.64
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	998.53	20.64
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	195.24	20.64
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	924.89	20.64
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,025.31	20.64
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,125.72	20.64
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,119.02	20.64
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,219.43	20.64
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,319.84	20.64
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,105.63	20.64
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,206.04	20.64
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,306.46	20.64
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,353.31	20.64
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,453.72	20.64
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,554.14	20.64
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,353.31	20.64
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,453.72	20.64
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,554.14	20.64
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,838.61	82.55
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,865.39	82.55
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,273.73	82.55
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,762.39	82.55
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	3,264.45	82.55
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,739.72	82.55
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,477.13	82.55
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,972.49	82.55
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,019.35	82.55
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,327.28	82.55
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,628.51	82.55
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,943.13	82.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,251.06	82.55
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,628.51	82.55
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	3,184.12	82.55
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,726.33	82.55
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,040.96	82.55
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,710.36	82.55
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	5,018.29	82.55
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	5,319.52	82.55
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,248.98	72.24
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,510.05	72.24
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,650.62	72.24
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,932.38	82.55
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,193.40	82.55
32 33 43 13-0089		**Benches (Columbia Cascade, TimberForm)** *(32 33 43 13)*		
32 33 43 13-0090		**Wood Benches (Columbia Cascade, TimberForm)** *(32 33 43 13-0089)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	800.51	41.28
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	919.23	41.28
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,180.37	41.28
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	836.14	41.28
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	954.84	41.28
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,227.85	41.28
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,227.85	41.28
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,429.64	41.28
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	1,845.09	41.28
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,287.20	41.28
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,488.99	41.28
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,928.18	41.28
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,379.24	41.28
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	2,794.69	41.28
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	3,661.20	41.28
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,438.59	41.28
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	2,854.04	41.28
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	3,744.29	41.28
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	931.10	41.28
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,049.80	41.28
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	966.71	41.28
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,085.41	41.28
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,560.21	41.28
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	1,845.09	41.28
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,655.17	41.28
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	1,940.05	41.28
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	975.26	61.92
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,022.74	61.92
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,390.71	61.92
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	753.05	41.28
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	871.75	41.28
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	990.45	41.28
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,275.33	41.28
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,394.03	41.28
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	764.92	41.28
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	883.62	41.28
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,002.32	41.28
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,310.94	41.28
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,429.64	41.28
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,299.07	41.28
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,500.86	41.28
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	1,940.05	41.28
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,141.84	41.28
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,322.81	41.28
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,524.60	41.28
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	1,975.66	41.28
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,177.45	41.28
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,299.07	41.28
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	1,833.22	41.28
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,631.43	41.28
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,153.71	41.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,355.50	41.28
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,488.99	41.28
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	1,868.83	41.28
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,655.17	41.28
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,189.32	41.28
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,391.11	41.28
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,366.97	61.92
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,580.63	61.92
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,031.69	61.92
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,497.54	61.92
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,711.20	61.92
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,233.48	61.92
32 33 43 13-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,097.28	41.28
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,500.86	41.28
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,132.89	41.28
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,536.47	41.28
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,726.39	41.28
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,023.14	41.28
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,821.35	41.28
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,118.10	41.28
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,093.96	61.92
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,319.49	61.92
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,556.89	61.92
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	895.47	41.28
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,204.11	41.28
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,441.51	41.28
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	931.10	41.28
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,239.72	41.28
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,488.99	41.28
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,429.64	41.28
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,928.18	41.28
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,343.63	41.28
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,488.99	41.28
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,011.27	41.28
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,426.72	41.28
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	2,794.69	41.28
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	3,851.12	41.28
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,266.57	41.28
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	2,854.04	41.28
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	3,934.21	41.28
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,349.66	41.28
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,750.13	41.28
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,438.59	41.28
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,331.76	41.28
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,675.99	41.28
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	3,601.85	41.28
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,773.87	41.28
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,474.20	41.28
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,367.37	41.28
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	2,711.60	41.28
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	3,661.20	41.28
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,663.72	61.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,245.35	61.92
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	2,779.50	61.92
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,865.51	61.92
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,494.62	61.92
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	2,743.89	61.92
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	800.53	41.28
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,049.80	41.28
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,417.77	41.28
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,667.04	41.28
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	1,940.05	41.28
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	824.27	41.28
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,073.54	41.28
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,453.38	41.28
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,702.65	41.28
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	1,987.53	41.28
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,560.21	41.28
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,141.84	41.28
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	2,640.38	41.28
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	2,972.74	41.28
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,583.95	41.28
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,177.45	41.28
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	2,675.99	41.28
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,020.22	41.28

32 33 43 53 Site Tables *(32 33 43)*

32 33 43 53-0001 Picnic Tables *(32 33 43 53)*

32 33 43 53-0002 Wooden Picnic Tables *(32 33 43 53-0001)*

32 33 43 53-0003	EA	6' Permanent Rectangular Redwood Table	1,604.23	61.92

32 33 43 53-0004 Portable Picnic Tables *(32 33 43 53-0001)*

32 33 43 53-0005	EA	6' Wood Table With Aluminum Frame	888.15	41.28
32 33 43 53-0006	EA	6' Aluminum Table And Frame	1,277.48	41.28
32 33 43 53-0007	EA	8' Aluminum Table And Frame	1,525.71	51.60
32 33 43 53-0008	EA	6' Steel Table And Frame	1,183.06	41.28
32 33 43 53-0009	EA	8' Steel Table And Frame	1,354.14	51.60

32 33 43 53-0010 Concrete Picnic Tables *(32 33 43 53-0001)*

32 33 43 53-0011	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,334.17	165.10
32 33 43 53-0012	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	2,700.27	
32 33 43 53-0013	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	2,708.99	
32 33 43 53-0014	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	2,859.97	

32 33 43 53-0015 Plastic Picnic Tables *(32 33 43 53-0001)*

Note: Manufactured from recycled plastic.

32 33 43 53-0016 Pedestal Tables - 4' Square, 2 Seats *(32 33 43 53-0015)*

32 33 43 53-0017	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,340.22	61.92
32 33 43 53-0018	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,469.43	61.92

32 33 43 53-0019 Pedestal Tables - 4' Square, 4 Seats *(32 33 43 53-0015)*

32 33 43 53-0020	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	1,759.22	61.92
32 33 43 53-0021	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	1,932.73	61.92

32 33 43 53-0022 Recycled Plastic Tables *(32 33 43 53-0015)*

32 33 43 53-0023	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,306.80	61.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0024	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	1,919.85	61.92
32 33 43 53-0025	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,097.68	61.92
32 33 43 53-0026	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	1,961.11	61.92
32 33 43 53-0027	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,470.04	61.92
32 33 43 53-0028	EA	4' Youth Table, Recycled Plastic Lumber	979.29	49.53

32 33 53 Site Grills *(32 33)*

32 33 53 00-0001 Picnic Grills *(32 33 53)*

32 33 53 00-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 11 gauge with galvanized steel post.	393.46	
32 33 53 00-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 7 gauge with galvanized steel post.	421.32	

32 33 63 Skate Board Deterrent *(32 33)*

32 33 63 00-0001 Skate Stoppers *(32 33 63)*

32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	58.45	
		For >59 To 99, Deduct	*-6.33*	
		For >99 To 249, Deduct	*-7.98*	
		For >249, Deduct	*-9.63*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	62.06	
		For >59 To 99, Deduct	*-6.83*	
		For >99 To 249, Deduct	*-8.59*	
		For >249, Deduct	*-10.35*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	43.53	
		For >59 To 99, Deduct	*-4.24*	
		For >99 To 249, Deduct	*-5.44*	
		For >249, Deduct	*-6.64*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	34.66	
		For >59 To 99, Deduct	*-2.99*	
		For >99 To 249, Deduct	*-3.93*	
		For >249, Deduct	*-4.87*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	37.99	
		For >59 To 99, Deduct	*-3.46*	
		For >99 To 249, Deduct	*-4.50*	
		For >249, Deduct	*-5.53*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	36.29	
		For >59 To 99, Deduct	*-3.22*	
		For >99 To 249, Deduct	*-4.21*	
		For >249, Deduct	*-5.19*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	34.11	
		For >59 To 99, Deduct	*-2.92*	
		For >99 To 249, Deduct	*-3.84*	
		For >249, Deduct	*-4.76*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	47.59	
		For >59 To 99, Deduct	*-4.81*	
		For >99 To 249, Deduct	*-6.13*	
		For >249, Deduct	*-7.45*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	88.00	
		For >59 To 99, Deduct	*-10.46*	
		For >99 To 249, Deduct	*-13.00*	
		For >249, Deduct	*-15.54*	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0081 for concrete core drilling, 02 41 19 13-0219 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	55.33	11.29
		For Galvanized Steel, Add	*5.57*	
		For 304 Stainless Steel, Add	*44.20*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*114.36*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*83.10*	
		For Schedule 80, Add	*7.17*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*8.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	74.24	11.29
		For Galvanized Steel, Add	*8.78*	
		For 304 Stainless Steel, Add	*69.73*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*114.36*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*83.10*	
		For Schedule 80, Add	*10.01*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*12.62*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	104.83	14.13
		For Galvanized Steel, Add	*13.02*	
		For 304 Stainless Steel, Add	*103.41*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*150.92*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*124.62*	
		For Schedule 80, Add	*14.31*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*16.85*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	138.69	16.94
		For Galvanized Steel, Add	*17.82*	
		For 304 Stainless Steel, Add	*141.49*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*173.52*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*135.92*	
		For Schedule 80, Add	*19.11*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*20.61*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	175.23	22.59
		For Galvanized Steel, Add	*22.11*	
		For 304 Stainless Steel, Add	*175.58*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*239.68*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*187.21*	
		For Schedule 80, Add	*24.03*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*24.04*	

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	565.72	90.35
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	565.72	90.35

32 39 25 Manufactured Wood Bollards *(32 39)*

32 39 25 00-0001 Wood Bollards *(32 39 25)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

32 39 25 00-0002 Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*

32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	22.31	9.04
		For Each Sleeve For Removable, Lockable Bollard, Add	*83.16*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	26.78	9.04
		For Each Sleeve For Removable, Lockable Bollard, Add	*83.16*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	35.83	10.17
		For Each Sleeve For Removable, Lockable Bollard, Add	*125.86*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	51.26	13.55
		For Each Sleeve For Removable, Lockable Bollard, Add	*139.40*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	70.93	18.07
		For Each Sleeve For Removable, Lockable Bollard, Add	*193.37*	

32 39 27 Manufactured Plastic Bollards *(32 39)*

32 39 27 00-0001 Plastic Bollards *(32 39 27)*

See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.

32 39 27 00-0002 Recycled Plastic Bollards *(32 39 27 00-0001)*

32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	318.81	45.17
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	522.20	45.17

32 39 27 00-0005 Plastic Bollard Covers *(32 39 27 00-0001)*

32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	81.78	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	88.37	11.73
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	112.01	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	112.01	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	126.12	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	112.01	10.66
		For Reflective Tape, Add	*9.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	114.03	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	112.01	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	114.03	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	160.38	10.66
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	114.14	11.73
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	146.39	11.73
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	166.97	11.73
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	140.46	12.81
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	152.55	12.81
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	152.55	12.81
		For Reflective Tape, Add	*9.60*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	206.98	12.81
		For Reflective Tape, Add	*9.60*	

32 39 29 Manufactured Stone Bollards *(32 39)*

32 39 29 00-0001 Stone Bollards *(32 39 29)*

32 39 29 00-0002 Granite Bollards *(32 39 29 00-0001)*

32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,182.94	112.94
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,499.50	158.11
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	737.47	112.94
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,085.55	90.35
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,616.29	90.35

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	44.03	10.51
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	69.54	10.51
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	67.76	10.51
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	91.73	10.51

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	142.39	10.51
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	143.71	10.51
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	55.17	10.51
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	56.23	10.51
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	154.67	10.51
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	71.04	10.51
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	79.30	10.51

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	54.10	10.51
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	54.10	10.51
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	54.10	10.51
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	62.79	10.51

32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*
Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	3.94	1.47
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	3.69	1.68
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.10	1.47
		For Shallow Trenching And Backfill By Hand, Add	*6.02*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	3.67	1.68
		For Shallow Trenching And Backfill By Hand, Add	*6.52*	
32 84 13 00-0025		**Drip Emitter Irrigation Fittings** *(32 84 13 00-0001)*		
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	2.79	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	2.82	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	2.87	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.02	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	2.77	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	2.95	
		For Compression Fitting, Add	*0.32*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.04	
		For Compression Fitting, Add	*0.41*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.08	
		For Compression Fitting, Add	*0.45*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.10	
		For Compression Fitting, Add	*0.47*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.29	
		For Compression Fitting, Add	*0.66*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	3.51	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	1.73	
32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	5.73	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	6.58	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	13.84	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	22.33	9.45
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	22.37	9.45
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	24.70	9.45
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	24.95	9.45
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	36.21	12.39
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	39.22	12.39
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	40.04	12.39
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	4.25	1.83
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		**Sprinkler Heads** *(32 84 23)*		
32 84 23 00-0002		**Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	31.91	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	30.21	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	36.52	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	41.81	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	32.58	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	41.47	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	45.75	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	35.12	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	43.22	11.61
		For Rotary Nozzle, Add	*3.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	47.21	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	36.13	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	48.56	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	52.50	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	26.89	11.61
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	30.84	11.61

32 84 23 00-0018 Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0001)*

Note: Maximum spacing is equivalent to maximum radius.

32 84 23 00-0019 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	44.40	11.61
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	45.81	11.61
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0022 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	41.02	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	56.22	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	43.84	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	58.47	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	44.96	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	47.21	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	61.84	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	70.85	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	46.93	11.61
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	55.94	11.61
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0033 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	77.32	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*41.42*	

32 84 23 00-0035 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	109.96	11.61
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0037 Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*

Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	61.56	11.61
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	48.06	11.61
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	93.05	11.61
32 84 23 00-0041		Electric Remote Control Irrigation Valves *(32 84 23)*		
32 84 23 00-0042		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	134.53	48.38
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	134.53	48.38
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	148.35	55.15
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	135.66	48.38
32 84 23 00-0047		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	135.66	48.38
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	150.04	55.15
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	151.16	55.15
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	225.69	48.38
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	265.08	48.38
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	315.72	48.38
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	323.53	54.38
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	362.92	54.38
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	413.57	54.38
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	379.80	54.38
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	419.19	54.38
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	469.84	54.38
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	337.72	48.38
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	518.81	48.38
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	535.18	48.38
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,260.33	65.32
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	311.32	54.38
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	365.17	54.38
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	423.64	54.38
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	500.62	54.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0073		**0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	412.54	54.38
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	627.39	54.38
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	645.81	54.38
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,347.66	54.38
32 84 23 00-0078		**0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	419.57	48.38
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	600.65	48.38
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	617.02	48.38
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,342.18	65.32
32 84 23 00-0083		**5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series)** *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	395.73	54.38
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	449.58	54.38
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	508.04	54.38
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	585.02	54.38
32 84 23 00-0088		**0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	494.39	54.38
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	709.24	54.38
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	727.66	54.38
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,429.50	54.38
32 84 23 00-0093		**Other Electric Remote Control Valves/Accessories** *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	123.11	
32 84 23 00-0095		**Remote Control Valve Assemblies** *(32 84 23 00-0041)*		
		Note: Includes excavation and disposal of soil, installation of 6" minimum depth gravel or crushed rock, woven wire cloth, valve, fittings, valve box (Carson 1419-12), as detailed in the Caltrans Standard Plans 2010 page 224.		
32 84 23 00-0096	EA	1" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	489.59	120.96
32 84 23 00-0097	EA	1-1/2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	528.98	120.96
32 84 23 00-0098	EA	2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	579.63	120.96
32 84 23 00-0099	EA	1" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	545.86	120.96
		Note: Purple components for use with recycled water		
32 84 23 00-0100	EA	1-1/2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	585.25	120.96
		Note: Purple components for use with recycled water		
32 84 23 00-0101	EA	2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	635.90	120.96
		Note: Purple components for use with recycled water		
32 84 23 00-0102	EA	1" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	561.79	120.96
		Note: Purple components for use with recycled water		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0103	EA	1-1/2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12) Note: Purple components for use with recycled water	674.10	120.96
32 84 23 00-0104	EA	2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12) Note: Purple components for use with recycled water	751.08	120.96
32 84 23 00-0105		Irrigation Valve Boxes *(32 84 23)* Note: Includes lid.		
32 84 23 00-0106	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	81.81	34.83
32 84 23 00-0107	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	95.10	34.83
32 84 23 00-0108	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	124.76	45.87
32 84 23 00-0109	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	217.90	66.96
32 84 23 00-0110	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	222.68	66.96
32 84 23 00-0111	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	256.98	66.96
32 84 23 00-0112	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	261.07	66.96
32 84 23 00-0113	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	457.10	66.96
32 84 23 00-0114	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	711.01	66.96
32 84 23 00-0115	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Concrete Lid	423.03	123.72
		For 12" Extension, Add	*92.06*	
32 84 23 00-0116	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Steel Lid	672.45	123.72
		For 12" Extension, Add	*92.06*	
32 84 23 00-0117	EA	12" x 17" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1419-12)	178.20	58.06
32 84 23 00-0118	EA	15" x 21" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1220-12)	259.14	66.96
32 84 23 00-0119	EA	10" Round Irrigation Valve Box With Lid (Carson 910-10)	136.81	45.87
32 84 23 00-0120		Irrigation Controllers *(32 84 23)* See CSI section 27 15 13 00-0256 for low voltage wiring.		
32 84 23 00-0121		Irrigation Controllers *(32 84 23 00-0120)*		
32 84 23 00-0122		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0121)*		
32 84 23 00-0123		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0122)*		
32 84 23 00-0124		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0123)*		
32 84 23 00-0125		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0124)*		
32 84 23 00-0126	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	357.58	33.02
32 84 23 00-0127	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	499.43	33.02
32 84 23 00-0128	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	641.29	33.02
32 84 23 00-0129	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	783.13	33.02
32 84 23 00-0130	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	891.96	33.02
32 84 23 00-0131	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,037.94	33.02
32 84 23 00-0132	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,183.92	33.02
32 84 23 00-0133		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0124)*		
32 84 23 00-0134	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	419.14	33.02
32 84 23 00-0135	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	560.99	33.02
32 84 23 00-0136	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	702.85	33.02
32 84 23 00-0137	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	844.69	33.02
32 84 23 00-0138	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	953.52	33.02
32 84 23 00-0139	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,099.50	33.02
32 84 23 00-0140	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,245.48	33.02
32 84 23 00-0141		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0123)*		
32 84 23 00-0142		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0141)*		
32 84 23 00-0143	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	571.42	33.02
32 84 23 00-0144	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	713.27	33.02
32 84 23 00-0145	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	855.13	33.02
32 84 23 00-0146	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	996.97	33.02
32 84 23 00-0147	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,105.81	33.02
32 84 23 00-0148	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,251.78	33.02
32 84 23 00-0149	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,397.76	33.02
32 84 23 00-0150		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0141)*		
32 84 23 00-0151	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	617.55	33.02
32 84 23 00-0152	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	759.40	33.02
32 84 23 00-0153	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	901.26	33.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0154	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,043.09	33.02
32 84 23 00-0155	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,151.93	33.02
32 84 23 00-0156	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,297.91	33.02
32 84 23 00-0157	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,443.89	33.02
32 84 23 00-0158		Accessories For ESP-ME/MEI Irrigation Controllers *(32 84 23 00-0123)*		
32 84 23 00-0159	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	145.98	
32 84 23 00-0160	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	279.12	
32 84 23 00-0161	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	396.62	
32 84 23 00-0162		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0122)*		
32 84 23 00-0163		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0162)*		
32 84 23 00-0164	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	848.71	33.02
32 84 23 00-0165	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,027.51	33.02
32 84 23 00-0166	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,209.29	33.02
32 84 23 00-0167	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,388.07	33.02
32 84 23 00-0168	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,569.85	33.02
32 84 23 00-0169	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,748.64	33.02
32 84 23 00-0170	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,930.41	33.02
32 84 23 00-0171	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,109.21	33.02
32 84 23 00-0172	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,290.99	33.02
32 84 23 00-0173	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,469.77	33.02
32 84 23 00-0174		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0162)*		
32 84 23 00-0175	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	849.06	33.02
32 84 23 00-0176	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,027.85	33.02
32 84 23 00-0177	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,209.63	33.02
32 84 23 00-0178	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,388.42	33.02
32 84 23 00-0179	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,570.19	33.02
32 84 23 00-0180	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,748.98	33.02
32 84 23 00-0181	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,930.76	33.02
32 84 23 00-0182	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,109.55	33.02
32 84 23 00-0183	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,291.33	33.02
32 84 23 00-0184	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,470.12	33.02
32 84 23 00-0185	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,651.89	33.02
32 84 23 00-0186		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0162)*		
32 84 23 00-0187	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	627.42	
32 84 23 00-0188	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,456.36	
32 84 23 00-0189	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,381.27	
32 84 23 00-0190	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,068.57	
32 84 23 00-0191	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	178.79	
32 84 23 00-0192	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	360.57	
32 84 23 00-0193	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	559.89	
32 84 23 00-0194	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	207.85	
32 84 23 00-0195		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0122)*		
32 84 23 00-0196		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0195)*		
32 84 23 00-0197	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	412.54	33.02
32 84 23 00-0198	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	497.81	33.02
32 84 23 00-0199	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	617.58	33.02
32 84 23 00-0200		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0195)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0201	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	522.47	
32 84 23 00-0202	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	103.98	24.76
32 84 23 00-0203		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0122)*		
32 84 23 00-0204	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	148.32	24.76
32 84 23 00-0205	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	303.93	24.76
32 84 23 00-0206	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	321.84	24.76
32 84 23 00-0207	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	477.09	24.76
32 84 23 00-0208		Two-Wire Decoder Systems *(32 84 23 00-0120)*		
32 84 23 00-0209		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0208)*		
32 84 23 00-0210		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0209)*		
		Note: Includes water resistant cabinet.		
32 84 23 00-0211	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,454.35	33.02
32 84 23 00-0212	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	3,494.97	33.02
32 84 23 00-0213	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,535.58	33.02
32 84 23 00-0214		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0209)*		
32 84 23 00-0215	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	300.74	33.02
32 84 23 00-0216	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	382.94	33.02
32 84 23 00-0217	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	573.28	33.02
32 84 23 00-0218	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	699.83	33.02
32 84 23 00-0219	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,159.46	33.02
32 84 23 00-0220		Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0209)*		
32 84 23 00-0221	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	1,822.64	
32 84 23 00-0222	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,040.61	
32 84 23 00-0223	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	227.26	28.89
32 84 23 00-0224	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,030.47	33.02
32 84 23 00-0225		Calsense Controllers *(32 84 23 00-0120)*		
32 84 23 00-0226		Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0227	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,591.59	82.55
32 84 23 00-0228	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,345.82	92.86
32 84 23 00-0229	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	4,596.63	103.18
32 84 23 00-0230	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,059.36	103.18
32 84 23 00-0231	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	5,982.87	113.50
32 84 23 00-0232	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	7,224.33	113.50
32 84 23 00-0233	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	8,181.71	123.82
32 84 23 00-0234	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	9,163.59	123.82
32 84 23 00-0235	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,647.55	41.28
32 84 23 00-0236	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,108.55	41.28
32 84 23 00-0237		Irrigation Controller Accessories *(32 84 23 00-0225)*		
32 84 23 00-0238	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	108.35	
32 84 23 00-0239	EA	Spare Lock For Enclosures (Calsense PAD)	117.37	
32 84 23 00-0240	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	138.01	10.32
32 84 23 00-0241	EA	Transformer For Irrigation Controllers (Calsense TR-1)	195.41	41.28
32 84 23 00-0242	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	545.28	41.28
32 84 23 00-0243	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	725.85	41.28
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*351.74*	
32 84 23 00-0244		Sensors For Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0245		Flow Sensors *(32 84 23 00-0244)*		
32 84 23 00-0246	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,274.99	61.92
		For Flow Meter Replacement Insert Only, Deduct	*-897.44*	
32 84 23 00-0247	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,320.14	61.92
		For Flow Meter Replacement Insert Only, Deduct	*-942.59*	
32 84 23 00-0248	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,365.28	61.92
		For Flow Meter Replacement Insert Only, Deduct	*-987.73*	
32 84 23 00-0249	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,508.13	82.55
		For Flow Meter Replacement Insert Only, Deduct	*-1,130.27*	
32 84 23 00-0250	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,620.99	82.55
		For Flow Meter Replacement Insert Only, Deduct	*-1,243.13*	
32 84 23 00-0251	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,666.14	82.55
		For Flow Meter Replacement Insert Only, Deduct	*-1,288.28*	
32 84 23 00-0252	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	1,959.57	82.55
		For Flow Meter Replacement Insert Only, Deduct	*-1,453.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0253	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	1,527.16	41.28
		For Flow Meter Replacement Insert Only, Deduct	*-1,021.11*	

32 84 23 00-0254 Moisture Sensors *(32 84 23 00-0244)*

32 84 23 00-0255	EA	Soil Moisture Sensor (Calsense 1000-S)	535.93	30.96

32 84 23 00-0256 Weather Sensors *(32 84 23 00-0244)*

32 84 23 00-0257	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,462.99	82.55
32 84 23 00-0258	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,673.23	165.10
32 84 23 00-0259	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,351.30	123.82

32 84 23 00-0260 Weather Sensor Accessories *(32 84 23 00-0244)*

32 84 23 00-0261	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	985.43	
32 84 23 00-0262	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,865.74	
32 84 23 00-0263	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	985.43	41.28
32 84 23 00-0264	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,287.19	41.28

32 84 23 00-0265 Antennas For Irrigation Controllers *(32 84 23 00-0225)*

Note: Excludes antenna cable.

32 84 23 00-0266	EA	Local Radio Dome Antenna (Calsense LR-DOME)	511.42	41.28
32 84 23 00-0267	EA	Local Radio Stick Antenna (Calsense LR-STICK)	748.42	41.28
32 84 23 00-0268	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	830.97	82.55
32 84 23 00-0269	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	511.42	41.28
32 84 23 00-0270	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	511.42	41.28
32 84 23 00-0271	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	511.42	41.28
32 84 23 00-0272	EA	GPRS Stick Antenna (Calsense GR-STICK)	748.42	41.28
32 84 23 00-0273	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	511.42	41.28
32 84 23 00-0274	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	748.42	41.28
32 84 23 00-0275	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	830.97	82.55
32 84 23 00-0276	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	511.42	41.28
32 84 23 00-0277	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	511.42	41.28
32 84 23 00-0278	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	511.42	41.28
32 84 23 00-0279	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	511.42	41.28
32 84 23 00-0280	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	14.08	0.49
32 84 23 00-0281	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	515.29	20.64
32 84 23 00-0282	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	838.71	41.28
32 84 23 00-0283	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	733.59	
32 84 23 00-0284	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	1,038.31	
32 84 23 00-0285	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	767.45	

32 84 23 00-0286 Pedestals And Enclosures For Irrigation Controllers *(32 84 23 00-0225)*

32 84 23 00-0287	EA	15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	462.40	61.92
32 84 23 00-0288	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,129.78	103.18
32 84 23 00-0289	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	1,267.58	41.28
32 84 23 00-0290	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	1,517.81	30.96
32 84 23 00-0291	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	4,769.72	30.96
32 84 23 00-0292	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	5,388.91	30.96
32 84 23 00-0293	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	7,815.74	61.92
32 84 23 00-0294	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	8,192.80	61.92
32 84 23 00-0295	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	266.88	
32 84 23 00-0296	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	863.23	

32 84 23 00-0297 Central Computer For Irrigation Control Systems *(32 84 23 00-0225)*

32 84 23 00-0298	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	6,012.83	
32 84 23 00-0299	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	10,650.35	
32 84 23 00-0300	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	2,041.98	
32 84 23 00-0301	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	4,026.16	
32 84 23 00-0302	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	6,484.44	
32 84 23 00-0303	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	3,878.28	

32 84 23 00-0304 Data Access Service *(32 84 23 00-0225)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0305	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	32.83	
32 84 23 00-0306	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	359.10	
32 84 23 00-0307	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	1,539.00	
32 84 23 00-0308	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	133.38	
32 84 23 00-0309	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	1,436.40	
32 84 23 00-0310	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	6,156.00	
32 84 23 00-0311		Communication Options For Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0312	EA	FCC License Fee (Calsense)	215.70	
32 84 23 00-0313	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	420.90	
32 84 23 00-0314	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	1,190.16	
32 84 23 00-0315	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,251.72	
32 84 23 00-0316	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,251.72	
32 84 23 00-0317	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,565.00	
32 84 23 00-0318	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,262.68	
32 84 23 00-0319	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,262.68	
32 84 23 00-0320	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	3,262.68	
32 84 23 00-0321	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	10,465.20	
32 84 23 00-0322	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	4,027.29	
32 84 23 00-0323		Retrofit Options For Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0324		Weather Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0325	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,590.77	
32 84 23 00-0326	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,590.77	
32 84 23 00-0327	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,590.77	
32 84 23 00-0328	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,590.77	
32 84 23 00-0329		Phone Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0330	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,672.85	
32 84 23 00-0331	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	1,980.65	
32 84 23 00-0332	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,181.07	
32 84 23 00-0333		Local Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0334	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,878.05	
32 84 23 00-0335	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	3,971.09	
32 84 23 00-0336	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,161.25	
32 84 23 00-0337		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0338	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,878.05	
32 84 23 00-0339	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	3,971.09	
32 84 23 00-0340	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,161.25	
32 84 28 00-0341		Ethernet Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0342	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,878.05	
32 84 23 00-0343	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,980.65	
32 84 23 00-0344	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,181.07	
32 84 23 00-0345		GPRS Radio Modem Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0346	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	1,878.05	
32 84 23 00-0347	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	3,971.09	
32 84 23 00-0348	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,161.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0349		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0350	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,888.31	
32 84 23 00-0351	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	406.30	
32 84 23 00-0352	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	174.42	
32 84 23 00-0353	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	307.92	
32 84 23 00-0354	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	195.06	10.32
32 84 23 00-0355	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	379.74	10.32
32 84 23 00-0356	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	410.52	10.32
32 84 23 00-0357		**Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0120)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0358	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	4,416.39	185.74
32 84 23 00-0359	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	4,657.44	196.06
32 84 23 00-0360	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	6,480.74	206.38
32 84 23 00-0361		**LEIT Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0362		**LEIT X Series Irrigation Controller** *(32 84 23 00-0361)*		
32 84 23 00-0363	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	4,156.27	33.02
32 84 23 00-0364	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	4,561.15	33.02
32 84 23 00-0365	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	5,218.03	33.02
32 84 23 00-0366	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	5,874.91	33.02
32 84 23 00-0367	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	6,337.58	33.02
32 84 23 00-0368	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	6,800.26	33.02
32 84 23 00-0369		**LEIT X Series Irrigation Controller Assembly** *(32 84 23 00-0361)* Note: Includes excavation and concrete for footing, 2" diameter galvanized steel pole (minimum 18" bury), 2" sweeps, controller, and number 5 concrete box with non-traffic rated lid per detail.		
32 84 23 00-0370	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	4,691.46	171.84
32 84 23 00-0371	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,096.37	171.84
32 84 23 00-0372	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,753.23	171.84
32 84 23 00-0373	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	6,410.10	171.84
32 84 23 00-0374	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	6,872.79	171.84
32 84 23 00-0375	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	7,335.46	171.84
32 84 23 00-0376		**Enclosure For LEIT Controller Assembly** *(32 84 23 00-0361)* Note: Includes mounting bolts to concrete foundation and installation of enclosure per detail.		
32 84 23 00-0377	EA	12" x 12" x 54" Milled Steel, #9 Expanded Metal, Painted Per Detail, Enclosure With Access Hatch Note: For LEIT Controller	3,187.15	239.82
32 84 23 00-0378		**Hunter Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0379		**Hunter XC Hybrid Controller** *(32 84 23 00-0378)* Note: Operates DC latching solenoids with battery power or a plug in 24 VAC transformer. Includes 6 AA batteries, outdoor stainless steel enclosure and installation of controller in Irrigation Controller Enclosure.		
32 84 23 00-0380	EA	6 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-600-SS)	679.63	82.55
32 84 23 00-0381	EA	12 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-1200-SS)	865.02	103.18
32 84 23 00-0382		**DC Latching Solenoid** *(32 84 23 00-0120)*		
32 84 23 00-0383	EA	DC Latching Solenoid (Micro Power Solenoid) For Non LEIT Controllers Note: As per manufacture of valve.	37.36	
32 84 23 00-0384	EA	DC Solenoid For LEIT Controllers (DIG S-305DC)	59.23	
32 84 23 00-0385		**Irrigation Controller Enclosure Cabinet** *(32 84 23 00-0120)* Note: Includes excavation, installation of concrete foundation, mounting bolts, sweeps, number 5 concrete pull box with non-traffic rated lid and installation of enclosure per detail.		
32 84 23 00-0386	EA	35" (H) x 18" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,007.60	453.65
32 84 23 00-0387	EA	35" (H) x 24" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,244.06	494.90
32 84 23 00-0388	EA	35" (H) x 36" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,586.02	536.13
32 84 23 00-0389	EA	35" (H) x 18" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Irrigation Controller Enclosure Cabinet,	3,007.62	453.65
32 84 23 00-0390	EA	35" (H) x 24" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	3,244.06	494.90
32 84 23 00-0391	EA	35" (H) x 36" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	3,586.02	536.13
32 84 23 00-0392	EA	35" (H) x 18" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	3,750.94	453.65
32 84 23 00-0393	EA	35" (H) x 24" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,080.29	494.90
32 84 23 00-0394	EA	35" (H) x 36" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,422.25	536.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0395		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0396		**Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0395)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0397	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	721.24	39.93
32 84 23 00-0398	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	855.76	48.75
32 84 23 00-0399	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,293.09	56.74
32 84 23 00-0400	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,367.20	65.14
32 84 23 00-0401	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,640.53	84.05
32 84 23 00-0402		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0395)*		
32 84 23 00-0403	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	149.44	34.83
		For Valve Key, Add	*41.36*	
32 84 23 00-0404	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	154.22	34.83
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*41.36*	
32 84 23 00-0405	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	206.83	34.83
		For Valve Key, Add	*105.79*	
32 84 23 00-0406	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	225.96	34.83
		For Valve Key, Add	*105.79*	
32 84 23 00-0407	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	216.96	34.83
32 84 23 00-0408	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	225.96	34.83
32 84 23 00-0409		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0395)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0410	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	262.27	29.42
32 84 23 00-0411	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	376.32	33.62
32 84 23 00-0412	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	684.05	38.87
32 84 23 00-0413	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	833.30	43.07
32 84 23 00-0414	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	839.97	52.54
32 84 23 00-0415		**Aluminum Cam And Groove Adapter** *(32 84 23 00-0395)*		
32 84 23 00-0416	EA	1-1/2" Type A Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Female Pipe Thread	38.13	
32 84 23 00-0417	EA	2" Type A Aluminum Cam And Groove Male Adapter x 2" NPT Female Pipe Thread	40.28	
32 84 23 00-0418	EA	1-1/2" Type F Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Male Pipe Thread	39.30	
32 84 23 00-0419	EA	2" Type F Aluminum Cam And Groove Male Adapter x 2" NPT Male Pipe Thread	42.47	
32 84 23 00-0420		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0421		**Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0420)* Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0422		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0421)*		
32 84 23 00-0423	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	2.84	0.97
		For >1,000, Deduct	*-0.14*	
32 84 23 00-0424	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.45	1.21
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0425	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.14	1.45
		For >1,000, Deduct	*-0.21*	
32 84 23 00-0426	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.45	1.83
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0427	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.81	2.30
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0428	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.61	2.69
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0429	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.82	3.87
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0430	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.36	4.84
		For >1,000, Deduct	*-0.77*	
32 84 23 00-0431	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	21.70	6.05
		For >1,000, Deduct	*-1.09*	
32 84 23 00-0432		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0421)*		
32 84 23 00-0433	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.27	1.21
		For >1,000, Deduct	*-0.16*	
32 84 23 00-0434	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.84	1.45
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0435	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	5.25	1.83
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0436	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.64	2.30
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0437	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	8.35	2.69
		For >1,000, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0438	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.72	3.87
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0439	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.92	4.84
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0440	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	25.18	6.05
		For >1,000, Deduct	*-1.26*	

32 84 23 00-0441 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0421)*

32 84 23 00-0442	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.42	1.21
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0443	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.04	1.45
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0444	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.63	1.83
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0445	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.28	2.30
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0446	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	9.37	2.69
		For >1,000, Deduct	*-0.47*	
32 84 23 00-0447	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.82	3.87
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0448	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.36	4.84
		For >1,000, Deduct	*-0.77*	
32 84 23 00-0449	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	22.04	6.05
		For >1,000, Deduct	*-1.10*	

32 84 23 00-0450 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted *(32 84 23 00-0420)*

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0451 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*

32 84 23 00-0452	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.46	1.21
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0453	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.15	1.45
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0454	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.47	1.83
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0455	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.81	2.30
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0456	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.62	2.69
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0457	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.83	3.87
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0458	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.37	4.84
		For >1,000, Deduct	*-0.87*	
32 84 23 00-0459	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	23.71	6.05
		For >1,000, Deduct	*-1.19*	

32 84 23 00-0460 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*

32 84 23 00-0461	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.69	1.21
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0462	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.40	1.45
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0463	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.70	1.83
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0464	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.05	2.30
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0465	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.87	2.69
		For >1,000, Deduct	*-0.54*	
32 84 23 00-0466	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	14.07	3.87
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0467	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	17.61	4.84
		For >1,000, Deduct	*-0.88*	
32 84 23 00-0468	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	23.95	6.05
		For >1,000, Deduct	*-1.20*	

32 84 23 00-0469 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*

32 84 23 00-0470	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.94	1.21
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0471	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.63	1.45
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0472	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.95	1.83
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0473	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.30	2.30
		For >1,000, Deduct	*-0.47*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0474	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.10	2.69
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0475	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.31	3.87
		For >1,000, Deduct	*-0.72*	
32 84 23 00-0476	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.86	4.84
		For >1,000, Deduct	*-0.89*	
32 84 23 00-0477	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	24.20	6.05
		For >1,000, Deduct	*-1.21*	
32 84 23 00-0478		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*		
32 84 23 00-0479	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.37	1.21
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0480	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.00	1.45
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0481	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.48	1.83
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0482	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.12	2.30
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0483	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.13	2.69
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0484	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.73	3.87
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0485	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.92	4.84
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0486	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	27.18	6.05
		For >1,000, Deduct	*-1.36*	
32 84 23 00-0487		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*		
32 84 23 00-0488	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.60	1.21
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0489	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.25	1.45
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0490	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.71	1.83
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0491	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.36	2.30
		For >1,000, Deduct	*-0.47*	
32 84 23 00-0492	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.38	2.69
		For >1,000, Deduct	*-0.57*	
32 84 23 00-0493	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.97	3.87
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0494	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.16	4.84
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0495	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	27.42	6.05
		For >1,000, Deduct	*-1.37*	
32 84 23 00-0496		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*		
32 84 23 00-0497	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.85	1.21
		For >1,000, Deduct	*-0.29*	
32 84 23 00-0498	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.48	1.45
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0499	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	7.96	1.83
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0500	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.61	2.30
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0501	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.61	2.69
		For >1,000, Deduct	*-0.58*	
32 84 23 00-0502	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.21	3.87
		For >1,000, Deduct	*-0.71*	
32 84 23 00-0503	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	18.41	4.84
		For >1,000, Deduct	*-0.92*	
32 84 23 00-0504	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	27.67	6.05
		For >1,000, Deduct	*-1.38*	
32 84 23 00-0505		Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0506	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.43	1.21
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0507	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.06	1.45
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0508	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.64	1.83
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0509	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.28	2.30
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0510	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.38	2.69
		For >1,000, Deduct	*-0.57*	
32 84 23 00-0511	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.83	3.87
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0512	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.37	4.84
		For >1,000, Deduct	*-0.87*	
32 84 23 00-0513	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	24.05	6.05
		For >1,000, Deduct	*-1.20*	

32 84 23 00-0514 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*

32 84 23 00-0515	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.66	1.21
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0516	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.31	1.45
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0517	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.87	1.83
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0518	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.52	2.30
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0519	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.63	2.69
		For >1,000, Deduct	*-0.58*	
32 84 23 00-0520	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	14.07	3.87
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0521	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	17.61	4.84
		For >1,000, Deduct	*-0.88*	
32 84 23 00-0522	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	24.29	6.05
		For >1,000, Deduct	*-1.21*	

32 84 23 00-0523 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0450)*

32 84 23 00-0524	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.91	1.21
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0525	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.54	1.45
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0526	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.12	1.83
		For >1,000, Deduct	*-0.41*	
32 84 23 00-0527	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.77	2.30
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0528	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.86	2.69
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0529	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.31	3.87
		For >1,000, Deduct	*-0.72*	
32 84 23 00-0530	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.86	4.84
		For >1,000, Deduct	*-0.89*	
32 84 23 00-0531	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	24.54	6.05
		For >1,000, Deduct	*-1.23*	

32 84 23 00-0532 Irrigation Riser Piping With Fittings *(32 84 23 00-0420)*

32 84 23 00-0533	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	17.72	2.90
32 84 23 00-0534	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	18.96	3.63
32 84 23 00-0535	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	18.86	3.39
32 84 23 00-0536	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.39	4.23
32 84 23 00-0537	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	38.70	5.08
32 84 23 00-0538	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	40.86	6.35
32 84 23 00-0539	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	45.33	6.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0540	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	48.11	8.17
32 84 23 00-0541	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	51.97	7.98
32 84 23 00-0542	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	55.37	9.98
32 84 23 00-0543		**Irrigation Crossover Piping With Fittings** *(32 84 23 00-0420)* Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0105 for #5 concrete pull box, 32 84 23 00-0587 for irrigation wiring.		
32 84 23 00-0544		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench** *(32 84 23 00-0543)*		
32 84 23 00-0545	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	30.28	
		For >1,000, Deduct	*-1.51*	
32 84 23 00-0546	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	42.04	
		For >1,000, Deduct	*-2.10*	
32 84 23 00-0547	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	57.09	
		For >1,000, Deduct	*-2.85*	
32 84 23 00-0548	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	74.77	
		For >1,000, Deduct	*-3.74*	
32 84 23 00-0549		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench** *(32 84 23 00-0543)*		
32 84 23 00-0550	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	31.01	
		For >1,000, Deduct	*-1.55*	
32 84 23 00-0551	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	42.85	
		For >1,000, Deduct	*-2.14*	
32 84 23 00-0552	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	57.99	
		For >1,000, Deduct	*-2.90*	
32 84 23 00-0553	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	75.75	
		For >1,000, Deduct	*-3.79*	
32 84 23 00-0554		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench** *(32 84 23 00-0543)*		
32 84 23 00-0555	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	31.74	
		For >1,000, Deduct	*-1.59*	
32 84 23 00-0556	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	43.66	
		For >1,000, Deduct	*-2.18*	
32 84 23 00-0557	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	58.88	
		For >1,000, Deduct	*-2.94*	
32 84 23 00-0558	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	76.71	
		For >1,000, Deduct	*-3.84*	
32 84 23 00-0559		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore** *(32 84 23 00-0543)*		
32 84 23 00-0560	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	83.09	
		For >1,000, Deduct	*-4.15*	
32 84 23 00-0561	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	105.53	
		For >1,000, Deduct	*-5.28*	
32 84 23 00-0562	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	125.87	
		For >1,000, Deduct	*-6.29*	
32 84 23 00-0563	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	148.80	
		For >1,000, Deduct	*-7.44*	
32 84 23 00-0564		**Below Ground Cam Adapter Assembly** *(32 84 23 00-0420)* Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0565	EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	656.81	
32 84 23 00-0566		**Above Ground Cam Adapter Assembly** *(32 84 23 00-0420)* Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0567	EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	401.16	
32 84 23 00-0568		**Thrust Block** *(32 84 23 00-0420)*		
32 84 23 00-0569	EA	Thrust Block For 1-1/2" Pipe Size And Smaller	33.54	
32 84 23 00-0570	EA	Thrust Block For 2" Pipe	57.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0571	EA	Thrust Block For 3" And 4" Pipe	81.97	
32 84 23 00-0572	EA	Thrust Block For 6" Pipe	130.92	
32 84 23 00-0573	EA	Thrust Block For 8" Pipe	186.48	
32 84 23 00-0574		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0575	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	57.02	19.26
32 84 23 00-0576	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	64.89	21.50
32 84 23 00-0577	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	87.40	21.50
32 84 23 00-0578	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	40.88	25.10
32 84 23 00-0579	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	54.66	33.48
32 84 23 00-0580	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	69.10	41.06
32 84 23 00-0581	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	57.96	25.49
32 84 23 00-0582	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	76.68	33.82
32 84 23 00-0583	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	94.53	41.47
32 84 23 00-0584	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	32.87	15.61
32 84 23 00-0585	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	43.96	20.82
32 84 23 00-0586	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	52.49	25.81
32 84 23 00-0587		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0588		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0587)*		
32 84 23 00-0589	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	48.03	14.52
32 84 23 00-0590	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	63.42	16.94
32 84 23 00-0591	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	73.01	19.36
32 84 23 00-0592	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	83.66	21.78
32 84 23 00-0593	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	95.34	24.20
32 84 23 00-0594	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	114.45	26.61
32 84 23 00-0595	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	132.74	29.03
32 84 23 00-0596	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	144.25	31.44
32 84 23 00-0597	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	158.53	33.86
32 84 23 00-0598	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	175.00	36.28
32 84 23 00-0599	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	180.87	38.70
32 84 23 00-0600	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	187.82	41.12
32 84 23 00-0601	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	198.13	43.54
32 84 23 00-0602		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0587)*		
32 84 23 00-0603	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	50.84	14.52
32 84 23 00-0604		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0587)*		
32 84 23 00-0605	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	50.85	14.52
32 84 23 00-0606		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0587)*		
32 84 23 00-0607	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	69.41	14.52
32 84 23 00-0608		**10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0587)*		
32 84 23 00-0609	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	92.93	14.52
32 84 23 00-0610		**Root Watering Systems** *(32 84 23)* Note: Includes swing assembly.		
32 84 23 00-0611	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	92.39	19.36
		For Root Watering Sand Sock, Add	*4.78*	
32 84 23 00-0612	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	99.84	19.36
		For Root Watering Sand Sock, Add	*4.78*	
32 84 23 00-0613	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	92.39	19.36
		For Root Watering Sand Sock, Add	*4.78*	
32 84 23 00-0614	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	99.84	19.36
		For Root Watering Sand Sock, Add	*4.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0615	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	99.84	19.36
		For Root Watering Sand Sock, Add	*4.78*	
32 84 23 00-0616	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	80.17	16.94
		For Root Watering Sand Sock, Add	*4.30*	
32 84 23 00-0617	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	87.32	16.94
		For Root Watering Sand Sock, Add	*4.30*	
32 84 23 00-0618	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	80.17	16.94
		For Root Watering Sand Sock, Add	*4.30*	
32 84 23 00-0619	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	87.32	16.94
		For Root Watering Sand Sock, Add	*4.30*	
32 84 23 00-0620	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	53.67	14.52
		For Root Watering Sand Sock, Add	*3.82*	
32 84 23 00-0621	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	60.47	14.52
		For Root Watering Sand Sock, Add	*3.82*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001 Mulch *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 91 13 16-0002	CY	Pine Bark Nugget Mulch	97.36
		For >5 To 20, Deduct	*-8.27*
		For >20 To 50, Deduct	*-12.41*
		For >50, Deduct	*-17.27*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	96.19
		For >5 To 20, Deduct	*-8.21*
		For >20 To 50, Deduct	*-12.32*
		For >50, Deduct	*-17.13*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0004	CY	Pine Wood Chip Mulch	93.85
		For >5 To 20, Deduct	*-8.09*
		For >20 To 50, Deduct	*-12.14*
		For >50, Deduct	*-16.83*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0005	CY	Hardwood Chip Mulch	98.54
		For >5 To 20, Deduct	*-8.33*
		For >20 To 50, Deduct	*-12.49*
		For >50, Deduct	*-17.42*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0006	CY	Shredded Hardwood Mulch	98.54
		For >5 To 20, Deduct	*-8.33*
		For >20 To 50, Deduct	*-12.49*
		For >50, Deduct	*-17.42*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0007	CY	Shredded Pine Mulch	87.98
		For >5 To 20, Deduct	*-7.80*
		For >20 To 50, Deduct	*-11.70*
		For >50, Deduct	*-16.10*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0008	CY	Shredded Cedar Mulch	110.85
		For >5 To 20, Deduct	*-8.94*
		For >20 To 50, Deduct	*-13.42*
		For >50, Deduct	*-18.96*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0009	CY	Shredded Cypress Mulch	109.10
		For >5 To 20, Deduct	*-8.86*
		For >20 To 50, Deduct	*-13.29*
		For >50, Deduct	*-18.74*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0010	CY	Shredded Redwood Mulch	113.79
		For >5 To 20, Deduct	*-9.09*
		For >20 To 50, Deduct	*-13.64*
		For >50, Deduct	*-19.33*
		For Work On Slopes >2.5:1, Add	*13.61*
32 91 13 16-0011	CY	Pea Gravel Mulch	101.72
		For >5 To 20, Deduct	*-8.49*
		For >20 To 50, Deduct	*-12.73*
		For >50, Deduct	*-17.82*
		For Work On Slopes >2.5:1, Add	*13.61*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	168.56	
		For >5 To 20, Deduct	*-12.75*	
		For >20 To 50, Deduct	*-19.13*	
		For >50, Deduct	*-27.55*	
		For Work On Slopes >2.5:1, Add	*17.29*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	249.50	
		For >5 To 20, Deduct	*-16.80*	
		For >20 To 50, Deduct	*-25.20*	
		For >50, Deduct	*-37.67*	
		For Work On Slopes >2.5:1, Add	*17.29*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	250.67	
		For >5 To 20, Deduct	*-16.86*	
		For >20 To 50, Deduct	*-25.28*	
		For >50, Deduct	*-37.82*	
		For Work On Slopes >2.5:1, Add	*17.29*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	412.54	
		For >5 To 20, Deduct	*-24.95*	
		For >20 To 50, Deduct	*-37.42*	
		For >50, Deduct	*-58.05*	
		For Work On Slopes >2.5:1, Add	*17.29*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	7.93	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-0.99*	
		For Work On Slopes >2.5:1, Add	*0.77*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	7.69	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.91*	
		For Work On Slopes >2.5:1, Add	*0.57*	
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	319.15	
		For >5 To 20, Deduct	*-19.36*	
		For >20 To 50, Deduct	*-29.04*	
		For >50, Deduct	*-45.00*	
		For Work On Slopes >2.5:1, Add	*13.61*	
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	145.48	
		For >5 To 20, Deduct	*-10.68*	
		For >20 To 50, Deduct	*-16.01*	
		For >50, Deduct	*-23.29*	
		For Work On Slopes >2.5:1, Add	*13.61*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM) Note: (Agri Service or Equal)	86.97	
		For Work On Slopes >2.5:1, Add	*13.61*	
		For >100 To 1,000, Deduct	*-14.55*	
		For >1,000, Deduct	*-22.31*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Prepare And Mix Plant Bed, Up To 8" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.05	
		For Work On Slopes >2.5:1, Add	*0.21*	
32 91 13 26-0003	SF	Prepare And Mix Plant Bed, 9" To 13" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.21	
		For Work On Slopes >2.5:1, Add	*0.24*	
32 91 13 26-0004	SF	Prepare And Mix Plant Bed, 14" To 18" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.43	
		For Work On Slopes >2.5:1, Add	*0.29*	
32 91 13 26-0005	SF	Prepare And Mix Plant Bed By Hand, Up To 8" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	4.77	
		For Work On Slopes >2.5:1, Add	*0.95*	
32 91 13 26-0006	SF	Prepare And Mix Plant Bed By Hand, 9" To 13" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	5.48	
		For Work On Slopes >2.5:1, Add	*1.10*	
32 91 13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.44	
		For Work On Slopes >2.5:1, Add	*1.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0008		Plant Bed Preparation With Humic Compost *(32 91 13 26)*		
32 91 13 26-0009	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 3 CY Per 1,000 SF)	1.18	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.22*	
		For >1,000 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.56*	
		For >20,000, Deduct	*-0.79*	
32 91 13 26-0010	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 6 CY Per 1,000 SF)	1.46	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.27*	
		For >1,000 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000 To 20,000, Deduct	*-0.68*	
		For >20,000, Deduct	*-0.96*	
32 91 13 26-0011	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 9 CY Per 1,000 SF)	1.74	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.31*	
		For >1,000 To 5,000, Deduct	*-0.24*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 20,000, Deduct	*-0.79*	
		For >20,000, Deduct	*-1.12*	
32 91 13 26-0012		Planting Pit Preparation *(32 91 13 26)*		
		Note: Not for use when installing trees and shrubs.		
32 91 13 26-0013	CY	Excavate Planting Pit By Hand, Sandy Soil	82.55	
		Note: For use with existing planting pits.		
		For Work On Slopes >2.5:1, Add	*16.51*	
32 91 13 26-0014	CY	Excavate Planting Pit By Hand, Heavy Soil	165.10	
		Note: For use with existing planting pits.		
		For Work On Slopes >2.5:1, Add	*33.02*	
32 91 13 26-0015	CY	Excavate Planting Pit By Machine, Sandy Soil	13.13	
		Note: For use with existing planting pits.		
		For Work On Slopes >2.5:1, Add	*2.63*	
32 91 13 26-0016	CY	Excavate Planting Pit By Machine, Heavy Soil	17.08	
		Note: For use with existing planting pits.		
		For Work On Slopes >2.5:1, Add	*3.42*	
32 91 13 26-0017	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	73.36	
		For Work On Slopes >2.5:1, Add	*14.67*	
32 91 13 26-0018	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	112.31	
		For Work On Slopes >2.5:1, Add	*13.58*	
32 91 13 26-0019	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	7.12	
		For Work On Slopes >2.5:1, Add	*1.42*	
32 91 13 26-0020	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	63.17	
		For Work On Slopes >2.5:1, Add	*3.75*	
32 91 13 26-0021		Weed Barrier *(32 91 13 26)*		
32 91 13 26-0022	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	2.20	
		For Work On Slopes >2.5:1, Add	*0.13*	
32 91 13 26-0023	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	3.00	
		For Work On Slopes >2.5:1, Add	*0.13*	
32 91 13 26-0024	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	3.35	
		For Work On Slopes >2.5:1, Add	*0.13*	
32 91 13 33		**Soil Conditioners** *(32 91 13)*		
32 91 13 33-0001		Spread Soil Conditioners *(32 91 13 33)*		
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.40	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader	38.25	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader	6.83	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread	2.86	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread	5.25	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.10	
32 91 13 33-0008	MSF	Pelitized Lime, 110 LB/MSF, Tractor Spreader	7.26	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	3.48	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	361.57	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	3.23	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	353.19	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader	0.21	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader	18.89	
32 91 13 36		**Lawn Bed Preparation** *(32 91 13)*		
32 91 13 36-0001		Lawn Bed Preparation *(32 91 13 36)*		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	81.91	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	66.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 36-0004	MSF	Screen Loam By Hand	44.02	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.06	
32 91 13 36-0006	SY	Roll Topsoil By Hand	2.95	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	9.69	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	30.04	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	50.69	
		For >45 to 225, Deduct	*-35.48*	
		For >225, Deduct	*-45.62*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	84.48	
		For >45 to 225, Deduct	*-59.14*	
		For >225, Deduct	*-76.03*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	4.55	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	9.21	
		For Work On Slopes >2.5:1, Add	*1.84*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.71	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.84	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.06	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.17	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	5.57	
		For Work On Slopes >2.5:1, Add	*1.11*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.62	
		For Work On Slopes >2.5:1, Add	*0.12*	
32 91 13 36-0020	SY	Pile Sod By Hand	3.30	
		For Work On Slopes >2.5:1, Add	*0.66*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.14	
		For Work On Slopes >2.5:1, Add	*0.23*	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	4.98	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	4.93	

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	10.81	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	7.20	

32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	7.88	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	63.01	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	3.72	
		For Unscreened, Deduct	*-0.47*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.14	
		For Unscreened, Deduct	*-0.93*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	10.34	
		For Unscreened, Deduct	*-1.40*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	14.94	
		For Unscreened, Deduct	*-2.09*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	19.54	
		For Unscreened, Deduct	*-2.79*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	53.45	
		For Unscreened, Deduct	*-8.38*	

32 91 19 13-0017 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	61.44	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	43.01	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	25.35	

32 92 Turf and Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	210.63	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	26.69	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	19.21	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	161.66	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	21.02	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	14.43	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	136.53	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	14.35	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	9.27	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	41.12	
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	33.26	
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	33.82	
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	36.65	
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	38.68	
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	35.97	
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	32.59	
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	26.22	
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	76.59	
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	46.80	
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	26.15	
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	28.86	
32 92 19 13-0014	MSF	Bermuda, Tractor Spreader Note: 10 LB/MSF spread rate.	43.36	

32 92 19 13-0015 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0016	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	83.71	
		For Spot Areas Up To 1, Add	*91.31*	
		For >1 To 4, Add	*58.80*	
		For >4 To 7.5, Add	*39.91*	
		For >7.5 To 10, Add	*19.96*	
		For >45, Deduct	*-6.81*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0017	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	88.45	
		For Spot Areas Up To 1, Add	*93.21*	
		For >1 To 4, Add	*59.75*	
		For >4 To 7.5, Add	*40.39*	
		For >7.5 To 10, Add	*20.19*	
		For >45, Deduct	*-7.05*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0018	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	83.91	
		For Spot Areas Up To 1, Add	*91.39*	
		For >1 To 4, Add	*58.84*	
		For >4 To 7.5, Add	*39.93*	
		For >7.5 To 10, Add	*19.97*	
		For >45, Deduct	*-6.82*	
		For Tackifier, Add	*1.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0019	MSF	Shade Mix, Hydro Or Air Seeding	83.71	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For Spot Areas Up To 1, Add	*91.31*	
		For >1 To 4, Add	*58.80*	
		For >4 To 7.5, Add	*39.91*	
		For >7.5 To 10, Add	*19.96*	
		For >45, Deduct	*-6.81*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0020	MSF	Turf Mix, Hydro Or Air Seeding	88.45	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For Spot Areas Up To 1, Add	*93.21*	
		For >1 To 4, Add	*59.75*	
		For >4 To 7.5, Add	*40.39*	
		For >7.5 To 10, Add	*20.19*	
		For >45, Deduct	*-7.05*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0021	MSF	Slope Mix, Hydro Or Air Seeding	86.42	
		Note: 6 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*92.40*	
		For >1 To 4, Add	*59.34*	
		For >4 To 7.5, Add	*40.18*	
		For >7.5 To 10, Add	*20.09*	
		For >45, Deduct	*-6.95*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0022	MSF	Utility Mix, Hydro Or Air Seeding	84.78	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*91.74*	
		For >1 To 4, Add	*59.01*	
		For >4 To 7.5, Add	*40.02*	
		For >7.5 To 10, Add	*20.01*	
		For >45, Deduct	*-6.87*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0023	MSF	Wild Flower Mix, Hydro Or Air Seeding	79.51	
		Note: 0.10 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*89.63*	
		For >1 To 4, Add	*57.96*	
		For >4 To 7.5, Add	*39.49*	
		For >7.5 To 10, Add	*19.75*	
		For >45, Deduct	*-6.60*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0024	MSF	Crown Vetch Mix, Hydro Or Air Seeding	127.04	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*108.64*	
		For >1 To 4, Add	*67.46*	
		For >4 To 7.5, Add	*44.25*	
		For >7.5 To 10, Add	*22.12*	
		For >45, Deduct	*-8.98*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0025	MSF	Athletic Mix, Hydro Or Air Seeding	112.16	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For Spot Areas Up To 1, Add	*102.69*	
		For >1 To 4, Add	*64.49*	
		For >4 To 7.5, Add	*42.76*	
		For >7.5 To 10, Add	*21.38*	
		For >45, Deduct	*-8.24*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0026	MSF	White Clover Mix, Hydro Or Air Seeding	73.08	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*87.06*	
		For >1 To 4, Add	*56.67*	
		For >4 To 7.5, Add	*38.85*	
		For >7.5 To 10, Add	*19.43*	
		For >45, Deduct	*-6.28*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0027	MSF	Ladino Clover Mix, Hydro Or Air Seeding	81.00	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*90.23*	
		For >1 To 4, Add	*58.26*	
		For >4 To 7.5, Add	*39.64*	
		For >7.5 To 10, Add	*19.82*	
		For >45, Deduct	*-6.68*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0028	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	85.07	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*91.86*	
		For >1 To 4, Add	*59.07*	
		For >4 To 7.5, Add	*40.05*	
		For >7.5 To 10, Add	*20.02*	
		For >45, Deduct	*-6.88*	
		For Tackifier, Add	*1.33*	
32 92 19 13-0029	MSF	2,500 LB/Acre, High Performance - Flexible Growth Medium	118.81	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-7.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0030	MSF	3,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	138.64	
		For >45, Deduct	*-8.31*	
32 92 19 13-0031	MSF	3,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	158.54	
		For >45, Deduct	*-9.38*	
32 92 19 13-0032	MSF	4,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	178.48	
		For >45, Deduct	*-10.45*	
32 92 19 13-0033	MSF	4,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	198.51	
		For >45, Deduct	*-11.52*	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	101.23	
		For >5 To 20, Deduct	*-7.13*	
		For >20 To 45, Deduct	*-13.78*	
		For >45, Deduct	*-22.50*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand Note: 5.5 LB/MSF spread rate.	93.37	
		For >5 To 20, Deduct	*-6.73*	
		For >20 To 45, Deduct	*-13.19*	
		For >45, Deduct	*-21.72*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	93.93	
		For >5 To 20, Deduct	*-6.76*	
		For >20 To 45, Deduct	*-13.24*	
		For >45, Deduct	*-21.77*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	96.76	
		For >5 To 20, Deduct	*-6.90*	
		For >20 To 45, Deduct	*-13.45*	
		For >45, Deduct	*-22.06*	
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	98.79	
		For >5 To 20, Deduct	*-7.00*	
		For >20 To 45, Deduct	*-13.60*	
		For >45, Deduct	*-22.26*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate.	96.08	
		For >5 To 20, Deduct	*-6.87*	
		For >20 To 45, Deduct	*-13.40*	
		For >45, Deduct	*-21.99*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	92.70	
		For >5 To 20, Deduct	*-6.70*	
		For >20 To 45, Deduct	*-13.14*	
		For >45, Deduct	*-21.65*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand Note: 0.10 LB/MSF spread rate.	86.33	
		For >5 To 20, Deduct	*-6.38*	
		For >20 To 45, Deduct	*-12.67*	
		For >45, Deduct	*-21.01*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	136.70	
		For >5 To 20, Deduct	*-8.90*	
		For >20 To 45, Deduct	*-16.44*	
		For >45, Deduct	*-26.05*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	106.91	
		For >5 To 20, Deduct	*-7.41*	
		For >20 To 45, Deduct	*-14.21*	
		For >45, Deduct	*-23.07*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	86.26	
		For >5 To 20, Deduct	*-6.38*	
		For >20 To 45, Deduct	*-12.66*	
		For >45, Deduct	*-21.01*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	88.97	
		For >5 To 20, Deduct	*-6.51*	
		For >20 To 45, Deduct	*-12.86*	
		For >45, Deduct	*-21.28*	
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	102.51	
		For >5 To 20, Deduct	*-7.19*	
		For >20 To 45, Deduct	*-13.88*	
		For >45, Deduct	*-22.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	98.79	
		For >5 To 20, Deduct	*-7.00*	
		For >20 To 45, Deduct	*-13.60*	
		For >45, Deduct	*-22.26*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	96.08	
		For >5 To 20, Deduct	*-6.87*	
		For >20 To 45, Deduct	*-13.40*	
		For >45, Deduct	*-21.99*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand Note: 4.4 LB/MSF spread rate.	101.50	
		For >5 To 20, Deduct	*-7.14*	
		For >20 To 45, Deduct	*-13.80*	
		For >45, Deduct	*-22.53*	
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	97.43	
		For >5 To 20, Deduct	*-6.94*	
		For >20 To 45, Deduct	*-13.50*	
		For >45, Deduct	*-22.12*	
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	98.79	
		For >5 To 20, Deduct	*-7.00*	
		For >20 To 45, Deduct	*-13.60*	
		For >45, Deduct	*-22.26*	
32 92 19 19-0020	MSF	Bermuda, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	103.47	
		For >5 To 20, Deduct	*-7.24*	
		For >20 To 45, Deduct	*-13.95*	
		For >45, Deduct	*-22.73*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,352.68
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,149.21
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	979.72
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	862.10
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,677.62
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,424.24
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,169.47
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,023.46

32 92 23 00-0010 Zoysia Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	1,925.79
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	1,577.37
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	1,336.52
32 92 23 00-0014	MSF	>8,000 SF, Zoysia Sod, Installed On Level Ground	1,147.54
32 92 23 00-0015	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,248.50
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,852.40
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,526.27
32 92 23 00-0018	MSF	>8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,308.90

32 92 23 00-0019 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	1,899.36
		For Hybrid Fescue "Marathon", Add	*121.68*
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	1,557.55
		For Hybrid Fescue "Marathon", Add	*91.76*
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,320.00
		For Hybrid Fescue "Marathon", Add	*76.80*
32 92 23 00-0023	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,134.32
		For Hybrid Fescue "Marathon", Add	*61.83*
32 92 23 00-0024	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,222.07
		For Hybrid Fescue "Marathon", Add	*121.68*
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,832.58
		For Hybrid Fescue "Marathon", Add	*91.76*
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,509.75
		For Hybrid Fescue "Marathon", Add	*76.80*
32 92 23 00-0027	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,295.68
		For Hybrid Fescue "Marathon", Add	*61.83*

32 92 23 00-0028 Centipede Sod *(32 92 23)*

32 92 23 00-0029	MSF	Up To 1,000 SF, Centipede Sod, Installed On Level Ground	1,705.10
32 92 23 00-0030	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground	1,411.86
32 92 23 00-0031	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground	1,198.59
32 92 23 00-0032	MSF	>8,000 SF, Centipede Sod, Installed On Level Ground	1,037.20

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0033	MSF	Up To 1,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,027.81	
32 92 23 00-0034	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,686.89	
32 92 23 00-0035	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,388.34	
32 92 23 00-0036	MSF	>8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,198.56	

32 92 23 00-0037 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0038	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,627.28	
32 92 23 00-0039	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,353.49	
32 92 23 00-0040	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,149.95	
32 92 23 00-0041	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	998.28	
32 92 23 00-0042	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,949.99	
32 92 23 00-0043	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,628.52	
32 92 23 00-0044	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,339.70	
32 92 23 00-0045	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,159.64	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	30.65	
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	56.66	
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	102.97	
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	187.42	
32 93 13 00-0006	EA	1 Gallon, Distichlis spicata - Saltgrass	10.39	
32 93 13 00-0007	EA	5 Gallon, Distichlis spicata - Saltgrass	27.19	
32 93 13 00-0008	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	23.46	
32 93 13 00-0009	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	31.20	
32 93 13 00-0010	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	33.39	
32 93 13 00-0011	EA	1 Quart, Koeleria glauca - Blue Hair Grass	23.40	
32 93 13 00-0012	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	31.20	
32 93 13 00-0013	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	75.48	
32 93 13 00-0014	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	29.62	
32 93 13 00-0015	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	38.39	
32 93 13 00-0016	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	73.39	
32 93 13 00-0017	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	27.49	
32 93 13 00-0018	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	43.22	
32 93 13 00-0019	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	73.97	
32 93 13 00-0020	EA	1 Gallon, Monathochloe littoralis - Shore Grass	13.00	
32 93 13 00-0021	EA	1 Quart, Pennisetum setaceum - Fountain Grass	25.59	
32 93 13 00-0022	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	65.10	
32 93 13 00-0023	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	85.83	
32 93 13 00-0024	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	81.03	
32 93 13 00-0025	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	91.02	
32 93 13 00-0026	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	150.16	
32 93 13 00-0027	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	43.99	
32 93 13 00-0028	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	65.85	
32 93 13 00-0029	EA	1 Quart, Stipa gigantea - Giant Feather Grass	33.58	
32 93 13 00-0030	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	46.80	
32 93 13 00-0031	EA	1 Gallon, Triglochin maritima - Arrow Grass	7.80	

32 93 13 00-0032 Ground Covers *(32 93 13)*

32 93 13 00-0033	EA	1 Gallon Agave Attenuata - Century Plant	11.44	
32 93 13 00-0034	EA	5 Gallon Agave Attenuata - Century Plant	30.83	
32 93 13 00-0035	EA	15 Gallon Agave Attenuata - Century Plant	101.94	
32 93 13 00-0036	EA	1 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	9.76	
32 93 13 00-0037	EA	5 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	27.15	
32 93 13 00-0038	EA	1 Gallon Ceanothus 'Yankee Point' - Wild Lilac	9.76	
32 93 13 00-0039	EA	5 Gallon Ceanothus 'Yankee Point' - Wild Lilac	25.37	
32 93 13 00-0040	EA	1 Gallon Dietes Vegata - Fortnight Lily	8.55	
32 93 13 00-0041	EA	5 Gallon Dietes Vegata - Fortnight Lily	21.08	
32 93 13 00-0042	EA	1 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	15.89	
32 93 13 00-0043	EA	5 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	41.75	
32 93 13 00-0044	EA	4" Pot Miscanthus 'Morning Light' - NCN	11.91	
32 93 13 00-0045	EA	20 Count Flat Miscanthus 'Morning Light' - NCN	175.75	
32 93 13 00-0046	EA	1 Gallon Nassella Tenuissima - Mexican Feather Grass	15.89	
32 93 13 00-0047	EA	1 Gallon Trachelospermum Jasminoides - Star Jasmine	8.64	
32 93 13 00-0048	EA	5 Gallon Trachelospermum Jasminoides - Star Jasmine	21.65	
32 93 13 00-0049	EA	1 Gallon Westringia Fruticosa - Coast Rosemary	8.55	
32 93 13 00-0050	EA	5 Gallon Westringia Fruticosa - Coast Rosemary	21.08	
32 93 13 00-0051	EA	15 Gallon Westringia Fruticosa - Coast Rosemary	86.52	
32 93 13 00-0052	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	28.61	
32 93 13 00-0053	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	37.24	
32 93 13 00-0054	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	47.14	
32 93 13 00-0055	EA	1 Quart Waldsteinia ternata - Barren Strawberry	8.10	
32 93 13 00-0056	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	19.43	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	26.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	50.20	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	88.52	
32 93 13 00-0060	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	9.06	
32 93 13 00-0061	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	16.73	
32 93 13 00-0062	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	58.83	
32 93 13 00-0063	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	21.96	
32 93 13 00-0064	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	10.79	
32 93 13 00-0065	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	24.61	
32 93 13 00-0066	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	67.36	
32 93 13 00-0067	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	28.31	
32 93 13 00-0068	EA	1 Quart Iberis sempervirens - Candytuft	8.10	
32 93 13 00-0069	EA	1 Gallon Iberis sempervirens - Candytuft	19.43	
32 93 13 00-0070	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	23.32	
32 93 13 00-0071	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	84.20	
32 93 13 00-0072	EA	3" Pot Ajuga reptans - Carpet Bugle	4.86	
32 93 13 00-0073	EA	1 Quart Ajuga reptans - Carpet Bugle	8.09	
32 93 13 00-0074	EA	1 Gallon Ajuga reptans - Carpet Bugle	19.43	
32 93 13 00-0075	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	83.66	
32 93 13 00-0076	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	19.43	
32 93 13 00-0077	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	84.20	
32 93 13 00-0078	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	25.37	
32 93 13 00-0079	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	56.14	
32 93 13 00-0080	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	84.20	
32 93 13 00-0081	EA	1 Gallon Ranunculaceae - Clematis Varieties	27.89	
32 93 13 00-0082	EA	2 Gallon Ranunculaceae - Clematis Varieties	51.58	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	35.08	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	65.85	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	107.95	
32 93 13 00-0086	EA	4" Pot Lantana camera - Common Lantana	4.86	
32 93 13 00-0087	EA	1 Gallon Lantana camera - Common Lantana	14.03	
32 93 13 00-0088	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	16.73	
32 93 13 00-0089	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	55.05	
32 93 13 00-0090	EA	2 Quart Lysimachia nummularia - Creeping Jenny	8.10	
32 93 13 00-0091	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	15.65	
32 93 13 00-0092	EA	2 Quart Liriope spicata - Creeping Lilytuft	14.03	
32 93 13 00-0093	EA	1 Gallon Liriope spicata - Creeping Lilytuft	25.37	
32 93 13 00-0094	EA	5 Gallon Liriope spicata - Creeping Lilytuft	53.44	
32 93 13 00-0095	EA	Bare Root Liriope spicata - Creeping Liriope	3.54	
32 93 13 00-0096	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	4.86	
32 93 13 00-0097	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	19.43	
32 93 13 00-0098	EA	2-1/4" Pot Securigera varia - Crown Vetch	3.24	
32 93 13 00-0099	EA	50 Plant Flat Securigera varia - Crown Vetch	109.57	
32 93 13 00-0100	EA	1 Quart Senecio cineraria - Dusty Miller	8.10	
32 93 13 00-0101	EA	1 Gallon Senecio cineraria - Dusty Miller	19.43	
32 93 13 00-0102	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	67.47	
32 93 13 00-0103	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	123.60	
32 93 13 00-0104	EA	1 Gallon Ilex cornuta - Dwarf Holly	14.66	
32 93 13 00-0105	EA	3 Gallon Ilex cornuta - Dwarf Holly	31.41	
32 93 13 00-0106	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	31.41	
32 93 13 00-0107	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	10.47	
32 93 13 00-0108	EA	2" To 3" Pot Hedera helix - English Ivy	4.86	
32 93 13 00-0109	EA	12" To 15" Runners Hedera helix - English Ivy	8.10	
32 93 13 00-0110	EA	1 Gallon Hedera helix - English Ivy	19.43	
32 93 13 00-0111	EA	50 Plant Flat Hedera helix - English Ivy	112.27	
32 93 13 00-0112	EA	4" Pot Lavandula angustifolia - English Lavender	7.02	
32 93 13 00-0113	EA	1 Quart Lavandula angustifolia - English Lavender	13.49	
32 93 13 00-0114	EA	1 Gallon Lavandula angustifolia - English Lavender	22.13	
32 93 13 00-0115	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	21.05	
32 93 13 00-0116	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	42.10	
32 93 13 00-0117	EA	1 Quart Arundo donax - Giant Reed	25.91	
32 93 13 00-0118	EA	1 Gallon Arundo donax - Giant Reed	37.24	
32 93 13 00-0119	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	22.13	
32 93 13 00-0120	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	42.10	
32 93 13 00-0121	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	28.61	
32 93 13 00-0122	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	43.18	
32 93 13 00-0123	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	4.86	
32 93 13 00-0124	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	22.13	
32 93 13 00-0125	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	42.10	
32 93 13 00-0126	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	19.43	
32 93 13 00-0127	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	64.77	
32 93 13 00-0128	EA	3 Gallon Hibiscus, Assorted Colors	25.31	
32 93 13 00-0129	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	20.24	
32 93 13 00-0130	EA	1 Gallon Jasminum volubile - Wax Jasmine	10.20	
32 93 13 00-0131	EA	1 Gallon Jasminum volubile - Wax Jasmine	25.31	
32 93 13 00-0132	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	12.71	
32 93 13 00-0133	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	28.31	
32 93 13 00-0134	EA	1 Gallon Cissus antarctica - Kangaroo Vine	15.65	
32 93 13 00-0135	EA	5 Gallon Cissus antarctica - Kangaroo Vine	49.12	
32 93 13 00-0136	EA	1 Quart Stachys byzantina - Lamb's Ear	8.10	
32 93 13 00-0137	EA	1 Quart Stachys byzantina - Lamb's Ear	19.43	
32 93 13 00-0138	EA	1 Gallon Lantana spp. Various Colors	11.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0139	EA	1 Gallon Lantana sellowiana - Trailing Lantana	7.54	
32 93 13 00-0140	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	15.65	
32 93 13 00-0141	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	56.13	
32 93 13 00-0142	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	11.46	
32 93 13 00-0143	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	14.45	
32 93 13 00-0144	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	23.11	
32 93 13 00-0145	EA	1 Quart Moss Phlox, Creeping Phlox	8.10	
32 93 13 00-0146	EA	1 Gallon Moss Phlox, Creeping Phlox	19.43	
32 93 13 00-0147	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	10.20	
32 93 13 00-0148	EA	4" Pot Ophiopogon Japonicus - Mondo grass	4.86	
32 93 13 00-0149	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	19.43	
32 93 13 00-0150	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	44.80	
32 93 13 00-0151	EA	2' To 3' High Oregon Holly-Grape	22.43	
32 93 13 00-0152	EA	1 Gallon Pachysandra terminalis - Pachysandra	29.22	
32 93 13 00-0153	EA	2-1/4" Pot Vinca minor - Periwinkle	2.70	
32 93 13 00-0154	EA	4" Pot Vinca minor - Periwinkle	8.10	
32 93 13 00-0155	EA	Bare Root Vinca minor - Periwinkle	2.70	
32 93 13 00-0156	EA	1 Quart Nepeta mussinii - Persian Catmint	8.10	
32 93 13 00-0157	EA	1 Gallon Nepeta mussinii - Persian Catmint	16.73	
32 93 13 00-0158	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	13.49	
32 93 13 00-0159	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	49.12	
32 93 13 00-0160	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	22.13	
32 93 13 00-0161	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	47.50	
32 93 13 00-0162	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	70.17	
32 93 13 00-0163	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	19.27	
32 93 13 00-0164	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	49.94	
32 93 13 00-0165	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	83.66	
32 93 13 00-0166	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	10.20	
32 93 13 00-0167	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	11.34	
32 93 13 00-0168	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	20.24	
32 93 13 00-0169	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	31.58	
32 93 13 00-0170	EA	1 Gallon Hymenocallis latifolia - Spider Lily	12.56	
32 93 13 00-0171	EA	3 Gallon Hymenocallis latifolia - Spider Lily	33.51	
32 93 13 00-0172	EA	1 Quart Hypericum perforatum - St. John's Wort	8.10	
32 93 13 00-0173	EA	1 Gallon Hypericum perforatum - St. John's Wort	19.43	
32 93 13 00-0174	EA	5 Gallon Hypericum perforatum - St. John's Wort	50.20	
32 93 13 00-0175	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	68.31	
32 93 13 00-0176	EA	1 Gallon Campsis radicans - Trumpet Creeper	29.69	
32 93 13 00-0177	EA	2 Gallon Campsis radicans - Trumpet Creeper	44.80	
32 93 13 00-0178	EA	5 Gallon Campsis radicans - Trumpet Creeper	107.95	
32 93 13 00-0179	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	2.70	
32 93 13 00-0180	EA	4" Pot Vinca major - Variegated Greater Periwinkle	8.10	
32 93 13 00-0181	EA	Bare Root Vinca major - Variegated Greater Periwinkle	2.70	
32 93 13 00-0182	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	14.57	
32 93 13 00-0183	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	20.24	
32 93 13 00-0184	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	31.58	
32 93 13 00-0185	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	22.13	
32 93 13 00-0186	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	10.26	
32 93 13 00-0187	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	15.65	
32 93 13 00-0188	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	96.20	
32 93 13 00-0189	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	4.86	
32 93 13 00-0190	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	25.37	
32 93 13 00-0191	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	19.43	
32 93 13 00-0192	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	38.86	
32 93 13 00-0193	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	67.47	
32 93 13 00-0194	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	15.65	
32 93 13 00-0195	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	53.44	
32 93 13 00-0196	EA	1 Gallon Acmispon galaber - Common Deerweed	13.92	
32 93 13 00-0197	EA	1 Gallon Acacia redolens - Bank Catclaw	5.77	
32 93 13 00-0198	EA	5 Gallon Acacia redolens - Bank Catclaw	17.90	
32 93 13 00-0199	EA	15 Gallon Acacia redolens - Bank Catclaw	69.62	
32 93 13 00-0200	EA	1 Gallon Achillea filipendulina - Fernleaf Yarrow	8.55	
32 93 13 00-0201	EA	1 Gallon Achillea millefolium - Common Yarrow	7.76	
32 93 13 00-0202	EA	5 Gallon Achillea millefolium - Common Yarrow	23.87	
32 93 13 00-0203	EA	1 Gallon Achillea millefolium 'Paprika' - Red Yarrow	8.55	
32 93 13 00-0204	EA	1 Gallon Achillea 'Moonshine' - Yellow yarrow	8.55	
32 93 13 00-0205	EA	1 Gallon Agave americana - Century Plant	11.74	
32 93 13 00-0206	EA	5 Gallon Agave americana - Century Plant	31.82	
32 93 13 00-0207	EA	15 Gallon Agave americana - Century Plant	97.46	
32 93 13 00-0208	EA	24" Box Agave americana - Century Plant	348.08	
32 93 13 00-0209	EA	1 Gallon Agave vilmoriniana - Octopus Agave	11.74	
32 93 13 00-0210	EA	5 Gallon Agave vilmoriniana - Octopus Agave	31.82	
32 93 13 00-0211	EA	15 Gallon Agave vilmoriniana - Octopus Agave	97.46	
32 93 13 00-0212	EA	24" Box Agave vilmoriniana - Octopus Agave	348.08	
32 93 13 00-0213	EA	5 Gallon Nolina parryi - Giant Nolina	31.82	

32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	15.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	22.13	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	36.70	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	8.09	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	20.24	
32 93 23 00-0007	EA	1 Quart Balloon Flower	8.09	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	20.24	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	8.09	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	20.24	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	26.18	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	8.09	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	20.24	
32 93 23 00-0014	EA	1 Quart Blank Flower	8.09	
32 93 23 00-0015	EA	1 Gallon Blank Flower	18.62	
32 93 23 00-0016	EA	2 Gallon Blank Flower	26.18	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	8.09	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	20.24	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	13.76	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	23.21	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	8.09	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	20.24	
32 93 23 00-0023	EA	1 Quart Blue Star	14.57	
32 93 23 00-0024	EA	1 Gallon Blue Star	23.21	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	8.09	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	20.24	
32 93 23 00-0027	EA	4" Pot Columbine	4.86	
32 93 23 00-0028	EA	1 Quart Columbine	8.09	
32 93 23 00-0029	EA	1 Gallon Columbine	20.24	
32 93 23 00-0030	EA	1 Quart Common Globeflower	8.09	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	20.24	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	8.09	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	20.24	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	29.15	
32 93 23 00-0035	EA	1 Quart Diploid	10.26	
32 93 23 00-0036	EA	1 Gallon Diploid	23.21	
32 93 23 00-0037	EA	3 Gallon Diploid	39.94	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	11.56	
32 93 23 00-0039	EA	1 Quart Evans Begonia	14.57	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	26.18	
32 93 23 00-0041	EA	1 Quart False Dragonhead	8.09	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	20.24	
32 93 23 00-0043	EA	1 Quart False Spirea	8.09	
32 93 23 00-0044	EA	1 Gallon False Spirea	26.18	
32 93 23 00-0045	EA	3 Gallon False Spirea	36.16	
32 93 23 00-0046	EA	2 Quart False Sunflower	12.95	
32 93 23 00-0047	EA	1 Gallon False Sunflower	20.24	
32 93 23 00-0048	EA	2 Gallon False Sunflower	26.18	
32 93 23 00-0049	EA	1 Gallon Foxglove	18.62	
32 93 23 00-0050	EA	2 Gallon Foxglove	26.18	
32 93 23 00-0051	EA	3 Gallon Foxglove	37.78	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	32.78	
32 93 23 00-0053	EA	1 Quart Garden Phlox	8.09	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	20.24	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	17.27	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	34.82	
32 93 23 00-0057	EA	1 Quart Golden Star	8.09	
32 93 23 00-0058	EA	1 Gallon Golden Star	20.24	
32 93 23 00-0059	EA	1 Quart Goldenrod	8.09	
32 93 23 00-0060	EA	1 Gallon Goldenrod	20.24	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	37.70	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	4.86	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	8.09	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	20.24	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	7.02	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	11.61	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	18.62	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	28.88	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	46.15	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	60.73	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	4.86	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	14.57	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	26.18	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	2.88	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	4.32	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	18.59	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	11.61	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	23.21	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	96.20	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	15.92	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	30.23	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	30.65	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	4.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0084	EA	1 Quart Perennial Salvia	8.09	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	20.24	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	8.09	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	20.24	
32 93 23 00-0088	EA	2 Quart Plantain Lily	15.65	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	22.13	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	36.70	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	69.36	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	14.57	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	20.24	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	26.18	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	8.09	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	20.24	
32 93 23 00-0097	EA	1 Quart Rose Mallow	15.92	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	28.88	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	49.39	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	30.86	
32 93 23 00-0101	EA	1 Quart Siberian Iris	13.76	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	26.18	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	36.16	
32 93 23 00-0104	EA	1 Quart Speedwell	8.09	
32 93 23 00-0105	EA	1 Gallon Speedwell	20.24	
32 93 23 00-0106	EA	1 Quart Tetraploid	20.24	
32 93 23 00-0107	EA	1 Gallon Tetraploid	37.78	
32 93 23 00-0108	EA	3 Gallon Tetraploid	51.55	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	8.09	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	20.24	
32 93 23 00-0111	EA	1 Quart Torch Lily	8.09	
32 93 23 00-0112	EA	1 Quart Bluebeard	14.57	
32 93 23 00-0113	EA	1 Gallon Bluebeard	21.59	
32 93 23 00-0114	EA	2 Gallon Bluebeard	31.58	
32 93 23 00-0115	EA	1 Gallon Anemopsis californica - Yerba Mansa	11.69	
32 93 23 00-0116	EA	1 Gallon Artemisia palmeri - San Diego Sagewort	10.39	
32 93 23 00-0117	EA	1 Gallon Arthrocnemum subterminale - Parish's Pickleweed	13.00	
32 93 23 00-0118	EA	1 Gallon Cressa truxillensis - Alkali Weed	13.00	
32 93 23 00-0119	EA	1 Gallon Frankenia salina - Alkali Heath	10.39	
32 93 23 00-0120	EA	4" Pot Jaumea carnosa - Salt Marsh Daisy	5.20	
32 93 23 00-0121	EA	1 Gallon Jaumea carnosa - Salt Marsh Daisy	10.41	
32 93 23 00-0122	EA	1 Gallon Juncus acutus - Spiny Rush	10.39	
32 93 23 00-0123	EA	5 Gallon Juncus acutus - Spiny Rush	27.19	
32 93 23 00-0124	EA	1 Gallon Limonium californicum - Sea Lavender	10.39	
32 93 23 00-0125	EA	1 Gallon Salicornia virginica - Deer Weed	10.39	
32 93 23 00-0126	EA	1 Gallon Suaeda esteroa - Sea Blite	13.00	
32 93 23 00-0127	EA	1 Gallon Suaeda taxifolia - Wooly Sea Blite	10.39	
32 93 23 00-0128		**Annuals** *(32 93 23)*		
32 93 23 00-0129	EA	2-1/2" Pot Annual Flowers	3.76	
32 93 23 00-0130	EA	3" Pot Annual Flowers	5.08	
32 93 23 00-0131	EA	4" Pot Annual Flowers	10.86	
32 93 23 00-0132	EA	5-1/2" Pot Annual Flowers	14.44	
32 93 23 00-0133	EA	6" Pot Annual Flowers	28.60	
32 93 23 00-0134	EA	8" Pot Annual Flowers	47.67	
32 93 23 00-0135	EA	36 Plant Flat Annual Flowers	62.40	
32 93 23 00-0136	EA	48 Plant Flat Annual Flowers	70.78	
32 93 23 00-0137		**Bulbs** *(32 93 23)*		
32 93 23 00-0138	EA	Top Size Allium giganteum - Giant Ornamental Onion	13.06	
32 93 23 00-0139	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.75	
32 93 23 00-0140	EA	Top Size Crocus Hybrid	0.85	
32 93 23 00-0141	EA	Top Size Eranthis hyemalis - Winter Aconite	1.11	
32 93 23 00-0142	EA	Top Size Galanthus nivalis - Snowdrops	1.41	
32 93 23 00-0143	EA	Top Size Iris reticulata cvs - Dutch Iris	0.55	
32 93 23 00-0144	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.65	
32 93 23 00-0145	EA	Top Size Muscari latifolium - Grape Hyacinth	0.75	
32 93 23 00-0146	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	4.52	
32 93 23 00-0147	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	2.16	
32 93 23 00-0148	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	2.26	
32 93 23 00-0149	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	2.26	
32 93 23 00-0150	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	2.36	
32 93 23 00-0151	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	2.51	
32 93 23 00-0152	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	2.36	
32 93 23 00-0153	EA	Narcissus 'Salome' - Salome Daffodil DNI	2.21	
32 93 23 00-0154	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	2.36	
32 93 23 00-0155	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	2.36	
32 93 23 00-0156	EA	Top Size Scilla siberica - Siberian Squill	0.70	
32 93 23 00-0157	EA	Top Size Tulip 'Angelique' - Angelique Tulip	2.01	
32 93 23 00-0158	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	1.51	
32 93 23 00-0159	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	2.01	
32 93 23 00-0160	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	1.76	

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32 93 23 00-0161	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	2.51	
32 93 23 00-0162	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	1.91	
32 93 23 00-0163	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	1.66	
32 93 23 00-0164	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	1.86	
32 93 23 00-0165	EA	Top Size Tulip clusiana - Species Tulip	1.86	
32 93 23 00-0166	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	1.86	
32 93 23 00-0167	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	1.51	
32 93 23 00-0168	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	1.46	
32 93 23 00-0169	EA	Top Size Tulip 'Halcro' - Halcro Tulip	1.51	
32 93 23 00-0170	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	2.51	
32 93 23 00-0171	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	1.51	
32 93 23 00-0172	EA	Top Size Tulip 'Passionale' - Passionale Tulip	2.01	
32 93 23 00-0173	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	2.16	
32 93 23 00-0174	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	2.26	
32 93 23 00-0175	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	1.81	
32 93 23 00-0176	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	1.71	
32 93 23 00-0177	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	1.86	
32 93 23 00-0178	EA	Top Size Tulip 'Princeps' - Princeps Tulip	1.86	
32 93 23 00-0179	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	1.46	
32 93 23 00-0180	EA	Top Size Tulip saxatilis - Species Tulip	1.00	
32 93 23 00-0181	EA	Top Size Tulip 'Shirley - Shirley Tulip	1.51	
32 93 23 00-0182	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	1.96	
32 93 23 00-0183	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	1.51	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	14.56	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	29.64	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	56.90	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	87.68	
32 93 33 00-0006	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	128.14	
32 93 33 00-0007	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	142.98	
32 93 33 00-0008	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	180.75	
32 93 33 00-0009	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	200.98	
32 93 33 00-0010	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	40.47	
32 93 33 00-0011	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	53.95	
32 93 33 00-0012	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	67.44	
32 93 33 00-0013	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	37.24	
32 93 33 00-0014	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	43.82	
32 93 33 00-0015	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	52.58	
32 93 33 00-0016	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	61.34	
32 93 33 00-0017	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	74.49	
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	36.15	
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	38.34	
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	40.53	
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	46.01	
32 93 33 00-0022	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	36.70	
32 93 33 00-0023	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	38.89	
32 93 33 00-0024	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	41.08	
32 93 33 00-0025	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	43.27	
32 93 33 00-0026	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	7.53	
32 93 33 00-0027	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	17.42	
32 93 33 00-0028	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	8.64	
32 93 33 00-0029	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	21.37	
32 93 33 00-0030	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	8.64	
32 93 33 00-0031	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	21.37	
32 93 33 00-0032	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	8.83	
32 93 33 00-0033	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	19.42	
32 93 33 00-0034	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	26.24	
32 93 33 00-0035	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	9.41	
32 93 33 00-0036	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	13.77	
32 93 33 00-0037	EA	15" To 18" Berberis - Northern Bayberry	39.30	
32 93 33 00-0038	EA	2' To 2-1/2' Berberis - Northern Bayberry	49.89	
32 93 33 00-0039	EA	2-1/2' To 3' Berberis - Northern Bayberry	69.90	
32 93 33 00-0040	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	9.76	
32 93 33 00-0041	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	23.51	
32 93 33 00-0042	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	42.01	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	53.78	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	68.72	
32 93 33 00-0045	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	11.30	
32 93 33 00-0046	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	22.24	
32 93 33 00-0047	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	27.18	
32 93 33 00-0048	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	10.71	
32 93 33 00-0049	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	30.24	
32 93 33 00-0050	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	42.01	
32 93 33 00-0051	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	64.84	
32 93 33 00-0052	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	12.24	
32 93 33 00-0053	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	32.83	
32 93 33 00-0054	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	34.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0055	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	44.95	
32 93 33 00-0056	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	59.90	
32 93 33 00-0057	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	89.90	
32 93 33 00-0058	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	124.85	
32 93 33 00-0059	EA	12" To 15" Buxus sempervirens - Common Boxwood	34.95	
32 93 33 00-0060	EA	15" To 18" Buxus sempervirens - Common Boxwood	44.95	
32 93 33 00-0061	EA	18" To 24" Buxus sempervirens - Common Boxwood	59.90	
32 93 33 00-0062	EA	24" To 30" Buxus sempervirens - Common Boxwood	89.90	
32 93 33 00-0063	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	23.00	
32 93 33 00-0064	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	38.34	
32 93 33 00-0065	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	100.78	
32 93 33 00-0066	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	54.77	
32 93 33 00-0067	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	74.49	
32 93 33 00-0068	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	100.78	
32 93 33 00-0069	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	36.15	
32 93 33 00-0070	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	32.86	
32 93 33 00-0071	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	43.82	
32 93 33 00-0072	EA	1 Gallon Camellia "Sasanqua" - Camellia	10.62	
32 93 33 00-0073	EA	3 Gallon Camellia "Sasanqua" - Camellia	22.66	
32 93 33 00-0074	EA	5 Gallon Camellia "Sasanqua" - Camellia	37.68	
32 93 33 00-0075	EA	7 Gallon Camellia "Sasanqua" - Camellia	56.11	
32 93 33 00-0076	EA	15 Gallon Camellia "Sasanqua" - Camellia	145.58	
32 93 33 00-0077	EA	1 Gallon Camellia japonica - Camellia	10.62	
32 93 33 00-0078	EA	3 Gallon Camellia japonica - Camellia	22.66	
32 93 33 00-0079	EA	5 Gallon Camellia japonica - Camellia	37.68	
32 93 33 00-0080	EA	5 Gallon Ceanothus americanus - New Jersey Tea	36.15	
32 93 33 00-0081	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	9.76	
32 93 33 00-0082	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	25.37	
32 93 33 00-0083	EA	5 Gallon Celastrus scandens - Bittersweet	36.15	
32 93 33 00-0084	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	30.67	
32 93 33 00-0085	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	36.15	
32 93 33 00-0086	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	27.38	
32 93 33 00-0087	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	30.67	
32 93 33 00-0088	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	32.86	
32 93 33 00-0089	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	31.54	
32 93 33 00-0090	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	42.01	
32 93 33 00-0091	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	64.84	
32 93 33 00-0092	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	35.05	
32 93 33 00-0093	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	37.79	
32 93 33 00-0094	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	42.17	
32 93 33 00-0095	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	44.36	
32 93 33 00-0096	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	52.03	
32 93 33 00-0097	EA	1 Gallon Cistus Hybridus - White Rockrose	8.64	
32 93 33 00-0098	EA	5 Gallon Cistus Hybridus - White Rockrose	21.37	
32 93 33 00-0099	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	8.64	
32 93 33 00-0100	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	21.37	
32 93 33 00-0101	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	100.07	
32 93 33 00-0102	EA	2' To 3' Cornus mas - Cornelian Cherry	49.89	
32 93 33 00-0103	EA	3' To 4' Cornus mas - Cornelian Cherry	62.37	
32 93 33 00-0104	EA	4' To 5' Cornus mas - Cornelian Cherry	79.90	
32 93 33 00-0105	EA	5' To 6' Cornus mas - Cornelian Cherry	109.79	
32 93 33 00-0106	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	32.86	
32 93 33 00-0107	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	23.00	
32 93 33 00-0108	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	26.29	
32 93 33 00-0109	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	32.86	
32 93 33 00-0110	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	39.43	
32 93 33 00-0111	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	32.86	
32 93 33 00-0112	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	36.15	
32 93 33 00-0113	EA	5 Gallon Cornus racemosa - Gray Dogwood	36.15	
32 93 33 00-0114	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	32.86	
32 93 33 00-0115	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	38.34	
32 93 33 00-0116	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	41.62	
32 93 33 00-0117	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	50.39	
32 93 33 00-0118	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	35.60	
32 93 33 00-0119	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	39.98	
32 93 33 00-0120	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	45.46	
32 93 33 00-0121	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	28.48	
32 93 33 00-0122	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	32.86	
32 93 33 00-0123	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	35.05	
32 93 33 00-0124	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	38.34	
32 93 33 00-0125	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	42.72	
32 93 33 00-0126	EA	5 Gallon Corylus americana - American Filbert	33.96	
32 93 33 00-0127	EA	30" Balled and Burlapped, Corylus americana - American Filbert	38.34	
32 93 33 00-0128	EA	36" Balled and Burlapped, Corylus americana - American Filbert	41.08	
32 93 33 00-0129	EA	48" Balled and Burlapped, Corylus americana - American Filbert	44.36	
32 93 33 00-0130	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	109.54	
32 93 33 00-0131	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	142.40	
32 93 33 00-0132	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	153.35	
32 93 33 00-0133	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	197.17	
32 93 33 00-0134	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	240.99	
32 93 33 00-0135	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	273.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0136	EA	5' To 6' Cotinus coggygria - Smoke Tree	104.85	
32 93 33 00-0137	EA	6' To 8' Cotinus coggygria - Smoke Tree	157.21	
32 93 33 00-0138	EA	8' To 10' Cotinus coggygria - Smoke Tree	237.12	
32 93 33 00-0139	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	27.38	
32 93 33 00-0140	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	27.38	
32 93 33 00-0141	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	28.48	
32 93 33 00-0142	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	26.24	
32 93 33 00-0143	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	28.48	
32 93 33 00-0144	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	27.38	
32 93 33 00-0145	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	28.48	
32 93 33 00-0146	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	11.30	
32 93 33 00-0147	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	34.95	
32 93 33 00-0148	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	47.19	
32 93 33 00-0149	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	79.90	
32 93 33 00-0150	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	8.64	
32 93 33 00-0151	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	21.37	
32 93 33 00-0152	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	11.30	
32 93 33 00-0153	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	22.24	
32 93 33 00-0154	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	8.64	
32 93 33 00-0155	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	21.37	
32 93 33 00-0156	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	84.83	
32 93 33 00-0157	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	27.93	
32 93 33 00-0158	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	30.67	
32 93 33 00-0159	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	39.43	
32 93 33 00-0160	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	46.01	
32 93 33 00-0161	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	52.58	
32 93 33 00-0162	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	43.82	
32 93 33 00-0163	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	52.58	
32 93 33 00-0164	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	61.34	
32 93 33 00-0165	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	16.43	
32 93 33 00-0166	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	39.43	
32 93 33 00-0167	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	52.58	
32 93 33 00-0168	EA	1 Gallon Elaeagnus - Silverberry	10.08	
32 93 33 00-0169	EA	3 Gallon Elaeagnus - Silverberry	20.16	
32 93 33 00-0170	EA	5 Gallon Elaeagnus - Silverberry	27.71	
32 93 33 00-0171	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	32.71	
32 93 33 00-0172	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	44.95	
32 93 33 00-0173	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	53.78	
32 93 33 00-0174	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	52.37	
32 93 33 00-0175	EA	1 Gallon Euonymus - Gold Spot	9.42	
32 93 33 00-0176	EA	2 Gallon Euonymus - Gold Spot	19.77	
32 93 33 00-0177	EA	5 Gallon Euonymus - Gold Spot	27.18	
32 93 33 00-0178	EA	1 Gallon Euonymus alatus - Winged Euonymus	8.04	
32 93 33 00-0179	EA	3 Gallon Euonymus alatus - Winged Euonymus	23.18	
32 93 33 00-0180	EA	24" Balled and Burlapped, Euonymus alatus - Winged Euonymus	31.24	
32 93 33 00-0181	EA	30" Balled and Burlapped, Euonymus alatus - Winged Euonymus	39.05	
32 93 33 00-0182	EA	36" Balled and Burlapped, Euonymus alatus - Winged Euonymus	53.66	
32 93 33 00-0183	EA	42" Balled and Burlapped, Euonymus alatus - Winged Euonymus	66.26	
32 93 33 00-0184	EA	48" Balled and Burlapped, Euonymus alatus - Winged Euonymus	78.10	
32 93 33 00-0185	EA	54" Balled and Burlapped, Euonymus alatus - Winged Euonymus	100.78	
32 93 33 00-0186	EA	5 Gallon Euonymus alatus - Winged Euonymus	28.97	
32 93 33 00-0187	EA	60" Balled and Burlapped, Euonymus alatus - Winged Euonymus	125.97	
32 93 33 00-0188	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	49.29	
32 93 33 00-0189	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	58.60	
32 93 33 00-0190	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	76.68	
32 93 33 00-0191	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	92.01	
32 93 33 00-0192	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	113.92	
32 93 33 00-0193	EA	18" To 24" Euonymus alatus - Winged Burning Bush	34.95	
32 93 33 00-0194	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	41.19	
32 93 33 00-0195	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	56.25	
32 93 33 00-0196	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	67.43	
32 93 33 00-0197	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	84.84	
32 93 33 00-0198	EA	4' To 5' Euonymus alatus - Winged Burning Bush	119.79	
32 93 33 00-0199	EA	5' To 6' Euonymus alatus - Winged Burning Bush	149.80	
32 93 33 00-0200	EA	6' To 8' Euonymus alatus - Winged Burning Bush	174.75	
32 93 33 00-0201	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	34.95	
32 93 33 00-0202	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	39.89	
32 93 33 00-0203	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	48.72	
32 93 33 00-0204	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	68.72	
32 93 33 00-0205	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	81.20	
32 93 33 00-0206	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	97.32	
32 93 33 00-0207	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	137.33	
32 93 33 00-0208	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	162.27	
32 93 33 00-0209	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	29.58	
32 93 33 00-0210	EA	1 Gallon Euonymus fortunei - Wintercreeper	11.30	
32 93 33 00-0211	EA	2 Gallon Euonymus fortunei - Wintercreeper	22.24	
32 93 33 00-0212	EA	3 Gallon Euonymus fortunei - Wintercreeper	27.18	
32 93 33 00-0213	EA	5 Gallon Euonymus fortunei - Wintercreeper	32.24	
32 93 33 00-0214	EA	2' To 3' Forsythia - Korean Forsythia	24.95	
32 93 33 00-0215	EA	3' To 4' Forsythia - Korean Forsythia	31.54	
32 93 33 00-0216	EA	4' To 5' Forsythia - Korean Forsythia	39.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0217	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	25.19	
32 93 33 00-0218	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	27.93	
32 93 33 00-0219	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	30.12	
32 93 33 00-0220	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	26.29	
32 93 33 00-0221	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	35.05	
32 93 33 00-0222	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	26.29	
32 93 33 00-0223	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	30.67	
32 93 33 00-0224	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	36.15	
32 93 33 00-0225	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	41.62	
32 93 33 00-0226	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	48.20	
32 93 33 00-0227	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	37.24	
32 93 33 00-0228	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	52.08	
32 93 33 00-0229	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	54.77	
32 93 33 00-0230	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	56.96	
32 93 33 00-0231	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	61.34	
32 93 33 00-0232	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	74.49	
32 93 33 00-0233	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	96.39	
32 93 33 00-0234	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	109.54	
32 93 33 00-0235	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	8.12	
32 93 33 00-0236	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	21.30	
32 93 33 00-0237	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	27.18	
32 93 33 00-0238	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	76.68	
32 93 33 00-0239	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	124.87	
32 93 33 00-0240	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	157.74	
32 93 33 00-0241	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	240.99	
32 93 33 00-0242	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	273.85	
32 93 33 00-0243	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	4.66	
32 93 33 00-0244	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	16.38	
32 93 33 00-0245	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	31.49	
32 93 33 00-0246	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	11.94	
32 93 33 00-0247	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	20.16	
32 93 33 00-0248	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	30.48	
32 93 33 00-0249	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	31.54	
32 93 33 00-0250	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	26.83	
32 93 33 00-0251	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	36.24	
32 93 33 00-0252	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	52.37	
32 93 33 00-0253	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	72.37	
32 93 33 00-0254	EA	2 Gallon Hydrangea - Blue Hydrangea	22.24	
32 93 33 00-0255	EA	5 Gallon Hydrangea - Blue Hydrangea	31.30	
32 93 33 00-0256	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	34.95	
32 93 33 00-0257	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	39.89	
32 93 33 00-0258	EA	2 Gallon Hydrangea quercifolia - Oakleaf Hydrangea	22.24	
32 93 33 00-0259	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	38.34	
32 93 33 00-0260	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	41.62	
32 93 33 00-0261	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	48.20	
32 93 33 00-0262	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	50.39	
32 93 33 00-0263	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	39.43	
32 93 33 00-0264	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	52.58	
32 93 33 00-0265	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	23.00	
32 93 33 00-0266	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	27.38	
32 93 33 00-0267	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	23.55	
32 93 33 00-0268	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	25.19	
32 93 33 00-0269	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	28.48	
32 93 33 00-0270	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	32.86	
32 93 33 00-0271	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	43.82	
32 93 33 00-0272	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	31.77	
32 93 33 00-0273	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	36.15	
32 93 33 00-0274	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	42.72	
32 93 33 00-0275	EA	2 Gallon Hypericum kalmianum - St. John's Wort	22.24	
32 93 33 00-0276	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	26.29	
32 93 33 00-0277	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	28.48	
32 93 33 00-0278	EA	1 Gallon Ilex "Carissa" - Holly	11.30	
32 93 33 00-0279	EA	2 Gallon Ilex "Carissa" - Holly	22.24	
32 93 33 00-0280	EA	5 Gallon Ilex "Carissa" - Holly	31.30	
32 93 33 00-0281	EA	18" To 24" Ilex - Gulftide Sweet Holly	30.01	
32 93 33 00-0282	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	38.01	
32 93 33 00-0283	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	49.31	
32 93 33 00-0284	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	59.90	
32 93 33 00-0285	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	22.42	
32 93 33 00-0286	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	11.30	
32 93 33 00-0287	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	22.24	
32 93 33 00-0288	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	32.24	
32 93 33 00-0289	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	11.30	
32 93 33 00-0290	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	24.71	
32 93 33 00-0291	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	32.24	
32 93 33 00-0292	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	24.71	
32 93 33 00-0293	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	29.77	
32 93 33 00-0294	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	59.90	
32 93 33 00-0295	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	79.90	
32 93 33 00-0296	EA	2' To 3' Ilex opaca - American Holly	79.90	
32 93 33 00-0297	EA	3' To 4' Ilex opaca - American Holly	132.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0298	EA	4' To 5' Ilex opaca - American Holly	169.69	
32 93 33 00-0299	EA	5' To 6' Ilex opaca - American Holly	204.64	
32 93 33 00-0300	EA	6' To 7' Ilex opaca - American Holly	287.01	
32 93 33 00-0301	EA	7' To 8' Ilex opaca - American Holly	399.39	
32 93 33 00-0302	EA	8' To 10' Ilex opaca - American Holly	574.02	
32 93 33 00-0303	EA	10' To 12' Ilex opaca - American Holly	873.62	
32 93 33 00-0304	EA	12' To 14' Ilex opaca - American Holly	1,060.73	
32 93 33 00-0305	EA	14' To 16' Ilex opaca - American Holly	1,310.31	
32 93 33 00-0306	EA	2' To 3' Ilex verticillata - Winterberry (Female)	79.90	
32 93 33 00-0307	EA	3' To 4' Ilex verticillata - Winterberry (Female)	104.85	
32 93 33 00-0308	EA	2' To 3' Ilex verticillata - Winterberry (Male)	64.84	
32 93 33 00-0309	EA	3' To 4' Ilex verticillata - Winterberry (Male)	89.90	
32 93 33 00-0310	EA	4' To 5' Ilex verticillata - Winterberry (Male)	104.85	
32 93 33 00-0311	EA	1 Gallon Ilex vomitoria - Yaupon Holly	10.59	
32 93 33 00-0312	EA	3 Gallon Ilex vomitoria - Yaupon Holly	21.30	
32 93 33 00-0313	EA	10 Gallon Ilex vomitoria - Yaupon Holly	74.84	
32 93 33 00-0314	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	33.96	
32 93 33 00-0315	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	38.34	
32 93 33 00-0316	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	43.82	
32 93 33 00-0317	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	40.53	
32 93 33 00-0318	EA	24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly	49.29	
32 93 33 00-0319	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	36.15	
32 93 33 00-0320	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	36.15	
32 93 33 00-0321	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	38.34	
32 93 33 00-0322	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	46.01	
32 93 33 00-0323	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	51.48	
32 93 33 00-0324	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	54.77	
32 93 33 00-0325	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	70.11	
32 93 33 00-0326	EA	4' To 5' Ilex x attenuata "Foster" - Holly	129.80	
32 93 33 00-0327	EA	5' To 6' Ilex x attenuata "Foster" - Holly	172.16	
32 93 33 00-0328	EA	6' To 7' Ilex x attenuata "Foster" - Holly	154.04	
32 93 33 00-0329	EA	7' To 8' Ilex x attenuata "Foster" - Holly	299.48	
32 93 33 00-0330	EA	1 Gallon Jasimnum - Jasmine	2.90	
32 93 33 00-0331	EA	3 Gallon Jasimnum - Jasmine	11.34	
32 93 33 00-0332	EA	3 Gallon Jasimnum - Orange Jasmine	8.82	
32 93 33 00-0333	EA	4' - 5' Jasimnum - Orange Jasmine	100.78	
32 93 33 00-0334	EA	6' - 7' Jasimnum - Orange Jasmine	201.55	
32 93 33 00-0335	EA	8' - 10' Jasimnum - Orange Jasmine	272.10	
32 93 33 00-0336	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	38.34	
32 93 33 00-0337	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	42.72	
32 93 33 00-0338	EA	18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	56.96	
32 93 33 00-0339	EA	24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	74.49	
32 93 33 00-0340	EA	30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	87.63	
32 93 33 00-0341	EA	36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	118.30	
32 93 33 00-0342	EA	48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	162.12	
32 93 33 00-0343	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	18.27	
32 93 33 00-0344	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	38.34	
32 93 33 00-0345	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	42.72	
32 93 33 00-0346	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	46.01	
32 93 33 00-0347	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	50.39	
32 93 33 00-0348	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	61.34	
32 93 33 00-0349	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	74.49	
32 93 33 00-0350	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	29.58	
32 93 33 00-0351	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	35.05	
32 93 33 00-0352	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	48.20	
32 93 33 00-0353	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	61.34	
32 93 33 00-0354	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	74.49	
32 93 33 00-0355	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	27.38	
32 93 33 00-0356	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	32.86	
32 93 33 00-0357	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	28.48	
32 93 33 00-0358	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	54.77	
32 93 33 00-0359	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	85.44	
32 93 33 00-0360	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	107.35	
32 93 33 00-0361	EA	15" To 18" Kalmia latifolia - Mountain Laurel	44.95	
32 93 33 00-0362	EA	18" To 24" Kalmia latifolia - Mountain Laurel	59.90	
32 93 33 00-0363	EA	2' To 3' Kalmia latifolia - Mountain Laurel	87.31	
32 93 33 00-0364	EA	4' To 5' Kalmia latifolia - Mountain Laurel	159.68	
32 93 33 00-0365	EA	5' To 6' Kalmia latifolia - Mountain Laurel	244.65	
32 93 33 00-0366	EA	6' To 8' Kalmia latifolia - Mountain Laurel	374.44	
32 93 33 00-0367	EA	1 Gallon Kerria japonica - Kerria	10.00	
32 93 33 00-0368	EA	5 Gallon Kerria japonica - Kerria	31.30	
32 93 33 00-0369	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	31.77	
32 93 33 00-0370	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	36.15	
32 93 33 00-0371	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	39.43	
32 93 33 00-0372	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	46.01	
32 93 33 00-0373	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	52.58	
32 93 33 00-0374	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	65.72	
32 93 33 00-0375	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	7.53	
32 93 33 00-0376	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	26.83	
32 93 33 00-0377	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	37.42	
32 93 33 00-0378	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	54.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0379	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	87.31	
32 93 33 00-0380	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	113.37	
32 93 33 00-0381	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	151.16	
32 93 33 00-0382	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	314.92	
32 93 33 00-0383	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	11.30	
32 93 33 00-0384	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	24.71	
32 93 33 00-0385	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	29.77	
32 93 33 00-0386	EA	1 Gallon Ligustrum lucidum - Glossy Privet	6.94	
32 93 33 00-0387	EA	5 Gallon Ligustrum lucidum - Glossy Privet	21.30	
32 93 33 00-0388	EA	15 Gallon Ligustrum lucidum - Glossy Privet	99.79	
32 93 33 00-0389	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	6.94	
32 93 33 00-0390	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	14.95	
32 93 33 00-0391	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	19.42	
32 93 33 00-0392	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	32.86	
32 93 33 00-0393	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	48.20	
32 93 33 00-0394	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	61.34	
32 93 33 00-0395	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	70.11	
32 93 33 00-0396	EA	5 Gallon Lindera benzoin - Spicebush	36.15	
32 93 33 00-0397	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	30.67	
32 93 33 00-0398	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	37.24	
32 93 33 00-0399	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	59.90	
32 93 33 00-0400	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	72.37	
32 93 33 00-0401	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	32.86	
32 93 33 00-0402	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	39.43	
32 93 33 00-0403	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	43.82	
32 93 33 00-0404	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	48.20	
32 93 33 00-0405	EA	1 Gallon Myrica cerifera - Wax Myrtle	6.30	
32 93 33 00-0406	EA	4 Gallon Myrica cerifera - Wax Myrtle	20.16	
32 93 33 00-0407	EA	7 Gallon Myrica cerifera - Wax Myrtle	44.09	
32 93 33 00-0408	EA	10 Gallon Myrica cerifera - Wax Myrtle	65.50	
32 93 33 00-0409	EA	15 Gallon Myrica cerifera - Wax Myrtle	100.78	
32 93 33 00-0410	EA	45 Gallon Myrica cerifera - Wax Myrtle	302.33	
32 93 33 00-0411	EA	1' - 2' Myrica cerifera - Wax Myrtle	8.82	
32 93 33 00-0412	EA	3' - 4' Myrica cerifera - Wax Myrtle	30.23	
32 93 33 00-0413	EA	5' - 6' Myrica cerifera - Wax Myrtle	55.43	
32 93 33 00-0414	EA	7' - 8' Myrica cerifera - Wax Myrtle	75.58	
32 93 33 00-0415	EA	9' - 10' Myrica cerifera - Wax Myrtle	100.78	
32 93 33 00-0416	EA	11' - 12' Myrica cerifera - Wax Myrtle	153.68	
32 93 33 00-0417	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	32.86	
32 93 33 00-0418	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	53.67	
32 93 33 00-0419	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	78.87	
32 93 33 00-0420	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	94.20	
32 93 33 00-0421	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	98.59	
32 93 33 00-0422	EA	1 Gallon Nandina domestica - Heavenly Bamboo	11.30	
32 93 33 00-0423	EA	2 Gallon Nandina domestica - Heavenly Bamboo	24.71	
32 93 33 00-0424	EA	5 Gallon Nandina domestica - Heavenly Bamboo	37.42	
32 93 33 00-0425	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	6.94	
32 93 33 00-0426	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	18.83	
32 93 33 00-0427	EA	1 Gallon Philadelphus - Evergreen Mockorange	9.65	
32 93 33 00-0428	EA	5 Gallon Philadelphus - Evergreen Mockorange	31.30	
32 93 33 00-0429	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	32.86	
32 93 33 00-0430	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	38.34	
32 93 33 00-0431	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	43.82	
32 93 33 00-0432	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	32.86	
32 93 33 00-0433	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	38.34	
32 93 33 00-0434	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	43.82	
32 93 33 00-0435	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	54.77	
32 93 33 00-0436	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	65.72	
32 93 33 00-0437	EA	12" To 15" Spread Pieris - Mountain Andromeda	30.24	
32 93 33 00-0438	EA	15" To 18" Spread Pieris - Mountain Andromeda	64.84	
32 93 33 00-0439	EA	12" To 15" Pieris japonica - Japanese Andromeda	39.30	
32 93 33 00-0440	EA	15" To 18" Pieris japonica - Japanese Andromeda	44.95	
32 93 33 00-0441	EA	18" To 24" Pieris japonica - Japanese Andromeda	56.25	
32 93 33 00-0442	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	79.90	
32 93 33 00-0443	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	94.85	
32 93 33 00-0444	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	33.72	
32 93 33 00-0445	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	43.16	
32 93 33 00-0446	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	51.93	
32 93 33 00-0447	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	66.77	
32 93 33 00-0448	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	80.26	
32 93 33 00-0449	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	117.35	
32 93 33 00-0450	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	72.84	
32 93 33 00-0451	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	87.68	
32 93 33 00-0452	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	116.68	
32 93 33 00-0453	EA	1 Gallon Pittosporum - Pittosporum	4.16	
32 93 33 00-0454	EA	3 Gallon Pittosporum - Pittosporum	10.71	
32 93 33 00-0455	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.16	
32 93 33 00-0456	EA	3 Gallon Pittosporum - Varigated Pittosporum	10.71	
32 93 33 00-0457	EA	5 Gallon Pittosporum - Varigated Pittosporum	18.77	
32 93 33 00-0458	EA	1 Gallon Podocarpus macrophyllus - Yew Podocarpus	5.04	
32 93 33 00-0459	EA	3 Gallon Podocarpus macrophyllus - Yew Podocarpus	15.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0460	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	18.62	
32 93 33 00-0461	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	26.29	
32 93 33 00-0462	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	19.72	
32 93 33 00-0463	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	21.91	
32 93 33 00-0464	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	31.77	
32 93 33 00-0465	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	36.70	
32 93 33 00-0466	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	4.64	
32 93 33 00-0467	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	11.59	
32 93 33 00-0468	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	69.12	
32 93 33 00-0469	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	17.68	
32 93 33 00-0470	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	21.88	
32 93 33 00-0471	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	28.47	
32 93 33 00-0472	EA	15" To 18" Prunus triloba - Double White Flowering Almond	15.79	
32 93 33 00-0473	EA	18" To 24" Prunus triloba - Double White Flowering Almond	20.21	
32 93 33 00-0474	EA	3' To 4' Prunus triloba - Double White Flowering Almond	32.24	
32 93 33 00-0475	EA	4' To 6' Prunus triloba - Double White Flowering Almond	64.56	
32 93 33 00-0476	EA	5 Gallon Prunus triloba - Pink Flowering Almond	19.42	
32 93 33 00-0477	EA	18" To 24" Prunus triloba - Pink Flowering Almond	21.81	
32 93 33 00-0478	EA	2' To 3' Prunus triloba - Pink Flowering Almond	25.36	
32 93 33 00-0479	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	17.24	
32 93 33 00-0480	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	21.16	
32 93 33 00-0481	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	25.36	
32 93 33 00-0482	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	29.05	
32 93 33 00-0483	EA	1 Gallon Punica granatum - Dwarf Pomegranate	7.41	
32 93 33 00-0484	EA	3 Gallon Punica granatum - Dwarf Pomegranate	21.89	
32 93 33 00-0485	EA	7 Gallon Punica granatum - Dwarf Pomegranate	44.95	
32 93 33 00-0486	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	9.41	
32 93 33 00-0487	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	31.30	
32 93 33 00-0488	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	64.84	
32 93 33 00-0489	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	7.53	
32 93 33 00-0490	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	14.36	
32 93 33 00-0491	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	25.54	
32 93 33 00-0492	EA	1 Gallon Rhamnus californica - Coffeeberry	11.45	
32 93 33 00-0493	EA	5 Gallon Rhamnus californica - Coffeeberry	32.74	
32 93 33 00-0494	EA	15 Gallon Rhamnus californica - Coffeeberry	98.24	
32 93 33 00-0495	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	57.43	
32 93 33 00-0496	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	78.72	
32 93 33 00-0497	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	102.38	
32 93 33 00-0498	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	187.22	
32 93 33 00-0499	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	12.24	
32 93 33 00-0500	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	24.71	
32 93 33 00-0501	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	32.24	
32 93 33 00-0502	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	37.42	
32 93 33 00-0503	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	43.78	
32 93 33 00-0504	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	54.95	
32 93 33 00-0505	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	79.90	
32 93 33 00-0506	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	112.26	
32 93 33 00-0507	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	13.77	
32 93 33 00-0508	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	24.71	
32 93 33 00-0509	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	42.48	
32 93 33 00-0510	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	54.95	
32 93 33 00-0511	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	79.90	
32 93 33 00-0512	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	117.32	
32 93 33 00-0513	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	157.21	
32 93 33 00-0514	EA	5 Gallon Rhododendron - Boxleaf Azara	31.30	
32 93 33 00-0515	EA	15 Gallon Rhododendron - Boxleaf Azara	112.26	
32 93 33 00-0516	EA	15" To 18" Rhododendron - Carolina Rhododendron	35.42	
32 93 33 00-0517	EA	18" To 24" Rhododendron - Carolina Rhododendron	62.37	
32 93 33 00-0518	EA	24" To 30" Rhododendron - Carolina Rhododendron	92.38	
32 93 33 00-0519	EA	2' To 3' Rhododendron - Five-leafed Azalea	42.01	
32 93 33 00-0520	EA	3' To 4' Rhododendron - Five-leafed Azalea	54.95	
32 93 33 00-0521	EA	4' To 5' Rhododendron - Five-leafed Azalea	72.37	
32 93 33 00-0522	EA	15" To 18" Rhododendron - Ghent Azalea	42.01	
32 93 33 00-0523	EA	18" To 24" Rhododendron - Ghent Azalea	52.37	
32 93 33 00-0524	EA	2' To 3' Rhododendron - Ghent Azalea	84.84	
32 93 33 00-0525	EA	3' To 4' Rhododendron - Ghent Azalea	117.32	
32 93 33 00-0526	EA	4' To 5' Rhododendron - Ghent Azalea	157.21	
32 93 33 00-0527	EA	5' To 6' Rhododendron - Ghent Azalea	209.70	
32 93 33 00-0528	EA	1 Gallon Rhododendron - Hybrid Rhododendron	13.77	
32 93 33 00-0529	EA	2 Gallon Rhododendron - Hybrid Rhododendron	29.77	
32 93 33 00-0530	EA	3 Gallon Rhododendron - Hybrid Rhododendron	42.25	
32 93 33 00-0531	EA	5 Gallon Rhododendron - Hybrid Rhododendron	47.19	
32 93 33 00-0532	EA	15" To 18" Rhododendron - Hybrid Rhododendron	39.89	
32 93 33 00-0533	EA	18" To 24" Rhododendron - Hybrid Rhododendron	54.95	
32 93 33 00-0534	EA	24" To 30" Rhododendron - Hybrid Rhododendron	74.84	
32 93 33 00-0535	EA	30" To 36" Rhododendron - Hybrid Rhododendron	87.32	
32 93 33 00-0536	EA	36" To 42" Rhododendron - Hybrid Rhododendron	124.85	
32 93 33 00-0537	EA	42" To 48" Rhododendron - Hybrid Rhododendron	154.74	
32 93 33 00-0538	EA	15" To 18" Rhododendron - Pjm Rhododendron	44.95	
32 93 33 00-0539	EA	18" To 24" Rhododendron - Pjm Rhododendron	54.95	
32 93 33 00-0540	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	79.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0541	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	102.38	
32 93 33 00-0542	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	124.85	
32 93 33 00-0543	EA	12" To 15" Rhododendron - Torch Azalea	34.95	
32 93 33 00-0544	EA	15" To 18" Rhododendron - Torch Azalea	42.01	
32 93 33 00-0545	EA	18" To 24" Rhododendron - Torch Azalea	52.37	
32 93 33 00-0546	EA	2' To 3' Rhododendron - Torch Azalea	87.32	
32 93 33 00-0547	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	39.43	
32 93 33 00-0548	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	48.20	
32 93 33 00-0549	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	59.15	
32 93 33 00-0550	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	74.49	
32 93 33 00-0551	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	87.63	
32 93 33 00-0552	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	105.16	
32 93 33 00-0553	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	11.30	
32 93 33 00-0554	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	31.30	
32 93 33 00-0555	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	26.29	
32 93 33 00-0556	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	36.15	
32 93 33 00-0557	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	41.62	
32 93 33 00-0558	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	54.77	
32 93 33 00-0559	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	32.86	
32 93 33 00-0560	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	54.77	
32 93 33 00-0561	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	87.63	
32 93 33 00-0562	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	29.58	
32 93 33 00-0563	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	33.96	
32 93 33 00-0564	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	49.29	
32 93 33 00-0565	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	65.72	
32 93 33 00-0566	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	18.07	
32 93 33 00-0567	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	21.91	
32 93 33 00-0568	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	27.38	
32 93 33 00-0569	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	19.72	
32 93 33 00-0570	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	25.19	
32 93 33 00-0571	EA	5 Gallon Sambucus canadensis - American Elder	36.15	
32 93 33 00-0572	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	16.24	
32 93 33 00-0573	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	23.77	
32 93 33 00-0574	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	8.83	
32 93 33 00-0575	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	23.07	
32 93 33 00-0576	EA	1 Gallon Skimmia japonica - Japanese Skimmia	11.30	
32 93 33 00-0577	EA	2 Gallon Skimmia japonica - Japanese Skimmia	22.48	
32 93 33 00-0578	EA	5 Gallon Skimmia japonica - Japanese Skimmia	36.24	
32 93 33 00-0579	EA	3' To 4' Spiraea - Garland Spirea	52.37	
32 93 33 00-0580	EA	4' To 5' Spiraea - Garland Spirea	79.90	
32 93 33 00-0581	EA	5 Gallon Spiraea - Snowmound Spirea	31.30	
32 93 33 00-0582	EA	18" To 24" Spiraea - Snowmound Spirea	25.65	
32 93 33 00-0583	EA	2' To 3' Spiraea - Snowmound Spirea	36.24	
32 93 33 00-0584	EA	3' To 4' Spiraea - Snowmound Spirea	42.01	
32 93 33 00-0585	EA	4' To 5' Spiraea - Snowmound Spirea	72.37	
32 93 33 00-0586	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	11.30	
32 93 33 00-0587	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	22.24	
32 93 33 00-0588	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	25.74	
32 93 33 00-0589	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	27.93	
32 93 33 00-0590	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	28.48	
32 93 33 00-0591	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	32.86	
32 93 33 00-0592	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	37.24	
32 93 33 00-0593	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	43.27	
32 93 33 00-0594	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	17.53	
32 93 33 00-0595	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	26.29	
32 93 33 00-0596	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	24.10	
32 93 33 00-0597	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	28.48	
32 93 33 00-0598	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	32.86	
32 93 33 00-0599	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	37.24	
32 93 33 00-0600	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	48.20	
32 93 33 00-0601	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	11.30	
32 93 33 00-0602	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	20.26	
32 93 33 00-0603	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	26.29	
32 93 33 00-0604	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	23.00	
32 93 33 00-0605	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	27.93	
32 93 33 00-0606	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	32.86	
32 93 33 00-0607	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	37.24	
32 93 33 00-0608	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	26.29	
32 93 33 00-0609	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	26.29	
32 93 33 00-0610	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	30.67	
32 93 33 00-0611	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	41.62	
32 93 33 00-0612	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	48.20	
32 93 33 00-0613	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	56.96	
32 93 33 00-0614	EA	5 Gallon Staphylea trifolia - Bladdernut	36.98	
32 93 33 00-0615	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	26.29	
32 93 33 00-0616	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	28.48	
32 93 33 00-0617	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	32.86	
32 93 33 00-0618	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	39.43	
32 93 33 00-0619	EA	2 Gallon Symphoricarpos albus - Common Snowberry	27.38	
32 93 33 00-0620	EA	5 Gallon Symphoricarpos albus - Common Snowberry	29.03	
32 93 33 00-0621	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	48.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0622	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	60.25	
32 93 33 00-0623	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	70.11	
32 93 33 00-0624	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	81.06	
32 93 33 00-0625	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	48.20	
32 93 33 00-0626	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	52.58	
32 93 33 00-0627	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	60.25	
32 93 33 00-0628	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	70.11	
32 93 33 00-0629	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	81.06	
32 93 33 00-0630	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	38.34	
32 93 33 00-0631	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	41.62	
32 93 33 00-0632	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	32.86	
32 93 33 00-0633	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	37.24	
32 93 33 00-0634	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	41.62	
32 93 33 00-0635	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	48.20	
32 93 33 00-0636	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	59.15	
32 93 33 00-0637	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	27.38	
32 93 33 00-0638	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	31.77	
32 93 33 00-0639	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	41.62	
32 93 33 00-0640	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	174.17	
32 93 33 00-0641	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	194.98	
32 93 33 00-0642	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	214.70	
32 93 33 00-0643	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	258.51	
32 93 33 00-0644	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	46.01	
32 93 33 00-0645	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	60.25	
32 93 33 00-0646	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	70.11	
32 93 33 00-0647	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	76.68	
32 93 33 00-0648	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	46.01	
32 93 33 00-0649	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	60.25	
32 93 33 00-0650	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	71.20	
32 93 33 00-0651	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	84.35	
32 93 33 00-0652	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	127.07	
32 93 33 00-0653	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	70.11	
32 93 33 00-0654	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	94.20	
32 93 33 00-0655	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	142.40	
32 93 33 00-0656	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	208.12	
32 93 33 00-0657	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	238.80	
32 93 33 00-0658	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	277.13	
32 93 33 00-0659	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	30.67	
32 93 33 00-0660	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	42.72	
32 93 33 00-0661	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	60.25	
32 93 33 00-0662	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	52.37	
32 93 33 00-0663	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	79.90	
32 93 33 00-0664	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	104.85	
32 93 33 00-0665	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	6.35	
32 93 33 00-0666	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	17.42	
32 93 33 00-0667	EA	5 Gallon Viburnum plicatum - Japanese Snowball	31.30	
32 93 33 00-0668	EA	5' To 6' Viburnum plicatum - Japanese Snowball	117.32	
32 93 33 00-0669	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	54.96	
32 93 33 00-0670	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	64.84	
32 93 33 00-0671	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	91.20	
32 93 33 00-0672	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	60.25	
32 93 33 00-0673	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	72.30	
32 93 33 00-0674	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	54.77	
32 93 33 00-0675	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	65.72	
32 93 33 00-0676	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	76.68	
32 93 33 00-0677	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	87.63	
32 93 33 00-0678	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	30.67	
32 93 33 00-0679	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	32.86	
32 93 33 00-0680	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	38.34	
32 93 33 00-0681	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	43.82	
32 93 33 00-0682	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	48.20	
32 93 33 00-0683	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	29.58	
32 93 33 00-0684	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	32.86	
32 93 33 00-0685	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	41.62	
32 93 33 00-0686	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	48.20	
32 93 33 00-0687	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	65.72	
32 93 33 00-0688	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	78.87	
32 93 33 00-0689	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	32.86	
32 93 33 00-0690	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	43.82	
32 93 33 00-0691	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	54.77	
32 93 33 00-0692	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	76.68	
32 93 33 00-0693	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	109.54	
32 93 33 00-0694	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	153.35	
32 93 33 00-0695	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	197.17	
32 93 33 00-0696	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	39.43	
32 93 33 00-0697	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	43.82	
32 93 33 00-0698	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	78.87	
32 93 33 00-0699	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	120.49	
32 93 33 00-0700	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	153.35	
32 93 33 00-0701	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	186.22	
32 93 33 00-0702	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	230.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0703	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	273.85	
32 93 33 00-0704	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	328.62	
32 93 33 00-0705	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	383.39	
32 93 33 00-0706	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	33.41	
32 93 33 00-0707	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	36.70	
32 93 33 00-0708	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	41.62	
32 93 33 00-0709	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	48.20	
32 93 33 00-0710	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	55.32	
32 93 33 00-0711	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	31.77	
32 93 33 00-0712	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	38.34	
32 93 33 00-0713	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	46.01	
32 93 33 00-0714	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	52.58	
32 93 33 00-0715	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	63.53	
32 93 33 00-0716	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	70.11	
32 93 33 00-0717	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	54.77	
32 93 33 00-0718	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	65.72	
32 93 33 00-0719	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	76.68	
32 93 33 00-0720	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	87.63	
32 93 33 00-0721	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	98.59	
32 93 33 00-0722	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	70.11	
32 93 33 00-0723	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	78.87	
32 93 33 00-0724	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	89.82	
32 93 33 00-0725	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	102.97	
32 93 33 00-0726	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	64.84	
32 93 33 00-0727	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	79.90	
32 93 33 00-0728	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	117.32	
32 93 33 00-0729	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	36.15	
32 93 33 00-0730	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	32.86	
32 93 33 00-0731	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	37.24	
32 93 33 00-0732	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	41.62	
32 93 33 00-0733	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	48.20	
32 93 33 00-0734	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	54.77	
32 93 33 00-0735	EA	1 Gallon Xylosma congestum - Shiny Xylosma	7.53	
32 93 33 00-0736	EA	5 Gallon Xylosma congestum - Shiny Xylosma	21.30	
32 93 33 00-0737	EA	15 Gallon Xylosma congestum - Shiny Xylosma	93.67	
32 93 33 00-0738	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	6.35	
32 93 33 00-0739	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	16.83	
32 93 33 00-0740	EA	1 Gallon Yucca filamentosa - Adams Needle	8.83	
32 93 33 00-0741	EA	3 Gallon Yucca filamentosa - Adams Needle	17.18	
32 93 33 00-0742	EA	5 Gallon Yucca filamentosa - Adams Needle	27.18	
32 93 33 00-0743	EA	5 Gallon Border Forsythia - Goldenbells	30.24	
32 93 33 00-0744	EA	2' To 3' Border Forsythia - Goldenbells	24.95	
32 93 33 00-0745	EA	3' To 4' Border Forsythia - Goldenbells	31.54	
32 93 33 00-0746	EA	4' To 5' Border Forsythia - Goldenbells	39.30	
32 93 33 00-0747	EA	5' To 6' Border Forsythia - Goldenbells	47.19	
32 93 33 00-0748	EA	6' To 8' Border Forsythia - Goldenbells	64.84	
32 93 33 00-0749	EA	3' Juniperus chinensis - Columnar Chinese Juniper	64.24	
32 93 33 00-0750	EA	4' Juniperus chinensis - Columnar Chinese Juniper	88.18	
32 93 33 00-0751	EA	5' Juniperus chinensis - Columnar Chinese Juniper	138.57	
32 93 33 00-0752	EA	6' Juniperus chinensis - Columnar Chinese Juniper	161.24	
32 93 33 00-0753	EA	7' Juniperus chinensis - Columnar Chinese Juniper	211.63	
32 93 33 00-0754	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	12.60	
32 93 33 00-0755	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	17.64	
32 93 33 00-0756	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	42.70	
32 93 33 00-0757	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	12.60	
32 93 33 00-0758	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	17.64	
32 93 33 00-0759	EA	Belle Poitvine Roses	50.39	
32 93 33 00-0760	EA	3 Gallon Bird Of Paradise	22.67	
32 93 33 00-0761	EA	5 Gallon Bird Of Paradise	35.27	
32 93 33 00-0762	EA	7 Gallon Bird Of Paradise	47.87	
32 93 33 00-0763	EA	10 Gallon Bird Of Paradise	95.74	
32 93 33 00-0764	EA	18" Bonica Roses	57.95	
32 93 33 00-0765	EA	1 Gallon Burmese Grape	10.08	
32 93 33 00-0766	EA	5 Gallon Burmese Grape	27.71	
32 93 33 00-0767	EA	15 Gallon Burmese Grape	103.30	
32 93 33 00-0768	EA	6" To 9" Canby Paxistima	20.16	
32 93 33 00-0769	EA	9" To 12" Canby Paxistima	25.19	
32 93 33 00-0770	EA	12" To 15" Canby Paxistima	32.75	
32 93 33 00-0771	EA	5 Gallon Chastetree	35.27	
32 93 33 00-0772	EA	3' Chinese Lilac	50.39	
32 93 33 00-0773	EA	4' Chinese Lilac	62.98	
32 93 33 00-0774	EA	5' Chinese Lilac	85.66	
32 93 33 00-0775	EA	1 Gallon Christmas Berry	12.60	
32 93 33 00-0776	EA	2 Gallon Christmas Berry	27.71	
32 93 33 00-0777	EA	5 Gallon Christmas Berry	40.31	
32 93 33 00-0778	EA	15 Gallon Christmas Berry	186.44	
32 93 33 00-0779	EA	1 Gallon Concha Wild Lilac	10.08	
32 93 33 00-0780	EA	5 Gallon Concha Wild Lilac	25.19	
32 93 33 00-0781	EA	1 Gallon Flower Carpet Roses	25.19	
32 93 33 00-0782	EA	3 Gallon Flower Carpet Roses	47.87	
32 93 33 00-0783	EA	Goldfinger Potentillas	40.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0784	EA	Green Mound Alpine Currents	50.39	
32 93 33 00-0785	EA	24" Gro-Low Sumacs	50.39	
32 93 33 00-0786	EA	3 Gallon Heliconia	22.67	
32 93 33 00-0787	EA	1' Ibolium Private	2.52	
32 93 33 00-0788	EA	2' Ibolium Private	10.08	
32 93 33 00-0789	EA	3' Ibolium Private	17.64	
32 93 33 00-0790	EA	5 Gallon Japanese Privit	27.71	
32 93 33 00-0791	EA	24" Spirea - Little Princess	52.91	
32 93 33 00-0792	EA	2' Longstalk Holly	50.39	
32 93 33 00-0793	EA	2-1/2' Longstalk Holly	68.02	
32 93 33 00-0794	EA	3' Longstalk Holly	85.66	
32 93 33 00-0795	EA	3-1/2' Longstalk Holly	95.74	
32 93 33 00-0796	EA	3 Gallon Low Dense Pyracantha	25.19	
32 93 33 00-0797	EA	1 Gallon Pacific Wax Myrtle	7.56	
32 93 33 00-0798	EA	5 Gallon Pacific Wax Myrtle	25.19	
32 93 33 00-0799	EA	1 Gallon Red Escallonia	7.56	
32 93 33 00-0800	EA	5 Gallon Red Escallonia	25.19	
32 93 33 00-0801	EA	15 Gallon Red Escallonia	103.30	
32 93 33 00-0802	EA	24" Smooth Hydrangeas	60.47	
32 93 33 00-0803	EA	15" To 18" Somerset Burkwood Daphne	40.31	
32 93 33 00-0804	EA	18" To 24" Somerset Burkwood Daphne	52.91	
32 93 33 00-0805	EA	1 Gallon Spring Bouquet Laurustinis	7.56	
32 93 33 00-0806	EA	5 Gallon Spring Bouquet Laurustinis	27.71	
32 93 33 00-0807	EA	15" To 18" Summersweet	30.23	
32 93 33 00-0808	EA	18" To 24" Summersweet	35.27	
32 93 33 00-0809	EA	2' Sweet Shrubs	40.31	
32 93 33 00-0810	EA	3' Sweet Shrubs	52.91	
32 93 33 00-0811	EA	1 Gallon Variegated Silverberry	7.56	
32 93 33 00-0812	EA	3 Gallon Variegated Silverberry	17.64	
32 93 33 00-0813	EA	15 Gallon Variegated Silverberry	103.30	
32 93 33 00-0814	EA	1 Gallon Variegated Winter Daphne	12.60	
32 93 33 00-0815	EA	5 Gallon Variegated Winter Daphne	40.31	
32 93 33 00-0816	EA	15 Gallon Variegated Winter Daphne	186.44	
32 93 33 00-0817	EA	2' To 3' Virginia Sweetspire	88.18	
32 93 33 00-0818	EA	1 Gallon Warminster Broom	12.60	
32 93 33 00-0819	EA	2 Gallon Warminster Broom	25.19	
32 93 33 00-0820	EA	5 Gallon Warminster Broom	35.27	
32 93 33 00-0821	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	7.76	
32 93 33 00-0822	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	23.87	
32 93 33 00-0823	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	77.57	
32 93 33 00-0824	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	19.89	
32 93 33 00-0825	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	49.72	
32 93 33 00-0826	EA	5 Gallon Senna artemisioides - Feathery Cassia	23.87	
32 93 33 00-0827	EA	15 Gallon Senna artemisioides - Feathery Cassia	94.97	
32 93 33 00-0828	EA	24" Box Senna artemisioides - Feathery Cassia	298.35	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	410.25	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	501.42	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	569.79	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	660.96	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	752.13	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	888.88	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	215.93	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,458.67	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,823.34	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	364.67	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	911.67	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	1,185.17	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	1,367.50	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,549.84	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,823.34	
32 93 43 00-0017	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	87.63	
32 93 43 00-0018	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	109.54	
32 93 43 00-0019	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	135.83	
32 93 43 00-0020	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	109.54	
32 93 43 00-0021	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	131.45	
32 93 43 00-0022	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	153.35	
32 93 43 00-0023	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	175.26	
32 93 43 00-0024	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	197.17	
32 93 43 00-0025	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	219.08	
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	251.94	
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	284.80	
32 93 43 00-0028	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	328.62	
32 93 43 00-0029	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	251.94	
32 93 43 00-0030	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	295.76	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0031	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	339.57	
32 93 43 00-0032	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	372.43	
32 93 43 00-0033	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	87.63	
32 93 43 00-0034	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	186.22	
32 93 43 00-0035	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	240.99	
32 93 43 00-0036	EA	2' To 4' Amelemchier - Juneberry	26.67	
32 93 43 00-0037	EA	4' To 5' Amelemchier - Juneberry	27.98	
32 93 43 00-0038	EA	5' To 6' Amelemchier - Juneberry	33.32	
32 93 43 00-0039	EA	6' To 8' Amelemchier - Juneberry	39.75	
32 93 43 00-0040	EA	15 Gallon Chilopsis linearis - Desert Willow	52.74	
32 93 43 00-0041	EA	24" Box Chilopsis linearis - Desert Willow	169.85	
32 93 43 00-0042	EA	36" Box Chilopsis linearis - Desert Willow	446.98	
32 93 43 00-0043	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	52.74	
32 93 43 00-0044	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	143.04	
32 93 43 00-0045	EA	36" Box Chionanthus retusus - Chinese Fringe Tree	491.68	
32 93 43 00-0046	EA	1 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	8.85	
32 93 43 00-0047	EA	5 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	21.90	
32 93 43 00-0048	EA	15 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	70.62	
32 93 43 00-0049	EA	1 Gallon Jacaranda mimosifolia - Jacaranda	5.81	
32 93 43 00-0050	EA	5 Gallon Jacaranda mimosifolia - Jacaranda	16.09	
32 93 43 00-0051	EA	15 Gallon Jacaranda mimosifolia - Jacaranda	43.80	
32 93 43 00-0052	EA	24" Box Jacaranda mimosifolia - Jacaranda	143.04	
32 93 43 00-0053	EA	36" Box Jacaranda mimosifolia - Jacaranda	402.29	
32 93 43 00-0054	EA	1 Gallon Koelreuteria bipinnata - Chinese Flame Tree	5.81	
32 93 43 00-0055	EA	5 Gallon Koelreuteria bipinnata - Chinese Flame Tree	16.09	
32 93 43 00-0056	EA	15 Gallon Koelreuteria bipinnata - Chinese Flame Tree	52.74	
32 93 43 00-0057	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	26.02	
32 93 43 00-0058	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	109.64	
32 93 43 00-0059	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	297.33	
32 93 43 00-0060	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	836.24	
32 93 43 00-0061	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,137.04	
32 93 43 00-0062	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	26.02	
32 93 43 00-0063	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	109.64	
32 93 43 00-0064	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	297.33	
32 93 43 00-0065	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	836.24	
32 93 43 00-0066	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,137.04	
32 93 43 00-0067	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	26.02	
32 93 43 00-0068	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	109.64	
32 93 43 00-0069	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	297.33	
32 93 43 00-0070	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	836.24	
32 93 43 00-0071	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,137.04	
32 93 43 00-0072	EA	15 Gallon Macadamia integrifolia - Smoothshell macadamia	134.10	
32 93 43 00-0073	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	86.39	
32 93 43 00-0074	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	129.58	
32 93 43 00-0075	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	161.98	
32 93 43 00-0076	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	201.74	
32 93 43 00-0077	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	341.88	
32 93 43 00-0078	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	455.83	
32 93 43 00-0079	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	592.59	
32 93 43 00-0080	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	660.96	
32 93 43 00-0081	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	797.71	
32 93 43 00-0082	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	888.88	
32 93 43 00-0083	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	341.88	
32 93 43 00-0084	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	455.83	
32 93 43 00-0085	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	592.59	
32 93 43 00-0086	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	660.96	
32 93 43 00-0087	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	797.71	
32 93 43 00-0088	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	888.88	
32 93 43 00-0089	EA	1 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	5.14	
32 93 43 00-0090	EA	5 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	24.58	
32 93 43 00-0091	EA	15 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	42.46	
32 93 43 00-0092	EA	15 Gallon Melia azedarach - China Berry	50.95	
32 93 43 00-0093	EA	24" Box Melia azedarach - China Berry	168.06	
32 93 43 00-0094	EA	1 Gallon Pittosporum undulatum - Victorian Box	10.92	
32 93 43 00-0095	EA	5 Gallon Pittosporum undulatum - Victorian Box	23.52	
32 93 43 00-0096	EA	15 Gallon Pittosporum undulatum - Victorian Box	132.74	
32 93 43 00-0097	EA	24" Box Pittosporum undulatum - Victorian Box	319.26	
32 93 43 00-0098	EA	36" Box Pittosporum undulatum - Victorian Box	924.16	
32 93 43 00-0099	EA	48" Box Pittosporum undulatum - Victorian Box	2,100.38	
32 93 43 00-0100	EA	5 Gallon Platanus Racemosa - California Sycamore	16.09	
32 93 43 00-0101	EA	15 Gallon Platanus Racemosa - California Sycamore	43.80	
32 93 43 00-0102	EA	24" Box Platanus Racemosa - California Sycamore	143.04	
32 93 43 00-0103		36" Box Platanus Racemosa - California Sycamore	402.29	
32 93 43 00-0104	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	5.16	
32 93 43 00-0105	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	21.84	
32 93 43 00-0106	EA	20 Gallon Prunus subhirtella - Flowering Cherry	360.51	
32 93 43 00-0107	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	372.66	
32 93 43 00-0108	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	465.78	
32 93 43 00-0109	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	972.04	
32 93 43 00-0110	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	749.17	
32 93 43 00-0111	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	1,458.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0112	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	93.12	
32 93 43 00-0113	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	255.06	
32 93 43 00-0114	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	332.18	
32 93 43 00-0115	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	105.26	
32 93 43 00-0116	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	202.43	
32 93 43 00-0117	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	372.66	
32 93 43 00-0118	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	445.53	
32 93 43 00-0119	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	291.69	
32 93 43 00-0120	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	242.91	
32 93 43 00-0121	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	356.27	
32 93 43 00-0122	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	425.29	
32 93 43 00-0123	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	546.75	
32 93 43 00-0124	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	281.47	
32 93 43 00-0125	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	351.84	
32 93 43 00-0126	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	365.91	
32 93 43 00-0127	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	436.28	
32 93 43 00-0128	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	591.09	
32 93 43 00-0129	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	774.05	
32 93 43 00-0130	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	985.15	
32 93 43 00-0131	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	281.47	
32 93 43 00-0132	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	351.84	
32 93 43 00-0133	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	239.25	
32 93 43 00-0134	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	365.91	
32 93 43 00-0135	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	435.90	
32 93 43 00-0136	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	591.09	
32 93 43 00-0137	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	774.05	
32 93 43 00-0138	EA	5 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	19.87	
32 93 43 00-0139	EA	15 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	51.65	
32 93 43 00-0140	EA	24" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	178.79	
32 93 43 00-0141	EA	36" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	476.78	
32 93 43 00-0142	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	512.71	
32 93 43 00-0143	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	640.89	
32 93 43 00-0144	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	794.71	
32 93 43 00-0145	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	897.25	
32 93 43 00-0146	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	999.79	
32 93 43 00-0147	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,281.78	
32 93 43 00-0148	EA	5 Gallon Quercus kelloggii - California Black Oak	40.23	
32 93 43 00-0149	EA	15 Gallon Quercus kelloggii - California Black Oak	71.52	
32 93 43 00-0150	EA	1 Gallon Quercus lobata - Valley Oak	8.04	
32 93 43 00-0151	EA	5 Gallon Quercus lobata - Valley Oak	24.13	
32 93 43 00-0152	EA	15 Gallon Quercus lobata - Valley Oak	72.40	
32 93 43 00-0153	EA	1 Gallon Ribes aureum - Golden Current	4.51	
32 93 43 00-0154	EA	5 Gallon Ribes aureum - Golden Current	12.91	
32 93 43 00-0155	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	4.51	
32 93 43 00-0156	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	12.91	
32 93 43 00-0157	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	4.51	
32 93 43 00-0158	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	12.91	
32 93 43 00-0159	EA	8' Cassia leptophlia - Gold Medallion Tree	362.19	
32 93 43 00-0160	EA	10' Cassia leptophlia - Gold Medallion Tree	459.71	
32 93 43 00-0161	EA	12' Cassia leptophlia - Gold Medallion Tree	557.22	
32 93 43 00-0162	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	40.88	
32 93 43 00-0163	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	107.78	
32 93 43 00-0164	EA	24" Box Celtis Sinensis - Chinese Hackberry	353.08	
32 93 43 00-0165	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,031.36	
32 93 43 00-0166	EA	15 Gallon Cercis canadensis - American Redbud, Eastern Redbud	70.62	
32 93 43 00-0167	EA	24" Box Cercis canadensis - American Redbud, Eastern Redbud	169.85	
32 93 43 00-0168	EA	36" Box Cercis canadensis - American Redbud, Eastern Redbud	446.98	
32 93 43 00-0169	EA	1 Gallon Cercis occidentalis - Western Redbud	5.81	
32 93 43 00-0170	EA	5 Gallon Cercis occidentalis - Western Redbud	21.90	
32 93 43 00-0171	EA	15 Gallon Cercis occidentalis - Western Redbud	70.62	
32 93 43 00-0172	EA	24" Box Cercis occidentalis - Western Redbud	169.85	
32 93 43 00-0173	EA	36" Box Cercis occidentalis - Western Redbud	491.68	
32 93 43 00-0174	EA	1 Gallon Chitalpa tashkentensis - Chitalpa	4.02	
32 93 43 00-0175	EA	5 Gallon Chitalpa tashkentensis - Chitalpa	12.52	
32 93 43 00-0176	EA	15 Gallon Chitalpa tashkentensis - Chitalpa	43.80	
32 93 43 00-0177	EA	24" Box Chitalpa tashkentensis - Chitalpa	143.04	
32 93 43 00-0178	EA	36" Box Chitalpa tashkentensis - Chitalpa	402.29	
32 93 43 00-0179	EA	6' Magnolia grandiflora 'St. Mary's'	417.92	
32 93 43 00-0180	EA	8' Magnolia grandiflora 'St. Mary's'	738.32	
32 93 43 00-0181	EA	10' Magnolia grandiflora 'St. Mary's'	927.77	
32 93 43 00-0182	EA	12' Magnolia grandiflora 'St. Mary's'	1,114.44	
32 93 43 00-0183	EA	14' Magnolia grandiflora 'St. Mary's'	1,295.54	
32 93 43 00-0184	EA	16' Magnolia grandiflora 'St. Mary's'	1,532.36	
32 93 43 00-0185	EA	24" Box Magnolia grandiflora 'St. Mary's'	459.71	
32 93 43 00-0186	EA	6' Prunus cerasifera - Purple Leaf Plum	217.32	
32 93 43 00-0187	EA	8' Prunus cerasifera - Purple Leaf Plum	250.75	
32 93 43 00-0188	EA	10' Prunus cerasifera - Purple Leaf Plum	323.19	
32 93 43 00-0189	EA	24" Box Prunus cerasifera - Purple Leaf Plum	344.08	
32 93 43 00-0190	EA	30" Box Prunus cerasifera - Purple Leaf Plum	696.52	
32 93 43 00-0191	EA	36" Box Prunus cerasifera - Purple Leaf Plum	1,068.47	
32 93 43 00-0192	EA	6' Pittosporum phillyraeoides - Willow Pittorporum	454.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0193	EA	8' Pittosporum phillyraeoides - Willow Pittorporum	649.16	
32 93 43 00-0194	EA	10' Pittosporum phillyraeoides - Willow Pittorporum	777.32	
32 93 43 00-0195	EA	12' Pittosporum phillyraeoides - Willow Pittorporum	1,003.00	
32 93 43 00-0196	EA	6' Stenocarpus sinuatus - Firewheel Tree	668.66	
32 93 43 00-0197	EA	8' Stenocarpus sinuatus - Firewheel Tree	891.55	
32 93 43 00-0198	EA	10" Stenocarpus sinuatus - Firewheel Tree	1,114.44	
32 93 43 00-0199	EA	12' Stenocarpus sinuatus - Firewheel Tree	1,337.33	
32 93 43 00-0200	EA	24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	319.26	
32 93 43 00-0201	EA	36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	924.16	
32 93 43 00-0202	EA	1-1/2" Caliper Arbutus menziesii - Madrona	484.54	
32 93 43 00-0203	EA	2" Caliper Arbutus menziesii - Madrona	629.90	
32 93 43 00-0204	EA	2-1/2" Caliper Arbutus menziesii - Madrona	726.81	
32 93 43 00-0205	EA	3" Caliper Arbutus menziesii - Madrona	823.72	
32 93 43 00-0206	EA	3-1/2" Caliper Arbutus menziesii - Madrona	969.08	
32 93 43 00-0207	EA	1 Gallon Arbutus 'Marina' - Marina Strawberry Tree	5.81	
32 93 43 00-0208	EA	5 Gallon Arbutus 'Marina' - Marina Strawberry Tree	21.90	
32 93 43 00-0209	EA	15 Gallon Arbutus 'Marina' - Marina Strawberry Tree	70.62	
32 93 43 00-0210	EA	24" Box Arbutus 'Marina' - Marina Strawberry Tree	169.85	
32 93 43 00-0211	EA	36" Box Arbutus 'Marina' - Marina Strawberry Tree	546.32	
32 93 43 00-0212	EA	1 Gallon Arbutus unedo - Strawberry Tree	5.36	
32 93 43 00-0213	EA	5 Gallon Arbutus unedo - Strawberry Tree	16.09	
32 93 43 00-0214	EA	15 Gallon Arbutus unedo - Strawberry Tree	70.62	
32 93 43 00-0215	EA	24" Box Arbutus unedo - Strawberry Tree	169.85	
32 93 43 00-0216	EA	36" Box Arbutus unedo - Strawberry Tree	491.68	
32 93 43 00-0217	EA	1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	334.33	
32 93 43 00-0218	EA	2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	543.29	
32 93 43 00-0219	EA	2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	668.66	
32 93 43 00-0220	EA	3" Caliper Koelreuteria bipinnata - Chinese Flame Tree	738.32	
32 93 43 00-0221	EA	24" Box Koelreuteria bipinnata - Chinese Flame Tree	325.97	
32 93 43 00-0222	EA	30" Box Koelreuteria bipinnata - Chinese Flame Tree	752.25	
32 93 43 00-0223	EA	36" Box Koelreuteria bipinnata - Chinese Flame Tree	1,177.13	
32 93 43 00-0224	EA	1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	303.68	
32 93 43 00-0225	EA	2" Cliber Koelreuteria paniculata - Golden Rain Tree	493.14	
32 93 43 00-0226	EA	2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	604.58	
32 93 43 00-0227	EA	3" Cliber Koelreuteria paniculata - Golden Rain Tree	682.59	
32 93 43 00-0228	EA	6' Magnolia grandiflora - Southern Magnolia	206.17	
32 93 43 00-0229	EA	7' Magnolia grandiflora - Southern Magnolia	312.04	
32 93 43 00-0230	EA	8' Magnolia grandiflora - Southern Magnolia	437.42	
32 93 43 00-0231	EA	9' Magnolia grandiflora - Southern Magnolia	582.29	
32 93 43 00-0232	EA	10' Magnolia grandiflora - Southern Magnolia	885.98	
32 93 43 00-0233	EA	24" Box Magnolia grandiflora - Southern Magnolia	362.19	
32 93 43 00-0234	EA	1-1/2" Caliper Tipuana tipu - Tipu Tree	431.85	
32 93 43 00-0235	EA	2" Caliper Tipuana tipu - Tipu Tree	562.79	
32 93 43 00-0236	EA	2-1/2" Caliper Tipuana tipu - Tipu Tree	713.24	
32 93 43 00-0237	EA	3" Caliper Tipuana tipu - Tipu Tree	821.90	
32 93 43 00-0238	EA	3-1/2" Caliper Tipuana tipu - Tipu Tree	1,209.17	
32 93 43 00-0239	EA	4" Caliper Tipuana tipu - Tipu Tree	1,615.94	
32 93 43 00-0240	EA	1 Gallon Tipuana tipu - Tipu Tree	5.81	
32 93 43 00-0241	EA	5 Gallon Tipuana tipu - Tipu Tree	16.09	
32 93 43 00-0242	EA	15 Gallon Tipuana tipu - Tipu Tree	52.74	
32 93 43 00-0243	EA	24" Box Tipuana tipu - Tipu Tree	325.97	
32 93 43 00-0244	EA	6' Albizia julibrissin - Silk Tree	668.66	
32 93 43 00-0245	EA	8' Albizia julibrissin - Silk Tree	891.55	
32 93 43 00-0246	EA	10' Albizia julibrissin - Silk Tree	1,114.44	
32 93 43 00-0247	EA	12' Albizia julibrissin - Silk Tree	1,337.33	
32 93 43 00-0248	EA	6' Brachychiton acerifolius - Flame Tree	668.66	
32 93 43 00-0249	EA	8' Brachychiton acerifolius - Flame Tree	891.55	
32 93 43 00-0250	EA	10' Brachychiton acerifolius - Flame Tree	1,114.44	
32 93 43 00-0251	EA	12' Brachychiton acerifolius - Flame Tree	1,337.33	
32 93 43 00-0252	EA	1-1/2" Caliper Chilopsis linearis - Desert Willow	540.50	
32 93 43 00-0253	EA	2" Caliper Chilopsis linearis - Desert Willow	649.16	
32 93 43 00-0254	EA	2-1/2" Caliper Chilopsis linearis - Desert Willow	690.95	
32 93 43 00-0255	EA	3" Caliper Chilopsis linearis - Desert Willow	766.18	
32 93 43 00-0256	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	27.86	
32 93 43 00-0257	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	111.44	
32 93 43 00-0258	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	557.22	
32 93 43 00-0259	EA	1 Gallon Callistemon salignus - White BottleBrush	3.13	
32 93 43 00-0260	EA	5 Gallon Callistemon salignus - White BottleBrush	8.94	
32 93 43 00-0261	EA	15 Gallon Callistemon salignus - White BottleBrush	34.86	
32 93 43 00-0262	EA	24" Box Callistemon salignus - White BottleBrush	143.04	
32 93 43 00-0263	EA	5 Gallon Calodendrum capense - Cape Chestnut	41.79	
32 93 43 00-0264	EA	15 Gallon Calodendrum capense - Cape Chestnut	167.17	
32 93 43 00-0265	EA	24" Box Calodendrum capense - Cape Chestnut	626.87	
32 93 43 00-0266	EA	6' Chionanthus virginicus - White Fringe Tree	334.33	
32 93 43 00-0267	EA	8' Chionanthus virginicus - White Fringe Tree	733.89	
32 93 43 00-0268	EA	10' Chionanthus virginicus - White Fringe Tree	1,022.21	
32 93 43 00-0269	EA	15 Gallon Geijera parvifolia - Australian Willow	314.53	
32 93 43 00-0270	EA	24" Box Geijera parvifolia - Australian Willow	647.40	
32 93 43 00-0271	EA	30" Box Geijera parvifolia - Australian Willow	1,205.68	
32 93 43 00-0272	EA	36" Box Geijera parvifolia - Australian Willow	1,729.89	
32 93 43 00-0273	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	26.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0274	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	91.06	
32 93 43 00-0275	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	297.33	
32 93 43 00-0276	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	789.78	
32 93 43 00-0277	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,765.38	
32 93 43 00-0278	EA	5 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	21.90	
32 93 43 00-0279	EA	15 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	70.62	
32 93 43 00-0280	EA	24" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	143.04	
32 93 43 00-0281	EA	36" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	491.68	
32 93 43 00-0282	EA	1-1/2" Caliper Ginko Biloba - Maidenhair Tree	933.09	
32 93 43 00-0283	EA	2" Caliper Ginko Biloba - Maidenhair Tree	1,300.04	
32 93 43 00-0284	EA	2-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,567.39	
32 93 43 00-0285	EA	3" Caliper Ginko Biloba - Maidenhair Tree	1,829.49	
32 93 43 00-0286	EA	3-1/2" Caliper Ginko Biloba - Maidenhair Tree	2,395.64	
32 93 43 00-0287	EA	4" Caliper Ginko Biloba - Maidenhair Tree	2,558.14	
32 93 43 00-0288	EA	4-1/2" Caliper Ginko Biloba - Maidenhair Tree	2,725.89	
32 93 43 00-0289	EA	24" Box Ginko Biloba - Maidenhair Tree	851.84	
32 93 43 00-0290	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	314.53	
32 93 43 00-0291	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	1,153.26	
32 93 43 00-0292	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	335.49	
32 93 43 00-0293	EA	6' Lagerstroemia indica - Crape Myrtle	623.81	
32 93 43 00-0294	EA	8' Lagerstroemia indica - Crape Myrtle	644.78	
32 93 43 00-0295	EA	10' Lagerstroemia indica - Crape Myrtle	781.07	
32 93 43 00-0296	EA	24" Box Lagerstroemia indica - Crape Myrtle	613.33	

32 93 43 00-0297 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0298	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	184.75	
32 93 43 00-0299	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	226.47	
32 93 43 00-0300	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	295.01	
32 93 43 00-0301	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	382.42	
32 93 43 00-0302	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	19.49	
32 93 43 00-0303	EA	4' To 5' Acer palmatum - Japanese Maple	40.92	
32 93 43 00-0304	EA	5' To 6' Acer palmatum - Japanese Maple	53.59	
32 93 43 00-0305	EA	6' To 7' Acer palmatum - Japanese Maple	97.43	
32 93 43 00-0306	EA	7' To 8' Acer palmatum - Japanese Maple	136.41	
32 93 43 00-0307	EA	8' To 10' Acer palmatum - Japanese Maple	175.38	
32 93 43 00-0308	EA	10' To 12' Acer palmatum - Japanese Maple	233.84	
32 93 43 00-0309	EA	2" Caliper Acer platanoides & cvs - Norway Maple	99.33	
32 93 43 00-0310	EA	2" Caliper Acer platanoides & cvs - Norway Maple	120.92	
32 93 43 00-0311	EA	3" Caliper Acer platanoides & cvs - Norway Maple	155.47	
32 93 43 00-0312	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	181.39	
32 93 43 00-0313	EA	4" Caliper Acer platanoides & cvs - Norway Maple	194.34	
32 93 43 00-0314	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	211.62	
32 93 43 00-0315	EA	5" Caliper Acer platanoides & cvs - Norway Maple	237.53	
32 93 43 00-0316	EA	2" Caliper Acer rubrum & cvs - Red Maple	95.01	
32 93 43 00-0317	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	120.92	
32 93 43 00-0318	EA	3" Caliper Acer rubrum & cvs - Red Maple	155.47	
32 93 43 00-0319	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	190.02	
32 93 43 00-0320	EA	4" Caliper Acer rubrum & cvs - Red Maple	215.93	
32 93 43 00-0321	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	250.48	
32 93 43 00-0322	EA	5" Caliper Acer rubrum & cvs - Red Maple	280.72	
32 93 43 00-0323	EA	8' Clump Form Acer rubrum & cvs - Red Maple	116.60	
32 93 43 00-0324	EA	10' Clump Form Acer rubrum & cvs - Red Maple	155.47	
32 93 43 00-0325	EA	12' Clump Form Acer rubrum & cvs - Red Maple	181.39	
32 93 43 00-0326	EA	14' Clump Form Acer rubrum & cvs - Red Maple	207.30	
32 93 43 00-0327	EA	16' Clump Form Acer rubrum & cvs - Red Maple	233.21	
32 93 43 00-0328	EA	18' Clump Form Acer rubrum & cvs - Red Maple	259.12	
32 93 43 00-0329	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	151.15	
32 93 43 00-0330	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	168.43	
32 93 43 00-0331	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	190.02	
32 93 43 00-0332	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	215.93	
32 93 43 00-0333	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	259.12	
32 93 43 00-0334	EA	2" Caliper Betula nigra - River Birch	107.97	
32 93 43 00-0335	EA	2-1/2" Caliper Betula nigra - River Birch	122.26	
32 93 43 00-0336	EA	3" Caliper Betula nigra - River Birch	138.20	
32 93 43 00-0337	EA	3-1/2" Caliper Betula nigra - River Birch	172.75	
32 93 43 00-0338	EA	4" Caliper Betula nigra - River Birch	194.34	
32 93 43 00-0339	EA	4-1/2" Caliper Betula nigra - River Birch	215.93	
32 93 43 00-0340	EA	5" Caliper Betula nigra - River Birch	237.53	
32 93 43 00-0341	EA	8' Clump Form Betula nigra - River Birch	99.33	
32 93 43 00-0342	EA	10' Clump Form Betula nigra - River Birch	112.29	
32 93 43 00-0343	EA	12' Clump Form Betula nigra - River Birch	129.56	
32 93 43 00-0344	EA	14' Clump Form Betula nigra - River Birch	151.15	
32 93 43 00-0345	EA	16' Clump Form Betula nigra - River Birch	172.75	
32 93 43 00-0346	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	129.56	
32 93 43 00-0347	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	155.47	
32 93 43 00-0348	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	181.39	
32 93 43 00-0349	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	215.93	
32 93 43 00-0350	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	224.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0351	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	172.75	
32 93 43 00-0352	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	194.34	
32 93 43 00-0353	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	224.57	
32 93 43 00-0354	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	272.08	
32 93 43 00-0355	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	77.74	
32 93 43 00-0356	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	107.97	
32 93 43 00-0357	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	133.88	
32 93 43 00-0358	EA	2" Caliper Catalpa speciosa - Western Catalpa	95.01	
32 93 43 00-0359	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	129.56	
32 93 43 00-0360	EA	3" Caliper Catalpa speciosa - Western Catalpa	168.43	
32 93 43 00-0361	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	202.98	
32 93 43 00-0362	EA	4" Caliper Catalpa speciosa - Western Catalpa	233.21	
32 93 43 00-0363	EA	8' Clump Form Corylus cornuta californica - Western Filbert	120.92	
32 93 43 00-0364	EA	10' Clump Form Corylus cornuta californica - Western Filbert	146.84	
32 93 43 00-0365	EA	12' Clump Form Corylus cornuta californica - Western Filbert	172.75	
32 93 43 00-0366	EA	1-1/2" Caliper Diospyros - Persimmon	77.74	
32 93 43 00-0367	EA	2" Caliper Diospyros - Persimmon	95.01	
32 93 43 00-0368	EA	2-1/2" Caliper Diospyros - Persimmon	120.92	
32 93 43 00-0369	EA	3" Caliper Diospyros - Persimmon	151.15	
32 93 43 00-0370	EA	3-1/2" Caliper Diospyros - Persimmon	181.39	
32 93 43 00-0371	EA	2" Caliper Fagus sylvatica & cvs - European Beech	194.34	
32 93 43 00-0372	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	233.21	
32 93 43 00-0373	EA	3" Caliper Fagus sylvatica & cvs - European Beech	280.72	
32 93 43 00-0374	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	310.95	
32 93 43 00-0375	EA	4" Caliper Fagus sylvatica & cvs - European Beech	367.09	
32 93 43 00-0376	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	475.06	
32 93 43 00-0377	EA	5" Caliper Fagus sylvatica & cvs - European Beech	561.43	
32 93 43 00-0378	EA	2" Caliper Fraxinus americana & cvs - White Ash	107.97	
32 93 43 00-0379	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	129.56	
32 93 43 00-0380	EA	3" Caliper Fraxinus americana & cvs - White Ash	164.11	
32 93 43 00-0381	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	198.66	
32 93 43 00-0382	EA	4" Caliper Fraxinus americana & cvs - White Ash	233.21	
32 93 43 00-0383	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	259.12	
32 93 43 00-0384	EA	5" Caliper Fraxinus americana & cvs - White Ash	302.31	
32 93 43 00-0385	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	151.15	
32 93 43 00-0386	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	168.43	
32 93 43 00-0387	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	190.02	
32 93 43 00-0388	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	211.62	
32 93 43 00-0389	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	237.53	
32 93 43 00-0390	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	259.12	
32 93 43 00-0391	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	388.68	
32 93 43 00-0392	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	431.87	
32 93 43 00-0393	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	103.65	
32 93 43 00-0394	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	129.56	
32 93 43 00-0395	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	155.47	
32 93 43 00-0396	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	181.39	
32 93 43 00-0397	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	207.30	
32 93 43 00-0398	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	233.21	
32 93 43 00-0399	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	276.40	
32 93 43 00-0400	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	54.63	
32 93 43 00-0401	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	64.56	
32 93 43 00-0402	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	89.40	
32 93 43 00-0403	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	116.22	
32 93 43 00-0404	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	129.13	
32 93 43 00-0405	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	152.97	
32 93 43 00-0406	EA	1-1/2" Caliper Juglans californica - California Walnut	103.65	
32 93 43 00-0407	EA	2" Caliper Juglans californica - California Walnut	120.92	
32 93 43 00-0408	EA	2-1/2" Caliper Juglans californica - California Walnut	151.15	
32 93 43 00-0409	EA	3" Caliper Juglans californica - California Walnut	190.02	
32 93 43 00-0410	EA	3-1/2" Caliper Juglans californica - California Walnut	233.21	
32 93 43 00-0411	EA	4" Caliper Juglans californica - California Walnut	280.72	
32 93 43 00-0412	EA	4-1/2" Caliper Juglans californica - California Walnut	323.90	
32 93 43 00-0413	EA	5" Caliper Juglans californica - California Walnut	367.09	
32 93 43 00-0414	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	11.69	
32 93 43 00-0415	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	29.23	
32 93 43 00-0416	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	58.46	
32 93 43 00-0417	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	76.00	
32 93 43 00-0418	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	55.54	
32 93 43 00-0419	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	67.23	
32 93 43 00-0420	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	93.54	
32 93 43 00-0421	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	138.20	
32 93 43 00-0422	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	172.75	
32 93 43 00-0423	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	215.93	
32 93 43 00-0424	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	259.12	
32 93 43 00-0425	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	302.31	
32 93 43 00-0426	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	138.20	
32 93 43 00-0427	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	190.02	
32 93 43 00-0428	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	224.57	
32 93 43 00-0429	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	259.12	
32 93 43 00-0430	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	293.67	
32 93 43 00-0431	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	103.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0432	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	185.70	
32 93 43 00-0433	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	224.57	
32 93 43 00-0434	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	138.20	
32 93 43 00-0435	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	172.75	
32 93 43 00-0436	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	215.93	
32 93 43 00-0437	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	259.12	
32 93 43 00-0438	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	302.31	
32 93 43 00-0439	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	60.46	
32 93 43 00-0440	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	69.10	
32 93 43 00-0441	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	82.06	
32 93 43 00-0442	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	103.65	
32 93 43 00-0443	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	129.56	
32 93 43 00-0444	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	187.63	
32 93 43 00-0445	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	272.91	
32 93 43 00-0446	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	405.97	
32 93 43 00-0447	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	62.78	
32 93 43 00-0448	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	75.06	
32 93 43 00-0449	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	102.34	
32 93 43 00-0450	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	124.20	
32 93 43 00-0451	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	51.65	
32 93 43 00-0452	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	64.56	
32 93 43 00-0453	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	114.23	
32 93 43 00-0454	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	163.89	
32 93 43 00-0455	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	103.65	
32 93 43 00-0456	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	125.24	
32 93 43 00-0457	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	151.15	
32 93 43 00-0458	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	181.39	
32 93 43 00-0459	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	215.93	
32 93 43 00-0460	EA	2" Caliper Populus alba & cvs - White Poplar	103.65	
32 93 43 00-0461	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	120.92	
32 93 43 00-0462	EA	3" Caliper Populus alba & cvs - White Poplar	138.20	
32 93 43 00-0463	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	164.11	
32 93 43 00-0464	EA	4" Caliper Populus alba & cvs - White Poplar	181.39	
32 93 43 00-0465	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	207.30	
32 93 43 00-0466	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	95.01	
32 93 43 00-0467	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	125.24	
32 93 43 00-0468	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	151.15	
32 93 43 00-0469	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	181.39	
32 93 43 00-0470	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	215.93	
32 93 43 00-0471	EA	1 Gallon Quercus agrifolia - Coast Live Oak	8.85	
32 93 43 00-0472	EA	5 Gallon Quercus agrifolia - Coast Live Oak	21.90	
32 93 43 00-0473	EA	15 Gallon Quercus agrifolia - Coast Live Oak	70.62	
32 93 43 00-0474	EA	24" Box Quercus agrifolia - Coast Live Oak	214.55	
32 93 43 00-0475	EA	2" Caliper Quercus palustris - Pin Oak	95.01	
32 93 43 00-0476	EA	2-1/2" Caliper Quercus palustris - Pin Oak	129.56	
32 93 43 00-0477	EA	3" Caliper Quercus palustris - Pin Oak	168.43	
32 93 43 00-0478	EA	3-1/2" Caliper Quercus palustris - Pin Oak	194.34	
32 93 43 00-0479	EA	4" Caliper Quercus palustris - Pin Oak	224.57	
32 93 43 00-0480	EA	4-1/2" Caliper Quercus palustris - Pin Oak	254.80	
32 93 43 00-0481	EA	5" Caliper Quercus palustris - Pin Oak	280.72	
32 93 43 00-0482	EA	2" Caliper Quercus shumardii - Shumard Oak	146.84	
32 93 43 00-0483	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	185.70	
32 93 43 00-0484	EA	3" Caliper Quercus shumardii - Shumard Oak	215.93	
32 93 43 00-0485	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	259.12	
32 93 43 00-0486	EA	4" Caliper Quercus shumardii - Shumard Oak	302.31	
32 93 43 00-0487	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	345.50	
32 93 43 00-0488	EA	5" Caliper Quercus shumardii - Shumard Oak	388.68	
32 93 43 00-0489	EA	24" Box Salix babylonica - Weeping Willow	109.16	
32 93 43 00-0490	EA	36" Box Salix babylonica - Weeping Willow	272.91	
32 93 43 00-0491	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	62.78	
32 93 43 00-0492	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	75.06	
32 93 43 00-0493	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	81.88	
32 93 43 00-0494	EA	2' Thuja occidentalis - American Arborviatae	14.80	
32 93 43 00-0495	EA	2-1/2' Thuja occidentalis - American Arborviatae	15.99	
32 93 43 00-0496	EA	3' Thuja occidentalis - American Arborviatae	22.85	
32 93 43 00-0497	EA	4' Thuja occidentalis - American Arborviatae	31.39	
32 93 43 00-0498	EA	5' Thuja occidentalis - American Arborviatae	43.71	
32 93 43 00-0499	EA	6' Thuja occidentalis - American Arborviatae	60.59	
32 93 43 00-0500	EA	7' Thuja occidentalis - American Arborviatae	73.50	
32 93 43 00-0501	EA	8' Thuja occidentalis - American Arborviatae	103.30	
32 93 43 00-0502	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	108.62	
32 93 43 00-0503	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	131.20	
32 93 43 00-0504	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	151.15	
32 93 43 00-0505	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	185.70	
32 93 43 00-0506	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	211.62	
32 93 43 00-0507	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	237.53	
32 93 43 00-0508	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	263.44	
32 93 43 00-0509	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	120.92	
32 93 43 00-0510	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	138.20	
32 93 43 00-0511	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	151.15	
32 93 43 00-0512	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	164.11	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0513	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	181.39	
32 93 43 00-0514	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	215.93	
32 93 43 00-0515	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	254.80	
32 93 43 00-0516	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	138.20	
32 93 43 00-0517	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	151.15	
32 93 43 00-0518	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	164.11	
32 93 43 00-0519	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	181.39	
32 93 43 00-0520	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	215.93	
32 93 43 00-0521	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	254.80	
32 93 43 00-0522	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	293.67	
32 93 43 00-0523	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	138.20	
32 93 43 00-0524	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	151.15	
32 93 43 00-0525	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	164.11	
32 93 43 00-0526	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	181.39	
32 93 43 00-0527	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	215.93	
32 93 43 00-0528	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	254.80	
32 93 43 00-0529	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	293.67	
32 93 43 00-0530	EA	1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane	487.52	
32 93 43 00-0531	EA	2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	870.19	
32 93 43 00-0532	EA	2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,273.83	
32 93 43 00-0533	EA	3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,583.11	
32 93 43 00-0534	EA	3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane	2,049.66	
32 93 43 00-0535	EA	4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane	2,332.73	
32 93 43 00-0536	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	613.33	
32 93 43 00-0537	EA	1-1/2" Caliper Quercus suber - Cork Oak	733.89	
32 93 43 00-0538	EA	2" Caliper Quercus suber - Cork Oak	1,016.97	
32 93 43 00-0539	EA	2-1/2" Caliper Quercus suber - Cork Oak	1,300.04	
32 93 43 00-0540	EA	3" Caliper Quercus suber - Cork Oak	1,625.05	
32 93 43 00-0541	EA	3-1/2" Caliper Quercus suber - Cork Oak	2,437.58	
32 93 43 00-0542	EA	4" Caliper Quercus suber - Cork Oak	3,145.26	
32 93 43 00-0543	EA	4-1/2" Caliper Quercus suber - Cork Oak	4,088.84	
32 93 43 00-0544	EA	1-1/2" Caliper Quercus ilex - Holly Oak	812.53	
32 93 43 00-0545	EA	2" Caliper Quercus ilex - Holly Oak	1,095.60	
32 93 43 00-0546	EA	2-1/2" Caliper Quercus ilex - Holly Oak	1,341.98	
32 93 43 00-0547	EA	3" Caliper Quercus ilex - Holly Oak	1,625.05	
32 93 43 00-0548	EA	3-1/2" Caliper Quercus ilex - Holly Oak	2,437.58	
32 93 43 00-0549	EA	4" Caliper Quercus ilex - Holly Oak	3,145.26	

32 93 43 00-0550 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0551	EA	5 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	30.25	
32 93 43 00-0552	EA	15 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	210.04	
32 93 43 00-0553	EA	24" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	420.08	
32 93 43 00-0554	EA	36" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	1,008.18	
32 93 43 00-0555	EA	1 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	5.81	
32 93 43 00-0556	EA	5 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	21.90	
32 93 43 00-0557	EA	15 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	70.62	
32 93 43 00-0558	EA	24" Box Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	169.85	
32 93 43 00-0559	EA	5 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	16.09	
32 93 43 00-0560	EA	15 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	70.62	
32 93 43 00-0561	EA	24" Box Bauhinia blakeana - Hong Kong Orchid Tree	169.85	
32 93 43 00-0562	EA	1 Gallon Callistemon viminalis - Weeping Bottlebrush	7.56	
32 93 43 00-0563	EA	5 Gallon Callistemon viminalis - Weeping Bottlebrush	23.52	
32 93 43 00-0564	EA	15 Gallon Callistemon viminalis - Weeping Bottlebrush	82.33	
32 93 43 00-0565	EA	24" Box Callistemon viminalis - Weeping Bottlebrush	268.85	
32 93 43 00-0566	EA	36" Box Callistemon viminalis - Weeping Bottlebrush	756.14	
32 93 43 00-0567	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	17.58	
32 93 43 00-0568	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	28.26	
32 93 43 00-0569	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	41.99	
32 93 43 00-0570	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	56.49	
32 93 43 00-0571	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	80.20	
32 93 43 00-0572	EA	1 Gallon Cedrus deodara - Deodar Cedar	16.64	
32 93 43 00-0573	EA	5 Gallon Cedrus deodara - Deodar Cedar	30.25	
32 93 43 00-0574	EA	15 Gallon Cedrus deodara - Deodar Cedar	132.74	
32 93 43 00-0575	EA	24" Box Cedrus deodara - Deodar Cedar	420.08	
32 93 43 00-0576	EA	36" Box Cedrus deodara - Deodar Cedar	924.16	
32 93 43 00-0577	EA	6' To 8' Cedrus deodara - Indian Cedar	72.57	
32 93 43 00-0578	EA	8' To 10' Cedrus deodara - Indian Cedar	84.02	
32 93 43 00-0579	EA	10' To 12' Cedrus deodara - Indian Cedar	114.56	
32 93 43 00-0580	EA	12' To 14' Cedrus deodara - Indian Cedar	148.92	
32 93 43 00-0581	EA	14' To 16' Cedrus deodara - Indian Cedar	190.94	
32 93 43 00-0582	EA	5 Gallon Cedrus libani - Cedar of Lebanon	30.25	
32 93 43 00-0583	EA	15 Gallon Cedrus libani - Cedar of Lebanon	132.74	
32 93 43 00-0584	EA	24" Box Cedrus libani - Cedar of Lebanon	319.26	
32 93 43 00-0585	EA	36" Box Cedrus libani - Cedar of Lebanon	924.16	
32 93 43 00-0586	EA	15 Gallon Celtis australis - European Hackberry	109.22	
32 93 43 00-0587	EA	24" Box Celtis australis - European Hackberry	378.07	
32 93 43 00-0588	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	22.68	
32 93 43 00-0589	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	34.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0590	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	52.93	
32 93 43 00-0591	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	90.74	
32 93 43 00-0592	EA	1 Gallon Cinnamomum camphora - Camphor Tree	10.92	
32 93 43 00-0593	EA	5 Gallon Cinnamomum camphora - Camphor Tree	30.25	
32 93 43 00-0594	EA	15 Gallon Cinnamomum camphora - Camphor Tree	82.33	
32 93 43 00-0595	EA	24" Box Cinnamomum camphora - Camphor Tree	268.85	
32 93 43 00-0596	EA	36" Box Cinnamomum camphora - Camphor Tree	756.14	
32 93 43 00-0597	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	12.48	
32 93 43 00-0598	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	49.92	
32 93 43 00-0599	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	21.84	
32 93 43 00-0600	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	28.08	
32 93 43 00-0601	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	43.68	
32 93 43 00-0602	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	106.08	
32 93 43 00-0603	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	2.28	
32 93 43 00-0604	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	10.24	
32 93 43 00-0605	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	34.14	
32 93 43 00-0606	EA	5 Gallon Cupressus sempervirens - Italian Cypress	11.75	
32 93 43 00-0607	EA	15 Gallon Cupressus sempervirens - Italian Cypress	32.30	
32 93 43 00-0608	EA	1 Gallon Eriobotrya deflexa - Bronze Loquat	10.92	
32 93 43 00-0609	EA	5 Gallon Eriobotrya deflexa - Bronze Loquat	30.25	
32 93 43 00-0610	EA	15 Gallon Eriobotrya deflexa - Bronze Loquat	132.74	
32 93 43 00-0611	EA	24" Box Eriobotrya deflexa - Bronze Loquat	319.26	
32 93 43 00-0612	EA	36" Box Eriobotrya deflexa - Bronze Loquat	924.16	
32 93 43 00-0613	EA	1 Gallon Heteromeles arbutifolia - Toyon	10.92	
32 93 43 00-0614	EA	5 Gallon Heteromeles arbutifolia - Toyon	30.25	
32 93 43 00-0615	EA	15 Gallon Heteromeles arbutifolia - Toyon	100.80	
32 93 43 00-0616	EA	24" Box Heteromeles arbutifolia - Toyon	319.26	
32 93 43 00-0617	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	3.45	
32 93 43 00-0618	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	6.75	
32 93 43 00-0619	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	8.37	
32 93 43 00-0620	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	9.84	
32 93 43 00-0621	EA	1 Gallon Juniperus - Blue Sargent Juniper	3.45	
32 93 43 00-0622	EA	2 Gallon Juniperus - Blue Sargent Juniper	6.75	
32 93 43 00-0623	EA	3 Gallon Juniperus - Blue Sargent Juniper	8.37	
32 93 43 00-0624	EA	5 Gallon Juniperus - Blue Sargent Juniper	9.84	
32 93 43 00-0625	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	9.84	
32 93 43 00-0626	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	10.64	
32 93 43 00-0627	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	12.85	
32 93 43 00-0628	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	19.09	
32 93 43 00-0629	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	22.10	
32 93 43 00-0630	EA	5' To 6' Juniperus - Fairview Juniper	32.91	
32 93 43 00-0631	EA	1 Gallon Juniperus - Hollywood Juniper	4.40	
32 93 43 00-0632	EA	5 Gallon Juniperus - Hollywood Juniper	12.26	
32 93 43 00-0633	EA	15 Gallon Juniperus - Hollywood Juniper	51.98	
32 93 43 00-0634	EA	4' To 5' Juniperus - Hollywood Juniper	34.36	
32 93 43 00-0635	EA	5' To 6' Juniperus - Hollywood Juniper	44.27	
32 93 43 00-0636	EA	1 Gallon Juniperus - Parson's Juniper	3.45	
32 93 43 00-0637	EA	2 Gallon Juniperus - Parson's Juniper	6.83	
32 93 43 00-0638	EA	3 Gallon Juniperus - Parson's Juniper	8.44	
32 93 43 00-0639	EA	5 Gallon Juniperus - Parson's Juniper	9.98	
32 93 43 00-0640	EA	5 Gallon Juniperus - Skyrocket Juniper	12.33	
32 93 43 00-0641	EA	15 Gallon Juniperus - Skyrocket Juniper	52.49	
32 93 43 00-0642	EA	2' To 3' Juniperus - Skyrocket Juniper	18.50	
32 93 43 00-0643	EA	3' To 4' Juniperus - Skyrocket Juniper	26.21	
32 93 43 00-0644	EA	4' To 5' Juniperus - Skyrocket Juniper	34.72	
32 93 43 00-0645	EA	5' To 6' Juniperus - Skyrocket Juniper	44.78	
32 93 43 00-0646	EA	6' To 8' Juniperus - Skyrocket Juniper	57.85	
32 93 43 00-0647	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	3.45	
32 93 43 00-0648	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	6.79	
32 93 43 00-0649	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	8.33	
32 93 43 00-0650	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	9.87	
32 93 43 00-0651	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	3.45	
32 93 43 00-0652	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	6.79	
32 93 43 00-0653	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	8.33	
32 93 43 00-0654	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	9.87	
32 93 43 00-0655	EA	1 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	5.88	
32 93 43 00-0656	EA	5 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	16.80	
32 93 43 00-0657	EA	15 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	65.53	
32 93 43 00-0658	EA	24" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	268.85	
32 93 43 00-0659	EA	36" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	756.14	
32 93 43 00-0660	EA	1 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	7.56	
32 93 43 00-0661	EA	5 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	23.52	
32 93 43 00-0662	EA	15 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	82.33	
32 93 43 00-0663	EA	24" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	268.85	
32 93 43 00-0664	EA	36" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	756.14	
32 93 43 00-0665	EA	1 Gallon Metrosideros excelsa - New Zealand Christmas Tree	5.81	
32 93 43 00-0666	EA	5 Gallon Metrosideros excelsa - New Zealand Christmas Tree	21.90	
32 93 43 00-0667	EA	15 Gallon Metrosideros excelsa - New Zealand Christmas Tree	70.62	
32 93 43 00-0668	EA	24" Box Olea europaea 'Swan Hill' - Swan Hill Olive	420.08	
32 93 43 00-0669	EA	36" Box Olea europaea 'Swan Hill' - Swan Hill Olive	1,008.18	
32 93 43 00-0670	EA	3' Pinus sylvestris - Scotch Pine	32.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0671	EA	4' Pinus sylvestris - Scotch Pine	44.51	
32 93 43 00-0672	EA	5' Pinus sylvestris - Scotch Pine	62.48	
32 93 43 00-0673	EA	6' Pinus sylvestris - Scotch Pine	86.68	
32 93 43 00-0674	EA	7' Pinus sylvestris - Scotch Pine	106.21	
32 93 43 00-0675	EA	8' Pinus sylvestris - Scotch Pine	149.94	
32 93 43 00-0676	EA	9' Pinus sylvestris - Scotch Pine	190.35	
32 93 43 00-0677	EA	10' Pinus sylvestris - Scotch Pine	219.64	
32 93 43 00-0678	EA	12' Pinus sylvestris - Scotch Pine	258.69	
32 93 43 00-0679	EA	14' Pinus sylvestris - Scotch Pine	292.85	
32 93 43 00-0680	EA	16' Pinus sylvestris - Scotch Pine	341.66	
32 93 43 00-0681	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	3.45	
32 93 43 00-0682	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	12.26	
32 93 43 00-0683	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	39.72	
32 93 43 00-0684	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	16.81	
32 93 43 00-0685	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	21.36	
32 93 43 00-0686	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	32.08	
32 93 43 00-0687	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	62.62	
32 93 43 00-0688	EA	6' To 7' Pinus Thunbergiana - Japanese Black Pine	70.25	
32 93 43 00-0689	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	87.80	
32 93 43 00-0690	EA	6' Pinus flexilis & cvs - Limber Pine	122.02	
32 93 43 00-0691	EA	7' Pinus flexilis & cvs - Limber Pine	141.55	
32 93 43 00-0692	EA	8' Pinus flexilis & cvs - Limber Pine	175.71	
32 93 43 00-0693	EA	9' Pinus flexilis & cvs - Limber Pine	214.76	
32 93 43 00-0694	EA	10' Pinus flexilis & cvs - Limber Pine	244.04	
32 93 43 00-0695	EA	1 Gallon Pinus mugo - Mugho Pine	4.55	
32 93 43 00-0696	EA	2 Gallon Pinus mugo - Mugho Pine	9.62	
32 93 43 00-0697	EA	3 Gallon Pinus mugo - Mugho Pine	12.04	
32 93 43 00-0698	EA	5 Gallon Pinus mugo - Mugho Pine	15.27	
32 93 43 00-0699	EA	12" To 15" Spread Pinus mugo - Mugho Pine	11.82	
32 93 43 00-0700	EA	15" To 18" Spread Pinus mugo - Mugho Pine	14.09	
32 93 43 00-0701	EA	18" To 24" Spread Pinus mugo - Mugho Pine	19.09	
32 93 43 00-0702	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	26.72	
32 93 43 00-0703	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	34.36	
32 93 43 00-0704	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	42.80	
32 93 43 00-0705	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	51.98	
32 93 43 00-0706	EA	6' Pinus nigra - Austrian Pine	122.02	
32 93 43 00-0707	EA	7' Pinus nigra - Austrian Pine	146.43	
32 93 43 00-0708	EA	8' Pinus nigra - Austrian Pine	190.35	
32 93 43 00-0709	EA	9' Pinus nigra - Austrian Pine	219.64	
32 93 43 00-0710	EA	10' Pinus nigra - Austrian Pine	258.69	
32 93 43 00-0711	EA	12' Pinus nigra - Austrian Pine	292.85	
32 93 43 00-0712	EA	14' Pinus nigra - Austrian Pine	327.02	
32 93 43 00-0713	EA	16' Pinus nigra - Austrian Pine	370.95	
32 93 43 00-0714	EA	1 Gallon Podocarpus - Chinese Podocarpus	2.28	
32 93 43 00-0715	EA	3 Gallon Podocarpus - Chinese Podocarpus	5.29	
32 93 43 00-0716	EA	7 Gallon Podocarpus - Chinese Podocarpus	15.27	
32 93 43 00-0717	EA	15 Gallon Podocarpus - Chinese Podocarpus	24.81	
32 93 43 00-0718	EA	4' To 5' Podocarpus - Chinese Podocarpus	38.17	
32 93 43 00-0719	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	47.72	
32 93 43 00-0720	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	64.42	
32 93 43 00-0721	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	78.73	
32 93 43 00-0722	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	9.20	
32 93 43 00-0723	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	20.65	
32 93 43 00-0724	EA	4' Metrosideros excelsus - New Zealand Christmas Tree	69.60	
32 93 43 00-0725	EA	5' Metrosideros excelsus - New Zealand Christmas Tree	94.30	
32 93 43 00-0726	EA	6' Metrosideros excelsus - New Zealand Christmas Tree	160.53	
32 93 43 00-0727	EA	8' Metrosideros excelsus - New Zealand Christmas Tree	198.70	
32 93 43 00-0728	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree	143.04	
32 93 43 00-0729	EA	1 Gallon Photinia fraseri - Fraser's Photinia	7.56	
32 93 43 00-0730	EA	5 Gallon Photinia fraseri - Fraser's Photinia	65.53	
32 93 43 00-0731	EA	15 Gallon Photinia fraseri - Fraser's Photinia	99.14	
32 93 43 00-0732	EA	24" Box Photinia fraseri - Fraser's Photinia	319.26	
32 93 43 00-0733	EA	6' Cedrus decurrens - Incese Cedar	81.95	
32 93 43 00-0734	EA	8' Cedrus decurrens - Incese Cedar	169.51	
32 93 43 00-0735	EA	10' Cedrus decurrens - Incese Cedar	224.52	
32 93 43 00-0736	EA	12' Cedrus decurrens - Incese Cedar	297.49	
32 93 43 00-0737	EA	6' Pinus canariensis - Canary Island Pine	269.42	
32 93 43 00-0738	EA	8' Pinus canariensis - Canary Island Pine	359.23	
32 93 43 00-0739	EA	10' Pinus canariensis - Canary Island Pine	449.04	
32 93 43 00-0740	EA	12' Pinus canariensis - Canary Island Pine	538.85	
32 93 43 00-0741	EA	1 Gallon Pinus canariensis - Canary Island Pine	10.92	
32 93 43 00-0742	EA	5 Gallon Pinus canariensis - Canary Island Pine	30.25	
32 93 43 00-0743	EA	15 Gallon Pinus canariensis - Canary Island Pine	99.14	
32 93 43 00-0744	EA	24" Box Pinus canariensis - Canary Island Pine	277.28	
32 93 43 00-0745	EA	1 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	7.56	
32 93 43 00-0746	EA	5 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	23.52	
32 93 43 00-0747	EA	15 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	82.33	
32 93 43 00-0748	EA	24" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	268.85	
32 93 43 00-0749	EA	36" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	756.14	
32 93 43 00-0750	EA	1 Gallon Pinus halepensis - Aleppo Pine	7.56	
32 93 43 00-0751	EA	5 Gallon Pinus halepensis - Aleppo Pine	23.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0752	EA	15 Gallon Pinus halepensis - Aleppo Pine	82.33	
32 93 43 00-0753	EA	24" Box Pinus halepensis - Aleppo Pine	268.85	
32 93 43 00-0754	EA	36" Box Pinus halepensis - Aleppo Pine	756.14	
32 93 43 00-0755	EA	1 Gallon Pinus muricata - Bishop Pine	16.79	
32 93 43 00-0756	EA	5 Gallon Pinus muricata - Bishop Pine	50.39	
32 93 43 00-0757	EA	15 Gallon Pinus patula - Jelecote Pine, Mexican Weeping Pine	109.22	
32 93 43 00-0758	EA	24" Box Pinus patula - Jelecote Pine, Mexican Weeping Pine	378.07	
32 93 43 00-0759	EA	6' Pinus pinea - Italian Stone Pine	269.42	
32 93 43 00-0760	EA	8' Pinus pinea - Italian Stone Pine	359.23	
32 93 43 00-0761	EA	10' Pinus pinea - Italian Stone Pine	449.04	
32 93 43 00-0762	EA	12' Pinus pinea - Italian Stone Pine	538.85	
32 93 43 00-0763	EA	1 Gallon Pinus pinea - Italian Stone Pine	9.49	
32 93 43 00-0764	EA	5 Gallon Pinus pinea - Italian Stone Pine	26.27	
32 93 43 00-0765	EA	15 Gallon Pinus pinea - Italian Stone Pine	86.10	
32 93 43 00-0766	EA	24" Box Pinus pinea - Italian Stone Pine	233.50	
32 93 43 00-0767	EA	36" Box Pinus pinea - Italian Stone Pine	656.72	
32 93 43 00-0768	EA	1 Gallon Rhus lancea - African Sumac	10.92	
32 93 43 00-0769	EA	5 Gallon Rhus lancea - African Sumac	30.25	
32 93 43 00-0770	EA	15 Gallon Rhus lancea - African Sumac	82.33	
32 93 43 00-0771	EA	6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	280.65	
32 93 43 00-0772	EA	8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	370.46	
32 93 43 00-0773	EA	10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	471.49	
32 93 43 00-0774	EA	12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	561.30	
32 93 43 00-0775	EA	24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	131.34	
32 93 43 00-0776	EA	1 Gallon Laurus nobilis - Sweet Bay	7.56	
32 93 43 00-0777	EA	5 Gallon Laurus nobilis - Sweet Bay	23.52	
32 93 43 00-0778	EA	15 Gallon Laurus nobilis - Sweet Bay	82.33	
32 93 43 00-0779	EA	24" Box Laurus nobilis - Sweet Bay	268.85	
32 93 43 00-0780	EA	36" Box Laurus nobilis - Sweet Bay	924.16	
32 93 43 00-0781	EA	5 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	23.52	
32 93 43 00-0782	EA	15 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	82.33	
32 93 43 00-0783	EA	24" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	268.85	
32 93 43 00-0784	EA	36" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	756.14	
32 93 43 00-0785	EA	1 Gallon Lyonothamnus floribundus - Catalina Ironwood	16.64	
32 93 43 00-0786	EA	5 Gallon Lyonothamnus floribundus - Catalina Ironwood	41.17	
32 93 43 00-0787	EA	15 Gallon Lyonothamnus floribundus - Catalina Ironwood	210.04	
32 93 43 00-0788	EA	24" Box Lyonothamnus floribundus - Catalina Ironwood	420.08	
32 93 43 00-0789	EA	1 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	16.79	
32 93 43 00-0790	EA	5 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	50.39	
32 93 43 00-0791	EA	6' Melaleuca linariifolia - Flaxleaf Paperbark	235.75	
32 93 43 00-0792	EA	8' Melaleuca linariifolia - Flaxleaf Paperbark	314.33	
32 93 43 00-0793	EA	10' Melaleuca linariifolia - Flaxleaf Paperbark	392.91	
32 93 43 00-0794	EA	12' Melaleuca linariifolia - Flaxleaf Paperbark	471.49	
32 93 43 00-0795	EA	1 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	6.57	
32 93 43 00-0796	EA	5 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	20.43	
32 93 43 00-0797	EA	15 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	71.51	
32 93 43 00-0798	EA	24" Box Melaleuca linariifolia - Flaxleaf Paperbark	233.50	
32 93 43 00-0799	EA	6' Melaleuca quinquenervia - Cajeput Tree	235.75	
32 93 43 00-0800	EA	8' Melaleuca quinquenervia - Cajeput Tree	314.33	
32 93 43 00-0801	EA	10' Melaleuca quinquenervia - Cajeput Tree	392.91	
32 93 43 00-0802	EA	12' Melaleuca quinquenervia - Cajeput Tree	471.49	
32 93 43 00-0803	EA	24" Box Melaleuca quinquenervia - Cajeput Tree	131.34	
32 93 43 00-0804	EA	30" Box Melaleuca quinquenervia - Cajeput Tree	331.17	
32 93 43 00-0805	EA	36" Box Melaleuca quinquenervia - Cajeput Tree	522.01	
32 93 43 00-0806	EA	1 Gallon Pinus torreyana - Torrey Pine	16.64	
32 93 43 00-0807	EA	5 Gallon Pinus torreyana - Torrey Pine	41.17	
32 93 43 00-0808	EA	15 Gallon Pinus torreyana - Torrey Pine	132.74	
32 93 43 00-0809	EA	24" Box Pinus torreyana - Torrey Pine	319.26	
32 93 43 00-0810	EA	36" Box Pinus torreyana - Torrey Pine	924.16	
32 93 43 00-0811	EA	6' Pittosporum undulatum - Victorian Box	148.18	
32 93 43 00-0812	EA	8' Pittosporum undulatum - Victorian Box	234.62	
32 93 43 00-0813	EA	10' Pittosporum undulatum - Victorian Box	308.72	
32 93 43 00-0814	EA	1 Gallon Podocarpus macrophyllus - Yew Pine	5.22	
32 93 43 00-0815	EA	3 Gallon Podocarpus macrophyllus - Yew Pine	12.24	
32 93 43 00-0816	EA	5 Gallon Podocarpus macrophyllus - Yew Pine	16.05	
32 93 43 00-0817	EA	15 Gallon Podocarpus macrophyllus - Yew Pine	69.60	
32 93 43 00-0818	EA	24" Box Podocarpus macrophyllus - Yew Pine	134.71	
32 93 43 00-0819	EA	15 Gallon Prosopis alba 'Colorado' - Argentine Mesquite	95.76	
32 93 43 00-0820	EA	24" Box Prosopis alba 'Colorado' - Argentine Mesquite	332.68	
32 93 43 00-0821	EA	15 Gallon Prosopis hybrid 'Phoenix' - Phoenix Mesquite	95.76	
32 93 43 00-0822	EA	24" Box Prosopis hybrid 'Phoenix' - Phoenix Mesquite	332.68	
32 93 43 00-0823	EA	1 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	10.92	
32 93 43 00-0824	EA	5 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	41.17	
32 93 43 00-0825	EA	15 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	92.42	
32 93 43 00-0826	EA	24" Box Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	319.26	
32 93 43 00-0827	EA	24" Box Quercus engelmannii - Mesa Oak	403.27	
32 93 43 00-0828	EA	36" Box Quercus engelmannii - Mesa Oak	1,008.18	
32 93 43 00-0829	EA	5 Gallon Quillaja saponaria - Soapbark Tree	109.22	
32 93 43 00-0830	EA	15 Gallon Quillaja saponaria - Soapbark Tree	378.07	
32 93 43 00-0831	EA	24" Box Rhus lancea - African Sumac	138.64	
32 93 43 00-0832	EA	30" Box Rhus lancea - African Sumac	224.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0833	EA	8' Rhus lancea - African Sumac	336.78	
32 93 43 00-0834	EA	10' Rhus lancea - African Sumac	376.07	
32 93 43 00-0835	EA	12' Rhus lancea - African Sumac	449.04	
32 93 43 00-0836	EA	1 Gallon Tristania conferta - Brisbane Box	10.92	
32 93 43 00-0837	EA	5 Gallon Tristania conferta - Brisbane Box	30.25	
32 93 43 00-0838	EA	15 Gallon Tristania conferta - Brisbane Box	82.33	
32 93 43 00-0839	EA	24" Box Tristania conferta - Brisbane Box	268.85	
32 93 43 00-0840	EA	36" Box Tristania conferta - Brisbane Box	756.14	
32 93 43 00-0841		**Palm And Subtropical Trees** *(32 93 43)*		
		Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.		
32 93 43 00-0842	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	90.16	
32 93 43 00-0843	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	140.25	
32 93 43 00-0844	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	180.32	
32 93 43 00-0845	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	240.42	
32 93 43 00-0846	EA	10' To 16' Sabal palmetto - Cabbage Palm	140.83	
32 93 43 00-0847	EA	12' To 16' Cocos nucifera - Coconut Palm	384.08	
32 93 43 00-0848	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	191.25	
32 93 43 00-0849	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	300.53	
32 93 43 00-0850	EA	3' To 4' Chamaerops humilis - European Fan Palm	163.93	
32 93 43 00-0851	EA	5' To 6' Chamaerops humilis - European Fan Palm	218.57	
32 93 43 00-0852	EA	7' To 8' Chamaerops humilis - European Fan Palm	509.99	
32 93 43 00-0853	EA	9' To 10' Chamaerops humilis - European Fan Palm	874.27	
32 93 43 00-0854	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	382.49	
32 93 43 00-0855	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	491.78	
32 93 43 00-0856	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	601.06	
32 93 43 00-0857	EA	4' To 5' Rhapis excelsa - Lady Palm	346.07	
32 93 43 00-0858	EA	6' To 7' Rhapis excelsa - Lady Palm	491.78	
32 93 43 00-0859	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	127.50	
32 93 43 00-0860	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	255.00	
32 93 43 00-0861	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	327.85	
32 93 43 00-0862	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	455.35	
32 93 43 00-0863	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	68.30	
32 93 43 00-0864	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	95.62	
32 93 43 00-0865	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	122.94	
32 93 43 00-0866	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	150.27	
32 93 43 00-0867	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	182.14	
32 93 43 00-0868	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	227.68	
32 93 43 00-0869	EA	8' To 9' Roystonea regia - Royal Palm	278.67	
32 93 43 00-0870	EA	10' To 11' Roystonea regia - Royal Palm	340.60	
32 93 43 00-0871	EA	12' To 13' Roystonea regia - Royal Palm	402.53	
32 93 43 00-0872	EA	14' To 15' Roystonea regia - Royal Palm	464.46	
32 93 43 00-0873	EA	16' To 17' Roystonea regia - Royal Palm	526.38	
32 93 43 00-0874	EA	18' To 19' Roystonea regia - Royal Palm	588.31	
32 93 43 00-0875	EA	20' To 21' Roystonea regia - Royal Palm	650.24	
32 93 43 00-0876	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm	136.60	
32 93 43 00-0877	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm	227.68	
32 93 43 00-0878	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm	346.07	
32 93 43 00-0879	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm	391.60	
32 93 43 00-0880	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm	455.35	
32 93 43 00-0881	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid	391.60	
32 93 43 00-0882	EA	6' Bauninia blakeana - Hong Kong Orchid	464.46	
32 93 43 00-0883	EA	8' Bauninia blakeana - Hong Kong Orchid	619.28	
32 93 43 00-0884	EA	10' Bauninia blakeana - Hong Kong Orchid	774.10	
32 93 43 00-0885	EA	4' To 5' Acacia baileyana - Bailey Acacia	198.66	
32 93 43 00-0886	EA	6' Acacia baileyana - Bailey Acacia	238.39	
32 93 43 00-0887	EA	8' Acacia baileyana - Bailey Acacia	278.12	
32 93 43 00-0888	EA	10' Acacia baileyana - Bailey Acacia	347.66	
32 93 43 00-0889	EA	6' Agonis flexuosa - Peppermint Tree	119.20	
32 93 43 00-0890	EA	8' Agonis flexuosa - Peppermint Tree	149.00	
32 93 43 00-0891	EA	10' Agonis flexuosa - Peppermint Tree	178.79	
32 93 43 00-0892	EA	24" Box Agonis flexuosa - Peppermint Tree	148.50	
32 93 43 00-0893	EA	6' Bauhinia purpurea - Purple Orchid Tree	491.78	
32 93 43 00-0894	EA	8' Bauhinia purpurea - Purple Orchid Tree	655.70	
32 93 43 00-0895	EA	10' Bauhinia purpurea - Purple Orchid Tree	819.63	
32 93 43 00-0896	EA	24" Box Bauhinia purpurea - Purple Orchid Tree	213.10	
32 93 43 00-0897	EA	6' Bauhinia variegata candida - White Orchid Tree	546.42	
32 93 43 00-0898	EA	8' Bauhinia variegata candida - White Orchid Tree	728.56	
32 93 43 00-0899	EA	10' Bauhinia variegata candida - White Orchid Tree	910.70	
32 93 43 00-0900	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush	268.19	
32 93 43 00-0901	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush	357.59	
32 93 43 00-0902	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush	446.98	
32 93 43 00-0903	EA	6' Eriobotrya deflexa - Bronze Loquat	491.78	
32 93 43 00-0904	EA	8' Eriobotrya deflexa - Bronze Loquat	655.70	
32 93 43 00-0905	EA	10' Eriobotrya deflexa - Bronze Loquat	819.63	
32 93 43 00-0906	EA	6' Eucalyptus erythrocorys - Red Cap Gum	491.78	
32 93 43 00-0907	EA	8' Eucalyptus erythrocorys - Red Cap Gum	655.70	
32 93 43 00-0908	EA	10' Eucalyptus erythrocorys - Red Cap Gum	819.63	
32 93 43 00-0909	EA	6' Eucalyptus torquala - Coral Gum	491.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0910	EA	8' Eucalyptus torquala - Coral Gum	655.70	
32 93 43 00-0911	EA	10' Eucalyptus torquala - Coral Gum	819.63	
32 93 43 00-0912	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash	278.12	
32 93 43 00-0913	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash	377.45	
32 93 43 00-0914	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash	466.85	
32 93 43 00-0915	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm	8.36	
32 93 43 00-0916	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm	26.02	
32 93 43 00-0917	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm	91.06	
32 93 43 00-0918	EA	24" Box Washingtonia robusta - Mexican Fan Palm	297.33	
32 93 43 00-0919	EA	36" Box Washingtonia robusta - Mexican Fan Palm	789.78	
32 93 43 00-0920	EA	6' Washingtonia robusta - Mexican Fan Palm	491.78	
32 93 43 00-0921	EA	8' Washingtonia robusta - Mexican Fan Palm	655.70	
32 93 43 00-0922	EA	10' Washingtonia robusta - Mexican Fan Palm	819.63	
32 93 43 00-0923	EA	12' Washingtonia robusta - Mexican Fan Palm	983.56	
32 93 43 00-0924	EA	6' Olea europaea - Olive "Fruitless"	303.10	
32 93 43 00-0925	EA	8' Olea europaea - Olive "Fruitless"	404.14	
32 93 43 00-0926	EA	10' Olea europaea - Olive "Fruitless"	505.17	
32 93 43 00-0927	EA	12' Olea europaea - Olive "Fruitless"	606.20	
32 93 43 00-0928	EA	24" Box Olea europaea - Olive "Fruitless"	372.70	
32 93 43 00-0929	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum	491.78	
32 93 43 00-0930	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum	655.70	
32 93 43 00-0931	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum	819.63	
32 93 43 00-0932	EA	6' Eucalyptus leucoxylon - White Ironbark	491.78	
32 93 43 00-0933	EA	8' Eucalyptus leucoxylon - White Ironbark	655.70	
32 93 43 00-0934	EA	10' Eucalyptus leucoxylon - White Ironbark	819.63	
32 93 43 00-0935	EA	12' Eucalyptus leucoxylon - White Ironbark	983.56	
32 93 43 00-0936	EA	6' Callistemon viminalis - Weeping Bottle Brush	268.19	
32 93 43 00-0937	EA	8' Callistemon viminalis - Weeping Bottle Brush	357.59	
32 93 43 00-0938	EA	10' Callistemon viminalis - Weeping Bottle Brush	446.98	
32 93 43 00-0939	EA	12' Callistemon viminalis - Weeping Bottle Brush	536.38	
32 93 43 00-0940	EA	6' Eucalyptus gunnii - Cider Gum	491.78	
32 93 43 00-0941	EA	8' Eucalyptus gunnii - Cider Gum	655.70	
32 93 43 00-0942	EA	10' Eucalyptus gunnii - Cider Gum	819.63	
32 93 43 00-0943	EA	6' Jacarandra acutifolia - Jacaranda	491.78	
32 93 43 00-0944	EA	8' Jacarandra acutifolia - Jacaranda	655.70	
32 93 43 00-0945	EA	10' Jacarandra acutifolia - Jacaranda	819.63	
32 93 43 00-0946	EA	24" Box Jacarandra acutifolia - Jacaranda	213.10	
32 93 43 00-0947	EA	5 Gallon Phoenix roebelenii - Pygmy Date Palm	31.82	
32 93 43 00-0948	EA	7 Gallon Phoenix roebelenii - Pygmy Date Palm	77.57	
32 93 43 00-0949	EA	15 Gallon Phoenix roebelenii - Pygmy Date Palm	117.35	
32 93 43 00-0950	EA	24" Box Phoenix roebelenii - Pygmy Date Palm	348.08	
32 93 43 00-0951	EA	5 Gallon Pistacia chinensis - Chinese Pistache	32.79	
32 93 43 00-0952	EA	15 Gallon Pistacia chinensis - Chinese Pistache	109.28	
32 93 43 00-0953	EA	24" Box Pistacia chinensis - Chinese Pistache	424.39	
32 93 43 00-0954	EA	36" Box Pistacia chinensis - Chinese Pistache	1,129.27	
32 93 43 00-0955	EA	48" Box Pistacia chinensis - Chinese Pistache	2,404.25	
32 93 43 00-0956	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single	18.48	
32 93 43 00-0957	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single	61.58	
32 93 43 00-0958	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single	231.44	
32 93 43 00-0959	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single	423.15	
32 93 43 00-0960	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single	615.85	
32 93 43 00-0961	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi	18.48	
32 93 43 00-0962	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi	65.56	
32 93 43 00-0963	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi	238.39	
32 93 43 00-0964	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi	423.15	
32 93 43 00-0965	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi	615.85	

32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.28	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.07	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	2.58	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	4.13	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	20.64	
		For >10 To 25, Deduct	*-1.03*	
		For >25 To 50, Deduct	*-2.58*	
		For >50 To 100, Deduct	*-4.13*	
		For >100, Deduct	*-6.19*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	28.89	
		For >10 To 25, Deduct	*-1.44*	
		For >25 To 50, Deduct	*-3.61*	
		For >50 To 100, Deduct	*-5.78*	
		For >100, Deduct	*-8.67*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	37.15	
		For >10 To 25, Deduct	*-1.86*	
		For >25 To 50, Deduct	*-4.64*	
		For >50 To 100, Deduct	*-7.43*	
		For >100, Deduct	*-11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	61.92	
		For >10 To 25, Deduct	*-3.10*	
		For >25 To 50, Deduct	*-7.74*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-18.58*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	82.55	
		For >10 To 25, Deduct	*-4.13*	
		For >25 To 50, Deduct	*-10.32*	
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-24.77*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	107.32	
		For >10 To 25, Deduct	*-5.37*	
		For >25 To 50, Deduct	*-13.42*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-32.20*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	152.72	
		For >10 To 25, Deduct	*-7.64*	
		For >25 To 50, Deduct	*-19.09*	
		For >50 To 100, Deduct	*-30.54*	
		For >100, Deduct	*-45.82*	
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	251.78	
		For >10 To 25, Deduct	*-12.59*	
		For >25 To 50, Deduct	*-31.47*	
		For >50 To 100, Deduct	*-50.36*	
		For >100, Deduct	*-75.53*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	326.07	
		For >10 To 25, Deduct	*-16.30*	
		For >25 To 50, Deduct	*-40.76*	
		For >50 To 100, Deduct	*-65.21*	
		For >100, Deduct	*-97.82*	
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	392.11	
		For >10 To 25, Deduct	*-19.61*	
		For >25 To 50, Deduct	*-49.01*	
		For >50 To 100, Deduct	*-78.42*	
		For >100, Deduct	*-117.63*	
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	487.05	
		For >10 To 25, Deduct	*-24.35*	
		For >25 To 50, Deduct	*-60.88*	
		For >50 To 100, Deduct	*-97.41*	
		For >100, Deduct	*-146.12*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	577.85	
		For >10 To 25, Deduct	*-28.89*	
		For >25 To 50, Deduct	*-72.23*	
		For >50 To 100, Deduct	*-115.57*	
		For >100, Deduct	*-173.36*	
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting	206.38	
		For >10 To 25, Deduct	*-10.32*	
		For >25 To 50, Deduct	*-25.80*	
		For >50 To 100, Deduct	*-41.28*	
		For >100, Deduct	*-61.91*	
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting	274.89	
		For >10 To 25, Deduct	*-13.74*	
		For >25 To 50, Deduct	*-34.36*	
		For >50 To 100, Deduct	*-54.98*	
		For >100, Deduct	*-82.47*	
32 93 83 00-0020	EA	8' Balled And Burlapped Tree Planting	309.56	
		For >10 To 25, Deduct	*-15.48*	
		For >25 To 50, Deduct	*-38.70*	
		For >50 To 100, Deduct	*-61.91*	
		For >100, Deduct	*-92.87*	
32 93 83 00-0021	EA	10' Balled And Burlapped Tree Planting	361.16	
		For >10 To 25, Deduct	*-18.06*	
		For >25 To 50, Deduct	*-45.15*	
		For >50 To 100, Deduct	*-72.23*	
		For >100, Deduct	*-108.35*	
32 93 83 00-0022	EA	12' Balled And Burlapped Tree Planting	482.92	
		For >10 To 25, Deduct	*-24.15*	
		For >25 To 50, Deduct	*-60.37*	
		For >50 To 100, Deduct	*-96.58*	
		For >100, Deduct	*-144.88*	
32 93 83 00-0023	EA	14' Balled And Burlapped Tree Planting	553.09	
		For >10 To 25, Deduct	*-27.65*	
		For >25 To 50, Deduct	*-69.14*	
		For >50 To 100, Deduct	*-110.62*	
		For >100, Deduct	*-165.93*	
32 93 83 00-0024	EA	16' Balled And Burlapped Tree Planting	670.72	
		For >10 To 25, Deduct	*-33.54*	
		For >25 To 50, Deduct	*-83.84*	
		For >50 To 100, Deduct	*-134.14*	
		For >100, Deduct	*-201.22*	
32 93 83 00-0025	EA	18' Balled And Burlapped Tree Planting	804.87	
		For >10 To 25, Deduct	*-40.24*	
		For >25 To 50, Deduct	*-100.61*	
		For >50 To 100, Deduct	*-160.97*	
		For >100, Deduct	*-241.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0026	EA	20' Balled And Burlapped Tree Planting	928.69	
		For >10 To 25, Deduct	*-46.43*	
		For >25 To 50, Deduct	*-116.09*	
		For >50 To 100, Deduct	*-185.74*	
		For >100, Deduct	*-278.61*	
32 93 83 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	309.56	
		For >10 To 25, Deduct	*-15.48*	
		For >25 To 50, Deduct	*-38.70*	
		For >50 To 100, Deduct	*-61.91*	
		For >100, Deduct	*-92.87*	
32 93 83 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	361.16	
		For >10 To 25, Deduct	*-18.06*	
		For >25 To 50, Deduct	*-45.15*	
		For >50 To 100, Deduct	*-72.23*	
		For >100, Deduct	*-108.35*	
32 93 83 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	484.98	
		For >10 To 25, Deduct	*-24.25*	
		For >25 To 50, Deduct	*-60.62*	
		For >50 To 100, Deduct	*-97.00*	
		For >100, Deduct	*-145.49*	
32 93 83 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	557.21	
		For >10 To 25, Deduct	*-27.86*	
		For >25 To 50, Deduct	*-69.65*	
		For >50 To 100, Deduct	*-111.44*	
		For >100, Deduct	*-167.16*	
32 93 83 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	619.13	
		For >10 To 25, Deduct	*-30.96*	
		For >25 To 50, Deduct	*-77.39*	
		For >50 To 100, Deduct	*-123.83*	
		For >100, Deduct	*-185.74*	
32 93 83 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	709.92	
		For >10 To 25, Deduct	*-35.50*	
		For >25 To 50, Deduct	*-88.74*	
		For >50 To 100, Deduct	*-141.98*	
		For >100, Deduct	*-212.98*	

32 93 83 00-0033 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0034	EA	1 Gallon Container Shrub Planting	17.55	
		For >10 To 25, Deduct	*-0.88*	
		For >25 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-3.51*	
		For >100, Deduct	*-5.27*	
32 93 83 00-0035	EA	2 Gallon Container Shrub Planting	24.76	
		For >10 To 25, Deduct	*-1.24*	
		For >25 To 50, Deduct	*-3.10*	
		For >50 To 100, Deduct	*-4.95*	
		For >100, Deduct	*-7.43*	
32 93 83 00-0036	EA	3 Gallon Container Shrub Planting	30.96	
		For >10 To 25, Deduct	*-1.55*	
		For >25 To 50, Deduct	*-3.87*	
		For >50 To 100, Deduct	*-6.19*	
		For >100, Deduct	*-9.29*	
32 93 83 00-0037	EA	4 Gallon Container Shrub Planting	41.28	
		For >10 To 25, Deduct	*-2.06*	
		For >25 To 50, Deduct	*-5.16*	
		For >50 To 100, Deduct	*-8.26*	
		For >100, Deduct	*-12.38*	
32 93 83 00-0038	EA	5 Gallon Container Shrub Planting	51.60	
		For >10 To 25, Deduct	*-2.58*	
		For >25 To 50, Deduct	*-6.45*	
		For >50 To 100, Deduct	*-10.32*	
		For >100, Deduct	*-15.48*	
32 93 83 00-0039	EA	7 Gallon Container Shrub Planting	70.17	
		For >10 To 25, Deduct	*-3.51*	
		For >25 To 50, Deduct	*-8.77*	
		For >50 To 100, Deduct	*-14.03*	
		For >100, Deduct	*-21.05*	
32 93 83 00-0040	EA	10 Gallon Container Shrub Planting	92.86	
		For >10 To 25, Deduct	*-4.64*	
		For >25 To 50, Deduct	*-11.61*	
		For >50 To 100, Deduct	*-18.57*	
		For >100, Deduct	*-27.86*	
32 93 83 00-0041	EA	15 Gallon Container Shrub Planting	127.95	
		For >10 To 25, Deduct	*-6.40*	
		For >25 To 50, Deduct	*-15.99*	
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-38.39*	
32 93 83 00-0042	EA	20 Gallon Container Shrub Planting	214.63	
		For >10 To 25, Deduct	*-10.73*	
		For >25 To 50, Deduct	*-26.83*	
		For >50 To 100, Deduct	*-42.93*	
		For >100, Deduct	*-64.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0043	EA	25 Gallon Container Shrub Planting	274.89	
		For >10 To 25, Deduct	*-13.74*	
		For >25 To 50, Deduct	*-34.36*	
		For >50 To 100, Deduct	*-54.98*	
		For >100, Deduct	*-82.47*	
32 93 83 00-0044	EA	15" Balled And Burlapped Shrub Planting	57.78	
		For >10 To 25, Deduct	*-2.89*	
		For >25 To 50, Deduct	*-7.22*	
		For >50 To 100, Deduct	*-11.56*	
		For >100, Deduct	*-17.33*	
32 93 83 00-0045	EA	18" Balled And Burlapped Shrub Planting	59.85	
		For >10 To 25, Deduct	*-2.99*	
		For >25 To 50, Deduct	*-7.48*	
		For >50 To 100, Deduct	*-11.97*	
		For >100, Deduct	*-17.96*	
32 93 83 00-0046	EA	24" Balled And Burlapped Shrub Planting	66.04	
		For >10 To 25, Deduct	*-3.30*	
		For >25 To 50, Deduct	*-8.26*	
		For >50 To 100, Deduct	*-13.21*	
		For >100, Deduct	*-19.81*	
32 93 83 00-0047	EA	30" Balled And Burlapped Shrub Planting	66.04	
		For >10 To 25, Deduct	*-3.30*	
		For >25 To 50, Deduct	*-8.26*	
		For >50 To 100, Deduct	*-13.21*	
		For >100, Deduct	*-19.81*	
32 93 83 00-0048	EA	36" Balled And Burlapped Shrub Planting	72.24	
		For >10 To 25, Deduct	*-3.61*	
		For >25 To 50, Deduct	*-9.03*	
		For >50 To 100, Deduct	*-14.45*	
		For >100, Deduct	*-21.67*	
32 93 83 00-0049	EA	42" Balled And Burlapped Shrub Planting	76.36	
		For >10 To 25, Deduct	*-3.82*	
		For >25 To 50, Deduct	*-9.55*	
		For >50 To 100, Deduct	*-15.27*	
		For >100, Deduct	*-22.91*	
32 93 83 00-0050	EA	48" Balled And Burlapped Shrub Planting	82.55	
		For >10 To 25, Deduct	*-4.13*	
		For >25 To 50, Deduct	*-10.32*	
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-24.77*	
32 93 83 00-0051	EA	5' Balled And Burlapped Shrub Planting	123.82	
		For >10 To 25, Deduct	*-6.19*	
		For >25 To 50, Deduct	*-15.48*	
		For >50 To 100, Deduct	*-24.76*	
		For >100, Deduct	*-37.15*	
32 93 83 00-0052	EA	6' Balled And Burlapped Shrub Planting	175.42	
		For >10 To 25, Deduct	*-8.77*	
		For >25 To 50, Deduct	*-21.93*	
		For >50 To 100, Deduct	*-35.08*	
		For >100, Deduct	*-52.63*	
32 93 83 00-0053	EA	7' Balled And Burlapped Shrub Planting	233.20	
		For >10 To 25, Deduct	*-11.66*	
		For >25 To 50, Deduct	*-29.15*	
		For >50 To 100, Deduct	*-46.64*	
		For >100, Deduct	*-69.96*	
32 93 83 00-0054	EA	8' Balled And Burlapped Shrub Planting	264.16	
		For >10 To 25, Deduct	*-13.21*	
		For >25 To 50, Deduct	*-33.02*	
		For >50 To 100, Deduct	*-52.83*	
		For >100, Deduct	*-79.25*	
32 93 83 00-0055	EA	9' Balled And Burlapped Shrub Planting	284.80	
		For >10 To 25, Deduct	*-14.24*	
		For >25 To 50, Deduct	*-35.60*	
		For >50 To 100, Deduct	*-56.96*	
		For >100, Deduct	*-85.44*	
32 93 83 00-0056	EA	10' Balled And Burlapped Shrub Planting	309.56	
		For >10 To 25, Deduct	*-15.48*	
		For >25 To 50, Deduct	*-38.70*	
		For >50 To 100, Deduct	*-61.91*	
		For >100, Deduct	*-92.87*	

32 93 83 00-0057 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0058	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	1.72	
		For >10 To 25, Deduct	*-0.09*	
		For >25 To 50, Deduct	*-0.22*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.52*	
32 93 83 00-0059	EA	3" Diameter Potted Groundcover And Flower Planting	1.97	
		For >10 To 25, Deduct	*-0.10*	
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0060	EA	4" Diameter Potted Groundcover And Flower Planting	2.29	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.46*	
		For >100, Deduct	*-0.69*	
32 93 83 00-0061	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	2.75	
		For >10 To 25, Deduct	*-0.14*	
		For >25 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.55*	
		For >100, Deduct	*-0.83*	
32 93 83 00-0062	EA	6" Diameter Potted Groundcover And Flower Planting	3.44	
		For >10 To 25, Deduct	*-0.17*	
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.69*	
		For >100, Deduct	*-1.03*	
32 93 83 00-0063	EA	8" Diameter Potted Groundcover And Flower Planting	5.16	
		For >10 To 25, Deduct	*-0.26*	
		For >25 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-1.55*	
32 93 83 00-0064	EA	1 Gallon Container Groundcover And Flower Planting	16.51	
		For >10 To 25, Deduct	*-0.83*	
		For >25 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-3.30*	
		For >100, Deduct	*-4.95*	
32 93 83 00-0065	EA	2 Gallon Container Groundcover And Flower Planting	22.70	
		For >10 To 25, Deduct	*-1.14*	
		For >25 To 50, Deduct	*-2.84*	
		For >50 To 100, Deduct	*-4.54*	
		For >100, Deduct	*-6.81*	
32 93 83 00-0066	EA	3 Gallon Container Groundcover And Flower Planting	28.89	
		For >10 To 25, Deduct	*-1.44*	
		For >25 To 50, Deduct	*-3.61*	
		For >50 To 100, Deduct	*-5.78*	
		For >100, Deduct	*-8.67*	
32 93 83 00-0067	EA	4 Gallon Container Groundcover And Flower Planting	37.15	
		For >10 To 25, Deduct	*-1.86*	
		For >25 To 50, Deduct	*-4.64*	
		For >50 To 100, Deduct	*-7.43*	
		For >100, Deduct	*-11.15*	
32 93 83 00-0068	EA	5 Gallon Container Groundcover And Flower Planting	45.40	
		For >10 To 25, Deduct	*-2.27*	
		For >25 To 50, Deduct	*-5.68*	
		For >50 To 100, Deduct	*-9.08*	
		For >100, Deduct	*-13.62*	
32 93 83 00-0069	EA	7 Gallon Container Groundcover And Flower Planting	61.92	
		For >10 To 25, Deduct	*-3.10*	
		For >25 To 50, Deduct	*-7.74*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-18.58*	
32 93 83 00-0070	EA	Bulb Planting	1.03	
		For >10 To 25, Deduct	*-0.05*	
		For >25 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.21*	
		For >100, Deduct	*-0.31*	
32 93 83 00-0071	EA	Flats Of 24 Groundcover And Flower Planting	28.89	
		For >10 To 25, Deduct	*-1.44*	
		For >25, Deduct	*-3.61*	
32 93 83 00-0072	EA	Flats Of 36 Groundcover And Flower Planting	40.98	
		For >10 To 25, Deduct	*-2.05*	
		For >25, Deduct	*-5.12*	
32 93 83 00-0073	EA	Flats Of 48 Groundcover And Flower Planting	54.56	
		For >10 To 25, Deduct	*-2.73*	
		For >25, Deduct	*-6.82*	

32 93 83 00-0074 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0075	EA	2' x 1-1/4' Deep Tree Pit	113.26	
32 93 83 00-0076	EA	2' x 2-1/2' Deep Tree Pit	169.85	
32 93 83 00-0077	EA	2-1/2' x 1-1/2' Deep Tree Pit	219.36	
32 93 83 00-0078	EA	2-1/2' x 3' Deep Tree Pit	328.99	
32 93 83 00-0079	EA	3' x 1-3/4' Deep Tree Pit	338.67	
32 93 83 00-0080	EA	3' x 3-1/2' Deep Tree Pit	505.37	
32 93 83 00-0081	EA	3-1/2' x 1-3/4' Deep Tree Pit	415.03	
32 93 83 00-0082	EA	3-1/2' x 3-1/2' Deep Tree Pit	621.68	
32 93 83 00-0083	EA	4' x 2' Deep Tree Pit	496.11	
32 93 83 00-0084	EA	4' x 4' Deep Tree Pit	743.75	
32 93 83 00-0085	EA	4-1/2' x 2' Deep Tree Pit	714.25	
32 93 83 00-0086	EA	4-1/2' x 4' Deep Tree Pit	1,073.47	
32 93 83 00-0087	EA	5' x 2-1/4' Deep Tree Pit	950.03	
32 93 83 00-0088	EA	5' x 4-1/2' Deep Tree Pit	1,415.10	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0089	EA	6' x 2-1/2' Deep Tree Pit		1,347.32	
32 93 83 00-0090	EA	6' x 5' Deep Tree Pit		2,017.99	
32 93 83 00-0091	EA	7' x 3' Deep Tree Pit		2,269.77	
32 93 83 00-0092	EA	7' x 6' Deep Tree Pit		3,422.78	
32 93 83 00-0093	EA	8' x 3-1/4' Deep Tree Pit		3,120.97	
32 93 83 00-0094	EA	8' x 6-1/2' Deep Tree Pit		4,679.47	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top		5.47	1.06
		For >2,000 To 5,000 LF, Deduct		*-0.34*	
		For >5,000 LF, Deduct		*-0.67*	
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top		3.17	1.06
		For >2,000 To 5,000 LF, Deduct		*-0.11*	
		For >5,000 LF, Deduct		*-0.21*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top		3.23	1.06
		For >2,000 To 5,000 LF, Deduct		*-0.11*	
		For >5,000 LF, Deduct		*-0.22*	
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top		3.26	1.06
		For >2,000 To 5,000 LF, Deduct		*-0.11*	
		For >5,000 LF, Deduct		*-0.23*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging		9.27	2.50
		For >1,000 LF, Deduct		*-1.07*	
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging		10.15	2.50
		For >1,000 LF, Deduct		*-1.29*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging		10.21	2.50
		For >1,000 LF, Deduct		*-1.30*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging		11.75	2.59
		For >1,000 LF, Deduct		*-1.65*	
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging		12.84	2.59
		For >1,000 LF, Deduct		*-1.93*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging		12.81	2.59
		For >1,000 LF, Deduct		*-1.92*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging		10.43	2.67
		For >1,000 LF, Deduct		*-1.29*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging		11.64	2.67
		For >1,000 LF, Deduct		*-1.59*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging		11.76	2.67
		For >1,000 LF, Deduct		*-1.62*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging		13.26	2.75
		For >1,000 LF, Deduct		*-1.96*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging		14.47	2.75
		For >1,000 LF, Deduct		*-2.26*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging		14.57	2.75
		For >1,000 LF, Deduct		*-2.29*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging		9.87	2.59
		For >1,000 LF, Deduct		*-1.17*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging		11.65	2.59
		For >1,000 LF, Deduct		*-1.62*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging		16.43	2.59
		For >1,000 LF, Deduct		*-2.81*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)		7.34	2.50
		For >1,000 LF, Deduct		*-0.59*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)		8.40	2.50
		For >1,000 LF, Deduct		*-0.85*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)		9.34	2.50
		For >1,000 LF, Deduct		*-1.09*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)		9.53	2.50
		For >1,000 LF, Deduct		*-1.13*	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	1" x 4" Redwood Edging		4.69	1.51
32 94 16 00-0002	LF	2" x 4" Redwood Edging		6.39	2.26
32 94 16 00-0003	LF	3" x 4" Pressure Treated Landscape Timber		5.02	2.26
		Note: 2 rounded edges and 2 straight edges.			
32 94 16 00-0004	LF	3" x 5" Pressure Treated Landscape Timber		6.56	2.92
		Note: 2 rounded edges and 2 straight edges.			
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood		10.48	3.01
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood		13.89	3.77
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood		16.13	4.42
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine		3.77	1.51
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine		5.75	2.26
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine		9.93	2.92
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine		13.74	3.77
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine		17.01	4.42
32 94 16 00-0013	LF	6" x 8" Railroad Ties		13.23	4.13
32 94 16 00-0014	LF	7" x 9" Railroad Ties		15.87	5.17

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	967.40	53.67
		For >3 To 9, Deduct	*-64.50*	
		For >9, Deduct	*-133.31*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	1,123.76	53.67
		For >3 To 9, Deduct	*-76.23*	
		For >9, Deduct	*-157.55*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	1,355.01	71.56
		For >3 To 9, Deduct	*-90.89*	
		For >9, Deduct	*-187.84*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	1,695.35	71.56
		For >3 To 9, Deduct	*-116.42*	
		For >9, Deduct	*-240.60*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	2,174.95	89.45
		For >3 To 9, Deduct	*-149.70*	
		For >9, Deduct	*-309.39*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	2,275.11	107.34
		For >3 To 9, Deduct	*-154.53*	
		For >9, Deduct	*-319.37*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	2,511.97	107.34
		For >3 To 9, Deduct	*-172.30*	
		For >9, Deduct	*-356.08*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	3,339.59	152.07
		For >3 To 9, Deduct	*-227.66*	
		For >9, Deduct	*-470.50*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	3,477.57	152.07
		For >3 To 9, Deduct	*-238.01*	
		For >9, Deduct	*-491.88*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	3,592.55	152.07
		For >3 To 9, Deduct	*-246.63*	
		For >9, Deduct	*-509.71*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	3,684.53	152.07
		For >3 To 9, Deduct	*-253.53*	
		For >9, Deduct	*-523.96*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	3,753.52	152.07
		For >3 To 9, Deduct	*-258.71*	
		For >9, Deduct	*-534.66*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	4,110.74	178.90
		For >3 To 9, Deduct	*-281.47*	
		For >9, Deduct	*-581.71*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	889.20	53.67
		For >3 To 9, Deduct	*-58.64*	
		For >9, Deduct	*-121.19*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	1,084.67	53.67
		For >3 To 9, Deduct	*-73.30*	
		For >9, Deduct	*-151.49*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	1,604.65	89.45
		For >3 To 9, Deduct	*-106.93*	
		For >9, Deduct	*-220.99*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	1,903.60	89.45
		For >3 To 9, Deduct	*-129.35*	
		For >9, Deduct	*-267.33*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	2,179.55	89.45
		For >3 To 9, Deduct	*-150.05*	
		For >9, Deduct	*-310.10*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	2,432.51	89.45
		For >3 To 9, Deduct	*-169.02*	
		For >9, Deduct	*-349.31*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	2,662.47	89.45
		For >3 To 9, Deduct	*-186.27*	
		For >9, Deduct	*-384.95*	
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	2,869.43	89.45
		For >3 To 9, Deduct	*-201.79*	
		For >9, Deduct	*-417.03*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	2,734.03	125.23
		For >3 To 9, Deduct	*-186.27*	
		For >9, Deduct	*-384.95*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	2,940.99	125.23
		For >3 To 9, Deduct	*-201.79*	
		For >9, Deduct	*-417.03*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	3,124.96	125.23
		For >3 To 9, Deduct	*-215.59*	
		For >9, Deduct	*-445.55*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	3,285.93	125.23
		For >3 To 9, Deduct	*-227.66*	
		For >9, Deduct	*-470.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	3,423.91	125.23
		For >3 To 9, Deduct	*-238.01*	
		For >9, Deduct	*-491.88*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	3,538.89	125.23
		For >3 To 9, Deduct	*-246.63*	
		For >9, Deduct	*-509.71*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	3,339.59	152.07
		For >3 To 9, Deduct	*-227.66*	
		For >9, Deduct	*-470.50*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	3,477.57	152.07
		For >3 To 9, Deduct	*-238.01*	
		For >9, Deduct	*-491.88*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	3,592.55	152.07
		For >3 To 9, Deduct	*-246.63*	
		For >9, Deduct	*-509.71*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	3,684.53	152.07
		For >3 To 9, Deduct	*-253.53*	
		For >9, Deduct	*-523.96*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	3,753.52	152.07
		For >3 To 9, Deduct	*-258.71*	
		For >9, Deduct	*-534.66*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	3,799.51	152.07
		For >3 To 9, Deduct	*-262.15*	
		For >9, Deduct	*-541.79*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	3,822.51	152.07
		For >3 To 9, Deduct	*-263.88*	
		For >9, Deduct	*-545.35*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	3,845.50	152.07
		For >3 To 9, Deduct	*-265.60*	
		For >9, Deduct	*-548.91*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,695.35	71.56
		For >3 To 9, Deduct	*-116.42*	
		For >9, Deduct	*-240.60*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,729.84	71.56
		For >3 To 9, Deduct	*-119.00*	
		For >9, Deduct	*-245.94*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	2,112.86	89.45
		For >3 To 9, Deduct	*-145.05*	
		For >9, Deduct	*-299.76*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	2,496.90	89.45
		For >3 To 9, Deduct	*-173.85*	
		For >9, Deduct	*-359.29*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	2,662.47	89.45
		For >3 To 9, Deduct	*-186.27*	
		For >9, Deduct	*-384.95*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	3,546.56	152.07
		For >3 To 9, Deduct	*-243.18*	
		For >9, Deduct	*-502.58*	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	27.79
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	45.80
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	78.93

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	122.85
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	166.44
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	216.30
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	274.70

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	6.30
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	10.52
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	20.91
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	32.58

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	10.21
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	9.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0019		**Stake Out Tree And Shrub Locations** *(32 94 49)* Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	6.28	
32 94 49 00-0021		**Root Barriers** *(32 94 49)*		
32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	11.62	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	16.59	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	19.63	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	37.08	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	51.33	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001		**Moving Shrubs On Site, Relocate** *(32 96 33)* Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	70.54	
		For >25 To 50, Deduct	*-7.05*	
		For >50, Deduct	*-10.58*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	95.43	
		For >25 To 50, Deduct	*-9.54*	
		For >50, Deduct	*-14.31*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	161.81	
		For >25 To 50, Deduct	*-16.18*	
		For >50, Deduct	*-24.27*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	248.95	
		For >25 To 50, Deduct	*-24.90*	
		For >50, Deduct	*-37.34*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001		**Moving Trees On Site, Relocate** *(32 96 43)* Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0840 for crane lifting equipment, 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	271.22	
		For >5 To 10, Deduct	*-13.56*	
		For >10 To 20, Deduct	*-27.12*	
		For >20, Deduct	*-40.68*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	371.96	
		For >5 To 10, Deduct	*-18.60*	
		For >10 To 20, Deduct	*-37.20*	
		For >20, Deduct	*-55.79*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	602.71	
		For >5 To 10, Deduct	*-30.14*	
		For >10 To 20, Deduct	*-60.27*	
		For >20, Deduct	*-90.41*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,001.42	
		For >5 To 10, Deduct	*-50.07*	
		For >10 To 20, Deduct	*-100.14*	
		For >20, Deduct	*-150.21*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,627.32	
		For >5 To 10, Deduct	*-81.37*	
		For >10 To 20, Deduct	*-162.73*	
		For >20, Deduct	*-244.10*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,099.76	
		For >5 To 10, Deduct	*-104.99*	
		For >10 To 20, Deduct	*-209.98*	
		For >20, Deduct	*-314.96*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	2,712.20	
		For >5 To 10, Deduct	*-135.61*	
		For >10 To 20, Deduct	*-271.22*	
		For >20, Deduct	*-406.83*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	3,254.64	
		For >5 To 10, Deduct	*-162.73*	
		For >10 To 20, Deduct	*-325.46*	
		For >20, Deduct	*-488.20*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	3,698.46	
		For >5 To 10, Deduct	*-184.92*	
		For >10 To 20, Deduct	*-369.85*	
		For >20, Deduct	*-554.77*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0006 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	961.86	
33 01 10 58-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	480.92	
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.36	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.04*	
		For >1,000 To 2,000, Deduct	*-0.05*	
		For >2,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.09*	
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.55	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.06*	
		For >1,000 To 2,000, Deduct	*-0.08*	
		For >2,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.14*	
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.72	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.07*	
		For >1,000 To 2,000, Deduct	*-0.11*	
		For >2,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.18*	
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	0.85	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000 To 2,000, Deduct	*-0.13*	
		For >2,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.21*	
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	1.11	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.11*	
		For >1,000 To 2,000, Deduct	*-0.17*	
		For >2,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.28*	
33 01 10 58-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.26	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.19*	
		For >2,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.32*	
33 01 10 58-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.44	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.14*	
		For >1,000 To 2,000, Deduct	*-0.22*	
		For >2,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.36*	
33 01 10 58-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.70	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.26*	
		For >2,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.43*	
33 01 10 58-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	2.19	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.22*	
		For >1,000 To 2,000, Deduct	*-0.33*	
		For >2,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.55*	
33 01 10 58-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	3.20	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 2,000, Deduct	*-0.48*	
		For >2,000 To 5,000, Deduct	*-0.64*	
		For >5,000, Deduct	*-0.80*	
33 01 10 58-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	4.44	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000 To 2,000, Deduct	*-0.67*	
		For >2,000 To 5,000, Deduct	*-0.89*	
		For >5,000, Deduct	*-1.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 01 10 71-0001 Relining Underground Water Pipelines *(33 01 10 71)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.

33 01 10 71-0002 Relining Underground Water Pipelines Set-Up And Reinsertion *(33 01 10 71-0001)*

33 01 10 71-0003	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	5,023.20
33 01 10 71-0004	EA	Move And Reset Up At Different Access/Location	2,009.28

33 01 10 71-0005 Lining Pipe With Cement *(33 01 10 71-0001)*

33 01 10 71-0006	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	57.26
		For 3/16" Thickness, Add	*1.13*
		For 1/4" Thickness, Add	*2.25*
33 01 10 71-0007	LF	>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	51.05
		For 3/16" Thickness, Add	*1.13*
		For 1/4" Thickness, Add	*2.25*
33 01 10 71-0008	LF	>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	42.73
		For 3/16" Thickness, Add	*1.13*
		For 1/4" Thickness, Add	*2.25*
33 01 10 71-0009	LF	>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	32.28
		For 3/16" Thickness, Add	*1.13*
		For 1/4" Thickness, Add	*2.25*
33 01 10 71-0010	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	59.80
		For 3/16" Thickness, Add	*1.68*
		For 1/4" Thickness, Add	*3.36*
33 01 10 71-0011	LF	>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	53.35
		For 3/16" Thickness, Add	*1.68*
		For 1/4" Thickness, Add	*3.36*
33 01 10 71-0012	LF	>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	44.75
		For 3/16" Thickness, Add	*1.68*
		For 1/4" Thickness, Add	*3.36*
33 01 10 71-0013	LF	>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	34.14
		For 3/16" Thickness, Add	*1.68*
		For 1/4" Thickness, Add	*3.36*
33 01 10 71-0014	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	62.25
		For 3/16" Thickness, Add	*2.24*
		For 1/4" Thickness, Add	*4.47*
33 01 10 71-0015	LF	>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	55.65
		For 3/16" Thickness, Add	*2.24*
		For 1/4" Thickness, Add	*4.47*
33 01 10 71-0016	LF	>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	46.76
		For 3/16" Thickness, Add	*2.24*
		For 1/4" Thickness, Add	*4.47*
33 01 10 71-0017	LF	>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	36.02
		For 3/16" Thickness, Add	*2.24*
		For 1/4" Thickness, Add	*4.47*
33 01 10 71-0018	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	64.20
		For 3/16" Thickness, Add	*2.81*
		For 1/4" Thickness, Add	*5.61*
33 01 10 71-0019	LF	>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	57.49
		For 3/16" Thickness, Add	*2.81*
		For 1/4" Thickness, Add	*5.61*
33 01 10 71-0020	LF	>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	48.47
		For 3/16" Thickness, Add	*2.81*
		For 1/4" Thickness, Add	*5.61*
33 01 10 71-0021	LF	>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	37.92
		For 3/16" Thickness, Add	*2.81*
		For 1/4" Thickness, Add	*5.61*
33 01 10 71-0022	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	69.53
		For 3/16" Thickness, Add	*3.36*
		For 1/4" Thickness, Add	*6.72*
33 01 10 71-0023	LF	>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	62.41
		For 3/16" Thickness, Add	*3.36*
		For 1/4" Thickness, Add	*6.72*
33 01 10 71-0024	LF	>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	52.80
		For 3/16" Thickness, Add	*3.36*
		For 1/4" Thickness, Add	*6.72*
33 01 10 71-0025	LF	>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	41.40
		For 3/16" Thickness, Add	*3.36*
		For 1/4" Thickness, Add	*6.72*
33 01 10 71-0026	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	75.93
		For 1/4" Thickness, Add	*3.74*
		For 5/16" Thickness, Add	*7.48*
33 01 10 71-0027	LF	>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	68.54
		For 1/4" Thickness, Add	*3.74*
		For 5/16" Thickness, Add	*7.48*
33 01 10 71-0028	LF	>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	58.54
		For 1/4" Thickness, Add	*3.74*
		For 5/16" Thickness, Add	*7.48*
33 01 10 71-0029	LF	>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	47.62
		For 1/4" Thickness, Add	*3.74*
		For 5/16" Thickness, Add	*7.48*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0030	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	80.05	
		For 1/4" Thickness, Add	*4.48*	
		For 5/16" Thickness, Add	*8.96*	
33 01 10 71-0031	LF	>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	72.44	
		For 1/4" Thickness, Add	*4.48*	
		For 5/16" Thickness, Add	*8.96*	
33 01 10 71-0032	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	62.09	
		For 1/4" Thickness, Add	*4.48*	
		For 5/16" Thickness, Add	*8.96*	
33 01 10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	51.74	
		For 1/4" Thickness, Add	*4.48*	
		For 5/16" Thickness, Add	*8.96*	
33 01 10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	85.06	
		For 1/4" Thickness, Add	*5.23*	
		For 5/16" Thickness, Add	*10.46*	
33 01 10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	77.18	
		For 1/4" Thickness, Add	*5.23*	
		For 5/16" Thickness, Add	*10.46*	
33 01 10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	66.33	
		For 1/4" Thickness, Add	*5.23*	
		For 5/16" Thickness, Add	*10.46*	
33 01 10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	56.65	
		For 1/4" Thickness, Add	*5.23*	
		For 5/16" Thickness, Add	*10.46*	
33 01 10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	90.15	
		For 1/4" Thickness, Add	*5.98*	
		For 5/16" Thickness, Add	*11.96*	
33 01 10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	81.95	
		For 1/4" Thickness, Add	*5.98*	
		For 5/16" Thickness, Add	*11.96*	
33 01 10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	70.77	
		For 1/4" Thickness, Add	*5.98*	
		For 5/16" Thickness, Add	*11.96*	
33 01 10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	61.74	
		For 1/4" Thickness, Add	*5.98*	
		For 5/16" Thickness, Add	*11.96*	
33 01 10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	97.40	
		For 1/4" Thickness, Add	*7.47*	
		For 5/16" Thickness, Add	*14.95*	
33 01 10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	88.72	
		For 1/4" Thickness, Add	*7.47*	
		For 5/16" Thickness, Add	*14.95*	
33 01 10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	76.87	
		For 1/4" Thickness, Add	*7.47*	
		For 5/16" Thickness, Add	*14.95*	
33 01 10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	67.75	
		For 1/4" Thickness, Add	*7.47*	
		For 5/16" Thickness, Add	*14.95*	
33 01 10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	104.54	
		For 1/4" Thickness, Add	*8.97*	
		For 5/16" Thickness, Add	*17.94*	
33 01 10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	95.49	
		For 1/4" Thickness, Add	*8.97*	
		For 5/16" Thickness, Add	*17.94*	
33 01 10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	82.97	
		For 1/4" Thickness, Add	*8.97*	
		For 5/16" Thickness, Add	*17.94*	
33 01 10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	73.76	
		For 1/4" Thickness, Add	*8.97*	
		For 5/16" Thickness, Add	*17.94*	
33 01 10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	131.93	
		For 3/8" Thickness, Add	*23.54*	
		For 7/16" Thickness, Add	*35.31*	
33 01 10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	122.07	
		For 3/8" Thickness, Add	*23.54*	
		For 7/16" Thickness, Add	*35.31*	
33 01 10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	108.46	
		For 3/8" Thickness, Add	*23.54*	
		For 7/16" Thickness, Add	*35.31*	
33 01 10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	98.96	
		For 3/8" Thickness, Add	*23.54*	
		For 7/16" Thickness, Add	*35.31*	
33 01 10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	145.78	
		For 3/8" Thickness, Add	*26.90*	
		For 7/16" Thickness, Add	*40.35*	
33 01 10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	135.22	
		For 3/8" Thickness, Add	*26.90*	
		For 7/16" Thickness, Add	*40.35*	
33 01 10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	120.60	
		For 3/8" Thickness, Add	*26.90*	
		For 7/16" Thickness, Add	*40.35*	
33 01 10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	110.90	
		For 3/8" Thickness, Add	*26.90*	
		For 7/16" Thickness, Add	*40.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	154.21	
		For 3/8" Thickness, Add	*30.26*	
		For 7/16" Thickness, Add	*45.39*	
33 01 10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	143.43	
		For 3/8" Thickness, Add	*30.26*	
		For 7/16" Thickness, Add	*45.39*	
33 01 10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	128.46	
		For 3/8" Thickness, Add	*30.26*	
		For 7/16" Thickness, Add	*45.39*	
33 01 10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	119.15	
		For 3/8" Thickness, Add	*30.26*	
		For 7/16" Thickness, Add	*45.39*	
33 01 10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	162.67	
		For 3/8" Thickness, Add	*33.64*	
		For 7/16" Thickness, Add	*50.45*	
33 01 10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	151.69	
		For 3/8" Thickness, Add	*33.64*	
		For 7/16" Thickness, Add	*50.45*	
33 01 10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	136.45	
		For 3/8" Thickness, Add	*33.64*	
		For 7/16" Thickness, Add	*50.45*	
33 01 10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	127.42	
		For 3/8" Thickness, Add	*33.64*	
		For 7/16" Thickness, Add	*50.45*	
33 01 10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	171.39	
		For 3/8" Thickness, Add	*37.00*	
		For 7/16" Thickness, Add	*55.49*	
33 01 10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	160.18	
		For 3/8" Thickness, Add	*37.00*	
		For 7/16" Thickness, Add	*55.49*	
33 01 10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	144.69	
		For 3/8" Thickness, Add	*37.00*	
		For 7/16" Thickness, Add	*55.49*	
33 01 10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	136.33	
		For 3/8" Thickness, Add	*37.00*	
		For 7/16" Thickness, Add	*55.49*	
33 01 10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	180.48	
		For 3/8" Thickness, Add	*40.36*	
		For 7/16" Thickness, Add	*60.53*	
33 01 10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	169.08	
		For 3/8" Thickness, Add	*40.36*	
		For 7/16" Thickness, Add	*60.53*	
33 01 10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	153.21	
		For 3/8" Thickness, Add	*40.36*	
		For 7/16" Thickness, Add	*60.53*	
33 01 10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	145.33	
		For 3/8" Thickness, Add	*40.36*	
		For 7/16" Thickness, Add	*60.53*	

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	886.02	
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,772.03	
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,658.05	
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	443.01	
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	886.02	

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.25	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.79*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.34*	
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.99	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-1.05*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase	3.75	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.38*	
		For >1,000 To 5,000, Deduct	*-0.94*	
		For >5,000, Deduct	*-1.31*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.56*	
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase	4.99	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 5,000, Deduct	*-1.25*	
		For >5,000, Deduct	*-1.75*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.75*	
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase	7.02	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.46*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.05*	
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	9.36	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 5,000, Deduct	*-2.34*	
		For >5,000, Deduct	*-3.28*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.40*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	13.22	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000 To 5,000, Deduct	*-3.31*	
		For >5,000, Deduct	*-4.63*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.98*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	18.72	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000 To 5,000, Deduct	*-4.68*	
		For >5,000, Deduct	*-6.55*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-2.81*	
33 01 30 11-0017		Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*		
33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.33	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.33*	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.17*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.43	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000 To 5,000, Deduct	*-1.11*	
		For >5,000, Deduct	*-1.55*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-1.94*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	7.39	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000 To 5,000, Deduct	*-1.85*	
		For >5,000, Deduct	*-2.59*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	10.38	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000 To 5,000, Deduct	*-2.60*	
		For >5,000, Deduct	*-3.63*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	13.85	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000 To 5,000, Deduct	*-3.46*	
		For >5,000, Deduct	*-4.85*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	19.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000 To 5,000, Deduct	*-4.89*	
		For >5,000, Deduct	*-6.84*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	27.69	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.77*	
		For >1,000 To 5,000, Deduct	*-6.92*	
		For >5,000, Deduct	*-9.69*	
33 01 30 11-0026		Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	2.38	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-0.83*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.16	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-1.11*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.96	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 5,000, Deduct	*-0.99*	
		For >5,000, Deduct	*-1.39*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.27	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-1.84*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	7.41	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000 To 5,000, Deduct	*-1.85*	
		For >5,000, Deduct	*-2.59*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	9.89	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 5,000, Deduct	*-2.47*	
		For >5,000, Deduct	*-3.46*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	13.96	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000 To 5,000, Deduct	*-3.49*	
		For >5,000, Deduct	*-4.89*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	19.78	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000 To 5,000, Deduct	*-4.95*	
		For >5,000, Deduct	*-6.92*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 41-0002)*

33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Jet Cleaning	2,575.60
33 01 30 41-0005	EA	Move And Reset Up At Different Access/Location For Jet Cleaning	643.90

33 01 30 41-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0007	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.46	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 2,000, Deduct	*-0.52*	
		For >2,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.87*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.60*	
33 01 30 41-0008	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.98	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 2,000, Deduct	*-0.60*	
		For >2,000 To 5,000, Deduct	*-0.80*	
		For >5,000, Deduct	*-1.00*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.99*	
33 01 30 41-0009	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.66	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000 To 2,000, Deduct	*-0.70*	
		For >2,000 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.17*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.50*	
33 01 30 41-0010	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.77	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000 To 2,000, Deduct	*-0.87*	
		For >2,000 To 5,000, Deduct	*-1.15*	
		For >5,000, Deduct	*-1.44*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0011	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.55	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000 To 2,000, Deduct	*-0.98*	
		For >2,000 To 5,000, Deduct	*-1.31*	
		For >5,000, Deduct	*-1.64*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.91*	
33 01 30 41-0012	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.55	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 2,000, Deduct	*-1.13*	
		For >2,000 To 5,000, Deduct	*-1.51*	
		For >5,000, Deduct	*-1.89*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.66*	
33 01 30 41-0013	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	9.09	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000 To 2,000, Deduct	*-1.36*	
		For >2,000 To 5,000, Deduct	*-1.82*	
		For >5,000, Deduct	*-2.27*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.82*	
33 01 30 41-0014	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	10.32	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-1.55*	
		For >2,000 To 5,000, Deduct	*-2.06*	
		For >5,000, Deduct	*-2.58*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.74*	
33 01 30 41-0015	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	12.19	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 2,000, Deduct	*-1.83*	
		For >2,000 To 5,000, Deduct	*-2.44*	
		For >5,000, Deduct	*-3.05*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.14*	
33 01 30 41-0016	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	15.33	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000 To 5,000, Deduct	*-3.07*	
		For >5,000, Deduct	*-3.83*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*11.50*	
33 01 30 41-0017	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	17.89	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000 To 2,000, Deduct	*-2.68*	
		For >2,000 To 5,000, Deduct	*-3.58*	
		For >5,000, Deduct	*-4.47*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*13.42*	

33 01 30 41-0018 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0019	LF	12" To 16" Diameter Pipe Line Flushing	1.34	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.20*	
		For >2,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.34*	
33 01 30 41-0020	LF	>16" To 24" Diameter Pipe Line Flushing	1.53	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.23*	
		For >2,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.38*	
33 01 30 41-0021	LF	>24" To 30" Diameter Pipe Line Flushing	1.80	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000 To 2,000, Deduct	*-0.27*	
		For >2,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.45*	
33 01 30 41-0022	LF	>30" To 42" Diameter Pipe Line Flushing	2.07	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000 To 2,000, Deduct	*-0.31*	
		For >2,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.52*	
33 01 30 41-0023	LF	>42" To 60" Diameter Pipe Line Flushing	2.75	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000 To 2,000, Deduct	*-0.41*	
		For >2,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.69*	

33 01 30 41-0024 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0025	LF	Jet Cleaning Of Culvert, 0-250 LF	16.02	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000 To 5,000, Deduct	*-3.20*	
		For >5,000, Deduct	*-4.01*	

33 01 30 41-0026 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0027	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	1,154.23	
33 01 30 41-0028	EA	Move And Reset Up At Different Access/Location	384.74	
33 01 30 41-0029	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	6.69	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000 To 2,000, Deduct	*-0.96*	
		For >2,000 To 5,000, Deduct	*-1.28*	
		For >5,000, Deduct	*-1.60*	
33 01 30 41-0030	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	8.80	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-2.06*	
33 01 30 41-0031	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	10.31	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 2,000, Deduct	*-1.44*	
		For >2,000 To 5,000, Deduct	*-1.92*	
		For >5,000, Deduct	*-2.40*	
33 01 30 41-0032	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	11.94	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 2,000, Deduct	*-1.67*	
		For >2,000 To 5,000, Deduct	*-2.22*	
		For >5,000, Deduct	*-2.78*	
33 01 30 41-0033	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	13.01	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-1.80*	
		For >2,000 To 5,000, Deduct	*-2.41*	
		For >5,000, Deduct	*-3.01*	
33 01 30 41-0034	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	15.00	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000 To 2,000, Deduct	*-2.06*	
		For >2,000 To 5,000, Deduct	*-2.75*	
		For >5,000, Deduct	*-3.44*	
33 01 30 41-0035	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	18.92	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.70*	
		For >1,000 To 2,000, Deduct	*-2.55*	
		For >2,000 To 5,000, Deduct	*-3.39*	
		For >5,000, Deduct	*-4.24*	
33 01 30 41-0036	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	21.71	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000 To 2,000, Deduct	*-2.84*	
		For >2,000 To 5,000, Deduct	*-3.78*	
		For >5,000, Deduct	*-4.73*	
33 01 30 41-0037	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	25.26	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000 To 2,000, Deduct	*-3.27*	
		For >2,000 To 5,000, Deduct	*-4.36*	
		For >5,000, Deduct	*-5.45*	
33 01 30 41-0038	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	33.03	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000 To 2,000, Deduct	*-4.33*	
		For >2,000 To 5,000, Deduct	*-5.77*	
		For >5,000, Deduct	*-7.21*	
33 01 30 41-0039	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	37.63	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000 To 2,000, Deduct	*-4.81*	
		For >2,000 To 5,000, Deduct	*-6.41*	
		For >5,000, Deduct	*-8.02*	

33 01 30 41-0040 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0041	EA	Initial Set Up And Final Equipment Removal For Auguring	1,154.23	
33 01 30 41-0042	EA	Move And Reset Up At Different Location	384.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0043	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	3.85	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000 To 2,000, Deduct	*-0.58*	
		For >2,000 To 5,000, Deduct	*-0.77*	
		For >5,000, Deduct	*-0.96*	
33 01 30 41-0044	LF	6" Diameter Pipe Line Auguring/Rod Out	4.98	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.25*	
33 01 30 41-0045	LF	8" Diameter Pipe Line Auguring/Rod Out	5.77	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000 To 2,000, Deduct	*-0.87*	
		For >2,000 To 5,000, Deduct	*-1.15*	
		For >5,000, Deduct	*-1.44*	
33 01 30 41-0046	LF	10" Diameter Pipe Line Auguring/Rod Out	6.72	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.01*	
		For >2,000 To 5,000, Deduct	*-1.34*	
		For >5,000, Deduct	*-1.68*	
33 01 30 41-0047	LF	12" Diameter Pipe Line Auguring/Rod Out	7.21	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.08*	
		For >2,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-1.80*	
33 01 30 41-0048	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	8.24	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-2.06*	
33 01 30 41-0049	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	10.13	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.52*	
		For >2,000 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-2.53*	
33 01 30 41-0050	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	11.32	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000 To 2,000, Deduct	*-1.70*	
		For >2,000 To 5,000, Deduct	*-2.26*	
		For >5,000, Deduct	*-2.83*	
33 01 30 41-0051	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	13.12	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000 To 2,000, Deduct	*-1.97*	
		For >2,000 To 5,000, Deduct	*-2.62*	
		For >5,000, Deduct	*-3.28*	
33 01 30 41-0052	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	18.04	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000 To 2,000, Deduct	*-2.71*	
		For >2,000 To 5,000, Deduct	*-3.61*	
		For >5,000, Deduct	*-4.51*	
33 01 30 41-0053	LF	>60" Diameter Pipe Line Auguring/Rod Out	19.24	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000 To 5,000, Deduct	*-3.85*	
		For >5,000, Deduct	*-4.81*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Waste Water Drain	47.51
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	95.02
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	19.01
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	20.91
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	23.76
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	27.56
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	32.31
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	38.01
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	44.66
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	51.31
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	59.87
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	71.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	237.56	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	825.50	
		For >10 To 100, Deduct	*-123.83*	
		For >100 To 250, Deduct	*-185.74*	
		For >250, Deduct	*-247.65*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	990.60	
		For >10 To 100, Deduct	*-148.59*	
		For >100 To 250, Deduct	*-222.89*	
		For >250, Deduct	*-297.18*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	495.30	
		For >10 To 100, Deduct	*-74.30*	
		For >100 To 250, Deduct	*-111.44*	
		For >250, Deduct	*-148.59*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	288.45	
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	267.80	
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	247.17	
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	226.53	
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	205.88	
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	185.25	

33 01 30 51 Maintenance of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	124.40	
		For Stainless Steel Nuts And Bolts, Add	*20.64*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	177.25	
		For Stainless Steel Nuts And Bolts, Add	*31.10*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	204.97	
		For Stainless Steel Nuts And Bolts, Add	*36.63*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	233.63	
		For Stainless Steel Nuts And Bolts, Add	*42.14*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	134.23	
		For Stainless Steel Nuts And Bolts, Add	*22.41*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	188.44	
		For Stainless Steel Nuts And Bolts, Add	*33.19*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	216.11	
		For Stainless Steel Nuts And Bolts, Add	*38.59*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	249.89	
		For Stainless Steel Nuts And Bolts, Add	*45.15*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	144.44	
		For Stainless Steel Nuts And Bolts, Add	*24.52*	
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	196.05	
		For Stainless Steel Nuts And Bolts, Add	*34.70*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	226.80	
		For Stainless Steel Nuts And Bolts, Add	*40.68*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	264.64	
		For Stainless Steel Nuts And Bolts, Add	*48.30*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	162.81	
		For Stainless Steel Nuts And Bolts, Add	*27.88*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	215.22	
		For Stainless Steel Nuts And Bolts, Add	*37.53*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	261.04	
		For Stainless Steel Nuts And Bolts, Add	*45.68*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	314.50	
		For Stainless Steel Nuts And Bolts, Add	*55.11*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	411.71	
		For Stainless Steel Nuts And Bolts, Add	*74.02*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	512.41	
		For Stainless Steel Nuts And Bolts, Add	*92.93*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	625.30	
		For Stainless Steel Nuts And Bolts, Add	*113.99*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	191.42	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	254.51	
		For Stainless Steel Nuts And Bolts, Add	*44.63*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	301.38	
		For Stainless Steel Nuts And Bolts, Add	*52.62*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	352.96	
		For Stainless Steel Nuts And Bolts, Add	*61.15*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	489.77	
		For Stainless Steel Nuts And Bolts, Add	*88.61*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	595.60	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	711.39	
		For Stainless Steel Nuts And Bolts, Add	*129.12*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	248.54	
		For Stainless Steel Nuts And Bolts, Add	*39.36*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	323.20	
		For Stainless Steel Nuts And Bolts, Add	*52.08*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	390.14	
		For Stainless Steel Nuts And Bolts, Add	*63.02*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	465.87	
		For Stainless Steel Nuts And Bolts, Add	*75.10*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	619.76	
		For Stainless Steel Nuts And Bolts, Add	*104.04*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	741.24	
		For Stainless Steel Nuts And Bolts, Add	*124.41*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	877.61	
		For Stainless Steel Nuts And Bolts, Add	*146.43*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	291.50	
		For Stainless Steel Nuts And Bolts, Add	*47.90*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	392.11	
		For Stainless Steel Nuts And Bolts, Add	*66.26*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	461.67	
		For Stainless Steel Nuts And Bolts, Add	*77.47*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	566.61	
		For Stainless Steel Nuts And Bolts, Add	*95.82*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	745.08	
		For Stainless Steel Nuts And Bolts, Add	*129.97*	
33 01 30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	847.38	
		For Stainless Steel Nuts And Bolts, Add	*145.27*	
33 01 30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,091.63	
		For Stainless Steel Nuts And Bolts, Add	*191.65*	
33 01 30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	331.68	
		For Stainless Steel Nuts And Bolts, Add	*54.03*	
33 01 30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	433.40	
		For Stainless Steel Nuts And Bolts, Add	*71.86*	
33 01 30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	523.22	
		For Stainless Steel Nuts And Bolts, Add	*86.96*	
33 01 30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	643.98	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	829.56	
		For Stainless Steel Nuts And Bolts, Add	*142.72*	
33 01 30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	975.27	
		For Stainless Steel Nuts And Bolts, Add	*166.67*	
33 01 30 51-0049	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,240.53	
		For Stainless Steel Nuts And Bolts, Add	*216.11*	

33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0051	EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	743.05	
		For Stainless Steel Nuts And Bolts, Add	*207.89*	
33 01 30 51-0052	EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,054.26	
		For Stainless Steel Nuts And Bolts, Add	*300.12*	
33 01 30 51-0053	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,420.09	
		For Stainless Steel Nuts And Bolts, Add	*407.00*	
33 01 30 51-0054	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,094.02	
		For Stainless Steel Nuts And Bolts, Add	*613.43*	
33 01 30 51-0055	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	779.91	
		For Stainless Steel Nuts And Bolts, Add	*218.12*	
33 01 30 51-0056	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,103.60	
		For Stainless Steel Nuts And Bolts, Add	*314.03*	
33 01 30 51-0057	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,482.88	
		For Stainless Steel Nuts And Bolts, Add	*424.56*	
33 01 30 51-0058	EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,195.09	
		For Stainless Steel Nuts And Bolts, Add	*642.70*	
33 01 30 51-0059	EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	799.63	
		For Stainless Steel Nuts And Bolts, Add	*222.53*	
33 01 30 51-0060	EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,129.55	
		For Stainless Steel Nuts And Bolts, Add	*319.90*	
33 01 30 51-0061	EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,521.53	
		For Stainless Steel Nuts And Bolts, Add	*434.08*	
33 01 30 51-0062	EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,250.49	
		For Stainless Steel Nuts And Bolts, Add	*656.60*	
33 01 30 51-0063	EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	820.29	
		For Stainless Steel Nuts And Bolts, Add	*226.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0064	EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,159.09	
		For Stainless Steel Nuts And Bolts, Add	*326.48*	
33 01 30 51-0065	EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,558.74	
		For Stainless Steel Nuts And Bolts, Add	*442.13*	
33 01 30 51-0066	EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,305.71	
		For Stainless Steel Nuts And Bolts, Add	*669.79*	
33 01 30 51-0067	EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	838.83	
		For Stainless Steel Nuts And Bolts, Add	*230.58*	
33 01 30 51-0068	EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,184.30	
		For Stainless Steel Nuts And Bolts, Add	*331.60*	
33 01 30 51-0069	EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,595.96	
		For Stainless Steel Nuts And Bolts, Add	*450.18*	
33 01 30 51-0070	EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,355.45	
		For Stainless Steel Nuts And Bolts, Add	*680.76*	
33 01 30 51-0071	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	856.37	
		For Stainless Steel Nuts And Bolts, Add	*234.25*	
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,210.23	
		For Stainless Steel Nuts And Bolts, Add	*337.45*	
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,629.13	
		For Stainless Steel Nuts And Bolts, Add	*457.50*	
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,387.03	
		For Stainless Steel Nuts And Bolts, Add	*686.25*	
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	876.55	
		For Stainless Steel Nuts And Bolts, Add	*238.81*	
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,240.95	
		For Stainless Steel Nuts And Bolts, Add	*344.77*	
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,664.39	
		For Stainless Steel Nuts And Bolts, Add	*465.55*	
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,458.63	
		For Stainless Steel Nuts And Bolts, Add	*705.65*	

33 01 30 51-0079 Polyseal Pipe Coupler *(33 01 30 51-0001)*

33 01 30 51-0080	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	307.56
33 01 30 51-0081	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	347.13

33 01 30 71 Relining Sewer Utilities Pipelines *(33 01 30)*

33 01 30 71-0001 Relining Underground Pipelines *(33 01 30 71)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 71-0002 Lining Pipe, Spray Applied With Structural Polyurethane *(33 01 30 71-0001)*

Note: Two part structural polyurethane.

33 01 30 71-0003 Mobilization And Setup For Spray Applied Structural Polyurethane Lining *(33 01 30 71-0002)*

33 01 30 71-0004	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining	1,728.76

33 01 30 71-0005 Lining Pipe, Spray Applied With 100 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0006	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	55.08	
		For Up To 75, Add	*11.95*	
		For >75 To 150, Add	*5.51*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000 To 2,000, Deduct	*-2.86*	
		For >2,000 To 5,000, Deduct	*-4.42*	
		For >5,000, Deduct	*-6.44*	
33 01 30 71-0007	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	64.25	
		For Up To 75, Add	*13.94*	
		For >75 To 150, Add	*6.43*	
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000 To 2,000, Deduct	*-3.33*	
		For >2,000 To 5,000, Deduct	*-5.16*	
		For >5,000, Deduct	*-7.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0008	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	73.44	
		For Up To 75, Add	*15.93*	
		For >75 To 150, Add	*7.34*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000 To 2,000, Deduct	*-3.81*	
		For >2,000 To 5,000, Deduct	*-5.90*	
		For >5,000, Deduct	*-8.59*	
33 01 30 71-0009	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	82.61	
		For Up To 75, Add	*17.92*	
		For >75 To 150, Add	*8.26*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000 To 2,000, Deduct	*-4.28*	
		For >2,000 To 5,000, Deduct	*-6.63*	
		For >5,000, Deduct	*-9.66*	
33 01 30 71-0010	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	91.79	
		For Up To 75, Add	*19.91*	
		For >75 To 150, Add	*9.18*	
		For >500 To 1,000, Deduct	*-2.46*	
		For >1,000 To 2,000, Deduct	*-4.76*	
		For >2,000 To 5,000, Deduct	*-7.37*	
		For >5,000, Deduct	*-10.73*	
33 01 30 71-0011	LF	66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	100.97	
		For Up To 75, Add	*21.90*	
		For >75 To 150, Add	*10.10*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000 To 2,000, Deduct	*-5.24*	
		For >2,000 To 5,000, Deduct	*-8.11*	
		For >5,000, Deduct	*-11.81*	
33 01 30 71-0012	LF	72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	110.16	
		For Up To 75, Add	*23.90*	
		For >75 To 150, Add	*11.02*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000 To 2,000, Deduct	*-5.71*	
		For >2,000 To 5,000, Deduct	*-8.85*	
		For >5,000, Deduct	*-12.88*	
33 01 30 71-0013	LF	78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	119.33	
		For Up To 75, Add	*25.89*	
		For >75 To 150, Add	*11.93*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000 To 2,000, Deduct	*-6.19*	
		For >2,000 To 5,000, Deduct	*-9.58*	
		For >5,000, Deduct	*-13.95*	
33 01 30 71-0014	LF	84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	128.51	
		For Up To 75, Add	*27.88*	
		For >75 To 150, Add	*12.85*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000 To 2,000, Deduct	*-6.66*	
		For >2,000 To 5,000, Deduct	*-10.32*	
		For >5,000, Deduct	*-15.03*	
33 01 30 71-0015	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	137.69	
		For Up To 75, Add	*29.87*	
		For >75 To 150, Add	*13.77*	
		For >500 To 1,000, Deduct	*-3.69*	
		For >1,000 To 2,000, Deduct	*-7.14*	
		For >2,000 To 5,000, Deduct	*-11.06*	
		For >5,000, Deduct	*-16.10*	
33 01 30 71-0016	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	146.87	
		For Up To 75, Add	*31.86*	
		For >75 To 150, Add	*14.69*	
		For >500 To 1,000, Deduct	*-3.93*	
		For >1,000 To 2,000, Deduct	*-7.62*	
		For >2,000 To 5,000, Deduct	*-11.80*	
		For >5,000, Deduct	*-17.17*	
33 01 30 71-0017	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	156.05	
		For Up To 75, Add	*33.85*	
		For >75 To 150, Add	*15.61*	
		For >500 To 1,000, Deduct	*-4.18*	
		For >1,000 To 2,000, Deduct	*-8.09*	
		For >2,000 To 5,000, Deduct	*-12.53*	
		For >5,000, Deduct	*-18.25*	
33 01 30 71-0018	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	165.23	
		For Up To 75, Add	*35.84*	
		For >75 To 150, Add	*16.52*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000 To 2,000, Deduct	*-8.57*	
		For >2,000 To 5,000, Deduct	*-13.27*	
		For >5,000, Deduct	*-19.32*	
33 01 30 71-0019	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	174.41	
		For Up To 75, Add	*37.83*	
		For >75 To 150, Add	*17.44*	
		For >500 To 1,000, Deduct	*-4.67*	
		For >1,000 To 2,000, Deduct	*-9.04*	
		For >2,000 To 5,000, Deduct	*-14.01*	
		For >5,000, Deduct	*-20.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0020	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	183.59	
		For Up To 75, Add	*39.83*	
		For >75 To 150, Add	*18.36*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000 To 2,000, Deduct	*-9.52*	
		For >2,000 To 5,000, Deduct	*-14.75*	
		For >5,000, Deduct	*-21.47*	
33 01 30 71-0021	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	5.85	

33 01 30 71-0022 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0023	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	74.31	
		For Up To 75, Add	*15.84*	
		For >75 To 150, Add	*7.43*	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000 To 2,000, Deduct	*-3.66*	
		For >2,000 To 5,000, Deduct	*-5.64*	
		For >5,000, Deduct	*-8.41*	
33 01 30 71-0024	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	86.69	
		For Up To 75, Add	*18.48*	
		For >75 To 150, Add	*8.67*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000 To 2,000, Deduct	*-4.27*	
		For >2,000 To 5,000, Deduct	*-6.58*	
		For >5,000, Deduct	*-9.81*	
33 01 30 71-0025	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	99.08	
		For Up To 75, Add	*21.13*	
		For >75 To 150, Add	*9.91*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000 To 2,000, Deduct	*-4.88*	
		For >2,000 To 5,000, Deduct	*-7.52*	
		For >5,000, Deduct	*-11.22*	
33 01 30 71-0026	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	111.45	
		For Up To 75, Add	*23.76*	
		For >75 To 150, Add	*11.15*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000 To 2,000, Deduct	*-5.49*	
		For >2,000 To 5,000, Deduct	*-8.45*	
		For >5,000, Deduct	*-12.62*	
33 01 30 71-0027	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	123.85	
		For Up To 75, Add	*26.41*	
		For >75 To 150, Add	*12.39*	
		For >500 To 1,000, Deduct	*-3.13*	
		For >1,000 To 2,000, Deduct	*-6.10*	
		For >2,000 To 5,000, Deduct	*-9.39*	
		For >5,000, Deduct	*-14.02*	
33 01 30 71-0028	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	136.22	
		For Up To 75, Add	*29.04*	
		For >75 To 150, Add	*13.62*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000 To 2,000, Deduct	*-6.71*	
		For >2,000 To 5,000, Deduct	*-10.33*	
		For >5,000, Deduct	*-15.42*	
33 01 30 71-0029	LF	72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	148.61	
		For Up To 75, Add	*31.69*	
		For >75 To 150, Add	*14.86*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000 To 2,000, Deduct	*-7.32*	
		For >2,000 To 5,000, Deduct	*-11.27*	
		For >5,000, Deduct	*-16.82*	
33 01 30 71-0030	LF	78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	160.99	
		For Up To 75, Add	*34.32*	
		For >75 To 150, Add	*16.10*	
		For >500 To 1,000, Deduct	*-4.07*	
		For >1,000 To 2,000, Deduct	*-7.93*	
		For >2,000 To 5,000, Deduct	*-12.21*	
		For >5,000, Deduct	*-18.23*	
33 01 30 71-0031	LF	84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	173.38	
		For Up To 75, Add	*36.97*	
		For >75 To 150, Add	*17.34*	
		For >500 To 1,000, Deduct	*-4.38*	
		For >1,000 To 2,000, Deduct	*-8.54*	
		For >2,000 To 5,000, Deduct	*-13.15*	
		For >5,000, Deduct	*-19.63*	
33 01 30 71-0032	LF	90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	185.76	
		For Up To 75, Add	*39.61*	
		For >75 To 150, Add	*18.58*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000 To 2,000, Deduct	*-9.15*	
		For >2,000 To 5,000, Deduct	*-14.09*	
		For >5,000, Deduct	*-21.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0033	LF	96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	198.14	
		For Up To 75, Add	*42.25*	
		For >75 To 150, Add	*19.81*	
		For >500 To 1,000, Deduct	*-5.01*	
		For >1,000 To 2,000, Deduct	*-9.76*	
		For >2,000 To 5,000, Deduct	*-15.03*	
		For >5,000, Deduct	*-22.43*	
33 01 30 71-0034	LF	102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	210.54	
		For Up To 75, Add	*44.89*	
		For >75 To 150, Add	*21.05*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000 To 2,000, Deduct	*-10.37*	
		For >2,000 To 5,000, Deduct	*-15.97*	
		For >5,000, Deduct	*-23.84*	
33 01 30 71-0035	LF	108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	222.92	
		For Up To 75, Add	*47.53*	
		For >75 To 150, Add	*22.29*	
		For >500 To 1,000, Deduct	*-5.64*	
		For >1,000 To 2,000, Deduct	*-10.98*	
		For >2,000 To 5,000, Deduct	*-16.91*	
		For >5,000, Deduct	*-25.24*	
33 01 30 71-0036	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	235.30	
		For Up To 75, Add	*50.17*	
		For >75 To 150, Add	*23.53*	
		For >500 To 1,000, Deduct	*-5.95*	
		For >1,000 To 2,000, Deduct	*-11.59*	
		For >2,000 To 5,000, Deduct	*-17.85*	
		For >5,000, Deduct	*-26.64*	
33 01 30 71-0037	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	247.68	
		For Up To 75, Add	*52.81*	
		For >75 To 150, Add	*24.77*	
		For >500 To 1,000, Deduct	*-6.26*	
		For >1,000 To 2,000, Deduct	*-12.20*	
		For >2,000 To 5,000, Deduct	*-18.79*	
		For >5,000, Deduct	*-28.04*	
33 01 30 71-0038	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	7.88	

33 01 30 71-0039 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0040	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	93.52	
		For Up To 75, Add	*19.74*	
		For >75 To 150, Add	*9.35*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000 To 2,000, Deduct	*-4.46*	
		For >2,000 To 5,000, Deduct	*-6.85*	
		For >5,000, Deduct	*-10.39*	
33 01 30 71-0041	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	109.10	
		For Up To 75, Add	*23.03*	
		For >75 To 150, Add	*10.91*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000 To 2,000, Deduct	*-5.21*	
		For >2,000 To 5,000, Deduct	*-7.99*	
		For >5,000, Deduct	*-12.12*	
33 01 30 71-0042	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	124.69	
		For Up To 75, Add	*26.32*	
		For >75 To 150, Add	*12.47*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000 To 2,000, Deduct	*-5.95*	
		For >2,000 To 5,000, Deduct	*-9.13*	
		For >5,000, Deduct	*-13.85*	
33 01 30 71-0043	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	140.28	
		For Up To 75, Add	*29.61*	
		For >75 To 150, Add	*14.03*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000 To 2,000, Deduct	*-6.70*	
		For >2,000 To 5,000, Deduct	*-10.28*	
		For >5,000, Deduct	*-15.58*	
33 01 30 71-0044	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	155.86	
		For Up To 75, Add	*32.89*	
		For >75 To 150, Add	*15.59*	
		For >500 To 1,000, Deduct	*-3.81*	
		For >1,000 To 2,000, Deduct	*-7.44*	
		For >2,000 To 5,000, Deduct	*-11.42*	
		For >5,000, Deduct	*-17.31*	
33 01 30 71-0045	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	171.45	
		For Up To 75, Add	*36.18*	
		For >75 To 150, Add	*17.15*	
		For >500 To 1,000, Deduct	*-4.19*	
		For >1,000 To 2,000, Deduct	*-8.18*	
		For >2,000 To 5,000, Deduct	*-12.56*	
		For >5,000, Deduct	*-19.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0046	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	187.04	
		For Up To 75, Add	*39.47*	
		For >75 To 150, Add	*18.70*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000 To 2,000, Deduct	*-8.93*	
		For >2,000 To 5,000, Deduct	*-13.70*	
		For >5,000, Deduct	*-20.77*	
33 01 30 71-0047	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	202.61	
		For Up To 75, Add	*42.76*	
		For >75 To 150, Add	*20.26*	
		For >500 To 1,000, Deduct	*-4.95*	
		For >1,000 To 2,000, Deduct	*-9.67*	
		For >2,000 To 5,000, Deduct	*-14.84*	
		For >5,000, Deduct	*-22.50*	
33 01 30 71-0048	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	218.22	
		For Up To 75, Add	*46.06*	
		For >75 To 150, Add	*21.82*	
		For >500 To 1,000, Deduct	*-5.33*	
		For >1,000 To 2,000, Deduct	*-10.42*	
		For >2,000 To 5,000, Deduct	*-15.99*	
		For >5,000, Deduct	*-24.23*	
33 01 30 71-0049	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	233.80	
		For Up To 75, Add	*49.34*	
		For >75 To 150, Add	*23.38*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000 To 2,000, Deduct	*-11.16*	
		For >2,000 To 5,000, Deduct	*-17.13*	
		For >5,000, Deduct	*-25.96*	
33 01 30 71-0050	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	249.38	
		For Up To 75, Add	*52.63*	
		For >75 To 150, Add	*24.94*	
		For >500 To 1,000, Deduct	*-6.09*	
		For >1,000 To 2,000, Deduct	*-11.90*	
		For >2,000 To 5,000, Deduct	*-18.27*	
		For >5,000, Deduct	*-27.69*	
33 01 30 71-0051	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	264.97	
		For Up To 75, Add	*55.92*	
		For >75 To 150, Add	*26.50*	
		For >500 To 1,000, Deduct	*-6.47*	
		For >1,000 To 2,000, Deduct	*-12.65*	
		For >2,000 To 5,000, Deduct	*-19.41*	
		For >5,000, Deduct	*-29.42*	
33 01 30 71-0052	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	280.56	
		For Up To 75, Add	*59.21*	
		For >75 To 150, Add	*28.06*	
		For >500 To 1,000, Deduct	*-6.85*	
		For >1,000 To 2,000, Deduct	*-13.39*	
		For >2,000 To 5,000, Deduct	*-20.55*	
		For >5,000, Deduct	*-31.16*	
33 01 30 71-0053	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	296.14	
		For Up To 75, Add	*62.50*	
		For >75 To 150, Add	*29.61*	
		For >500 To 1,000, Deduct	*-7.23*	
		For >1,000 To 2,000, Deduct	*-14.14*	
		For >2,000 To 5,000, Deduct	*-21.69*	
		For >5,000, Deduct	*-32.89*	
33 01 30 71-0054	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	311.73	
		For Up To 75, Add	*65.79*	
		For >75 To 150, Add	*31.17*	
		For >500 To 1,000, Deduct	*-7.61*	
		For >1,000 To 2,000, Deduct	*-14.88*	
		For >2,000 To 5,000, Deduct	*-22.84*	
		For >5,000, Deduct	*-34.62*	
33 01 30 71-0055	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	9.92	

33 01 30 71-0056 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0057	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	112.81	
		For Up To 75, Add	*23.65*	
		For >75 To 150, Add	*11.28*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000 To 2,000, Deduct	*-5.27*	
		For >2,000 To 5,000, Deduct	*-8.07*	
		For >5,000, Deduct	*-12.37*	
33 01 30 71-0058	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	131.63	
		For Up To 75, Add	*27.60*	
		For >75 To 150, Add	*13.16*	
		For >500 To 1,000, Deduct	*-3.14*	
		For >1,000 To 2,000, Deduct	*-6.15*	
		For >2,000 To 5,000, Deduct	*-9.42*	
		For >5,000, Deduct	*-14.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0059	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	150.43	
		For Up To 75, Add	*31.54*	
		For >75 To 150, Add	*15.04*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000 To 2,000, Deduct	*-7.03*	
		For >2,000 To 5,000, Deduct	*-10.77*	
		For >5,000, Deduct	*-16.49*	
33 01 30 71-0060	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	169.22	
		For Up To 75, Add	*35.48*	
		For >75 To 150, Add	*16.92*	
		For >500 To 1,000, Deduct	*-4.04*	
		For >1,000 To 2,000, Deduct	*-7.91*	
		For >2,000 To 5,000, Deduct	*-12.11*	
		For >5,000, Deduct	*-18.55*	
33 01 30 71-0061	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	188.03	
		For Up To 75, Add	*39.42*	
		For >75 To 150, Add	*18.80*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000 To 2,000, Deduct	*-8.79*	
		For >2,000 To 5,000, Deduct	*-13.46*	
		For >5,000, Deduct	*-20.62*	
33 01 30 71-0062	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	206.84	
		For Up To 75, Add	*43.36*	
		For >75 To 150, Add	*20.68*	
		For >500 To 1,000, Deduct	*-4.93*	
		For >1,000 To 2,000, Deduct	*-9.67*	
		For >2,000 To 5,000, Deduct	*-14.80*	
		For >5,000, Deduct	*-22.68*	
33 01 30 71-0063	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	225.64	
		For Up To 75, Add	*47.30*	
		For >75 To 150, Add	*22.56*	
		For >500 To 1,000, Deduct	*-5.38*	
		For >1,000 To 2,000, Deduct	*-10.55*	
		For >2,000 To 5,000, Deduct	*-16.15*	
		For >5,000, Deduct	*-24.74*	
33 01 30 71-0064	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	244.44	
		For Up To 75, Add	*51.24*	
		For >75 To 150, Add	*24.44*	
		For >500 To 1,000, Deduct	*-5.83*	
		For >1,000 To 2,000, Deduct	*-11.43*	
		For >2,000 To 5,000, Deduct	*-17.49*	
		For >5,000, Deduct	*-26.80*	
33 01 30 71-0065	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	263.24	
		For Up To 75, Add	*55.19*	
		For >75 To 150, Add	*26.32*	
		For >500 To 1,000, Deduct	*-6.28*	
		For >1,000 To 2,000, Deduct	*-12.31*	
		For >2,000 To 5,000, Deduct	*-18.84*	
		For >5,000, Deduct	*-28.86*	
33 01 30 71-0066	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	282.05	
		For Up To 75, Add	*59.13*	
		For >75 To 150, Add	*28.21*	
		For >500 To 1,000, Deduct	*-6.73*	
		For >1,000 To 2,000, Deduct	*-13.19*	
		For >2,000 To 5,000, Deduct	*-20.19*	
		For >5,000, Deduct	*-30.92*	
33 01 30 71-0067	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	300.85	
		For Up To 75, Add	*63.07*	
		For >75 To 150, Add	*30.09*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000 To 2,000, Deduct	*-14.06*	
		For >2,000 To 5,000, Deduct	*-21.53*	
		For >5,000, Deduct	*-32.99*	
33 01 30 71-0068	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	319.65	
		For Up To 75, Add	*67.01*	
		For >75 To 150, Add	*31.97*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000 To 2,000, Deduct	*-14.94*	
		For >2,000 To 5,000, Deduct	*-22.88*	
		For >5,000, Deduct	*-35.05*	
33 01 30 71-0069	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	338.46	
		For Up To 75, Add	*70.95*	
		For >75 To 150, Add	*33.85*	
		For >500 To 1,000, Deduct	*-8.07*	
		For >1,000 To 2,000, Deduct	*-15.82*	
		For >2,000 To 5,000, Deduct	*-24.22*	
		For >5,000, Deduct	*-37.11*	
33 01 30 71-0070	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	357.27	
		For Up To 75, Add	*74.90*	
		For >75 To 150, Add	*35.73*	
		For >500 To 1,000, Deduct	*-8.52*	
		For >1,000 To 2,000, Deduct	*-16.70*	
		For >2,000 To 5,000, Deduct	*-25.57*	
		For >5,000, Deduct	*-39.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0071	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	376.08	
		For Up To 75, Add	*78.84*	
		For >75 To 150, Add	*37.61*	
		For >500 To 1,000, Deduct	*-8.97*	
		For >1,000 To 2,000, Deduct	*-17.58*	
		For >2,000 To 5,000, Deduct	*-26.92*	
		For >5,000, Deduct	*-41.23*	
33 01 30 71-0072	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	11.97	

33 01 30 71-0073 Lining Pipe, Spray Applied With 300 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0074	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	132.25	
		For Up To 75, Add	*27.60*	
		For >75 To 150, Add	*13.23*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000 To 2,000, Deduct	*-6.09*	
		For >2,000 To 5,000, Deduct	*-9.31*	
		For >5,000, Deduct	*-14.37*	
33 01 30 71-0075	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	154.29	
		For Up To 75, Add	*32.19*	
		For >75 To 150, Add	*15.43*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000 To 2,000, Deduct	*-7.11*	
		For >2,000 To 5,000, Deduct	*-10.86*	
		For >5,000, Deduct	*-16.76*	
33 01 30 71-0076	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	176.33	
		For Up To 75, Add	*36.79*	
		For >75 To 150, Add	*17.63*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000 To 2,000, Deduct	*-8.12*	
		For >2,000 To 5,000, Deduct	*-12.41*	
		For >5,000, Deduct	*-19.16*	
33 01 30 71-0077	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	198.37	
		For Up To 75, Add	*41.39*	
		For >75 To 150, Add	*19.84*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000 To 2,000, Deduct	*-9.14*	
		For >2,000 To 5,000, Deduct	*-13.96*	
		For >5,000, Deduct	*-21.55*	
33 01 30 71-0078	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	220.41	
		For Up To 75, Add	*45.99*	
		For >75 To 150, Add	*22.04*	
		For >500 To 1,000, Deduct	*-5.17*	
		For >1,000 To 2,000, Deduct	*-10.15*	
		For >2,000 To 5,000, Deduct	*-15.51*	
		For >5,000, Deduct	*-23.95*	
33 01 30 71-0079	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	242.45	
		For Up To 75, Add	*50.59*	
		For >75 To 150, Add	*24.25*	
		For >500 To 1,000, Deduct	*-5.69*	
		For >1,000 To 2,000, Deduct	*-11.17*	
		For >2,000 To 5,000, Deduct	*-17.07*	
		For >5,000, Deduct	*-26.34*	
33 01 30 71-0080	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	264.48	
		For Up To 75, Add	*55.19*	
		For >75 To 150, Add	*26.45*	
		For >500 To 1,000, Deduct	*-6.21*	
		For >1,000 To 2,000, Deduct	*-12.18*	
		For >2,000 To 5,000, Deduct	*-18.62*	
		For >5,000, Deduct	*-28.74*	
33 01 30 71-0081	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	286.54	
		For Up To 75, Add	*59.79*	
		For >75 To 150, Add	*28.65*	
		For >500 To 1,000, Deduct	*-6.72*	
		For >1,000 To 2,000, Deduct	*-13.20*	
		For >2,000 To 5,000, Deduct	*-20.17*	
		For >5,000, Deduct	*-31.13*	
33 01 30 71-0082	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	308.57	
		For Up To 75, Add	*64.39*	
		For >75 To 150, Add	*30.86*	
		For >500 To 1,000, Deduct	*-7.24*	
		For >1,000 To 2,000, Deduct	*-14.21*	
		For >2,000 To 5,000, Deduct	*-21.72*	
		For >5,000, Deduct	*-33.53*	
33 01 30 71-0083	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	330.62	
		For Up To 75, Add	*68.99*	
		For >75 To 150, Add	*33.06*	
		For >500 To 1,000, Deduct	*-7.76*	
		For >1,000 To 2,000, Deduct	*-15.23*	
		For >2,000 To 5,000, Deduct	*-23.27*	
		For >5,000, Deduct	*-35.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0084	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	352.66	
		For Up To 75, Add	*73.58*	
		For >75 To 150, Add	*35.27*	
		For >500 To 1,000, Deduct	*-8.27*	
		For >1,000 To 2,000, Deduct	*-16.24*	
		For >2,000 To 5,000, Deduct	*-24.82*	
		For >5,000, Deduct	*-38.32*	
33 01 30 71-0085	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	374.70	
		For Up To 75, Add	*78.18*	
		For >75 To 150, Add	*37.47*	
		For >500 To 1,000, Deduct	*-8.79*	
		For >1,000 To 2,000, Deduct	*-17.26*	
		For >2,000 To 5,000, Deduct	*-26.37*	
		For >5,000, Deduct	*-40.71*	
33 01 30 71-0086	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	396.75	
		For Up To 75, Add	*82.78*	
		For >75 To 150, Add	*39.68*	
		For >500 To 1,000, Deduct	*-9.31*	
		For >1,000 To 2,000, Deduct	*-18.27*	
		For >2,000 To 5,000, Deduct	*-27.93*	
		For >5,000, Deduct	*-43.11*	
33 01 30 71-0087	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	418.79	
		For Up To 75, Add	*87.38*	
		For >75 To 150, Add	*41.88*	
		For >500 To 1,000, Deduct	*-9.83*	
		For >1,000 To 2,000, Deduct	*-19.29*	
		For >2,000 To 5,000, Deduct	*-29.48*	
		For >5,000, Deduct	*-45.50*	
33 01 30 71-0088	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	440.83	
		For Up To 75, Add	*91.98*	
		For >75 To 150, Add	*44.08*	
		For >500 To 1,000, Deduct	*-10.34*	
		For >1,000 To 2,000, Deduct	*-20.30*	
		For >2,000 To 5,000, Deduct	*-31.03*	
		For >5,000, Deduct	*-47.90*	
33 01 30 71-0089	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	14.03	

33 01 30 71-0090 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0091	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	171.15	
		For Up To 75, Add	*35.50*	
		For >75 To 150, Add	*17.12*	
		For >500 To 1,000, Deduct	*-3.93*	
		For >1,000 To 2,000, Deduct	*-7.74*	
		For >2,000 To 5,000, Deduct	*-11.80*	
		For >5,000, Deduct	*-18.39*	
33 01 30 71-0092	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	199.68	
		For Up To 75, Add	*41.42*	
		For >75 To 150, Add	*19.97*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000 To 2,000, Deduct	*-9.03*	
		For >2,000 To 5,000, Deduct	*-13.76*	
		For >5,000, Deduct	*-21.45*	
33 01 30 71-0093	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	228.20	
		For Up To 75, Add	*47.34*	
		For >75 To 150, Add	*22.82*	
		For >500 To 1,000, Deduct	*-5.24*	
		For >1,000 To 2,000, Deduct	*-10.32*	
		For >2,000 To 5,000, Deduct	*-15.73*	
		For >5,000, Deduct	*-24.52*	
33 01 30 71-0094	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	256.73	
		For Up To 75, Add	*53.25*	
		For >75 To 150, Add	*25.67*	
		For >500 To 1,000, Deduct	*-5.90*	
		For >1,000 To 2,000, Deduct	*-11.60*	
		For >2,000 To 5,000, Deduct	*-17.69*	
		For >5,000, Deduct	*-27.58*	
33 01 30 71-0095	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	285.24	
		For Up To 75, Add	*59.17*	
		For >75 To 150, Add	*28.52*	
		For >500 To 1,000, Deduct	*-6.55*	
		For >1,000 To 2,000, Deduct	*-12.89*	
		For >2,000 To 5,000, Deduct	*-19.66*	
		For >5,000, Deduct	*-30.64*	
33 01 30 71-0096	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	313.78	
		For Up To 75, Add	*65.09*	
		For >75 To 150, Add	*31.38*	
		For >500 To 1,000, Deduct	*-7.21*	
		For >1,000 To 2,000, Deduct	*-14.18*	
		For >2,000 To 5,000, Deduct	*-21.63*	
		For >5,000, Deduct	*-33.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0097	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	342.30	
		For Up To 75, Add	*71.00*	
		For >75 To 150, Add	*34.23*	
		For >500 To 1,000, Deduct	*-7.86*	
		For >1,000 To 2,000, Deduct	*-15.47*	
		For >2,000 To 5,000, Deduct	*-23.59*	
		For >5,000, Deduct	*-36.77*	
33 01 30 71-0098	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	370.83	
		For Up To 75, Add	*76.92*	
		For >75 To 150, Add	*37.08*	
		For >500 To 1,000, Deduct	*-8.52*	
		For >1,000 To 2,000, Deduct	*-16.76*	
		For >2,000 To 5,000, Deduct	*-25.56*	
		For >5,000, Deduct	*-39.84*	
33 01 30 71-0099	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	399.35	
		For Up To 75, Add	*82.84*	
		For >75 To 150, Add	*39.94*	
		For >500 To 1,000, Deduct	*-9.17*	
		For >1,000 To 2,000, Deduct	*-18.05*	
		For >2,000 To 5,000, Deduct	*-27.52*	
		For >5,000, Deduct	*-42.90*	
33 01 30 71-0100	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	427.88	
		For Up To 75, Add	*88.76*	
		For >75 To 150, Add	*42.79*	
		For >500 To 1,000, Deduct	*-9.83*	
		For >1,000 To 2,000, Deduct	*-19.34*	
		For >2,000 To 5,000, Deduct	*-29.49*	
		For >5,000, Deduct	*-45.97*	
33 01 30 71-0101	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	456.39	
		For Up To 75, Add	*94.67*	
		For >75 To 150, Add	*45.64*	
		For >500 To 1,000, Deduct	*-10.48*	
		For >1,000 To 2,000, Deduct	*-20.63*	
		For >2,000 To 5,000, Deduct	*-31.45*	
		For >5,000, Deduct	*-49.03*	
33 01 30 71-0102	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	484.93	
		For Up To 75, Add	*100.59*	
		For >75 To 150, Add	*48.49*	
		For >500 To 1,000, Deduct	*-11.14*	
		For >1,000 To 2,000, Deduct	*-21.92*	
		For >2,000 To 5,000, Deduct	*-33.42*	
		For >5,000, Deduct	*-52.10*	
33 01 30 71-0103	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	513.46	
		For Up To 75, Add	*106.51*	
		For >75 To 150, Add	*51.35*	
		For >500 To 1,000, Deduct	*-11.80*	
		For >1,000 To 2,000, Deduct	*-23.21*	
		For >2,000 To 5,000, Deduct	*-35.39*	
		For >5,000, Deduct	*-55.16*	
33 01 30 71-0104	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	541.98	
		For Up To 75, Add	*112.42*	
		For >75 To 150, Add	*54.20*	
		For >500 To 1,000, Deduct	*-12.45*	
		For >1,000 To 2,000, Deduct	*-24.50*	
		For >2,000 To 5,000, Deduct	*-37.35*	
		For >5,000, Deduct	*-58.23*	
33 01 30 71-0105	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	570.51	
		For Up To 75, Add	*118.34*	
		For >75 To 150, Add	*57.05*	
		For >500 To 1,000, Deduct	*-13.11*	
		For >1,000 To 2,000, Deduct	*-25.79*	
		For >2,000 To 5,000, Deduct	*-39.32*	
		For >5,000, Deduct	*-61.29*	
33 01 30 71-0106	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane	18.16	

33 01 30 71-0107 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0108	LF	36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	210.40	
		For Up To 75, Add	*43.49*	
		For >75 To 150, Add	*21.04*	
		For >500 To 1,000, Deduct	*-4.77*	
		For >1,000 To 2,000, Deduct	*-9.41*	
		For >2,000 To 5,000, Deduct	*-14.32*	
		For >5,000, Deduct	*-22.45*	
33 01 30 71-0109	LF	42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	245.48	
		For Up To 75, Add	*50.75*	
		For >75 To 150, Add	*24.55*	
		For >500 To 1,000, Deduct	*-5.57*	
		For >1,000 To 2,000, Deduct	*-10.97*	
		For >2,000 To 5,000, Deduct	*-16.71*	
		For >5,000, Deduct	*-26.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0110	LF	48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	280.54	
		For Up To 75, Add	*57.99*	
		For >75 To 150, Add	*28.05*	
		For >500 To 1,000, Deduct	*-6.36*	
		For >1,000 To 2,000, Deduct	*-12.54*	
		For >2,000 To 5,000, Deduct	*-19.09*	
		For >5,000, Deduct	*-29.94*	
33 01 30 71-0111	LF	54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	315.60	
		For Up To 75, Add	*65.24*	
		For >75 To 150, Add	*31.56*	
		For >500 To 1,000, Deduct	*-7.16*	
		For >1,000 To 2,000, Deduct	*-14.11*	
		For >2,000 To 5,000, Deduct	*-21.48*	
		For >5,000, Deduct	*-33.68*	
33 01 30 71-0112	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	350.68	
		For Up To 75, Add	*72.49*	
		For >75 To 150, Add	*35.07*	
		For >500 To 1,000, Deduct	*-7.96*	
		For >1,000 To 2,000, Deduct	*-15.68*	
		For >2,000 To 5,000, Deduct	*-23.87*	
		For >5,000, Deduct	*-37.42*	
33 01 30 71-0113	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	385.74	
		For Up To 75, Add	*79.74*	
		For >75 To 150, Add	*38.57*	
		For >500 To 1,000, Deduct	*-8.75*	
		For >1,000 To 2,000, Deduct	*-17.24*	
		For >2,000 To 5,000, Deduct	*-26.25*	
		For >5,000, Deduct	*-41.17*	
33 01 30 71-0114	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	420.81	
		For Up To 75, Add	*86.99*	
		For >75 To 150, Add	*42.08*	
		For >500 To 1,000, Deduct	*-9.55*	
		For >1,000 To 2,000, Deduct	*-18.81*	
		For >2,000 To 5,000, Deduct	*-28.64*	
		For >5,000, Deduct	*-44.91*	
33 01 30 71-0115	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	455.88	
		For Up To 75, Add	*94.24*	
		For >75 To 150, Add	*45.59*	
		For >500 To 1,000, Deduct	*-10.34*	
		For >1,000 To 2,000, Deduct	*-20.38*	
		For >2,000 To 5,000, Deduct	*-31.03*	
		For >5,000, Deduct	*-48.65*	
33 01 30 71-0116	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	490.94	
		For Up To 75, Add	*101.49*	
		For >75 To 150, Add	*49.09*	
		For >500 To 1,000, Deduct	*-11.14*	
		For >1,000 To 2,000, Deduct	*-21.95*	
		For >2,000 To 5,000, Deduct	*-33.41*	
		For >5,000, Deduct	*-52.39*	
33 01 30 71-0117	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	526.02	
		For Up To 75, Add	*108.74*	
		For >75 To 150, Add	*52.60*	
		For >500 To 1,000, Deduct	*-11.93*	
		For >1,000 To 2,000, Deduct	*-23.51*	
		For >2,000 To 5,000, Deduct	*-35.80*	
		For >5,000, Deduct	*-56.14*	
33 01 30 71-0118	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	561.08	
		For Up To 75, Add	*115.98*	
		For >75 To 150, Add	*56.11*	
		For >500 To 1,000, Deduct	*-12.73*	
		For >1,000 To 2,000, Deduct	*-25.08*	
		For >2,000 To 5,000, Deduct	*-38.19*	
		For >5,000, Deduct	*-59.88*	
33 01 30 71-0119	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	596.14	
		For Up To 75, Add	*123.23*	
		For >75 To 150, Add	*59.61*	
		For >500 To 1,000, Deduct	*-13.52*	
		For >1,000 To 2,000, Deduct	*-26.65*	
		For >2,000 To 5,000, Deduct	*-40.57*	
		For >5,000, Deduct	*-63.62*	
33 01 30 71-0120	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	631.22	
		For Up To 75, Add	*130.48*	
		For >75 To 150, Add	*63.12*	
		For >500 To 1,000, Deduct	*-14.32*	
		For >1,000 To 2,000, Deduct	*-28.22*	
		For >2,000 To 5,000, Deduct	*-42.96*	
		For >5,000, Deduct	*-67.36*	
33 01 30 71-0121	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	666.28	
		For Up To 75, Add	*137.73*	
		For >75 To 150, Add	*66.63*	
		For >500 To 1,000, Deduct	*-15.12*	
		For >1,000 To 2,000, Deduct	*-29.78*	
		For >2,000 To 5,000, Deduct	*-45.35*	
		For >5,000, Deduct	*-71.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0122	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	701.35	
		For Up To 75, Add	*144.98*	
		For >75 To 150, Add	*70.14*	
		For >500 To 1,000, Deduct	*-15.91*	
		For >1,000 To 2,000, Deduct	*-31.35*	
		For >2,000 To 5,000, Deduct	*-47.73*	
		For >5,000, Deduct	*-74.85*	
33 01 30 71-0123	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	22.33	

33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion *(33 01 30 72-0001)*

33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	1,506.97
33 01 30 72-0004	EA	Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	2,511.60
33 01 30 72-0005	EA	Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	3,767.40
33 01 30 72-0006	EA	Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	5,023.20
33 01 30 72-0007	EA	Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	753.48
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	1,255.80
33 01 30 72-0009	EA	Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	1,569.75
33 01 30 72-0010	EA	Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	2,009.28
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	1,255.80
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	3,013.92
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	5,023.20
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	7,534.81

33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) *(33 01 30 72-0001)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	19.58
		For Vinlyester Resin, Add	*4.47*
		For Epoxy Resin, Add	*0.53*
		For Up To >10, Add	*42.77*
		For >10 To 25, Add	*34.57*
		For >25 To 50, Add	*21.06*
		For >50 To 100, Add	*10.53*
		For >500 To 1,000, Deduct	*-1.31*
		For >1,000 To 2,000, Deduct	*-2.13*
		For >2,000 To 5,000, Deduct	*-4.06*
		For >5,000, Deduct	*-6.55*
33 01 30 72-0018	LF	4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	23.09
		For Vinlyester Resin, Add	*6.93*
		For Epoxy Resin, Add	*0.82*
		For Up To >10, Add	*44.52*
		For >10 To 25, Add	*35.45*
		For >25 To 50, Add	*21.77*
		For >50 To 100, Add	*10.88*
		For >500 To 1,000, Deduct	*-1.48*
		For >1,000 To 2,000, Deduct	*-2.39*
		For >2,000 To 5,000, Deduct	*-4.49*
		For >5,000, Deduct	*-7.26*
33 01 30 72-0019	LF	4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	26.59
		For Vinlyester Resin, Add	*9.38*
		For Epoxy Resin, Add	*1.11*
		For Up To >10, Add	*46.27*
		For >10 To 25, Add	*36.33*
		For >25 To 50, Add	*22.47*
		For >50 To 100, Add	*11.23*
		For >500 To 1,000, Deduct	*-1.66*
		For >1,000 To 2,000, Deduct	*-2.65*
		For >2,000 To 5,000, Deduct	*-4.91*
		For >5,000, Deduct	*-7.96*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0020	LF	4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	34.86	
		For Vinlyester Resin, Add	*14.29*	
		For Epoxy Resin, Add	*1.68*	
		For Up To >10, Add	*53.53*	
		For >10 To 25, Add	*41.21*	
		For >25 To 50, Add	*25.74*	
		For >50 To 100, Add	*12.87*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000 To 2,000, Deduct	*-3.34*	
		For >2,000 To 5,000, Deduct	*-6.06*	
		For >5,000, Deduct	*-9.86*	
33 01 30 72-0021	LF	4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	43.13	
		For Vinlyester Resin, Add	*19.20*	
		For Epoxy Resin, Add	*2.26*	
		For Up To >10, Add	*60.82*	
		For >10 To 25, Add	*46.11*	
		For >25 To 50, Add	*29.04*	
		For >50 To 100, Add	*14.52*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000 To 2,000, Deduct	*-4.02*	
		For >2,000 To 5,000, Deduct	*-7.22*	
		For >5,000, Deduct	*-11.77*	
33 01 30 72-0022		6mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0023	LF	6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	26.11	
		For Vinlyester Resin, Add	*9.04*	
		For Epoxy Resin, Add	*1.07*	
		For Up To >10, Add	*46.03*	
		For >10 To 25, Add	*36.21*	
		For >25 To 50, Add	*22.37*	
		For >50 To 100, Add	*11.18*	
		For >500 To 1,000, Deduct	*-1.64*	
		For >1,000 To 2,000, Deduct	*-2.62*	
		For >2,000 To 5,000, Deduct	*-4.85*	
		For >5,000, Deduct	*-7.86*	
33 01 30 72-0024	LF	6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	30.79	
		For Vinlyester Resin, Add	*12.32*	
		For Epoxy Resin, Add	*1.45*	
		For Up To >10, Add	*48.37*	
		For >10 To 25, Add	*37.38*	
		For >25 To 50, Add	*23.31*	
		For >50 To 100, Add	*11.65*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000 To 2,000, Deduct	*-2.97*	
		For >2,000 To 5,000, Deduct	*-5.41*	
		For >5,000, Deduct	*-8.80*	
33 01 30 72-0025	LF	6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	41.39	
		For Vinlyester Resin, Add	*18.87*	
		For Epoxy Resin, Add	*2.22*	
		For Up To >10, Add	*56.80*	
		For >10 To 25, Add	*42.84*	
		For >25 To 50, Add	*27.05*	
		For >50 To 100, Add	*13.53*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000 To 2,000, Deduct	*-3.83*	
		For >2,000 To 5,000, Deduct	*-6.84*	
		For >5,000, Deduct	*-11.17*	
33 01 30 72-0026	LF	6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	52.00	
		For Vinlyester Resin, Add	*25.41*	
		For Epoxy Resin, Add	*2.99*	
		For Up To >10, Add	*65.25*	
		For >10 To 25, Add	*48.33*	
		For >25 To 50, Add	*30.81*	
		For >50 To 100, Add	*15.41*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000 To 2,000, Deduct	*-4.69*	
		For >2,000 To 5,000, Deduct	*-8.28*	
		For >5,000, Deduct	*-13.54*	
33 01 30 72-0027	LF	6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	62.73	
		For Vinlyester Resin, Add	*31.96*	
		For Epoxy Resin, Add	*3.77*	
		For Up To >10, Add	*74.07*	
		For >10 To 25, Add	*54.11*	
		For >25 To 50, Add	*34.75*	
		For >50 To 100, Add	*17.38*	
		For >500 To 1,000, Deduct	*-3.56*	
		For >1,000 To 2,000, Deduct	*-5.56*	
		For >2,000 To 5,000, Deduct	*-9.75*	
		For >5,000, Deduct	*-15.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0028	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	73.84	
		For Vinlyester Resin, Add	*38.50*	
		For Epoxy Resin, Add	*4.54*	
		For Up To >10, Add	*84.02*	
		For >10 To 25, Add	*60.85*	
		For >25 To 50, Add	*39.26*	
		For >50 To 100, Add	*19.63*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000 To 2,000, Deduct	*-6.48*	
		For >2,000 To 5,000, Deduct	*-11.31*	
		For >5,000, Deduct	*-18.54*	
33 01 30 72-0029		7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0030	LF	7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	34.84	
		For Vinlyester Resin, Add	*15.16*	
		For Epoxy Resin, Add	*1.79*	
		For Up To >10, Add	*50.40*	
		For >10 To 25, Add	*38.39*	
		For >25 To 50, Add	*24.12*	
		For >50 To 100, Add	*12.06*	
		For >500 To 1,000, Deduct	*-2.07*	
		For >1,000 To 2,000, Deduct	*-3.27*	
		For >2,000 To 5,000, Deduct	*-5.90*	
		For >5,000, Deduct	*-9.61*	
33 01 30 72-0031	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	47.78	
		For Vinlyester Resin, Add	*23.34*	
		For Epoxy Resin, Add	*2.75*	
		For Up To >10, Add	*59.99*	
		For >10 To 25, Add	*44.44*	
		For >25 To 50, Add	*28.33*	
		For >50 To 100, Add	*14.16*	
		For >500 To 1,000, Deduct	*-2.75*	
		For >1,000 To 2,000, Deduct	*-4.31*	
		For >2,000 To 5,000, Deduct	*-7.61*	
		For >5,000, Deduct	*-12.44*	
33 01 30 72-0032	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	60.73	
		For Vinlyester Resin, Add	*31.52*	
		For Epoxy Resin, Add	*3.71*	
		For Up To >10, Add	*69.62*	
		For >10 To 25, Add	*50.51*	
		For >25 To 50, Add	*32.56*	
		For >50 To 100, Add	*16.28*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000 To 2,000, Deduct	*-5.34*	
		For >2,000 To 5,000, Deduct	*-9.33*	
		For >5,000, Deduct	*-15.29*	
33 01 30 72-0033	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	73.80	
		For Vinlyester Resin, Add	*39.70*	
		For Epoxy Resin, Add	*4.68*	
		For Up To >10, Add	*79.60*	
		For >10 To 25, Add	*56.88*	
		For >25 To 50, Add	*36.96*	
		For >50 To 100, Add	*18.48*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000 To 2,000, Deduct	*-6.39*	
		For >2,000 To 5,000, Deduct	*-11.08*	
		For >5,000, Deduct	*-18.18*	
33 01 30 72-0034	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	87.24	
		For Vinlyester Resin, Add	*47.88*	
		For Epoxy Resin, Add	*5.64*	
		For Up To >10, Add	*90.72*	
		For >10 To 25, Add	*64.20*	
		For >25 To 50, Add	*41.94*	
		For >50 To 100, Add	*20.97*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000 To 2,000, Deduct	*-7.49*	
		For >2,000 To 5,000, Deduct	*-12.92*	
		For >5,000, Deduct	*-21.22*	
33 01 30 72-0035	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	107.29	
		For Vinlyester Resin, Add	*60.16*	
		For Epoxy Resin, Add	*7.09*	
		For Up To >10, Add	*107.02*	
		For >10 To 25, Add	*74.86*	
		For >25 To 50, Add	*49.21*	
		For >50 To 100, Add	*24.61*	
		For >500 To 1,000, Deduct	*-5.90*	
		For >1,000 To 2,000, Deduct	*-9.11*	
		For >2,000 To 5,000, Deduct	*-15.65*	
		For >5,000, Deduct	*-25.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0036	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	127.58	
		For Vinlyester Resin, Add	*72.43*	
		For Epoxy Resin, Add	*8.54*	
		For Up To >10, Add	*124.07*	
		For >10 To 25, Add	*86.14*	
		For >25 To 50, Add	*56.86*	
		For >50 To 100, Add	*28.43*	
		For >500 To 1,000, Deduct	*-6.98*	
		For >1,000 To 2,000, Deduct	*-10.77*	
		For >2,000 To 5,000, Deduct	*-18.44*	
		For >5,000, Deduct	*-30.34*	
33 01 30 72-0037		9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0038	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	54.03	
		For Vinlyester Resin, Add	*27.71*	
		For Epoxy Resin, Add	*3.27*	
		For Up To >10, Add	*63.12*	
		For >10 To 25, Add	*46.00*	
		For >25 To 50, Add	*29.58*	
		For >50 To 100, Add	*14.79*	
		For >500 To 1,000, Deduct	*-3.06*	
		For >1,000 To 2,000, Deduct	*-4.77*	
		For >2,000 To 5,000, Deduct	*-8.36*	
		For >5,000, Deduct	*-13.69*	
33 01 30 72-0039	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	69.32	
		For Vinlyester Resin, Add	*37.53*	
		For Epoxy Resin, Add	*4.42*	
		For Up To >10, Add	*73.91*	
		For >10 To 25, Add	*52.66*	
		For >25 To 50, Add	*34.27*	
		For >50 To 100, Add	*17.14*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000 To 2,000, Deduct	*-5.98*	
		For >2,000 To 5,000, Deduct	*-10.36*	
		For >5,000, Deduct	*-17.00*	
33 01 30 72-0040	LF	9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	84.73	
		For Vinlyester Resin, Add	*47.36*	
		For Epoxy Resin, Add	*5.58*	
		For Up To >10, Add	*85.07*	
		For >10 To 25, Add	*59.61*	
		For >25 To 50, Add	*39.15*	
		For >50 To 100, Add	*19.58*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000 To 2,000, Deduct	*-7.21*	
		For >2,000 To 5,000, Deduct	*-12.39*	
		For >5,000, Deduct	*-20.36*	
33 01 30 72-0041	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	100.51	
		For Vinlyester Resin, Add	*57.17*	
		For Epoxy Resin, Add	*6.74*	
		For Up To >10, Add	*97.36*	
		For >10 To 25, Add	*67.52*	
		For >25 To 50, Add	*44.59*	
		For >50 To 100, Add	*22.30*	
		For >500 To 1,000, Deduct	*-5.50*	
		For >1,000 To 2,000, Deduct	*-8.48*	
		For >2,000 To 5,000, Deduct	*-14.51*	
		For >5,000, Deduct	*-23.87*	
33 01 30 72-0042	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	124.06	
		For Vinlyester Resin, Add	*71.90*	
		For Epoxy Resin, Add	*8.47*	
		For Up To >10, Add	*115.41*	
		For >10 To 25, Add	*79.05*	
		For >25 To 50, Add	*52.57*	
		For >50 To 100, Add	*26.28*	
		For >500 To 1,000, Deduct	*-6.74*	
		For >1,000 To 2,000, Deduct	*-10.37*	
		For >2,000 To 5,000, Deduct	*-17.66*	
		For >5,000, Deduct	*-29.08*	
33 01 30 72-0043	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	147.86	
		For Vinlyester Resin, Add	*86.63*	
		For Epoxy Resin, Add	*10.21*	
		For Up To >10, Add	*134.21*	
		For >10 To 25, Add	*91.21*	
		For >25 To 50, Add	*60.92*	
		For >50 To 100, Add	*30.46*	
		For >500 To 1,000, Deduct	*-8.00*	
		For >1,000 To 2,000, Deduct	*-12.30*	
		For >2,000 To 5,000, Deduct	*-20.88*	
		For >5,000, Deduct	*-34.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0044	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	170.90	
		For Vinlyester Resin, Add	*101.35*	
		For Epoxy Resin, Add	*11.94*	
		For Up To >10, Add	*150.75*	
		For >10 To 25, Add	*101.50*	
		For >25 To 50, Add	*68.14*	
		For >50 To 100, Add	*34.07*	
		For >500 To 1,000, Deduct	*-9.20*	
		For >1,000 To 2,000, Deduct	*-14.12*	
		For >2,000 To 5,000, Deduct	*-23.90*	
		For >5,000, Deduct	*-39.40*	
33 01 30 72-0045	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	194.32	
		For Vinlyester Resin, Add	*116.07*	
		For Epoxy Resin, Add	*13.68*	
		For Up To >10, Add	*168.41*	
		For >10 To 25, Add	*112.71*	
		For >25 To 50, Add	*75.91*	
		For >50 To 100, Add	*37.96*	
		For >500 To 1,000, Deduct	*-10.43*	
		For >1,000 To 2,000, Deduct	*-16.00*	
		For >2,000 To 5,000, Deduct	*-27.02*	
		For >5,000, Deduct	*-44.56*	
33 01 30 72-0046		10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0047	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	140.69	
		For Vinlyester Resin, Add	*83.54*	
		For Epoxy Resin, Add	*9.85*	
		For Up To >10, Add	*123.72*	
		For >10 To 25, Add	*83.21*	
		For >25 To 50, Add	*55.89*	
		For >50 To 100, Add	*27.95*	
		For >500 To 1,000, Deduct	*-7.57*	
		For >1,000 To 2,000, Deduct	*-11.62*	
		For >2,000 To 5,000, Deduct	*-19.66*	
		For >5,000, Deduct	*-32.41*	
33 01 30 72-0048	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	168.00	
		For Vinlyester Resin, Add	*100.72*	
		For Epoxy Resin, Add	*11.87*	
		For Up To >10, Add	*144.28*	
		For >10 To 25, Add	*96.25*	
		For >25 To 50, Add	*64.94*	
		For >50 To 100, Add	*32.47*	
		For >500 To 1,000, Deduct	*-9.00*	
		For >1,000 To 2,000, Deduct	*-13.81*	
		For >2,000 To 5,000, Deduct	*-23.29*	
		For >5,000, Deduct	*-38.42*	
33 01 30 72-0049	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	194.55	
		For Vinlyester Resin, Add	*117.90*	
		For Epoxy Resin, Add	*13.90*	
		For Up To >10, Add	*162.58*	
		For >10 To 25, Add	*107.41*	
		For >25 To 50, Add	*72.87*	
		For >50 To 100, Add	*36.43*	
		For >500 To 1,000, Deduct	*-10.38*	
		For >1,000 To 2,000, Deduct	*-15.90*	
		For >2,000 To 5,000, Deduct	*-26.74*	
		For >5,000, Deduct	*-44.13*	
33 01 30 72-0050	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	221.48	
		For Vinlyester Resin, Add	*135.09*	
		For Epoxy Resin, Add	*15.92*	
		For Up To >10, Add	*181.99*	
		For >10 To 25, Add	*119.50*	
		For >25 To 50, Add	*81.35*	
		For >50 To 100, Add	*40.67*	
		For >500 To 1,000, Deduct	*-11.79*	
		For >1,000 To 2,000, Deduct	*-18.04*	
		For >2,000 To 5,000, Deduct	*-30.28*	
		For >5,000, Deduct	*-50.00*	
33 01 30 72-0051	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	248.92	
		For Vinlyester Resin, Add	*152.26*	
		For Epoxy Resin, Add	*17.95*	
		For Up To >10, Add	*202.96*	
		For >10 To 25, Add	*132.88*	
		For >25 To 50, Add	*90.60*	
		For >50 To 100, Add	*45.30*	
		For >500 To 1,000, Deduct	*-13.23*	
		For >1,000 To 2,000, Deduct	*-20.24*	
		For >2,000 To 5,000, Deduct	*-33.95*	
		For >5,000, Deduct	*-56.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0052	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	276.98	
		For Vinlyester Resin, Add	*169.45*	
		For Epoxy Resin, Add	*19.97*	
		For Up To >10, Add	*225.77*	
		For >10 To 25, Add	*147.79*	
		For >25 To 50, Add	*100.78*	
		For >50 To 100, Add	*50.39*	
		For >500 To 1,000, Deduct	*-14.72*	
		For >1,000 To 2,000, Deduct	*-22.52*	
		For >2,000 To 5,000, Deduct	*-37.78*	
		For >5,000, Deduct	*-62.38*	
33 01 30 72-0053	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	330.47	
		For Vinlyester Resin, Add	*203.81*	
		For Epoxy Resin, Add	*24.02*	
		For Up To >10, Add	*263.51*	
		For >10 To 25, Add	*171.07*	
		For >25 To 50, Add	*117.20*	
		For >50 To 100, Add	*58.60*	
		For >500 To 1,000, Deduct	*-17.51*	
		For >1,000 To 2,000, Deduct	*-26.75*	
		For >2,000 To 5,000, Deduct	*-44.77*	
		For >5,000, Deduct	*-73.96*	
33 01 30 72-0054		12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0055	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	157.19	
		For Vinlyester Resin, Add	*95.09*	
		For Epoxy Resin, Add	*11.21*	
		For Up To >10, Add	*131.97*	
		For >10 To 25, Add	*87.34*	
		For >25 To 50, Add	*59.19*	
		For >50 To 100, Add	*29.60*	
		For >500 To 1,000, Deduct	*-8.39*	
		For >1,000 To 2,000, Deduct	*-12.86*	
		For >2,000 To 5,000, Deduct	*-21.64*	
		For >5,000, Deduct	*-35.71*	
33 01 30 72-0056	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	188.00	
		For Vinlyester Resin, Add	*114.72*	
		For Epoxy Resin, Add	*13.52*	
		For Up To >10, Add	*154.28*	
		For >10 To 25, Add	*101.25*	
		For >25 To 50, Add	*68.94*	
		For >50 To 100, Add	*34.47*	
		For >500 To 1,000, Deduct	*-10.00*	
		For >1,000 To 2,000, Deduct	*-15.31*	
		For >2,000 To 5,000, Deduct	*-25.69*	
		For >5,000, Deduct	*-42.42*	
33 01 30 72-0057	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	218.06	
		For Vinlyester Resin, Add	*134.36*	
		For Epoxy Resin, Add	*15.84*	
		For Up To >10, Add	*174.33*	
		For >10 To 25, Add	*113.29*	
		For >25 To 50, Add	*77.57*	
		For >50 To 100, Add	*38.78*	
		For >500 To 1,000, Deduct	*-11.56*	
		For >1,000 To 2,000, Deduct	*-17.66*	
		For >2,000 To 5,000, Deduct	*-29.56*	
		For >5,000, Deduct	*-48.84*	
33 01 30 72-0058	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	248.49	
		For Vinlyester Resin, Add	*153.99*	
		For Epoxy Resin, Add	*18.15*	
		For Up To >10, Add	*195.50*	
		For >10 To 25, Add	*126.25*	
		For >25 To 50, Add	*86.75*	
		For >50 To 100, Add	*43.37*	
		For >500 To 1,000, Deduct	*-13.14*	
		For >1,000 To 2,000, Deduct	*-20.06*	
		For >2,000 To 5,000, Deduct	*-33.52*	
		For >5,000, Deduct	*-55.40*	
33 01 30 72-0059	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.44	
		For Vinlyester Resin, Add	*173.63*	
		For Epoxy Resin, Add	*20.46*	
		For Up To >10, Add	*218.22*	
		For >10 To 25, Add	*140.51*	
		For >25 To 50, Add	*96.71*	
		For >50 To 100, Add	*48.35*	
		For >500 To 1,000, Deduct	*-14.76*	
		For >1,000 To 2,000, Deduct	*-22.53*	
		For >2,000 To 5,000, Deduct	*-37.61*	
		For >5,000, Deduct	*-62.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0060	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	311.00	
		For Vinlyester Resin, Add	*193.26*	
		For Epoxy Resin, Add	*22.78*	
		For Up To >10, Add	*242.78*	
		For >10 To 25, Add	*156.30*	
		For >25 To 50, Add	*107.58*	
		For >50 To 100, Add	*53.79*	
		For >500 To 1,000, Deduct	*-16.42*	
		For >1,000 To 2,000, Deduct	*-25.07*	
		For >2,000 To 5,000, Deduct	*-41.86*	
		For >5,000, Deduct	*-69.18*	
33 01 30 72-0061	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	371.51	
		For Vinlyester Resin, Add	*232.54*	
		For Epoxy Resin, Add	*27.41*	
		For Up To >10, Add	*284.03*	
		For >10 To 25, Add	*181.33*	
		For >25 To 50, Add	*125.41*	
		For >50 To 100, Add	*62.70*	
		For >500 To 1,000, Deduct	*-19.56*	
		For >1,000 To 2,000, Deduct	*-29.83*	
		For >2,000 To 5,000, Deduct	*-49.69*	
		For >5,000, Deduct	*-82.16*	
33 01 30 72-0062	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	433.14	
		For Vinlyester Resin, Add	*271.81*	
		For Epoxy Resin, Add	*32.03*	
		For Up To >10, Add	*328.67*	
		For >10 To 25, Add	*209.18*	
		For >25 To 50, Add	*144.92*	
		For >50 To 100, Add	*72.46*	
		For >500 To 1,000, Deduct	*-22.78*	
		For >1,000 To 2,000, Deduct	*-34.73*	
		For >2,000 To 5,000, Deduct	*-57.81*	
		For >5,000, Deduct	*-95.60*	
33 01 30 72-0063	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	496.76	
		For Vinlyester Resin, Add	*311.08*	
		For Epoxy Resin, Add	*36.66*	
		For Up To >10, Add	*379.28*	
		For >10 To 25, Add	*242.00*	
		For >25 To 50, Add	*167.42*	
		For >50 To 100, Add	*83.71*	
		For >500 To 1,000, Deduct	*-26.15*	
		For >1,000 To 2,000, Deduct	*-39.88*	
		For >2,000 To 5,000, Deduct	*-66.42*	
		For >5,000, Deduct	*-109.82*	

33 01 30 72-0064 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0065	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	173.55	
		For Vinlyester Resin, Add	*106.54*	
		For Epoxy Resin, Add	*12.56*	
		For Up To >10, Add	*140.15*	
		For >10 To 25, Add	*91.43*	
		For >25 To 50, Add	*62.47*	
		For >50 To 100, Add	*31.23*	
		For >500 To 1,000, Deduct	*-9.21*	
		For >1,000 To 2,000, Deduct	*-14.08*	
		For >2,000 To 5,000, Deduct	*-23.60*	
		For >5,000, Deduct	*-38.98*	
33 01 30 72-0066	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	207.87	
		For Vinlyester Resin, Add	*128.63*	
		For Epoxy Resin, Add	*15.16*	
		For Up To >10, Add	*164.21*	
		For >10 To 25, Add	*106.22*	
		For >25 To 50, Add	*72.92*	
		For >50 To 100, Add	*36.46*	
		For >500 To 1,000, Deduct	*-11.00*	
		For >1,000 To 2,000, Deduct	*-16.80*	
		For >2,000 To 5,000, Deduct	*-28.08*	
		For >5,000, Deduct	*-46.40*	
33 01 30 72-0067	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	241.44	
		For Vinlyester Resin, Add	*150.72*	
		For Epoxy Resin, Add	*17.76*	
		For Up To >10, Add	*186.02*	
		For >10 To 25, Add	*119.13*	
		For >25 To 50, Add	*82.24*	
		For >50 To 100, Add	*41.12*	
		For >500 To 1,000, Deduct	*-12.73*	
		For >1,000 To 2,000, Deduct	*-19.41*	
		For >2,000 To 5,000, Deduct	*-32.37*	
		For >5,000, Deduct	*-53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0068	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	275.37	
		For Vinlyester Resin, Add	*172.81*	
		For Epoxy Resin, Add	*20.37*	
		For Up To >10, Add	*208.94*	
		For >10 To 25, Add	*132.97*	
		For >25 To 50, Add	*92.12*	
		For >50 To 100, Add	*46.06*	
		For >500 To 1,000, Deduct	*-14.48*	
		For >1,000 To 2,000, Deduct	*-22.08*	
		For >2,000 To 5,000, Deduct	*-36.75*	
		For >5,000, Deduct	*-60.77*	
33 01 30 72-0069	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	309.83	
		For Vinlyester Resin, Add	*194.90*	
		For Epoxy Resin, Add	*22.97*	
		For Up To >10, Add	*233.42*	
		For >10 To 25, Add	*148.11*	
		For >25 To 50, Add	*102.79*	
		For >50 To 100, Add	*51.39*	
		For >500 To 1,000, Deduct	*-16.28*	
		For >1,000 To 2,000, Deduct	*-24.81*	
		For >2,000 To 5,000, Deduct	*-41.26*	
		For >5,000, Deduct	*-68.25*	
33 01 30 72-0070	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	344.90	
		For Vinlyester Resin, Add	*216.99*	
		For Epoxy Resin, Add	*25.57*	
		For Up To >10, Add	*259.73*	
		For >10 To 25, Add	*164.77*	
		For >25 To 50, Add	*114.36*	
		For >50 To 100, Add	*57.18*	
		For >500 To 1,000, Deduct	*-18.12*	
		For >1,000 To 2,000, Deduct	*-27.61*	
		For >2,000 To 5,000, Deduct	*-45.93*	
		For >5,000, Deduct	*-75.96*	
33 01 30 72-0071	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	412.41	
		For Vinlyester Resin, Add	*261.17*	
		For Epoxy Resin, Add	*30.78*	
		For Up To >10, Add	*304.48*	
		For >10 To 25, Add	*191.55*	
		For >25 To 50, Add	*133.59*	
		For >50 To 100, Add	*66.79*	
		For >500 To 1,000, Deduct	*-21.60*	
		For >1,000 To 2,000, Deduct	*-32.90*	
		For >2,000 To 5,000, Deduct	*-54.60*	
		For >5,000, Deduct	*-90.34*	
33 01 30 72-0072	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	481.06	
		For Vinlyester Resin, Add	*305.35*	
		For Epoxy Resin, Add	*35.99*	
		For Up To >10, Add	*352.63*	
		For >10 To 25, Add	*221.16*	
		For >25 To 50, Add	*154.50*	
		For >50 To 100, Add	*77.25*	
		For >500 To 1,000, Deduct	*-25.17*	
		For >1,000 To 2,000, Deduct	*-38.32*	
		For >2,000 To 5,000, Deduct	*-63.56*	
		For >5,000, Deduct	*-105.18*	
33 01 30 72-0073	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	551.69	
		For Vinlyester Resin, Add	*349.53*	
		For Epoxy Resin, Add	*41.19*	
		For Up To >10, Add	*406.75*	
		For >10 To 25, Add	*255.73*	
		For >25 To 50, Add	*178.41*	
		For >50 To 100, Add	*89.20*	
		For >500 To 1,000, Deduct	*-28.89*	
		For >1,000 To 2,000, Deduct	*-43.99*	
		For >2,000 To 5,000, Deduct	*-73.01*	
		For >5,000, Deduct	*-120.81*	

33 01 30 72-0074 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0075	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	189.77	
		For Vinlyester Resin, Add	*117.89*	
		For Epoxy Resin, Add	*13.89*	
		For Up To >10, Add	*148.26*	
		For >10 To 25, Add	*95.48*	
		For >25 To 50, Add	*65.71*	
		For >50 To 100, Add	*32.85*	
		For >500 To 1,000, Deduct	*-10.02*	
		For >1,000 To 2,000, Deduct	*-15.30*	
		For >2,000 To 5,000, Deduct	*-25.55*	
		For >5,000, Deduct	*-42.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0076	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	227.59	
		For Vinlyester Resin, Add	*142.44*	
		For Epoxy Resin, Add	*16.79*	
		For Up To >10, Add	*174.07*	
		For >10 To 25, Add	*111.15*	
		For >25 To 50, Add	*76.86*	
		For >50 To 100, Add	*38.43*	
		For >500 To 1,000, Deduct	*-11.98*	
		For >1,000 To 2,000, Deduct	*-18.27*	
		For >2,000 To 5,000, Deduct	*-30.45*	
		For >5,000, Deduct	*-50.34*	
33 01 30 72-0077	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	264.67	
		For Vinlyester Resin, Add	*166.99*	
		For Epoxy Resin, Add	*19.68*	
		For Up To >10, Add	*197.64*	
		For >10 To 25, Add	*124.94*	
		For >25 To 50, Add	*86.89*	
		For >50 To 100, Add	*43.45*	
		For >500 To 1,000, Deduct	*-13.89*	
		For >1,000 To 2,000, Deduct	*-21.16*	
		For >2,000 To 5,000, Deduct	*-35.16*	
		For >5,000, Deduct	*-58.16*	
33 01 30 72-0078	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	302.11	
		For Vinlyester Resin, Add	*191.53*	
		For Epoxy Resin, Add	*22.57*	
		For Up To >10, Add	*222.31*	
		For >10 To 25, Add	*139.65*	
		For >25 To 50, Add	*97.47*	
		For >50 To 100, Add	*48.74*	
		For >500 To 1,000, Deduct	*-15.82*	
		For >1,000 To 2,000, Deduct	*-24.08*	
		For >2,000 To 5,000, Deduct	*-39.96*	
		For >5,000, Deduct	*-66.12*	
33 01 30 72-0079	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	340.08	
		For Vinlyester Resin, Add	*216.08*	
		For Epoxy Resin, Add	*25.47*	
		For Up To >10, Add	*248.54*	
		For >10 To 25, Add	*155.67*	
		For >25 To 50, Add	*108.84*	
		For >50 To 100, Add	*54.42*	
		For >500 To 1,000, Deduct	*-17.79*	
		For >1,000 To 2,000, Deduct	*-27.08*	
		For >2,000 To 5,000, Deduct	*-44.89*	
		For >5,000, Deduct	*-74.30*	
33 01 30 72-0080	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	378.65	
		For Vinlyester Resin, Add	*240.62*	
		For Epoxy Resin, Add	*28.36*	
		For Up To >10, Add	*276.60*	
		For >10 To 25, Add	*173.21*	
		For >25 To 50, Add	*121.11*	
		For >50 To 100, Add	*60.56*	
		For >500 To 1,000, Deduct	*-19.81*	
		For >1,000 To 2,000, Deduct	*-30.14*	
		For >2,000 To 5,000, Deduct	*-49.98*	
		For >5,000, Deduct	*-82.71*	
33 01 30 72-0081	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	453.18	
		For Vinlyester Resin, Add	*289.71*	
		For Epoxy Resin, Add	*34.14*	
		For Up To >10, Add	*324.87*	
		For >10 To 25, Add	*201.74*	
		For >25 To 50, Add	*141.74*	
		For >50 To 100, Add	*70.87*	
		For >500 To 1,000, Deduct	*-23.64*	
		For >1,000 To 2,000, Deduct	*-35.95*	
		For >2,000 To 5,000, Deduct	*-59.49*	
		For >5,000, Deduct	*-98.50*	
33 01 30 72-0082	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	528.84	
		For Vinlyester Resin, Add	*338.80*	
		For Epoxy Resin, Add	*39.93*	
		For Up To >10, Add	*376.52*	
		For >10 To 25, Add	*233.10*	
		For >25 To 50, Add	*164.06*	
		For >50 To 100, Add	*82.03*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000 To 2,000, Deduct	*-41.91*	
		For >2,000 To 5,000, Deduct	*-69.29*	
		For >5,000, Deduct	*-114.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0083	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	606.49	
		For Vinlyester Resin, Add	*387.89*	
		For Epoxy Resin, Add	*45.72*	
		For Up To >10, Add	*434.15*	
		For >10 To 25, Add	*269.43*	
		For >25 To 50, Add	*189.37*	
		For >50 To 100, Add	*94.68*	
		For >500 To 1,000, Deduct	*-31.63*	
		For >1,000 To 2,000, Deduct	*-48.10*	
		For >2,000 To 5,000, Deduct	*-79.59*	
		For >5,000, Deduct	*-131.77*	
33 01 30 72-0084		16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0085	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	247.18	
		For Vinlyester Resin, Add	*156.15*	
		For Epoxy Resin, Add	*18.40*	
		For Up To >10, Add	*183.87*	
		For >10 To 25, Add	*116.04*	
		For >25 To 50, Add	*80.78*	
		For >50 To 100, Add	*40.39*	
		For >500 To 1,000, Deduct	*-12.96*	
		For >1,000 To 2,000, Deduct	*-19.74*	
		For >2,000 To 5,000, Deduct	*-32.80*	
		For >5,000, Deduct	*-54.26*	
33 01 30 72-0086	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	287.76	
		For Vinlyester Resin, Add	*183.15*	
		For Epoxy Resin, Add	*21.59*	
		For Up To >10, Add	*209.18*	
		For >10 To 25, Add	*130.71*	
		For >25 To 50, Add	*91.51*	
		For >50 To 100, Add	*45.75*	
		For >500 To 1,000, Deduct	*-15.04*	
		For >1,000 To 2,000, Deduct	*-22.89*	
		For >2,000 To 5,000, Deduct	*-37.93*	
		For >5,000, Deduct	*-62.78*	
33 01 30 72-0087	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	328.71	
		For Vinlyester Resin, Add	*210.15*	
		For Epoxy Resin, Add	*24.77*	
		For Up To >10, Add	*235.61*	
		For >10 To 25, Add	*146.30*	
		For >25 To 50, Add	*102.79*	
		For >50 To 100, Add	*51.40*	
		For >500 To 1,000, Deduct	*-17.15*	
		For >1,000 To 2,000, Deduct	*-26.08*	
		For >2,000 To 5,000, Deduct	*-43.15*	
		For >5,000, Deduct	*-71.44*	
33 01 30 72-0088	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	370.18	
		For Vinlyester Resin, Add	*237.15*	
		For Epoxy Resin, Add	*27.95*	
		For Up To >10, Add	*263.59*	
		For >10 To 25, Add	*163.20*	
		For >25 To 50, Add	*114.86*	
		For >50 To 100, Add	*57.43*	
		For >500 To 1,000, Deduct	*-19.29*	
		For >1,000 To 2,000, Deduct	*-29.33*	
		For >2,000 To 5,000, Deduct	*-48.50*	
		For >5,000, Deduct	*-80.32*	
33 01 30 72-0089	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	412.27	
		For Vinlyester Resin, Add	*264.15*	
		For Epoxy Resin, Add	*31.13*	
		For Up To >10, Add	*293.41*	
		For >10 To 25, Add	*181.62*	
		For >25 To 50, Add	*127.84*	
		For >50 To 100, Add	*63.92*	
		For >500 To 1,000, Deduct	*-21.49*	
		For >1,000 To 2,000, Deduct	*-32.67*	
		For >2,000 To 5,000, Deduct	*-54.01*	
		For >5,000, Deduct	*-89.44*	
33 01 30 72-0090	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	493.81	
		For Vinlyester Resin, Add	*318.15*	
		For Epoxy Resin, Add	*37.50*	
		For Up To >10, Add	*345.18*	
		For >10 To 25, Add	*211.90*	
		For >25 To 50, Add	*149.87*	
		For >50 To 100, Add	*74.93*	
		For >500 To 1,000, Deduct	*-25.67*	
		For >1,000 To 2,000, Deduct	*-39.00*	
		For >2,000 To 5,000, Deduct	*-64.37*	
		For >5,000, Deduct	*-106.62*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0091	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	576.48	
		For Vinlyester Resin, Add	*372.15*	
		For Epoxy Resin, Add	*43.86*	
		For Up To >10, Add	*400.34*	
		For >10 To 25, Add	*245.01*	
		For >25 To 50, Add	*173.59*	
		For >50 To 100, Add	*86.79*	
		For >500 To 1,000, Deduct	*-29.95*	
		For >1,000 To 2,000, Deduct	*-45.48*	
		For >2,000 To 5,000, Deduct	*-75.01*	
		For >5,000, Deduct	*-124.26*	
33 01 30 72-0092	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	661.14	
		For Vinlyester Resin, Add	*426.15*	
		For Epoxy Resin, Add	*50.22*	
		For Up To >10, Add	*461.47*	
		For >10 To 25, Add	*283.10*	
		For >25 To 50, Add	*200.30*	
		For >50 To 100, Add	*100.15*	
		For >500 To 1,000, Deduct	*-34.37*	
		For >1,000 To 2,000, Deduct	*-52.20*	
		For >2,000 To 5,000, Deduct	*-86.14*	
		For >5,000, Deduct	*-142.70*	
33 01 30 72-0093	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	744.94	
		For Vinlyester Resin, Add	*480.14*	
		For Epoxy Resin, Add	*56.59*	
		For Up To >10, Add	*520.02*	
		For >10 To 25, Add	*319.03*	
		For >25 To 50, Add	*225.71*	
		For >50 To 100, Add	*112.86*	
		For >500 To 1,000, Deduct	*-38.72*	
		For >1,000 To 2,000, Deduct	*-58.82*	
		For >2,000 To 5,000, Deduct	*-97.07*	
		For >5,000, Deduct	*-160.79*	

33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0095	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	267.26	
		For Vinlyester Resin, Add	*169.76*	
		For Epoxy Resin, Add	*20.01*	
		For Up To >10, Add	*195.48*	
		For >10 To 25, Add	*122.48*	
		For >25 To 50, Add	*85.61*	
		For >50 To 100, Add	*42.81*	
		For >500 To 1,000, Deduct	*-13.98*	
		For >1,000 To 2,000, Deduct	*-21.28*	
		For >2,000 To 5,000, Deduct	*-35.29*	
		For >5,000, Deduct	*-58.40*	
33 01 30 72-0096	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	311.48	
		For Vinlyester Resin, Add	*199.22*	
		For Epoxy Resin, Add	*23.48*	
		For Up To >10, Add	*222.94*	
		For >10 To 25, Add	*138.35*	
		For >25 To 50, Add	*97.24*	
		For >50 To 100, Add	*48.62*	
		For >500 To 1,000, Deduct	*-16.25*	
		For >1,000 To 2,000, Deduct	*-24.71*	
		For >2,000 To 5,000, Deduct	*-40.87*	
		For >5,000, Deduct	*-67.67*	
33 01 30 72-0097	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.94	
		For Vinlyester Resin, Add	*228.68*	
		For Epoxy Resin, Add	*26.95*	
		For Up To >10, Add	*251.12*	
		For >10 To 25, Add	*154.82*	
		For >25 To 50, Add	*109.23*	
		For >50 To 100, Add	*54.61*	
		For >500 To 1,000, Deduct	*-18.53*	
		For >1,000 To 2,000, Deduct	*-28.16*	
		For >2,000 To 5,000, Deduct	*-46.52*	
		For >5,000, Deduct	*-77.04*	
33 01 30 72-0098	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	401.04	
		For Vinlyester Resin, Add	*258.13*	
		For Epoxy Resin, Add	*30.42*	
		For Up To >10, Add	*281.22*	
		For >10 To 25, Add	*172.89*	
		For >25 To 50, Add	*122.17*	
		For >50 To 100, Add	*61.09*	
		For >500 To 1,000, Deduct	*-20.86*	
		For >1,000 To 2,000, Deduct	*-31.69*	
		For >2,000 To 5,000, Deduct	*-52.32*	
		For >5,000, Deduct	*-86.66*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0099	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	446.62	
		For Vinlyester Resin, Add	*287.58*	
		For Epoxy Resin, Add	*33.89*	
		For Up To >10, Add	*312.79*	
		For >10 To 25, Add	*192.18*	
		For >25 To 50, Add	*135.85*	
		For >50 To 100, Add	*67.93*	
		For >500 To 1,000, Deduct	*-23.23*	
		For >1,000 To 2,000, Deduct	*-35.29*	
		For >2,000 To 5,000, Deduct	*-58.25*	
		For >5,000, Deduct	*-96.48*	
33 01 30 72-0100	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	536.18	
		For Vinlyester Resin, Add	*346.49*	
		For Epoxy Resin, Add	*40.84*	
		For Up To >10, Add	*371.07*	
		For >10 To 25, Add	*226.72*	
		For >25 To 50, Add	*160.78*	
		For >50 To 100, Add	*80.39*	
		For >500 To 1,000, Deduct	*-27.84*	
		For >1,000 To 2,000, Deduct	*-42.27*	
		For >2,000 To 5,000, Deduct	*-69.70*	
		For >5,000, Deduct	*-115.47*	
33 01 30 72-0101	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	626.24	
		For Vinlyester Resin, Add	*405.40*	
		For Epoxy Resin, Add	*47.78*	
		For Up To >10, Add	*430.87*	
		For >10 To 25, Add	*262.54*	
		For >25 To 50, Add	*186.48*	
		For >50 To 100, Add	*93.24*	
		For >500 To 1,000, Deduct	*-32.49*	
		For >1,000 To 2,000, Deduct	*-49.32*	
		For >2,000 To 5,000, Deduct	*-81.27*	
		For >5,000, Deduct	*-134.67*	
33 01 30 72-0102	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	718.30	
		For Vinlyester Resin, Add	*464.30*	
		For Epoxy Resin, Add	*54.72*	
		For Up To >10, Add	*496.68*	
		For >10 To 25, Add	*303.35*	
		For >25 To 50, Add	*215.17*	
		For >50 To 100, Add	*107.59*	
		For >500 To 1,000, Deduct	*-37.29*	
		For >1,000 To 2,000, Deduct	*-56.62*	
		For >2,000 To 5,000, Deduct	*-93.35*	
		For >5,000, Deduct	*-154.66*	
33 01 30 72-0103	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	809.49	
		For Vinlyester Resin, Add	*523.22*	
		For Epoxy Resin, Add	*61.66*	
		For Up To >10, Add	*559.85*	
		For >10 To 25, Add	*341.96*	
		For >25 To 50, Add	*242.55*	
		For >50 To 100, Add	*121.28*	
		For >500 To 1,000, Deduct	*-42.03*	
		For >1,000 To 2,000, Deduct	*-63.81*	
		For >2,000 To 5,000, Deduct	*-105.20*	
		For >5,000, Deduct	*-174.31*	
33 01 30 72-0104	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	900.54	
		For Vinlyester Resin, Add	*582.12*	
		For Epoxy Resin, Add	*68.61*	
		For Up To >10, Add	*622.62*	
		For >10 To 25, Add	*380.25*	
		For >25 To 50, Add	*269.73*	
		For >50 To 100, Add	*134.87*	
		For >500 To 1,000, Deduct	*-46.75*	
		For >1,000 To 2,000, Deduct	*-70.99*	
		For >2,000 To 5,000, Deduct	*-117.03*	
		For >5,000, Deduct	*-193.90*	
33 01 30 72-0105	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	992.12	
		For Vinlyester Resin, Add	*641.03*	
		For Epoxy Resin, Add	*75.55*	
		For Up To >10, Add	*686.96*	
		For >10 To 25, Add	*419.84*	
		For >25 To 50, Add	*297.69*	
		For >50 To 100, Add	*148.85*	
		For >500 To 1,000, Deduct	*-51.52*	
		For >1,000 To 2,000, Deduct	*-78.23*	
		For >2,000 To 5,000, Deduct	*-128.98*	
		For >5,000, Deduct	*-213.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0106	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,083.30	
		For Vinlyester Resin, Add	*699.94*	
		For Epoxy Resin, Add	*82.49*	
		For Up To >10, Add	*750.13*	
		For >10 To 25, Add	*458.45*	
		For >25 To 50, Add	*325.07*	
		For >50 To 100, Add	*162.53*	
		For >500 To 1,000, Deduct	*-56.25*	
		For >1,000 To 2,000, Deduct	*-85.42*	
		For >2,000 To 5,000, Deduct	*-140.84*	
		For >5,000, Deduct	*-233.34*	
33 01 30 72-0107		19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0108	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	287.59	
		For Vinlyester Resin, Add	*183.29*	
		For Epoxy Resin, Add	*21.60*	
		For Up To >10, Add	*208.17*	
		For >10 To 25, Add	*129.84*	
		For >25 To 50, Add	*90.99*	
		For >50 To 100, Add	*45.50*	
		For >500 To 1,000, Deduct	*-15.02*	
		For >1,000 To 2,000, Deduct	*-22.86*	
		For >2,000 To 5,000, Deduct	*-37.86*	
		For >5,000, Deduct	*-62.67*	
33 01 30 72-0109	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	335.30	
		For Vinlyester Resin, Add	*215.19*	
		For Epoxy Resin, Add	*25.36*	
		For Up To >10, Add	*237.35*	
		For >10 To 25, Add	*146.56*	
		For >25 To 50, Add	*103.30*	
		For >50 To 100, Add	*51.65*	
		For >500 To 1,000, Deduct	*-17.46*	
		For >1,000 To 2,000, Deduct	*-26.54*	
		For >2,000 To 5,000, Deduct	*-43.86*	
		For >5,000, Deduct	*-72.64*	
33 01 30 72-0110	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	383.39	
		For Vinlyester Resin, Add	*247.10*	
		For Epoxy Resin, Add	*29.12*	
		For Up To >10, Add	*267.67*	
		For >10 To 25, Add	*164.23*	
		For >25 To 50, Add	*116.19*	
		For >50 To 100, Add	*58.09*	
		For >500 To 1,000, Deduct	*-19.93*	
		For >1,000 To 2,000, Deduct	*-30.27*	
		For >2,000 To 5,000, Deduct	*-49.96*	
		For >5,000, Deduct	*-82.76*	
33 01 30 72-0111	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	431.74	
		For Vinlyester Resin, Add	*279.01*	
		For Epoxy Resin, Add	*32.88*	
		For Up To >10, Add	*298.75*	
		For >10 To 25, Add	*182.52*	
		For >25 To 50, Add	*129.44*	
		For >50 To 100, Add	*64.72*	
		For >500 To 1,000, Deduct	*-22.42*	
		For >1,000 To 2,000, Deduct	*-34.04*	
		For >2,000 To 5,000, Deduct	*-56.12*	
		For >5,000, Deduct	*-92.98*	
33 01 30 72-0112	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	481.09	
		For Vinlyester Resin, Add	*310.92*	
		For Epoxy Resin, Add	*36.64*	
		For Up To >10, Add	*332.85*	
		For >10 To 25, Add	*203.34*	
		For >25 To 50, Add	*144.21*	
		For >50 To 100, Add	*72.11*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000 To 2,000, Deduct	*-37.93*	
		For >2,000 To 5,000, Deduct	*-62.53*	
		For >5,000, Deduct	*-103.60*	
33 01 30 72-0113	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	578.79	
		For Vinlyester Resin, Add	*374.74*	
		For Epoxy Resin, Add	*44.17*	
		For Up To >10, Add	*398.02*	
		For >10 To 25, Add	*242.46*	
		For >25 To 50, Add	*172.24*	
		For >50 To 100, Add	*86.12*	
		For >500 To 1,000, Deduct	*-30.03*	
		For >1,000 To 2,000, Deduct	*-45.58*	
		For >2,000 To 5,000, Deduct	*-75.10*	
		For >5,000, Deduct	*-124.45*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0114	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	676.86	
		For Vinlyester Resin, Add	*438.55*	
		For Epoxy Resin, Add	*51.69*	
		For Up To >10, Add	*464.33*	
		For >10 To 25, Add	*282.53*	
		For >25 To 50, Add	*200.84*	
		For >50 To 100, Add	*100.42*	
		For >500 To 1,000, Deduct	*-35.10*	
		For >1,000 To 2,000, Deduct	*-53.28*	
		For >2,000 To 5,000, Deduct	*-87.77*	
		For >5,000, Deduct	*-145.44*	
33 01 30 72-0115	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	775.81	
		For Vinlyester Resin, Add	*502.37*	
		For Epoxy Resin, Add	*59.21*	
		For Up To >10, Add	*533.26*	
		For >10 To 25, Add	*324.77*	
		For >25 To 50, Add	*230.74*	
		For >50 To 100, Add	*115.37*	
		For >500 To 1,000, Deduct	*-40.24*	
		For >1,000 To 2,000, Deduct	*-61.09*	
		For >2,000 To 5,000, Deduct	*-100.66*	
		For >5,000, Deduct	*-166.79*	
33 01 30 72-0116	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	874.39	
		For Vinlyester Resin, Add	*566.19*	
		For Epoxy Resin, Add	*66.73*	
		For Up To >10, Add	*601.07*	
		For >10 To 25, Add	*366.09*	
		For >25 To 50, Add	*260.09*	
		For >50 To 100, Add	*130.05*	
		For >500 To 1,000, Deduct	*-45.36*	
		For >1,000 To 2,000, Deduct	*-68.86*	
		For >2,000 To 5,000, Deduct	*-113.45*	
		For >5,000, Deduct	*-187.99*	
33 01 30 72-0117	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	972.97	
		For Vinlyester Resin, Add	*630.00*	
		For Epoxy Resin, Add	*74.25*	
		For Up To >10, Add	*668.91*	
		For >10 To 25, Add	*407.43*	
		For >25 To 50, Add	*289.46*	
		For >50 To 100, Add	*144.73*	
		For >500 To 1,000, Deduct	*-50.47*	
		For >1,000 To 2,000, Deduct	*-76.62*	
		For >2,000 To 5,000, Deduct	*-126.24*	
		For >5,000, Deduct	*-209.19*	
33 01 30 72-0118	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,073.05	
		For Vinlyester Resin, Add	*693.82*	
		For Epoxy Resin, Add	*81.77*	
		For Up To >10, Add	*741.23*	
		For >10 To 25, Add	*452.49*	
		For >25 To 50, Add	*321.05*	
		For >50 To 100, Add	*160.53*	
		For >500 To 1,000, Deduct	*-55.70*	
		For >1,000 To 2,000, Deduct	*-84.57*	
		For >2,000 To 5,000, Deduct	*-139.41*	
		For >5,000, Deduct	*-230.99*	
33 01 30 72-0119	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,171.74	
		For Vinlyester Resin, Add	*757.63*	
		For Epoxy Resin, Add	*89.29*	
		For Up To >10, Add	*809.40*	
		For >10 To 25, Add	*494.11*	
		For >25 To 50, Add	*350.58*	
		For >50 To 100, Add	*175.29*	
		For >500 To 1,000, Deduct	*-60.82*	
		For >1,000 To 2,000, Deduct	*-92.35*	
		For >2,000 To 5,000, Deduct	*-152.23*	
		For >5,000, Deduct	*-252.23*	

33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0121	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	307.64	
		For Vinlyester Resin, Add	*196.71*	
		For Epoxy Resin, Add	*23.18*	
		For Up To >10, Add	*220.40*	
		For >10 To 25, Add	*136.83*	
		For >25 To 50, Add	*96.15*	
		For >50 To 100, Add	*48.07*	
		For >500 To 1,000, Deduct	*-16.05*	
		For >1,000 To 2,000, Deduct	*-24.40*	
		For >2,000 To 5,000, Deduct	*-40.38*	
		For >5,000, Deduct	*-66.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0122	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	358.99	
		For Vinlyester Resin, Add	*231.07*	
		For Epoxy Resin, Add	*27.23*	
		For Up To >10, Add	*251.72*	
		For >10 To 25, Add	*154.75*	
		For >25 To 50, Add	*109.36*	
		For >50 To 100, Add	*54.68*	
		For >500 To 1,000, Deduct	*-18.67*	
		For >1,000 To 2,000, Deduct	*-28.37*	
		For >2,000 To 5,000, Deduct	*-46.83*	
		For >5,000, Deduct	*-77.58*	
33 01 30 72-0123	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	410.71	
		For Vinlyester Resin, Add	*265.43*	
		For Epoxy Resin, Add	*31.28*	
		For Up To >10, Add	*284.16*	
		For >10 To 25, Add	*173.60*	
		For >25 To 50, Add	*123.12*	
		For >50 To 100, Add	*61.56*	
		For >500 To 1,000, Deduct	*-21.32*	
		For >1,000 To 2,000, Deduct	*-32.38*	
		For >2,000 To 5,000, Deduct	*-53.38*	
		For >5,000, Deduct	*-88.45*	
33 01 30 72-0124	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	462.31	
		For Vinlyester Resin, Add	*299.80*	
		For Epoxy Resin, Add	*35.33*	
		For Up To >10, Add	*316.23*	
		For >10 To 25, Add	*192.15*	
		For >25 To 50, Add	*136.70*	
		For >50 To 100, Add	*68.35*	
		For >500 To 1,000, Deduct	*-23.97*	
		For >1,000 To 2,000, Deduct	*-36.37*	
		For >2,000 To 5,000, Deduct	*-59.90*	
		For >5,000, Deduct	*-99.27*	
33 01 30 72-0125	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	515.30	
		For Vinlyester Resin, Add	*334.16*	
		For Epoxy Resin, Add	*39.38*	
		For Up To >10, Add	*352.48*	
		For >10 To 25, Add	*214.17*	
		For >25 To 50, Add	*152.37*	
		For >50 To 100, Add	*76.18*	
		For >500 To 1,000, Deduct	*-26.71*	
		For >1,000 To 2,000, Deduct	*-40.54*	
		For >2,000 To 5,000, Deduct	*-66.77*	
		For >5,000, Deduct	*-110.65*	
33 01 30 72-0126	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	621.26	
		For Vinlyester Resin, Add	*402.89*	
		For Epoxy Resin, Add	*47.48*	
		For Up To >10, Add	*424.91*	
		For >10 To 25, Add	*258.16*	
		For >25 To 50, Add	*183.68*	
		For >50 To 100, Add	*91.84*	
		For >500 To 1,000, Deduct	*-32.21*	
		For >1,000 To 2,000, Deduct	*-48.88*	
		For >2,000 To 5,000, Deduct	*-80.49*	
		For >5,000, Deduct	*-133.39*	
33 01 30 72-0127	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	727.22	
		For Vinlyester Resin, Add	*471.61*	
		For Epoxy Resin, Add	*55.58*	
		For Up To >10, Add	*497.34*	
		For >10 To 25, Add	*302.16*	
		For >25 To 50, Add	*214.98*	
		For >50 To 100, Add	*107.49*	
		For >500 To 1,000, Deduct	*-37.70*	
		For >1,000 To 2,000, Deduct	*-57.22*	
		For >2,000 To 5,000, Deduct	*-94.22*	
		For >5,000, Deduct	*-156.14*	
33 01 30 72-0128	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	833.19	
		For Vinlyester Resin, Add	*540.34*	
		For Epoxy Resin, Add	*63.68*	
		For Up To >10, Add	*569.80*	
		For >10 To 25, Add	*346.18*	
		For >25 To 50, Add	*246.30*	
		For >50 To 100, Add	*123.15*	
		For >500 To 1,000, Deduct	*-43.19*	
		For >1,000 To 2,000, Deduct	*-65.55*	
		For >2,000 To 5,000, Deduct	*-107.95*	
		For >5,000, Deduct	*-178.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0129	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	939.16	
		For Vinlyester Resin, Add	*609.06*	
		For Epoxy Resin, Add	*71.78*	
		For Up To >10, Add	*642.26*	
		For >10 To 25, Add	*390.20*	
		For >25 To 50, Add	*277.62*	
		For >50 To 100, Add	*138.81*	
		For >500 To 1,000, Deduct	*-48.68*	
		For >1,000 To 2,000, Deduct	*-73.89*	
		For >2,000 To 5,000, Deduct	*-121.68*	
		For >5,000, Deduct	*-201.65*	
33 01 30 72-0130	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,045.12	
		For Vinlyester Resin, Add	*677.79*	
		For Epoxy Resin, Add	*79.88*	
		For Up To >10, Add	*714.69*	
		For >10 To 25, Add	*434.19*	
		For >25 To 50, Add	*308.93*	
		For >50 To 100, Add	*154.46*	
		For >500 To 1,000, Deduct	*-54.18*	
		For >1,000 To 2,000, Deduct	*-82.23*	
		For >2,000 To 5,000, Deduct	*-135.40*	
		For >5,000, Deduct	*-224.39*	
33 01 30 72-0131	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,153.85	
		For Vinlyester Resin, Add	*746.52*	
		For Epoxy Resin, Add	*87.98*	
		For Up To >10, Add	*795.43*	
		For >10 To 25, Add	*485.11*	
		For >25 To 50, Add	*344.39*	
		For >50 To 100, Add	*172.20*	
		For >500 To 1,000, Deduct	*-59.88*	
		For >1,000 To 2,000, Deduct	*-90.91*	
		For >2,000 To 5,000, Deduct	*-149.82*	
		For >5,000, Deduct	*-248.25*	
33 01 30 72-0132	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,260.08	
		For Vinlyester Resin, Add	*815.24*	
		For Epoxy Resin, Add	*96.08*	
		For Up To >10, Add	*868.67*	
		For >10 To 25, Add	*529.78*	
		For >25 To 50, Add	*376.10*	
		For >50 To 100, Add	*188.05*	
		For >500 To 1,000, Deduct	*-65.39*	
		For >1,000 To 2,000, Deduct	*-99.28*	
		For >2,000 To 5,000, Deduct	*-163.62*	
		For >5,000, Deduct	*-271.11*	

33 01 30 72-0133 22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0134	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	327.42	
		For Vinlyester Resin, Add	*210.04*	
		For Epoxy Resin, Add	*24.75*	
		For Up To >10, Add	*232.14*	
		For >10 To 25, Add	*143.44*	
		For >25 To 50, Add	*101.07*	
		For >50 To 100, Add	*50.53*	
		For >500 To 1,000, Deduct	*-17.06*	
		For >1,000 To 2,000, Deduct	*-25.93*	
		For >2,000 To 5,000, Deduct	*-42.85*	
		For >5,000, Deduct	*-70.96*	
33 01 30 72-0135	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	382.27	
		For Vinlyester Resin, Add	*246.85*	
		For Epoxy Resin, Add	*29.09*	
		For Up To >10, Add	*265.21*	
		For >10 To 25, Add	*162.24*	
		For >25 To 50, Add	*114.97*	
		For >50 To 100, Add	*57.49*	
		For >500 To 1,000, Deduct	*-19.85*	
		For >1,000 To 2,000, Deduct	*-30.15*	
		For >2,000 To 5,000, Deduct	*-49.72*	
		For >5,000, Deduct	*-82.38*	
33 01 30 72-0136	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	437.89	
		For Vinlyester Resin, Add	*283.67*	
		For Epoxy Resin, Add	*33.43*	
		For Up To >10, Add	*300.57*	
		For >10 To 25, Add	*182.94*	
		For >25 To 50, Add	*130.02*	
		For >50 To 100, Add	*65.01*	
		For >500 To 1,000, Deduct	*-22.71*	
		For >1,000 To 2,000, Deduct	*-34.47*	
		For >2,000 To 5,000, Deduct	*-56.79*	
		For >5,000, Deduct	*-94.11*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0137	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	493.88	
		For Vinlyester Resin, Add	*320.49*	
		For Epoxy Resin, Add	*37.77*	
		For Up To >10, Add	*337.04*	
		For >10 To 25, Add	*204.56*	
		For >25 To 50, Add	*145.63*	
		For >50 To 100, Add	*72.81*	
		For >500 To 1,000, Deduct	*-25.60*	
		For >1,000 To 2,000, Deduct	*-38.84*	
		For >2,000 To 5,000, Deduct	*-63.95*	
		For >5,000, Deduct	*-105.98*	
33 01 30 72-0138	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	550.62	
		For Vinlyester Resin, Add	*357.30*	
		For Epoxy Resin, Add	*42.11*	
		For Up To >10, Add	*375.79*	
		For >10 To 25, Add	*228.08*	
		For >25 To 50, Add	*162.37*	
		For >50 To 100, Add	*81.19*	
		For >500 To 1,000, Deduct	*-28.54*	
		For >1,000 To 2,000, Deduct	*-43.31*	
		For >2,000 To 5,000, Deduct	*-71.30*	
		For >5,000, Deduct	*-118.16*	
33 01 30 72-0139	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	664.09	
		For Vinlyester Resin, Add	*430.93*	
		For Epoxy Resin, Add	*50.79*	
		For Up To >10, Add	*453.22*	
		For >10 To 25, Add	*275.08*	
		For >25 To 50, Add	*195.83*	
		For >50 To 100, Add	*97.91*	
		For >500 To 1,000, Deduct	*-34.42*	
		For >1,000 To 2,000, Deduct	*-52.23*	
		For >2,000 To 5,000, Deduct	*-85.99*	
		For >5,000, Deduct	*-142.51*	
33 01 30 72-0140	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	777.58	
		For Vinlyester Resin, Add	*504.57*	
		For Epoxy Resin, Add	*59.47*	
		For Up To >10, Add	*530.69*	
		For >10 To 25, Add	*322.11*	
		For >25 To 50, Add	*229.30*	
		For >50 To 100, Add	*114.65*	
		For >500 To 1,000, Deduct	*-40.30*	
		For >1,000 To 2,000, Deduct	*-61.16*	
		For >2,000 To 5,000, Deduct	*-100.69*	
		For >5,000, Deduct	*-166.87*	
33 01 30 72-0141	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	891.06	
		For Vinlyester Resin, Add	*578.21*	
		For Epoxy Resin, Add	*68.15*	
		For Up To >10, Add	*608.16*	
		For >10 To 25, Add	*369.13*	
		For >25 To 50, Add	*262.78*	
		For >50 To 100, Add	*131.39*	
		For >500 To 1,000, Deduct	*-46.18*	
		For >1,000 To 2,000, Deduct	*-70.08*	
		For >2,000 To 5,000, Deduct	*-115.38*	
		For >5,000, Deduct	*-191.22*	
33 01 30 72-0142	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,004.54	
		For Vinlyester Resin, Add	*651.84*	
		For Epoxy Resin, Add	*76.82*	
		For Up To >10, Add	*685.62*	
		For >10 To 25, Add	*416.15*	
		For >25 To 50, Add	*296.25*	
		For >50 To 100, Add	*148.13*	
		For >500 To 1,000, Deduct	*-52.06*	
		For >1,000 To 2,000, Deduct	*-79.01*	
		For >2,000 To 5,000, Deduct	*-130.08*	
		For >5,000, Deduct	*-215.58*	
33 01 30 72-0143	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,118.02	
		For Vinlyester Resin, Add	*725.48*	
		For Epoxy Resin, Add	*85.50*	
		For Up To >10, Add	*763.06*	
		For >10 To 25, Add	*463.15*	
		For >25 To 50, Add	*329.71*	
		For >50 To 100, Add	*164.86*	
		For >500 To 1,000, Deduct	*-57.94*	
		For >1,000 To 2,000, Deduct	*-87.93*	
		For >2,000 To 5,000, Deduct	*-144.77*	
		For >5,000, Deduct	*-239.93*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0144	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,234.39	
		For Vinlyester Resin, Add	*799.11*	
		For Epoxy Resin, Add	*94.18*	
		For Up To >10, Add	*849.20*	
		For >10 To 25, Add	*517.40*	
		For >25 To 50, Add	*367.52*	
		For >50 To 100, Add	*183.76*	
		For >500 To 1,000, Deduct	*-64.04*	
		For >1,000 To 2,000, Deduct	*-97.22*	
		For >2,000 To 5,000, Deduct	*-160.19*	
		For >5,000, Deduct	*-265.44*	
33 01 30 72-0145	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,348.13	
		For Vinlyester Resin, Add	*872.75*	
		For Epoxy Resin, Add	*102.86*	
		For Up To >10, Add	*927.44*	
		For >10 To 25, Add	*565.07*	
		For >25 To 50, Add	*401.38*	
		For >50 To 100, Add	*200.69*	
		For >500 To 1,000, Deduct	*-69.94*	
		For >1,000 To 2,000, Deduct	*-106.18*	
		For >2,000 To 5,000, Deduct	*-174.95*	
		For >5,000, Deduct	*-289.90*	

33 01 30 72-0146 24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0147	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	346.95	
		For Vinlyester Resin, Add	*223.26*	
		For Epoxy Resin, Add	*26.31*	
		For Up To >10, Add	*243.50*	
		For >10 To 25, Add	*149.76*	
		For >25 To 50, Add	*105.80*	
		For >50 To 100, Add	*52.90*	
		For >500 To 1,000, Deduct	*-18.05*	
		For >1,000 To 2,000, Deduct	*-27.42*	
		For >2,000 To 5,000, Deduct	*-45.28*	
		For >5,000, Deduct	*-74.99*	
33 01 30 72-0148	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	405.32	
		For Vinlyester Resin, Add	*262.54*	
		For Epoxy Resin, Add	*30.94*	
		For Up To >10, Add	*278.34*	
		For >10 To 25, Add	*169.44*	
		For >25 To 50, Add	*120.42*	
		For >50 To 100, Add	*60.21*	
		For >500 To 1,000, Deduct	*-21.02*	
		For >1,000 To 2,000, Deduct	*-31.91*	
		For >2,000 To 5,000, Deduct	*-52.57*	
		For >5,000, Deduct	*-87.12*	
33 01 30 72-0149	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	464.81	
		For Vinlyester Resin, Add	*301.81*	
		For Epoxy Resin, Add	*35.57*	
		For Up To >10, Add	*316.56*	
		For >10 To 25, Add	*191.94*	
		For >25 To 50, Add	*136.72*	
		For >50 To 100, Add	*68.36*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000 To 2,000, Deduct	*-36.54*	
		For >2,000 To 5,000, Deduct	*-60.15*	
		For >5,000, Deduct	*-99.69*	
33 01 30 72-0150	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	525.30	
		For Vinlyester Resin, Add	*341.08*	
		For Epoxy Resin, Add	*40.20*	
		For Up To >10, Add	*357.78*	
		For >10 To 25, Add	*216.94*	
		For >25 To 50, Add	*154.53*	
		For >50 To 100, Add	*77.26*	
		For >500 To 1,000, Deduct	*-27.22*	
		For >1,000 To 2,000, Deduct	*-41.30*	
		For >2,000 To 5,000, Deduct	*-67.98*	
		For >5,000, Deduct	*-112.67*	
33 01 30 72-0151	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	585.81	
		For Vinlyester Resin, Add	*380.35*	
		For Epoxy Resin, Add	*44.83*	
		For Up To >10, Add	*399.03*	
		For >10 To 25, Add	*241.97*	
		For >25 To 50, Add	*172.35*	
		For >50 To 100, Add	*86.17*	
		For >500 To 1,000, Deduct	*-30.35*	
		For >1,000 To 2,000, Deduct	*-46.06*	
		For >2,000 To 5,000, Deduct	*-75.82*	
		For >5,000, Deduct	*-125.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0152	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	706.80	
		For Vinlyester Resin, Add	*458.90*	
		For Epoxy Resin, Add	*54.08*	
		For Up To >10, Add	*481.48*	
		For >10 To 25, Add	*291.97*	
		For >25 To 50, Add	*207.96*	
		For >50 To 100, Add	*103.98*	
		For >500 To 1,000, Deduct	*-36.62*	
		For >1,000 To 2,000, Deduct	*-55.57*	
		For >2,000 To 5,000, Deduct	*-91.48*	
		For >5,000, Deduct	*-151.61*	
33 01 30 72-0153	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	857.58	
		For Vinlyester Resin, Add	*558.38*	
		For Epoxy Resin, Add	*65.81*	
		For Up To >10, Add	*578.54*	
		For >10 To 25, Add	*349.17*	
		For >25 To 50, Add	*249.39*	
		For >50 To 100, Add	*124.69*	
		For >500 To 1,000, Deduct	*-44.38*	
		For >1,000 To 2,000, Deduct	*-67.31*	
		For >2,000 To 5,000, Deduct	*-110.70*	
		For >5,000, Deduct	*-183.50*	
33 01 30 72-0154	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	948.66	
		For Vinlyester Resin, Add	*615.98*	
		For Epoxy Resin, Add	*72.60*	
		For Up To >10, Add	*646.06*	
		For >10 To 25, Add	*391.72*	
		For >25 To 50, Add	*279.03*	
		For >50 To 100, Add	*139.51*	
		For >500 To 1,000, Deduct	*-49.15*	
		For >1,000 To 2,000, Deduct	*-74.58*	
		For >2,000 To 5,000, Deduct	*-122.77*	
		For >5,000, Deduct	*-203.47*	
33 01 30 72-0155	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,069.67	
		For Vinlyester Resin, Add	*694.53*	
		For Epoxy Resin, Add	*81.85*	
		For Up To >10, Add	*728.56*	
		For >10 To 25, Add	*441.77*	
		For >25 To 50, Add	*314.67*	
		For >50 To 100, Add	*157.34*	
		For >500 To 1,000, Deduct	*-55.42*	
		For >1,000 To 2,000, Deduct	*-84.10*	
		For >2,000 To 5,000, Deduct	*-138.43*	
		For >5,000, Deduct	*-229.43*	
33 01 30 72-0156	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,190.65	
		For Vinlyester Resin, Add	*773.07*	
		For Epoxy Resin, Add	*91.11*	
		For Up To >10, Add	*811.00*	
		For >10 To 25, Add	*491.77*	
		For >25 To 50, Add	*350.28*	
		For >50 To 100, Add	*175.14*	
		For >500 To 1,000, Deduct	*-61.69*	
		For >1,000 To 2,000, Deduct	*-93.61*	
		For >2,000 To 5,000, Deduct	*-154.09*	
		For >5,000, Deduct	*-255.38*	
33 01 30 72-0157	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,314.67	
		For Vinlyester Resin, Add	*851.61*	
		For Epoxy Resin, Add	*100.37*	
		For Up To >10, Add	*902.54*	
		For >10 To 25, Add	*549.35*	
		For >25 To 50, Add	*390.44*	
		For >50 To 100, Add	*195.22*	
		For >500 To 1,000, Deduct	*-68.19*	
		For >1,000 To 2,000, Deduct	*-103.50*	
		For >2,000 To 5,000, Deduct	*-170.51*	
		For >5,000, Deduct	*-282.55*	
33 01 30 72-0158	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,435.92	
		For Vinlyester Resin, Add	*930.16*	
		For Epoxy Resin, Add	*109.63*	
		For Up To >10, Add	*985.76*	
		For >10 To 25, Add	*600.00*	
		For >25 To 50, Add	*426.44*	
		For >50 To 100, Add	*213.22*	
		For >500 To 1,000, Deduct	*-74.47*	
		For >1,000 To 2,000, Deduct	*-113.05*	
		For >2,000 To 5,000, Deduct	*-186.24*	
		For >5,000, Deduct	*-308.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0159	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,557.16	
		For Vinlyester Resin, Add	*1,008.70*	
		For Epoxy Resin, Add	*118.88*	
		For Up To >10, Add	*1,068.98*	
		For >10 To 25, Add	*650.65*	
		For >25 To 50, Add	*462.44*	
		For >50 To 100, Add	*231.22*	
		For >500 To 1,000, Deduct	*-80.76*	
		For >1,000 To 2,000, Deduct	*-122.60*	
		For >2,000 To 5,000, Deduct	*-201.96*	
		For >5,000, Deduct	*-334.66*	
33 01 30 72-0160	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,678.41	
		For Vinlyester Resin, Add	*1,087.25*	
		For Epoxy Resin, Add	*128.14*	
		For Up To >10, Add	*1,152.21*	
		For >10 To 25, Add	*701.30*	
		For >25 To 50, Add	*498.44*	
		For >50 To 100, Add	*249.22*	
		For >500 To 1,000, Deduct	*-87.05*	
		For >1,000 To 2,000, Deduct	*-132.14*	
		For >2,000 To 5,000, Deduct	*-217.69*	
		For >5,000, Deduct	*-360.72*	

33 01 30 72-0161 25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0162	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	428.59	
		For Vinlyester Resin, Add	*278.12*	
		For Epoxy Resin, Add	*32.78*	
		For Up To >10, Add	*292.47*	
		For >10 To 25, Add	*177.51*	
		For >25 To 50, Add	*126.37*	
		For >50 To 100, Add	*63.18*	
		For >500 To 1,000, Deduct	*-22.21*	
		For >1,000 To 2,000, Deduct	*-33.71*	
		For >2,000 To 5,000, Deduct	*-55.50*	
		For >5,000, Deduct	*-91.97*	
33 01 30 72-0163	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	492.33	
		For Vinlyester Resin, Add	*319.84*	
		For Epoxy Resin, Add	*37.70*	
		For Up To >10, Add	*334.69*	
		For >10 To 25, Add	*202.76*	
		For >25 To 50, Add	*144.50*	
		For >50 To 100, Add	*72.25*	
		For >500 To 1,000, Deduct	*-25.50*	
		For >1,000 To 2,000, Deduct	*-38.70*	
		For >2,000 To 5,000, Deduct	*-63.68*	
		For >5,000, Deduct	*-105.55*	
33 01 30 72-0164	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	556.60	
		For Vinlyester Resin, Add	*361.58*	
		For Epoxy Resin, Add	*42.61*	
		For Up To >10, Add	*378.45*	
		For >10 To 25, Add	*229.29*	
		For >25 To 50, Add	*163.40*	
		For >50 To 100, Add	*81.70*	
		For >500 To 1,000, Deduct	*-28.83*	
		For >1,000 To 2,000, Deduct	*-43.75*	
		For >2,000 To 5,000, Deduct	*-72.00*	
		For >5,000, Deduct	*-119.33*	
33 01 30 72-0165	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	620.72	
		For Vinlyester Resin, Add	*403.30*	
		For Epoxy Resin, Add	*47.53*	
		For Up To >10, Add	*421.81*	
		For >10 To 25, Add	*255.49*	
		For >25 To 50, Add	*182.10*	
		For >50 To 100, Add	*91.05*	
		For >500 To 1,000, Deduct	*-32.15*	
		For >1,000 To 2,000, Deduct	*-48.78*	
		For >2,000 To 5,000, Deduct	*-80.28*	
		For >5,000, Deduct	*-133.06*	
33 01 30 72-0166	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	749.24	
		For Vinlyester Resin, Add	*486.75*	
		For Epoxy Resin, Add	*57.37*	
		For Up To >10, Add	*509.32*	
		For >10 To 25, Add	*308.54*	
		For >25 To 50, Add	*219.89*	
		For >50 To 100, Add	*109.95*	
		For >500 To 1,000, Deduct	*-38.81*	
		For >1,000 To 2,000, Deduct	*-58.89*	
		For >2,000 To 5,000, Deduct	*-96.91*	
		For >5,000, Deduct	*-160.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0167	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	877.62	
		For Vinlyester Resin, Add	*570.21*	
		For Epoxy Resin, Add	*67.20*	
		For Up To >10, Add	*596.41*	
		For >10 To 25, Add	*361.25*	
		For >25 To 50, Add	*257.48*	
		For >50 To 100, Add	*128.74*	
		For >500 To 1,000, Deduct	*-45.46*	
		For >1,000 To 2,000, Deduct	*-68.97*	
		For >2,000 To 5,000, Deduct	*-113.51*	
		For >5,000, Deduct	*-188.13*	
33 01 30 72-0168	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,006.13	
		For Vinlyester Resin, Add	*653.66*	
		For Epoxy Resin, Add	*77.04*	
		For Up To >10, Add	*683.89*	
		For >10 To 25, Add	*414.28*	
		For >25 To 50, Add	*295.26*	
		For >50 To 100, Add	*147.63*	
		For >500 To 1,000, Deduct	*-52.11*	
		For >1,000 To 2,000, Deduct	*-79.08*	
		For >2,000 To 5,000, Deduct	*-130.14*	
		For >5,000, Deduct	*-215.69*	
33 01 30 72-0169	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,184.52	
		For Vinlyester Resin, Add	*737.11*	
		For Epoxy Resin, Add	*86.87*	
		For Up To >10, Add	*771.01*	
		For >10 To 25, Add	*467.01*	
		For >25 To 50, Add	*332.85*	
		For >50 To 100, Add	*166.43*	
		For >500 To 1,000, Deduct	*-58.76*	
		For >1,000 To 2,000, Deduct	*-89.16*	
		For >2,000 To 5,000, Deduct	*-146.74*	
		For >5,000, Deduct	*-243.20*	
33 01 30 72-0170	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,263.03	
		For Vinlyester Resin, Add	*820.57*	
		For Epoxy Resin, Add	*96.71*	
		For Up To >10, Add	*858.49*	
		For >10 To 25, Add	*520.04*	
		For >25 To 50, Add	*370.63*	
		For >50 To 100, Add	*185.32*	
		For >500 To 1,000, Deduct	*-65.42*	
		For >1,000 To 2,000, Deduct	*-99.27*	
		For >2,000 To 5,000, Deduct	*-163.37*	
		For >5,000, Deduct	*-270.76*	
33 01 30 72-0171	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,395.55	
		For Vinlyester Resin, Add	*904.02*	
		For Epoxy Resin, Add	*106.54*	
		For Up To >10, Add	*958.03*	
		For >10 To 25, Add	*583.11*	
		For >25 To 50, Add	*414.44*	
		For >50 To 100, Add	*207.22*	
		For >500 To 1,000, Deduct	*-72.38*	
		For >1,000 To 2,000, Deduct	*-109.87*	
		For >2,000 To 5,000, Deduct	*-181.00*	
		For >5,000, Deduct	*-299.93*	
33 01 30 72-0172	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,524.45	
		For Vinlyester Resin, Add	*987.47*	
		For Epoxy Resin, Add	*116.38*	
		For Up To >10, Add	*1,046.68*	
		For >10 To 25, Add	*637.12*	
		For >25 To 50, Add	*452.80*	
		For >50 To 100, Add	*226.40*	
		For >500 To 1,000, Deduct	*-79.07*	
		For >1,000 To 2,000, Deduct	*-120.02*	
		For >2,000 To 5,000, Deduct	*-197.73*	
		For >5,000, Deduct	*-327.65*	
33 01 30 72-0173	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,653.21	
		For Vinlyester Resin, Add	*1,070.92*	
		For Epoxy Resin, Add	*126.22*	
		For Up To >10, Add	*1,134.91*	
		For >10 To 25, Add	*690.77*	
		For >25 To 50, Add	*490.96*	
		For >50 To 100, Add	*245.48*	
		For >500 To 1,000, Deduct	*-85.74*	
		For >1,000 To 2,000, Deduct	*-130.16*	
		For >2,000 To 5,000, Deduct	*-214.42*	
		For >5,000, Deduct	*-355.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0174	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,782.10	
		For Vinlyester Resin, Add	*1,154.38*	
		For Epoxy Resin, Add	*136.05*	
		For Up To >10, Add	*1,223.53*	
		For >10 To 25, Add	*744.75*	
		For >25 To 50, Add	*529.31*	
		For >50 To 100, Add	*264.65*	
		For >500 To 1,000, Deduct	*-92.43*	
		For >1,000 To 2,000, Deduct	*-140.31*	
		For >2,000 To 5,000, Deduct	*-231.14*	
		For >5,000, Deduct	*-383.02*	

33 01 30 72-0175 27mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0176	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	451.58	
		For Vinlyester Resin, Add	*293.61*	
		For Epoxy Resin, Add	*34.60*	
		For Up To >10, Add	*306.14*	
		For >10 To 25, Add	*185.21*	
		For >25 To 50, Add	*132.10*	
		For >50 To 100, Add	*66.05*	
		For >500 To 1,000, Deduct	*-23.38*	
		For >1,000 To 2,000, Deduct	*-35.48*	
		For >2,000 To 5,000, Deduct	*-58.37*	
		For >5,000, Deduct	*-96.74*	
33 01 30 72-0177	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	519.61	
		For Vinlyester Resin, Add	*337.79*	
		For Epoxy Resin, Add	*39.81*	
		For Up To >10, Add	*352.43*	
		For >10 To 25, Add	*213.27*	
		For >25 To 50, Add	*152.09*	
		For >50 To 100, Add	*76.04*	
		For >500 To 1,000, Deduct	*-26.91*	
		For >1,000 To 2,000, Deduct	*-40.82*	
		For >2,000 To 5,000, Deduct	*-67.17*	
		For >5,000, Deduct	*-111.33*	
33 01 30 72-0178	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	587.62	
		For Vinlyester Resin, Add	*381.98*	
		For Epoxy Resin, Add	*45.02*	
		For Up To >10, Add	*398.66*	
		For >10 To 25, Add	*241.27*	
		For >25 To 50, Add	*172.05*	
		For >50 To 100, Add	*86.02*	
		For >500 To 1,000, Deduct	*-30.43*	
		For >1,000 To 2,000, Deduct	*-46.17*	
		For >2,000 To 5,000, Deduct	*-75.97*	
		For >5,000, Deduct	*-125.91*	
33 01 30 72-0179	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	655.50	
		For Vinlyester Resin, Add	*426.15*	
		For Epoxy Resin, Add	*50.23*	
		For Up To >10, Add	*444.53*	
		For >10 To 25, Add	*268.97*	
		For >25 To 50, Add	*191.82*	
		For >50 To 100, Add	*95.91*	
		For >500 To 1,000, Deduct	*-33.94*	
		For >1,000 To 2,000, Deduct	*-51.50*	
		For >2,000 To 5,000, Deduct	*-84.73*	
		For >5,000, Deduct	*-140.44*	
33 01 30 72-0180	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	791.41	
		For Vinlyester Resin, Add	*514.51*	
		For Epoxy Resin, Add	*60.64*	
		For Up To >10, Add	*536.68*	
		For >10 To 25, Add	*324.73*	
		For >25 To 50, Add	*231.59*	
		For >50 To 100, Add	*115.79*	
		For >500 To 1,000, Deduct	*-40.98*	
		For >1,000 To 2,000, Deduct	*-62.18*	
		For >2,000 To 5,000, Deduct	*-102.30*	
		For >5,000, Deduct	*-169.56*	
33 01 30 72-0181	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	927.43	
		For Vinlyester Resin, Add	*602.88*	
		For Epoxy Resin, Add	*71.05*	
		For Up To >10, Add	*629.17*	
		For >10 To 25, Add	*380.76*	
		For >25 To 50, Add	*271.52*	
		For >50 To 100, Add	*135.76*	
		For >500 To 1,000, Deduct	*-48.03*	
		For >1,000 To 2,000, Deduct	*-72.87*	
		For >2,000 To 5,000, Deduct	*-119.90*	
		For >5,000, Deduct	*-198.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0182	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,063.34	
		For Vinlyester Resin, Add	*691.24*	
		For Epoxy Resin, Add	*81.47*	
		For Up To >10, Add	*721.30*	
		For >10 To 25, Add	*436.50*	
		For >25 To 50, Add	*311.27*	
		For >50 To 100, Add	*155.64*	
		For >500 To 1,000, Deduct	*-55.06*	
		For >1,000 To 2,000, Deduct	*-83.54*	
		For >2,000 To 5,000, Deduct	*-137.46*	
		For >5,000, Deduct	*-227.84*	
33 01 30 72-0183	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,199.24	
		For Vinlyester Resin, Add	*779.60*	
		For Epoxy Resin, Add	*91.88*	
		For Up To >10, Add	*813.42*	
		For >10 To 25, Add	*492.23*	
		For >25 To 50, Add	*351.02*	
		For >50 To 100, Add	*175.51*	
		For >500 To 1,000, Deduct	*-62.10*	
		For >1,000 To 2,000, Deduct	*-94.22*	
		For >2,000 To 5,000, Deduct	*-155.03*	
		For >5,000, Deduct	*-256.95*	
33 01 30 72-0184	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,335.14	
		For Vinlyester Resin, Add	*867.97*	
		For Epoxy Resin, Add	*102.30*	
		For Up To >10, Add	*905.55*	
		For >10 To 25, Add	*547.96*	
		For >25 To 50, Add	*390.78*	
		For >50 To 100, Add	*195.39*	
		For >500 To 1,000, Deduct	*-69.14*	
		For >1,000 To 2,000, Deduct	*-104.90*	
		For >2,000 To 5,000, Deduct	*-172.59*	
		For >5,000, Deduct	*-286.07*	
33 01 30 72-0185	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,476.32	
		For Vinlyester Resin, Add	*956.33*	
		For Epoxy Resin, Add	*112.71*	
		For Up To >10, Add	*1,013.51*	
		For >10 To 25, Add	*616.90*	
		For >25 To 50, Add	*438.45*	
		For >50 To 100, Add	*219.22*	
		For >500 To 1,000, Deduct	*-76.57*	
		For >1,000 To 2,000, Deduct	*-116.23*	
		For >2,000 To 5,000, Deduct	*-191.48*	
		For >5,000, Deduct	*-317.29*	
33 01 30 72-0186	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,612.72	
		For Vinlyester Resin, Add	*1,044.69*	
		For Epoxy Resin, Add	*123.12*	
		For Up To >10, Add	*1,107.14*	
		For >10 To 25, Add	*673.88*	
		For >25 To 50, Add	*478.95*	
		For >50 To 100, Add	*239.47*	
		For >500 To 1,000, Deduct	*-83.64*	
		For >1,000 To 2,000, Deduct	*-126.97*	
		For >2,000 To 5,000, Deduct	*-209.17*	
		For >5,000, Deduct	*-346.61*	
33 01 30 72-0187	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,749.12	
		For Vinlyester Resin, Add	*1,133.05*	
		For Epoxy Resin, Add	*133.54*	
		For Up To >10, Add	*1,200.76*	
		For >10 To 25, Add	*730.86*	
		For >25 To 50, Add	*519.45*	
		For >50 To 100, Add	*259.72*	
		For >500 To 1,000, Deduct	*-90.72*	
		For >1,000 To 2,000, Deduct	*-137.71*	
		For >2,000 To 5,000, Deduct	*-226.86*	
		For >5,000, Deduct	*-375.92*	
33 01 30 72-0188	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,885.52	
		For Vinlyester Resin, Add	*1,221.41*	
		For Epoxy Resin, Add	*143.95*	
		For Up To >10, Add	*1,294.39*	
		For >10 To 25, Add	*787.84*	
		For >25 To 50, Add	*559.95*	
		For >50 To 100, Add	*279.97*	
		For >500 To 1,000, Deduct	*-97.79*	
		For >1,000 To 2,000, Deduct	*-148.45*	
		For >2,000 To 5,000, Deduct	*-244.55*	
		For >5,000, Deduct	*-405.23*	

33 01 30 72-0189 28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0190	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	546.49	
		For Vinlyester Resin, Add	*355.64*	
		For Epoxy Resin, Add	*41.91*	
		For Up To >10, Add	*369.32*	
		For >10 To 25, Add	*223.09*	
		For >25 To 50, Add	*159.26*	
		For >50 To 100, Add	*79.63*	
		For >500 To 1,000, Deduct	*-28.29*	
		For >1,000 To 2,000, Deduct	*-42.91*	
		For >2,000 To 5,000, Deduct	*-70.57*	
		For >5,000, Deduct	*-116.98*	
33 01 30 72-0191	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	618.26	
		For Vinlyester Resin, Add	*402.28*	
		For Epoxy Resin, Add	*47.41*	
		For Up To >10, Add	*418.08*	
		For >10 To 25, Add	*252.62*	
		For >25 To 50, Add	*180.31*	
		For >50 To 100, Add	*90.15*	
		For >500 To 1,000, Deduct	*-32.00*	
		For >1,000 To 2,000, Deduct	*-48.55*	
		For >2,000 To 5,000, Deduct	*-79.86*	
		For >5,000, Deduct	*-132.37*	
33 01 30 72-0192	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	689.90	
		For Vinlyester Resin, Add	*448.91*	
		For Epoxy Resin, Add	*52.91*	
		For Up To >10, Add	*466.45*	
		For >10 To 25, Add	*281.83*	
		For >25 To 50, Add	*201.16*	
		For >50 To 100, Add	*100.58*	
		For >500 To 1,000, Deduct	*-35.71*	
		For >1,000 To 2,000, Deduct	*-54.17*	
		For >2,000 To 5,000, Deduct	*-89.11*	
		For >5,000, Deduct	*-147.70*	
33 01 30 72-0193	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	872.58	
		For Vinlyester Resin, Add	*569.75*	
		For Epoxy Resin, Add	*67.15*	
		For Up To >10, Add	*582.92*	
		For >10 To 25, Add	*350.11*	
		For >25 To 50, Add	*250.76*	
		For >50 To 100, Add	*125.38*	
		For >500 To 1,000, Deduct	*-45.10*	
		For >1,000 To 2,000, Deduct	*-68.38*	
		For >2,000 To 5,000, Deduct	*-112.33*	
		For >5,000, Deduct	*-186.25*	
33 01 30 72-0194	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	976.61	
		For Vinlyester Resin, Add	*635.45*	
		For Epoxy Resin, Add	*74.89*	
		For Up To >10, Add	*660.36*	
		For >10 To 25, Add	*399.00*	
		For >25 To 50, Add	*284.79*	
		For >50 To 100, Add	*142.39*	
		For >500 To 1,000, Deduct	*-50.55*	
		For >1,000 To 2,000, Deduct	*-76.69*	
		For >2,000 To 5,000, Deduct	*-126.14*	
		For >5,000, Deduct	*-209.09*	
33 01 30 72-0195	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,119.91	
		For Vinlyester Resin, Add	*728.73*	
		For Epoxy Resin, Add	*85.89*	
		For Up To >10, Add	*757.13*	
		For >10 To 25, Add	*457.44*	
		For >25 To 50, Add	*326.51*	
		For >50 To 100, Add	*163.26*	
		For >500 To 1,000, Deduct	*-57.97*	
		For >1,000 To 2,000, Deduct	*-87.94*	
		For >2,000 To 5,000, Deduct	*-144.64*	
		For >5,000, Deduct	*-239.76*	
33 01 30 72-0196	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,263.19	
		For Vinlyester Resin, Add	*822.00*	
		For Epoxy Resin, Add	*96.88*	
		For Up To >10, Add	*853.87*	
		For >10 To 25, Add	*515.85*	
		For >25 To 50, Add	*368.22*	
		For >50 To 100, Add	*184.11*	
		For >500 To 1,000, Deduct	*-65.38*	
		For >1,000 To 2,000, Deduct	*-99.18*	
		For >2,000 To 5,000, Deduct	*-163.14*	
		For >5,000, Deduct	*-270.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0197	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,406.48	
		For Vinlyester Resin, Add	*915.26*	
		For Epoxy Resin, Add	*107.87*	
		For Up To >10, Add	*950.64*	
		For >10 To 25, Add	*574.28*	
		For >25 To 50, Add	*409.94*	
		For >50 To 100, Add	*204.97*	
		For >500 To 1,000, Deduct	*-72.80*	
		For >1,000 To 2,000, Deduct	*-110.43*	
		For >2,000 To 5,000, Deduct	*-181.64*	
		For >5,000, Deduct	*-301.09*	
33 01 30 72-0198	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,555.29	
		For Vinlyester Resin, Add	*1,008.54*	
		For Epoxy Resin, Add	*118.86*	
		For Up To >10, Add	*1,063.95*	
		For >10 To 25, Add	*646.49*	
		For >25 To 50, Add	*459.93*	
		For >50 To 100, Add	*229.97*	
		For >500 To 1,000, Deduct	*-80.63*	
		For >1,000 To 2,000, Deduct	*-122.37*	
		For >2,000 To 5,000, Deduct	*-201.52*	
		For >5,000, Deduct	*-333.96*	
33 01 30 72-0199	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,699.09	
		For Vinlyester Resin, Add	*1,101.81*	
		For Epoxy Resin, Add	*129.86*	
		For Up To >10, Add	*1,162.25*	
		For >10 To 25, Add	*706.20*	
		For >25 To 50, Add	*502.42*	
		For >50 To 100, Add	*251.21*	
		For >500 To 1,000, Deduct	*-88.08*	
		For >1,000 To 2,000, Deduct	*-133.69*	
		For >2,000 To 5,000, Deduct	*-220.15*	
		For >5,000, Deduct	*-364.83*	
33 01 30 72-0200	LF	28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,843.01	
		For Vinlyester Resin, Add	*1,195.08*	
		For Epoxy Resin, Add	*140.85*	
		For Up To >10, Add	*1,260.88*	
		For >10 To 25, Add	*766.19*	
		For >25 To 50, Add	*545.08*	
		For >50 To 100, Add	*272.54*	
		For >500 To 1,000, Deduct	*-95.54*	
		For >1,000 To 2,000, Deduct	*-145.01*	
		For >2,000 To 5,000, Deduct	*-238.81*	
		For >5,000, Deduct	*-395.75*	
33 01 30 72-0201	LF	28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,986.81	
		For Vinlyester Resin, Add	*1,288.35*	
		For Epoxy Resin, Add	*151.84*	
		For Up To >10, Add	*1,359.18*	
		For >10 To 25, Add	*825.90*	
		For >25 To 50, Add	*587.57*	
		For >50 To 100, Add	*293.78*	
		For >500 To 1,000, Deduct	*-103.00*	
		For >1,000 To 2,000, Deduct	*-156.33*	
		For >2,000 To 5,000, Deduct	*-257.44*	
		For >5,000, Deduct	*-426.62*	

33 01 30 72-0202 30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0203	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	573.23	
		For Vinlyester Resin, Add	*373.39*	
		For Epoxy Resin, Add	*44.01*	
		For Up To >10, Add	*386.14*	
		For >10 To 25, Add	*232.88*	
		For >25 To 50, Add	*166.40*	
		For >50 To 100, Add	*83.20*	
		For >500 To 1,000, Deduct	*-29.66*	
		For >1,000 To 2,000, Deduct	*-44.98*	
		For >2,000 To 5,000, Deduct	*-73.96*	
		For >5,000, Deduct	*-122.61*	
33 01 30 72-0204	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	648.63	
		For Vinlyester Resin, Add	*422.49*	
		For Epoxy Resin, Add	*49.79*	
		For Up To >10, Add	*437.02*	
		For >10 To 25, Add	*263.59*	
		For >25 To 50, Add	*188.33*	
		For >50 To 100, Add	*94.17*	
		For >500 To 1,000, Deduct	*-33.56*	
		For >1,000 To 2,000, Deduct	*-50.90*	
		For >2,000 To 5,000, Deduct	*-83.70*	
		For >5,000, Deduct	*-138.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0205	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	724.03	
		For Vinlyester Resin, Add	*471.57*	
		For Epoxy Resin, Add	*55.58*	
		For Up To >10, Add	*487.92*	
		For >10 To 25, Add	*294.32*	
		For >25 To 50, Add	*210.27*	
		For >50 To 100, Add	*105.14*	
		For >500 To 1,000, Deduct	*-37.46*	
		For >1,000 To 2,000, Deduct	*-56.82*	
		For >2,000 To 5,000, Deduct	*-93.43*	
		For >5,000, Deduct	*-154.88*	
33 01 30 72-0206	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	874.71	
		For Vinlyester Resin, Add	*569.75*	
		For Epoxy Resin, Add	*67.15*	
		For Up To >10, Add	*589.31*	
		For >10 To 25, Add	*355.43*	
		For >25 To 50, Add	*253.96*	
		For >50 To 100, Add	*126.98*	
		For >500 To 1,000, Deduct	*-45.26*	
		For >1,000 To 2,000, Deduct	*-68.64*	
		For >2,000 To 5,000, Deduct	*-112.87*	
		For >5,000, Deduct	*-187.10*	
33 01 30 72-0207	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,025.52	
		For Vinlyester Resin, Add	*667.93*	
		For Epoxy Resin, Add	*78.72*	
		For Up To >10, Add	*691.09*	
		For >10 To 25, Add	*416.87*	
		For >25 To 50, Add	*297.83*	
		For >50 To 100, Add	*148.92*	
		For >500 To 1,000, Deduct	*-53.06*	
		For >1,000 To 2,000, Deduct	*-80.48*	
		For >2,000 To 5,000, Deduct	*-132.34*	
		For >5,000, Deduct	*-219.37*	
33 01 30 72-0208	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,176.19	
		For Vinlyester Resin, Add	*766.11*	
		For Epoxy Resin, Add	*90.29*	
		For Up To >10, Add	*792.47*	
		For >10 To 25, Add	*477.99*	
		For >25 To 50, Add	*341.51*	
		For >50 To 100, Add	*170.76*	
		For >500 To 1,000, Deduct	*-60.85*	
		For >1,000 To 2,000, Deduct	*-92.30*	
		For >2,000 To 5,000, Deduct	*-151.77*	
		For >5,000, Deduct	*-251.59*	
33 01 30 72-0209	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,327.00	
		For Vinlyester Resin, Add	*864.29*	
		For Epoxy Resin, Add	*101.86*	
		For Up To >10, Add	*894.25*	
		For >10 To 25, Add	*539.43*	
		For >25 To 50, Add	*385.39*	
		For >50 To 100, Add	*192.70*	
		For >500 To 1,000, Deduct	*-68.66*	
		For >1,000 To 2,000, Deduct	*-104.14*	
		For >2,000 To 5,000, Deduct	*-171.24*	
		For >5,000, Deduct	*-283.86*	
33 01 30 72-0210	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,477.68	
		For Vinlyester Resin, Add	*962.47*	
		For Epoxy Resin, Add	*113.43*	
		For Up To >10, Add	*995.64*	
		For >10 To 25, Add	*600.54*	
		For >25 To 50, Add	*429.07*	
		For >50 To 100, Add	*214.54*	
		For >500 To 1,000, Deduct	*-76.45*	
		For >1,000 To 2,000, Deduct	*-115.96*	
		For >2,000 To 5,000, Deduct	*-190.68*	
		For >5,000, Deduct	*-316.08*	
33 01 30 72-0211	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,634.14	
		For Vinlyester Resin, Add	*1,060.65*	
		For Epoxy Resin, Add	*125.01*	
		For Up To >10, Add	*1,114.37*	
		For >10 To 25, Add	*676.11*	
		For >25 To 50, Add	*481.42*	
		For >50 To 100, Add	*240.71*	
		For >500 To 1,000, Deduct	*-84.68*	
		For >1,000 To 2,000, Deduct	*-128.51*	
		For >2,000 To 5,000, Deduct	*-211.56*	
		For >5,000, Deduct	*-350.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0212	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,785.32	
		For Vinlyester Resin, Add	*1,158.83*	
		For Epoxy Resin, Add	*136.58*	
		For Up To >10, Add	*1,217.29*	
		For >10 To 25, Add	*738.49*	
		For >25 To 50, Add	*525.87*	
		For >50 To 100, Add	*262.93*	
		For >500 To 1,000, Deduct	*-92.51*	
		For >1,000 To 2,000, Deduct	*-140.39*	
		For >2,000 To 5,000, Deduct	*-231.12*	
		For >5,000, Deduct	*-383.03*	
33 01 30 72-0213	LF	30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,936.63	
		For Vinlyester Resin, Add	*1,257.01*	
		For Epoxy Resin, Add	*148.15*	
		For Up To >10, Add	*1,320.57*	
		For >10 To 25, Add	*801.18*	
		For >25 To 50, Add	*570.50*	
		For >50 To 100, Add	*285.25*	
		For >500 To 1,000, Deduct	*-100.35*	
		For >1,000 To 2,000, Deduct	*-152.29*	
		For >2,000 To 5,000, Deduct	*-250.71*	
		For >5,000, Deduct	*-415.51*	
33 01 30 72-0214	LF	30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,087.95	
		For Vinlyester Resin, Add	*1,355.19*	
		For Epoxy Resin, Add	*159.72*	
		For Up To >10, Add	*1,423.88*	
		For >10 To 25, Add	*863.90*	
		For >25 To 50, Add	*615.14*	
		For >50 To 100, Add	*307.57*	
		For >500 To 1,000, Deduct	*-108.20*	
		For >1,000 To 2,000, Deduct	*-164.19*	
		For >2,000 To 5,000, Deduct	*-270.31*	
		For >5,000, Deduct	*-447.98*	
33 01 30 72-0215	LF	30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,239.11	
		For Vinlyester Resin, Add	*1,453.37*	
		For Epoxy Resin, Add	*171.29*	
		For Up To >10, Add	*1,526.73*	
		For >10 To 25, Add	*926.24*	
		For >25 To 50, Add	*659.55*	
		For >50 To 100, Add	*329.78*	
		For >500 To 1,000, Deduct	*-116.03*	
		For >1,000 To 2,000, Deduct	*-176.08*	
		For >2,000 To 5,000, Deduct	*-289.87*	
		For >5,000, Deduct	*-480.40*	
33 01 30 72-0216	LF	30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,390.43	
		For Vinlyester Resin, Add	*1,551.55*	
		For Epoxy Resin, Add	*182.86*	
		For Up To >10, Add	*1,630.04*	
		For >10 To 25, Add	*988.95*	
		For >25 To 50, Add	*704.20*	
		For >50 To 100, Add	*352.10*	
		For >500 To 1,000, Deduct	*-123.87*	
		For >1,000 To 2,000, Deduct	*-187.98*	
		For >2,000 To 5,000, Deduct	*-309.46*	
		For >5,000, Deduct	*-512.87*	

33 01 30 72-0217 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0218	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	599.83	
		For Vinlyester Resin, Add	*391.05*	
		For Epoxy Resin, Add	*46.09*	
		For Up To >10, Add	*402.89*	
		For >10 To 25, Add	*242.64*	
		For >25 To 50, Add	*173.51*	
		For >50 To 100, Add	*86.76*	
		For >500 To 1,000, Deduct	*-31.02*	
		For >1,000 To 2,000, Deduct	*-47.05*	
		For >2,000 To 5,000, Deduct	*-77.33*	
		For >5,000, Deduct	*-128.20*	
33 01 30 72-0219	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	678.87	
		For Vinlyester Resin, Add	*442.60*	
		For Epoxy Resin, Add	*52.16*	
		For Up To >10, Add	*455.91*	
		For >10 To 25, Add	*274.55*	
		For >25 To 50, Add	*196.34*	
		For >50 To 100, Add	*98.17*	
		For >500 To 1,000, Deduct	*-35.11*	
		For >1,000 To 2,000, Deduct	*-53.24*	
		For >2,000 To 5,000, Deduct	*-87.52*	
		For >5,000, Deduct	*-145.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0220	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	757.90	
		For Vinlyester Resin, Add	*494.14*	
		For Epoxy Resin, Add	*58.24*	
		For Up To >10, Add	*508.93*	
		For >10 To 25, Add	*306.45*	
		For >25 To 50, Add	*219.17*	
		For >50 To 100, Add	*109.58*	
		For >500 To 1,000, Deduct	*-39.19*	
		For >1,000 To 2,000, Deduct	*-59.44*	
		For >2,000 To 5,000, Deduct	*-97.71*	
		For >5,000, Deduct	*-161.98*	
33 01 30 72-0221	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	916.10	
		For Vinlyester Resin, Add	*597.23*	
		For Epoxy Resin, Add	*70.39*	
		For Up To >10, Add	*615.35*	
		For >10 To 25, Add	*370.60*	
		For >25 To 50, Add	*265.02*	
		For >50 To 100, Add	*132.51*	
		For >500 To 1,000, Deduct	*-47.38*	
		For >1,000 To 2,000, Deduct	*-71.85*	
		For >2,000 To 5,000, Deduct	*-118.11*	
		For >5,000, Deduct	*-195.80*	
33 01 30 72-0222	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,074.16	
		For Vinlyester Resin, Add	*700.32*	
		For Epoxy Resin, Add	*82.54*	
		For Up To >10, Add	*721.36*	
		For >10 To 25, Add	*434.39*	
		For >25 To 50, Add	*310.66*	
		For >50 To 100, Add	*155.33*	
		For >500 To 1,000, Deduct	*-55.55*	
		For >1,000 To 2,000, Deduct	*-84.25*	
		For >2,000 To 5,000, Deduct	*-138.48*	
		For >5,000, Deduct	*-229.57*	
33 01 30 72-0223	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,232.36	
		For Vinlyester Resin, Add	*803.40*	
		For Epoxy Resin, Add	*94.69*	
		For Up To >10, Add	*827.78*	
		For >10 To 25, Add	*498.53*	
		For >25 To 50, Add	*356.50*	
		For >50 To 100, Add	*178.25*	
		For >500 To 1,000, Deduct	*-63.73*	
		For >1,000 To 2,000, Deduct	*-96.66*	
		For >2,000 To 5,000, Deduct	*-158.89*	
		For >5,000, Deduct	*-263.40*	
33 01 30 72-0224	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,390.44	
		For Vinlyester Resin, Add	*906.49*	
		For Epoxy Resin, Add	*106.84*	
		For Up To >10, Add	*933.85*	
		For >10 To 25, Add	*562.37*	
		For >25 To 50, Add	*402.17*	
		For >50 To 100, Add	*201.09*	
		For >500 To 1,000, Deduct	*-71.91*	
		For >1,000 To 2,000, Deduct	*-109.06*	
		For >2,000 To 5,000, Deduct	*-179.26*	
		For >5,000, Deduct	*-297.18*	
33 01 30 72-0225	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,548.50	
		For Vinlyester Resin, Add	*1,009.58*	
		For Epoxy Resin, Add	*118.99*	
		For Up To >10, Add	*1,039.85*	
		For >10 To 25, Add	*626.17*	
		For >25 To 50, Add	*447.81*	
		For >50 To 100, Add	*223.91*	
		For >500 To 1,000, Deduct	*-80.08*	
		For >1,000 To 2,000, Deduct	*-121.45*	
		For >2,000 To 5,000, Deduct	*-199.63*	
		For >5,000, Deduct	*-330.95*	
33 01 30 72-0226	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,712.60	
		For Vinlyester Resin, Add	*1,112.67*	
		For Epoxy Resin, Add	*131.14*	
		For Up To >10, Add	*1,163.98*	
		For >10 To 25, Add	*705.06*	
		For >25 To 50, Add	*502.51*	
		For >50 To 100, Add	*251.26*	
		For >500 To 1,000, Deduct	*-88.71*	
		For >1,000 To 2,000, Deduct	*-134.60*	
		For >2,000 To 5,000, Deduct	*-221.51*	
		For >5,000, Deduct	*-367.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0227	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,883.28	
		For Vinlyester Resin, Add	*1,224.06*	
		For Epoxy Resin, Add	*144.26*	
		For Up To >10, Add	*1,278.19*	
		For >10 To 25, Add	*773.72*	
		For >25 To 50, Add	*551.66*	
		For >50 To 100, Add	*275.83*	
		For >500 To 1,000, Deduct	*-97.53*	
		For >1,000 To 2,000, Deduct	*-147.98*	
		For >2,000 To 5,000, Deduct	*-243.49*	
		For >5,000, Deduct	*-403.58*	
33 01 30 72-0228	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,029.87	
		For Vinlyester Resin, Add	*1,318.85*	
		For Epoxy Resin, Add	*155.44*	
		For Up To >10, Add	*1,379.44*	
		For >10 To 25, Add	*835.52*	
		For >25 To 50, Add	*595.51*	
		For >50 To 100, Add	*297.76*	
		For >500 To 1,000, Deduct	*-105.14*	
		For >1,000 To 2,000, Deduct	*-159.53*	
		For >2,000 To 5,000, Deduct	*-262.54*	
		For >5,000, Deduct	*-435.13*	
33 01 30 72-0229	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,188.56	
		For Vinlyester Resin, Add	*1,421.94*	
		For Epoxy Resin, Add	*167.59*	
		For Up To >10, Add	*1,487.33*	
		For >10 To 25, Add	*900.89*	
		For >25 To 50, Add	*642.10*	
		For >50 To 100, Add	*321.05*	
		For >500 To 1,000, Deduct	*-113.36*	
		For >1,000 To 2,000, Deduct	*-172.00*	
		For >2,000 To 5,000, Deduct	*-283.07*	
		For >5,000, Deduct	*-469.16*	
33 01 30 72-0230	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,347.14	
		For Vinlyester Resin, Add	*1,525.03*	
		For Epoxy Resin, Add	*179.74*	
		For Up To >10, Add	*1,594.90*	
		For >10 To 25, Add	*965.98*	
		For >25 To 50, Add	*688.52*	
		For >50 To 100, Add	*344.26*	
		For >500 To 1,000, Deduct	*-121.57*	
		For >1,000 To 2,000, Deduct	*-184.46*	
		For >2,000 To 5,000, Deduct	*-303.57*	
		For >5,000, Deduct	*-503.13*	
33 01 30 72-0231	LF	31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,505.83	
		For Vinlyester Resin, Add	*1,628.12*	
		For Epoxy Resin, Add	*191.89*	
		For Up To >10, Add	*1,702.79*	
		For >10 To 25, Add	*1,031.35*	
		For >25 To 50, Add	*735.10*	
		For >50 To 100, Add	*367.55*	
		For >500 To 1,000, Deduct	*-129.79*	
		For >1,000 To 2,000, Deduct	*-196.93*	
		For >2,000 To 5,000, Deduct	*-324.09*	
		For >5,000, Deduct	*-537.16*	

33 01 30 72-0232 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0233	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	626.18	
		For Vinlyester Resin, Add	*408.61*	
		For Epoxy Resin, Add	*48.16*	
		For Up To >10, Add	*419.22*	
		For >10 To 25, Add	*252.06*	
		For >25 To 50, Add	*180.42*	
		For >50 To 100, Add	*90.21*	
		For >500 To 1,000, Deduct	*-32.37*	
		For >1,000 To 2,000, Deduct	*-49.09*	
		For >2,000 To 5,000, Deduct	*-80.66*	
		For >5,000, Deduct	*-133.73*	
33 01 30 72-0234	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	708.96	
		For Vinlyester Resin, Add	*462.60*	
		For Epoxy Resin, Add	*54.52*	
		For Up To >10, Add	*474.73*	
		For >10 To 25, Add	*285.47*	
		For >25 To 50, Add	*204.32*	
		For >50 To 100, Add	*102.16*	
		For >500 To 1,000, Deduct	*-36.65*	
		For >1,000 To 2,000, Deduct	*-55.58*	
		For >2,000 To 5,000, Deduct	*-91.33*	
		For >5,000, Deduct	*-151.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0235	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	791.63	
		For Vinlyester Resin, Add	*516.61*	
		For Epoxy Resin, Add	*60.89*	
		For Up To >10, Add	*529.87*	
		For >10 To 25, Add	*318.55*	
		For >25 To 50, Add	*228.03*	
		For >50 To 100, Add	*114.02*	
		For >500 To 1,000, Deduct	*-40.92*	
		For >1,000 To 2,000, Deduct	*-62.05*	
		For >2,000 To 5,000, Deduct	*-101.97*	
		For >5,000, Deduct	*-169.05*	
33 01 30 72-0236	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	957.21	
		For Vinlyester Resin, Add	*624.60*	
		For Epoxy Resin, Add	*73.61*	
		For Up To >10, Add	*640.91*	
		For >10 To 25, Add	*385.37*	
		For >25 To 50, Add	*275.84*	
		For >50 To 100, Add	*137.92*	
		For >500 To 1,000, Deduct	*-49.48*	
		For >1,000 To 2,000, Deduct	*-75.04*	
		For >2,000 To 5,000, Deduct	*-123.30*	
		For >5,000, Deduct	*-204.43*	
33 01 30 72-0237	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,122.67	
		For Vinlyester Resin, Add	*732.60*	
		For Epoxy Resin, Add	*86.34*	
		For Up To >10, Add	*751.59*	
		For >10 To 25, Add	*451.89*	
		For >25 To 50, Add	*323.46*	
		For >50 To 100, Add	*161.73*	
		For >500 To 1,000, Deduct	*-58.04*	
		For >1,000 To 2,000, Deduct	*-88.01*	
		For >2,000 To 5,000, Deduct	*-144.61*	
		For >5,000, Deduct	*-239.75*	
33 01 30 72-0238	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,288.26	
		For Vinlyester Resin, Add	*840.60*	
		For Epoxy Resin, Add	*99.07*	
		For Up To >10, Add	*862.63*	
		For >10 To 25, Add	*518.72*	
		For >25 To 50, Add	*371.27*	
		For >50 To 100, Add	*185.64*	
		For >500 To 1,000, Deduct	*-66.60*	
		For >1,000 To 2,000, Deduct	*-100.99*	
		For >2,000 To 5,000, Deduct	*-165.95*	
		For >5,000, Deduct	*-275.13*	
33 01 30 72-0239	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,453.72	
		For Vinlyester Resin, Add	*948.60*	
		For Epoxy Resin, Add	*111.80*	
		For Up To >10, Add	*973.31*	
		For >10 To 25, Add	*585.24*	
		For >25 To 50, Add	*418.90*	
		For >50 To 100, Add	*209.45*	
		For >500 To 1,000, Deduct	*-75.15*	
		For >1,000 To 2,000, Deduct	*-113.96*	
		For >2,000 To 5,000, Deduct	*-187.26*	
		For >5,000, Deduct	*-310.46*	
33 01 30 72-0240	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,619.17	
		For Vinlyester Resin, Add	*1,056.59*	
		For Epoxy Resin, Add	*124.53*	
		For Up To >10, Add	*1,083.96*	
		For >10 To 25, Add	*651.73*	
		For >25 To 50, Add	*466.51*	
		For >50 To 100, Add	*233.25*	
		For >500 To 1,000, Deduct	*-83.70*	
		For >1,000 To 2,000, Deduct	*-126.93*	
		For >2,000 To 5,000, Deduct	*-208.57*	
		For >5,000, Deduct	*-345.78*	
33 01 30 72-0241	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,790.79	
		For Vinlyester Resin, Add	*1,164.59*	
		For Epoxy Resin, Add	*137.26*	
		For Up To >10, Add	*1,213.12*	
		For >10 To 25, Add	*733.65*	
		For >25 To 50, Add	*523.38*	
		For >50 To 100, Add	*261.69*	
		For >500 To 1,000, Deduct	*-92.72*	
		For >1,000 To 2,000, Deduct	*-140.66*	
		For >2,000 To 5,000, Deduct	*-231.42*	
		For >5,000, Deduct	*-383.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0242	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,957.25	
		For Vinlyester Resin, Add	*1,272.59*	
		For Epoxy Resin, Add	*149.98*	
		For Up To >10, Add	*1,326.78*	
		For >10 To 25, Add	*802.65*	
		For >25 To 50, Add	*572.49*	
		For >50 To 100, Add	*286.24*	
		For >500 To 1,000, Deduct	*-101.34*	
		For >1,000 To 2,000, Deduct	*-153.76*	
		For >2,000 To 5,000, Deduct	*-252.97*	
		For >5,000, Deduct	*-419.30*	
33 01 30 72-0243	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,122.84	
		For Vinlyester Resin, Add	*1,380.59*	
		For Epoxy Resin, Add	*162.71*	
		For Up To >10, Add	*1,437.85*	
		For >10 To 25, Add	*869.49*	
		For >25 To 50, Add	*620.31*	
		For >50 To 100, Add	*310.15*	
		For >500 To 1,000, Deduct	*-109.91*	
		For >1,000 To 2,000, Deduct	*-166.74*	
		For >2,000 To 5,000, Deduct	*-274.31*	
		For >5,000, Deduct	*-454.68*	
33 01 30 72-0244	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,288.93	
		For Vinlyester Resin, Add	*1,488.59*	
		For Epoxy Resin, Add	*175.44*	
		For Up To >10, Add	*1,550.42*	
		For >10 To 25, Add	*937.59*	
		For >25 To 50, Add	*668.88*	
		For >50 To 100, Add	*334.44*	
		For >500 To 1,000, Deduct	*-118.51*	
		For >1,000 To 2,000, Deduct	*-179.79*	
		For >2,000 To 5,000, Deduct	*-295.78*	
		For >5,000, Deduct	*-490.26*	
33 01 30 72-0245	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,455.01	
		For Vinlyester Resin, Add	*1,596.58*	
		For Epoxy Resin, Add	*188.17*	
		For Up To >10, Add	*1,662.96*	
		For >10 To 25, Add	*1,005.66*	
		For >25 To 50, Add	*717.44*	
		For >50 To 100, Add	*358.72*	
		For >500 To 1,000, Deduct	*-127.11*	
		For >1,000 To 2,000, Deduct	*-192.83*	
		For >2,000 To 5,000, Deduct	*-317.24*	
		For >5,000, Deduct	*-525.84*	
33 01 30 72-0246	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,621.10	
		For Vinlyester Resin, Add	*1,704.58*	
		For Epoxy Resin, Add	*200.90*	
		For Up To >10, Add	*1,775.53*	
		For >10 To 25, Add	*1,073.75*	
		For >25 To 50, Add	*766.01*	
		For >50 To 100, Add	*383.00*	
		For >500 To 1,000, Deduct	*-135.70*	
		For >1,000 To 2,000, Deduct	*-205.88*	
		For >2,000 To 5,000, Deduct	*-338.71*	
		For >5,000, Deduct	*-561.42*	

33 01 30 72-0247 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0248	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	738.55	
		For Vinlyester Resin, Add	*482.52*	
		For Epoxy Resin, Add	*56.87*	
		For Up To >10, Add	*492.35*	
		For >10 To 25, Add	*295.41*	
		For >25 To 50, Add	*211.71*	
		For >50 To 100, Add	*105.85*	
		For >500 To 1,000, Deduct	*-38.16*	
		For >1,000 To 2,000, Deduct	*-57.85*	
		For >2,000 To 5,000, Deduct	*-95.03*	
		For >5,000, Deduct	*-157.56*	
33 01 30 72-0249	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	824.97	
		For Vinlyester Resin, Add	*538.97*	
		For Epoxy Resin, Add	*63.52*	
		For Up To >10, Add	*550.01*	
		For >10 To 25, Add	*330.02*	
		For >25 To 50, Add	*236.51*	
		For >50 To 100, Add	*118.25*	
		For >500 To 1,000, Deduct	*-42.62*	
		For >1,000 To 2,000, Deduct	*-64.62*	
		For >2,000 To 5,000, Deduct	*-106.15*	
		For >5,000, Deduct	*-176.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0250	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	997.82	
		For Vinlyester Resin, Add	*651.88*	
		For Epoxy Resin, Add	*76.83*	
		For Up To >10, Add	*665.31*	
		For >10 To 25, Add	*399.22*	
		For >25 To 50, Add	*286.09*	
		For >50 To 100, Add	*143.05*	
		For >500 To 1,000, Deduct	*-51.56*	
		For >1,000 To 2,000, Deduct	*-78.16*	
		For >2,000 To 5,000, Deduct	*-128.39*	
		For >5,000, Deduct	*-212.88*	
33 01 30 72-0251	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,170.53	
		For Vinlyester Resin, Add	*764.79*	
		For Epoxy Resin, Add	*90.14*	
		For Up To >10, Add	*780.22*	
		For >10 To 25, Add	*468.09*	
		For >25 To 50, Add	*335.48*	
		For >50 To 100, Add	*167.74*	
		For >500 To 1,000, Deduct	*-60.48*	
		For >1,000 To 2,000, Deduct	*-91.69*	
		For >2,000 To 5,000, Deduct	*-150.60*	
		For >5,000, Deduct	*-249.70*	
33 01 30 72-0252	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,343.39	
		For Vinlyester Resin, Add	*877.70*	
		For Epoxy Resin, Add	*103.44*	
		For Up To >10, Add	*895.55*	
		For >10 To 25, Add	*537.31*	
		For >25 To 50, Add	*385.08*	
		For >50 To 100, Add	*192.54*	
		For >500 To 1,000, Deduct	*-69.41*	
		For >1,000 To 2,000, Deduct	*-105.23*	
		For >2,000 To 5,000, Deduct	*-172.85*	
		For >5,000, Deduct	*-286.59*	
33 01 30 72-0253	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,516.11	
		For Vinlyester Resin, Add	*990.61*	
		For Epoxy Resin, Add	*116.75*	
		For Up To >10, Add	*1,010.46*	
		For >10 To 25, Add	*606.19*	
		For >25 To 50, Add	*434.47*	
		For >50 To 100, Add	*217.24*	
		For >500 To 1,000, Deduct	*-78.33*	
		For >1,000 To 2,000, Deduct	*-118.76*	
		For >2,000 To 5,000, Deduct	*-195.06*	
		For >5,000, Deduct	*-323.41*	
33 01 30 72-0254	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,688.96	
		For Vinlyester Resin, Add	*1,103.51*	
		For Epoxy Resin, Add	*130.06*	
		For Up To >10, Add	*1,125.78*	
		For >10 To 25, Add	*675.41*	
		For >25 To 50, Add	*484.07*	
		For >50 To 100, Add	*242.03*	
		For >500 To 1,000, Deduct	*-87.26*	
		For >1,000 To 2,000, Deduct	*-132.30*	
		For >2,000 To 5,000, Deduct	*-217.30*	
		For >5,000, Deduct	*-360.30*	
33 01 30 72-0255	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,867.96	
		For Vinlyester Resin, Add	*1,216.42*	
		For Epoxy Resin, Add	*143.36*	
		For Up To >10, Add	*1,259.53*	
		For >10 To 25, Add	*759.99*	
		For >25 To 50, Add	*542.88*	
		For >50 To 100, Add	*271.44*	
		For >500 To 1,000, Deduct	*-96.65*	
		For >1,000 To 2,000, Deduct	*-146.61*	
		For >2,000 To 5,000, Deduct	*-241.08*	
		For >5,000, Deduct	*-399.64*	
33 01 30 72-0256	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,041.56	
		For Vinlyester Resin, Add	*1,329.32*	
		For Epoxy Resin, Add	*156.67*	
		For Up To >10, Add	*1,377.11*	
		For >10 To 25, Add	*831.08*	
		For >25 To 50, Add	*593.60*	
		For >50 To 100, Add	*296.80*	
		For >500 To 1,000, Deduct	*-105.64*	
		For >1,000 To 2,000, Deduct	*-160.24*	
		For >2,000 To 5,000, Deduct	*-263.52*	
		For >5,000, Deduct	*-436.82*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0257	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,212.66	
		For Vinlyester Resin, Add	*1,442.23*	
		For Epoxy Resin, Add	*169.98*	
		For Up To >10, Add	*1,487.16*	
		For >10 To 25, Add	*895.91*	
		For >25 To 50, Add	*640.56*	
		For >50 To 100, Add	*320.28*	
		For >500 To 1,000, Deduct	*-114.44*	
		For >1,000 To 2,000, Deduct	*-173.57*	
		For >2,000 To 5,000, Deduct	*-285.32*	
		For >5,000, Deduct	*-473.00*	
33 01 30 72-0258	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,388.13	
		For Vinlyester Resin, Add	*1,555.13*	
		For Epoxy Resin, Add	*183.28*	
		For Up To >10, Add	*1,610.34*	
		For >10 To 25, Add	*971.68*	
		For >25 To 50, Add	*694.09*	
		For >50 To 100, Add	*347.04*	
		For >500 To 1,000, Deduct	*-123.57*	
		For >1,000 To 2,000, Deduct	*-187.44*	
		For >2,000 To 5,000, Deduct	*-308.22*	
		For >5,000, Deduct	*-510.93*	
33 01 30 72-0259	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,561.49	
		For Vinlyester Resin, Add	*1,668.04*	
		For Epoxy Resin, Add	*196.59*	
		For Up To >10, Add	*1,727.17*	
		For >10 To 25, Add	*1,042.16*	
		For >25 To 50, Add	*744.44*	
		For >50 To 100, Add	*372.22*	
		For >500 To 1,000, Deduct	*-132.54*	
		For >1,000 To 2,000, Deduct	*-201.04*	
		For >2,000 To 5,000, Deduct	*-330.59*	
		For >5,000, Deduct	*-548.01*	
33 01 30 72-0260	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,734.84	
		For Vinlyester Resin, Add	*1,780.95*	
		For Epoxy Resin, Add	*209.90*	
		For Up To >10, Add	*1,844.00*	
		For >10 To 25, Add	*1,112.63*	
		For >25 To 50, Add	*794.79*	
		For >50 To 100, Add	*397.39*	
		For >500 To 1,000, Deduct	*-141.51*	
		For >1,000 To 2,000, Deduct	*-214.64*	
		For >2,000 To 5,000, Deduct	*-352.96*	
		For >5,000, Deduct	*-585.09*	

33 01 30 72-0261 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0262	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	767.99	
		For Vinlyester Resin, Add	*502.34*	
		For Epoxy Resin, Add	*59.20*	
		For Up To >10, Add	*509.90*	
		For >10 To 25, Add	*305.31*	
		For >25 To 50, Add	*219.07*	
		For >50 To 100, Add	*109.53*	
		For >500 To 1,000, Deduct	*-39.66*	
		For >1,000 To 2,000, Deduct	*-60.12*	
		For >2,000 To 5,000, Deduct	*-98.71*	
		For >5,000, Deduct	*-163.67*	
33 01 30 72-0263	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	858.04	
		For Vinlyester Resin, Add	*561.25*	
		For Epoxy Resin, Add	*66.15*	
		For Up To >10, Add	*569.67*	
		For >10 To 25, Add	*341.10*	
		For >25 To 50, Add	*244.75*	
		For >50 To 100, Add	*122.37*	
		For >500 To 1,000, Deduct	*-44.31*	
		For >1,000 To 2,000, Deduct	*-67.17*	
		For >2,000 To 5,000, Deduct	*-110.28*	
		For >5,000, Deduct	*-182.86*	
33 01 30 72-0264	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,038.15	
		For Vinlyester Resin, Add	*679.06*	
		For Epoxy Resin, Add	*80.03*	
		For Up To >10, Add	*689.23*	
		For >10 To 25, Add	*412.67*	
		For >25 To 50, Add	*296.11*	
		For >50 To 100, Add	*148.05*	
		For >500 To 1,000, Deduct	*-53.61*	
		For >1,000 To 2,000, Deduct	*-81.26*	
		For >2,000 To 5,000, Deduct	*-133.43*	
		For >5,000, Deduct	*-221.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0265	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,218.27	
		For Vinlyester Resin, Add	*796.88*	
		For Epoxy Resin, Add	*93.92*	
		For Up To >10, Add	*808.81*	
		For >10 To 25, Add	*484.28*	
		For >25 To 50, Add	*347.49*	
		For >50 To 100, Add	*173.74*	
		For >500 To 1,000, Deduct	*-62.91*	
		For >1,000 To 2,000, Deduct	*-95.36*	
		For >2,000 To 5,000, Deduct	*-156.58*	
		For >5,000, Deduct	*-259.63*	
33 01 30 72-0266	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,398.26	
		For Vinlyester Resin, Add	*914.70*	
		For Epoxy Resin, Add	*107.80*	
		For Up To >10, Add	*928.01*	
		For >10 To 25, Add	*555.55*	
		For >25 To 50, Add	*398.67*	
		For >50 To 100, Add	*199.33*	
		For >500 To 1,000, Deduct	*-72.20*	
		For >1,000 To 2,000, Deduct	*-109.45*	
		For >2,000 To 5,000, Deduct	*-179.69*	
		For >5,000, Deduct	*-297.96*	
33 01 30 72-0267	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,578.38	
		For Vinlyester Resin, Add	*1,032.51*	
		For Epoxy Resin, Add	*121.69*	
		For Up To >10, Add	*1,047.59*	
		For >10 To 25, Add	*627.16*	
		For >25 To 50, Add	*450.04*	
		For >50 To 100, Add	*225.02*	
		For >500 To 1,000, Deduct	*-81.50*	
		For >1,000 To 2,000, Deduct	*-123.55*	
		For >2,000 To 5,000, Deduct	*-202.84*	
		For >5,000, Deduct	*-336.35*	
33 01 30 72-0268	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,758.49	
		For Vinlyester Resin, Add	*1,150.33*	
		For Epoxy Resin, Add	*135.57*	
		For Up To >10, Add	*1,167.15*	
		For >10 To 25, Add	*698.73*	
		For >25 To 50, Add	*501.41*	
		For >50 To 100, Add	*250.70*	
		For >500 To 1,000, Deduct	*-90.80*	
		For >1,000 To 2,000, Deduct	*-137.64*	
		For >2,000 To 5,000, Deduct	*-225.99*	
		For >5,000, Deduct	*-374.73*	
33 01 30 72-0269	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,944.99	
		For Vinlyester Resin, Add	*1,268.14*	
		For Epoxy Resin, Add	*149.46*	
		For Up To >10, Add	*1,305.90*	
		For >10 To 25, Add	*786.31*	
		For >25 To 50, Add	*562.37*	
		For >50 To 100, Add	*281.18*	
		For >500 To 1,000, Deduct	*-100.58*	
		For >1,000 To 2,000, Deduct	*-152.54*	
		For >2,000 To 5,000, Deduct	*-250.74*	
		For >5,000, Deduct	*-415.67*	
33 01 30 72-0270	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,125.74	
		For Vinlyester Resin, Add	*1,385.96*	
		For Epoxy Resin, Add	*163.35*	
		For Up To >10, Add	*1,427.37*	
		For >10 To 25, Add	*859.49*	
		For >25 To 50, Add	*614.69*	
		For >50 To 100, Add	*307.34*	
		For >500 To 1,000, Deduct	*-109.93*	
		For >1,000 To 2,000, Deduct	*-166.72*	
		For >2,000 To 5,000, Deduct	*-274.04*	
		For >5,000, Deduct	*-454.31*	
33 01 30 72-0271	LF	36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,302.21	
		For Vinlyester Resin, Add	*1,503.78*	
		For Epoxy Resin, Add	*177.23*	
		For Up To >10, Add	*1,536.01*	
		For >10 To 25, Add	*921.96*	
		For >25 To 50, Add	*660.59*	
		For >50 To 100, Add	*330.30*	
		For >500 To 1,000, Deduct	*-118.96*	
		For >1,000 To 2,000, Deduct	*-180.36*	
		For >2,000 To 5,000, Deduct	*-296.28*	
		For >5,000, Deduct	*-491.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0272	LF	36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,487.10	
		For Vinlyester Resin, Add	*1,621.59*	
		For Epoxy Resin, Add	*191.12*	
		For Up To >10, Add	*1,669.90*	
		For >10 To 25, Add	*1,005.49*	
		For >25 To 50, Add	*719.12*	
		For >50 To 100, Add	*359.56*	
		For >500 To 1,000, Deduct	*-128.62*	
		For >1,000 To 2,000, Deduct	*-195.06*	
		For >2,000 To 5,000, Deduct	*-320.62*	
		For >5,000, Deduct	*-531.53*	
33 01 30 72-0273	LF	36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,667.84	
		For Vinlyester Resin, Add	*1,739.41*	
		For Epoxy Resin, Add	*205.00*	
		For Up To >10, Add	*1,791.35*	
		For >10 To 25, Add	*1,078.64*	
		For >25 To 50, Add	*771.43*	
		For >50 To 100, Add	*385.71*	
		For >500 To 1,000, Deduct	*-137.97*	
		For >1,000 To 2,000, Deduct	*-209.24*	
		For >2,000 To 5,000, Deduct	*-343.93*	
		For >5,000, Deduct	*-570.16*	
33 01 30 72-0274	LF	36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,848.57	
		For Vinlyester Resin, Add	*1,857.22*	
		For Epoxy Resin, Add	*218.89*	
		For Up To >10, Add	*1,912.79*	
		For >10 To 25, Add	*1,151.79*	
		For >25 To 50, Add	*823.73*	
		For >50 To 100, Add	*411.87*	
		For >500 To 1,000, Deduct	*-147.31*	
		For >1,000 To 2,000, Deduct	*-223.41*	
		For >2,000 To 5,000, Deduct	*-367.23*	
		For >5,000, Deduct	*-608.79*	
33 01 30 72-0275	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,029.19	
		For Vinlyester Resin, Add	*1,975.04*	
		For Epoxy Resin, Add	*232.77*	
		For Up To >10, Add	*2,033.87*	
		For >10 To 25, Add	*1,224.65*	
		For >25 To 50, Add	*875.86*	
		For >50 To 100, Add	*437.93*	
		For >500 To 1,000, Deduct	*-156.65*	
		For >1,000 To 2,000, Deduct	*-237.57*	
		For >2,000 To 5,000, Deduct	*-390.51*	
		For >5,000, Deduct	*-647.38*	
33 01 30 72-0276	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,209.93	
		For Vinlyester Resin, Add	*2,092.85*	
		For Epoxy Resin, Add	*246.66*	
		For Up To >10, Add	*2,155.32*	
		For >10 To 25, Add	*1,297.80*	
		For >25 To 50, Add	*928.17*	
		For >50 To 100, Add	*464.08*	
		For >500 To 1,000, Deduct	*-166.00*	
		For >1,000 To 2,000, Deduct	*-251.75*	
		For >2,000 To 5,000, Deduct	*-413.81*	
		For >5,000, Deduct	*-686.01*	

33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0278	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	890.85	
		For Vinlyester Resin, Add	*583.42*	
		For Epoxy Resin, Add	*68.76*	
		For Up To >10, Add	*588.90*	
		For >10 To 25, Add	*351.84*	
		For >25 To 50, Add	*252.78*	
		For >50 To 100, Add	*126.39*	
		For >500 To 1,000, Deduct	*-45.98*	
		For >1,000 To 2,000, Deduct	*-69.68*	
		For >2,000 To 5,000, Deduct	*-114.36*	
		For >5,000, Deduct	*-189.65*	
33 01 30 72-0279	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,078.23	
		For Vinlyester Resin, Add	*706.15*	
		For Epoxy Resin, Add	*83.23*	
		For Up To >10, Add	*712.72*	
		For >10 To 25, Add	*425.80*	
		For >25 To 50, Add	*305.92*	
		For >50 To 100, Add	*152.96*	
		For >500 To 1,000, Deduct	*-55.65*	
		For >1,000 To 2,000, Deduct	*-84.34*	
		For >2,000 To 5,000, Deduct	*-138.41*	
		For >5,000, Deduct	*-229.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0280	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,265.61	
		For Vinlyester Resin, Add	*828.88*	
		For Epoxy Resin, Add	*97.69*	
		For Up To >10, Add	*836.56*	
		For >10 To 25, Add	*499.78*	
		For >25 To 50, Add	*359.07*	
		For >50 To 100, Add	*179.54*	
		For >500 To 1,000, Deduct	*-65.32*	
		For >1,000 To 2,000, Deduct	*-99.00*	
		For >2,000 To 5,000, Deduct	*-162.47*	
		For >5,000, Deduct	*-269.42*	
33 01 30 72-0281	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,452.99	
		For Vinlyester Resin, Add	*951.60*	
		For Epoxy Resin, Add	*112.15*	
		For Up To >10, Add	*960.40*	
		For >10 To 25, Add	*573.76*	
		For >25 To 50, Add	*412.23*	
		For >50 To 100, Add	*206.11*	
		For >500 To 1,000, Deduct	*-74.99*	
		For >1,000 To 2,000, Deduct	*-113.65*	
		For >2,000 To 5,000, Deduct	*-186.52*	
		For >5,000, Deduct	*-309.31*	
33 01 30 72-0282	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,640.37	
		For Vinlyester Resin, Add	*1,074.33*	
		For Epoxy Resin, Add	*126.62*	
		For Up To >10, Add	*1,084.24*	
		For >10 To 25, Add	*647.74*	
		For >25 To 50, Add	*465.38*	
		For >50 To 100, Add	*232.69*	
		For >500 To 1,000, Deduct	*-84.66*	
		For >1,000 To 2,000, Deduct	*-128.31*	
		For >2,000 To 5,000, Deduct	*-210.58*	
		For >5,000, Deduct	*-349.20*	
33 01 30 72-0283	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,827.74	
		For Vinlyester Resin, Add	*1,197.05*	
		For Epoxy Resin, Add	*141.08*	
		For Up To >10, Add	*1,208.05*	
		For >10 To 25, Add	*721.69*	
		For >25 To 50, Add	*518.52*	
		For >50 To 100, Add	*259.26*	
		For >500 To 1,000, Deduct	*-94.33*	
		For >1,000 To 2,000, Deduct	*-142.96*	
		For >2,000 To 5,000, Deduct	*-234.63*	
		For >5,000, Deduct	*-389.08*	
33 01 30 72-0284	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,021.65	
		For Vinlyester Resin, Add	*1,319.77*	
		For Epoxy Resin, Add	*155.54*	
		For Up To >10, Add	*1,351.48*	
		For >10 To 25, Add	*812.00*	
		For >25 To 50, Add	*581.47*	
		For >50 To 100, Add	*290.73*	
		For >500 To 1,000, Deduct	*-104.49*	
		For >1,000 To 2,000, Deduct	*-158.44*	
		For >2,000 To 5,000, Deduct	*-260.31*	
		For >5,000, Deduct	*-431.58*	
33 01 30 72-0285	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,209.65	
		For Vinlyester Resin, Add	*1,442.50*	
		For Epoxy Resin, Add	*170.01*	
		For Up To >10, Add	*1,477.18*	
		For >10 To 25, Add	*887.53*	
		For >25 To 50, Add	*635.55*	
		For >50 To 100, Add	*317.78*	
		For >500 To 1,000, Deduct	*-114.21*	
		For >1,000 To 2,000, Deduct	*-173.17*	
		For >2,000 To 5,000, Deduct	*-284.52*	
		For >5,000, Deduct	*-471.72*	
33 01 30 72-0286	LF	37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,395.51	
		For Vinlyester Resin, Add	*1,565.22*	
		For Epoxy Resin, Add	*184.47*	
		For Up To >10, Add	*1,596.46*	
		For >10 To 25, Add	*957.71*	
		For >25 To 50, Add	*686.43*	
		For >50 To 100, Add	*343.21*	
		For >500 To 1,000, Deduct	*-123.76*	
		For >1,000 To 2,000, Deduct	*-187.64*	
		For >2,000 To 5,000, Deduct	*-308.19*	
		For >5,000, Deduct	*-511.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0287	LF	37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,585.66	
		For Vinlyester Resin, Add	*1,687.95*	
		For Epoxy Resin, Add	*198.94*	
		For Up To >10, Add	*1,728.58*	
		For >10 To 25, Add	*1,038.59*	
		For >25 To 50, Add	*743.72*	
		For >50 To 100, Add	*371.86*	
		For >500 To 1,000, Deduct	*-133.64*	
		For >1,000 To 2,000, Deduct	*-202.64*	
		For >2,000 To 5,000, Deduct	*-332.94*	
		For >5,000, Deduct	*-551.99*	
33 01 30 72-0288	LF	37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,773.67	
		For Vinlyester Resin, Add	*1,810.68*	
		For Epoxy Resin, Add	*213.40*	
		For Up To >10, Add	*1,854.31*	
		For >10 To 25, Add	*1,114.15*	
		For >25 To 50, Add	*797.82*	
		For >50 To 100, Add	*398.91*	
		For >500 To 1,000, Deduct	*-143.36*	
		For >1,000 To 2,000, Deduct	*-217.37*	
		For >2,000 To 5,000, Deduct	*-357.15*	
		For >5,000, Deduct	*-592.13*	
33 01 30 72-0289	LF	37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,961.55	
		For Vinlyester Resin, Add	*1,933.40*	
		For Epoxy Resin, Add	*227.87*	
		For Up To >10, Add	*1,979.65*	
		For >10 To 25, Add	*1,189.38*	
		For >25 To 50, Add	*851.73*	
		For >50 To 100, Add	*425.86*	
		For >500 To 1,000, Deduct	*-153.07*	
		For >1,000 To 2,000, Deduct	*-232.09*	
		For >2,000 To 5,000, Deduct	*-381.33*	
		For >5,000, Deduct	*-632.22*	
33 01 30 72-0290	LF	37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,149.55	
		For Vinlyester Resin, Add	*2,056.12*	
		For Epoxy Resin, Add	*242.33*	
		For Up To >10, Add	*2,105.35*	
		For >10 To 25, Add	*1,264.91*	
		For >25 To 50, Add	*905.81*	
		For >50 To 100, Add	*452.90*	
		For >500 To 1,000, Deduct	*-162.78*	
		For >1,000 To 2,000, Deduct	*-246.83*	
		For >2,000 To 5,000, Deduct	*-405.54*	
		For >5,000, Deduct	*-672.36*	
33 01 30 72-0291	LF	37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,337.55	
		For Vinlyester Resin, Add	*2,178.85*	
		For Epoxy Resin, Add	*256.79*	
		For Up To >10, Add	*2,231.05*	
		For >10 To 25, Add	*1,340.44*	
		For >25 To 50, Add	*959.89*	
		For >50 To 100, Add	*479.95*	
		For >500 To 1,000, Deduct	*-172.50*	
		For >1,000 To 2,000, Deduct	*-261.56*	
		For >2,000 To 5,000, Deduct	*-429.74*	
		For >5,000, Deduct	*-712.49*	

33 01 30 72-0292 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0293	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,118.17	
		For Vinlyester Resin, Add	*733.14*	
		For Epoxy Resin, Add	*86.41*	
		For Up To >10, Add	*736.16*	
		For >10 To 25, Add	*438.91*	
		For >25 To 50, Add	*315.71*	
		For >50 To 100, Add	*157.86*	
		For >500 To 1,000, Deduct	*-57.68*	
		For >1,000 To 2,000, Deduct	*-87.40*	
		For >2,000 To 5,000, Deduct	*-143.39*	
		For >5,000, Deduct	*-237.80*	
33 01 30 72-0294	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,312.82	
		For Vinlyester Resin, Add	*860.78*	
		For Epoxy Resin, Add	*101.45*	
		For Up To >10, Add	*864.26*	
		For >10 To 25, Add	*515.27*	
		For >25 To 50, Add	*370.65*	
		For >50 To 100, Add	*185.32*	
		For >500 To 1,000, Deduct	*-67.72*	
		For >1,000 To 2,000, Deduct	*-102.62*	
		For >2,000 To 5,000, Deduct	*-168.35*	
		For >5,000, Deduct	*-279.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0295	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,507.46	
		For Vinlyester Resin, Add	*988.41*	
		For Epoxy Resin, Add	*116.49*	
		For Up To >10, Add	*992.36*	
		For >10 To 25, Add	*591.63*	
		For >25 To 50, Add	*425.58*	
		For >50 To 100, Add	*212.79*	
		For >500 To 1,000, Deduct	*-77.76*	
		For >1,000 To 2,000, Deduct	*-117.83*	
		For >2,000 To 5,000, Deduct	*-193.30*	
		For >5,000, Deduct	*-320.58*	
33 01 30 72-0296	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,702.08	
		For Vinlyester Resin, Add	*1,116.04*	
		For Epoxy Resin, Add	*131.53*	
		For Up To >10, Add	*1,120.39*	
		For >10 To 25, Add	*667.94*	
		For >25 To 50, Add	*480.48*	
		For >50 To 100, Add	*240.24*	
		For >500 To 1,000, Deduct	*-87.80*	
		For >1,000 To 2,000, Deduct	*-133.04*	
		For >2,000 To 5,000, Deduct	*-218.26*	
		For >5,000, Deduct	*-361.96*	
33 01 30 72-0297	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,896.86	
		For Vinlyester Resin, Add	*1,243.68*	
		For Epoxy Resin, Add	*146.58*	
		For Up To >10, Add	*1,248.88*	
		For >10 To 25, Add	*744.62*	
		For >25 To 50, Add	*535.61*	
		For >50 To 100, Add	*267.80*	
		For >500 To 1,000, Deduct	*-97.85*	
		For >1,000 To 2,000, Deduct	*-148.27*	
		For >2,000 To 5,000, Deduct	*-243.25*	
		For >5,000, Deduct	*-403.41*	
33 01 30 72-0298	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,098.04	
		For Vinlyester Resin, Add	*1,371.31*	
		For Epoxy Resin, Add	*161.62*	
		For Up To >10, Add	*1,396.57*	
		For >10 To 25, Add	*837.31*	
		For >25 To 50, Add	*600.33*	
		For >50 To 100, Add	*300.17*	
		For >500 To 1,000, Deduct	*-108.38*	
		For >1,000 To 2,000, Deduct	*-164.30*	
		For >2,000 To 5,000, Deduct	*-269.84*	
		For >5,000, Deduct	*-447.41*	
33 01 30 72-0299	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,293.31	
		For Vinlyester Resin, Add	*1,498.95*	
		For Epoxy Resin, Add	*176.66*	
		For Up To >10, Add	*1,526.56*	
		For >10 To 25, Add	*915.24*	
		For >25 To 50, Add	*656.21*	
		For >50 To 100, Add	*328.11*	
		For >500 To 1,000, Deduct	*-118.46*	
		For >1,000 To 2,000, Deduct	*-179.60*	
		For >2,000 To 5,000, Deduct	*-294.95*	
		For >5,000, Deduct	*-489.05*	
33 01 30 72-0300	LF	39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,488.57	
		For Vinlyester Resin, Add	*1,626.58*	
		For Epoxy Resin, Add	*191.70*	
		For Up To >10, Add	*1,656.51*	
		For >10 To 25, Add	*993.15*	
		For >25 To 50, Add	*712.07*	
		For >50 To 100, Add	*356.04*	
		For >500 To 1,000, Deduct	*-128.55*	
		For >1,000 To 2,000, Deduct	*-194.89*	
		For >2,000 To 5,000, Deduct	*-320.06*	
		For >5,000, Deduct	*-530.69*	
33 01 30 72-0301	LF	39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,683.97	
		For Vinlyester Resin, Add	*1,754.21*	
		For Epoxy Resin, Add	*206.75*	
		For Up To >10, Add	*1,786.86*	
		For >10 To 25, Add	*1,071.38*	
		For >25 To 50, Add	*768.13*	
		For >50 To 100, Add	*384.06*	
		For >500 To 1,000, Deduct	*-138.65*	
		For >1,000 To 2,000, Deduct	*-210.20*	
		For >2,000 To 5,000, Deduct	*-345.21*	
		For >5,000, Deduct	*-572.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0302	LF	39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,879.23	
		For Vinlyester Resin, Add	*1,881.85*	
		For Epoxy Resin, Add	*221.79*	
		For Up To >10, Add	*1,916.82*	
		For >10 To 25, Add	*1,149.29*	
		For >25 To 50, Add	*823.99*	
		For >50 To 100, Add	*412.00*	
		For >500 To 1,000, Deduct	*-148.73*	
		For >1,000 To 2,000, Deduct	*-225.49*	
		For >2,000 To 5,000, Deduct	*-370.32*	
		For >5,000, Deduct	*-614.02*	
33 01 30 72-0303	LF	39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,074.50	
		For Vinlyester Resin, Add	*2,009.48*	
		For Epoxy Resin, Add	*236.83*	
		For Up To >10, Add	*2,046.80*	
		For >10 To 25, Add	*1,227.22*	
		For >25 To 50, Add	*879.87*	
		For >50 To 100, Add	*439.93*	
		For >500 To 1,000, Deduct	*-158.82*	
		For >1,000 To 2,000, Deduct	*-240.78*	
		For >2,000 To 5,000, Deduct	*-395.44*	
		For >5,000, Deduct	*-655.66*	
33 01 30 72-0304	LF	39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,269.77	
		For Vinlyester Resin, Add	*2,137.11*	
		For Epoxy Resin, Add	*251.87*	
		For Up To >10, Add	*2,176.76*	
		For >10 To 25, Add	*1,305.13*	
		For >25 To 50, Add	*935.73*	
		For >50 To 100, Add	*467.86*	
		For >500 To 1,000, Deduct	*-168.91*	
		For >1,000 To 2,000, Deduct	*-256.07*	
		For >2,000 To 5,000, Deduct	*-420.55*	
		For >5,000, Deduct	*-697.30*	
33 01 30 72-0305	LF	39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,465.03	
		For Vinlyester Resin, Add	*2,264.75*	
		For Epoxy Resin, Add	*266.92*	
		For Up To >10, Add	*2,306.72*	
		For >10 To 25, Add	*1,383.04*	
		For >25 To 50, Add	*991.59*	
		For >50 To 100, Add	*495.80*	
		For >500 To 1,000, Deduct	*-178.99*	
		For >1,000 To 2,000, Deduct	*-271.36*	
		For >2,000 To 5,000, Deduct	*-445.66*	
		For >5,000, Deduct	*-738.94*	
33 01 30 72-0306	LF	39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,660.31	
		For Vinlyester Resin, Add	*2,392.38*	
		For Epoxy Resin, Add	*281.96*	
		For Up To >10, Add	*2,436.71*	
		For >10 To 25, Add	*1,460.97*	
		For >25 To 50, Add	*1,047.47*	
		For >50 To 100, Add	*523.73*	
		For >500 To 1,000, Deduct	*-189.08*	
		For >1,000 To 2,000, Deduct	*-286.65*	
		For >2,000 To 5,000, Deduct	*-470.78*	
		For >5,000, Deduct	*-780.59*	
33 01 30 72-0307	LF	39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,855.57	
		For Vinlyester Resin, Add	*2,520.01*	
		For Epoxy Resin, Add	*297.00*	
		For Up To >10, Add	*2,566.66*	
		For >10 To 25, Add	*1,538.88*	
		For >25 To 50, Add	*1,103.33*	
		For >50 To 100, Add	*551.66*	
		For >500 To 1,000, Deduct	*-199.17*	
		For >1,000 To 2,000, Deduct	*-301.95*	
		For >2,000 To 5,000, Deduct	*-495.89*	
		For >5,000, Deduct	*-822.22*	

33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0309	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,359.75	
		For Vinlyester Resin, Add	*892.58*	
		For Epoxy Resin, Add	*105.20*	
		For Up To >10, Add	*891.48*	
		For >10 To 25, Add	*530.38*	
		For >25 To 50, Add	*381.98*	
		For >50 To 100, Add	*190.99*	
		For >500 To 1,000, Deduct	*-70.10*	
		For >1,000 To 2,000, Deduct	*-106.21*	
		For >2,000 To 5,000, Deduct	*-174.17*	
		For >5,000, Deduct	*-288.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0310	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,561.66	
		For Vinlyester Resin, Add	*1,025.12*	
		For Epoxy Resin, Add	*120.82*	
		For Up To >10, Add	*1,023.83*	
		For >10 To 25, Add	*609.12*	
		For >25 To 50, Add	*438.69*	
		For >50 To 100, Add	*219.35*	
		For >500 To 1,000, Deduct	*-80.51*	
		For >1,000 To 2,000, Deduct	*-121.98*	
		For >2,000 To 5,000, Deduct	*-200.04*	
		For >5,000, Deduct	*-331.77*	
33 01 30 72-0311	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,763.55	
		For Vinlyester Resin, Add	*1,157.66*	
		For Epoxy Resin, Add	*136.44*	
		For Up To >10, Add	*1,156.15*	
		For >10 To 25, Add	*687.83*	
		For >25 To 50, Add	*495.39*	
		For >50 To 100, Add	*247.69*	
		For >500 To 1,000, Deduct	*-90.92*	
		For >1,000 To 2,000, Deduct	*-137.75*	
		For >2,000 To 5,000, Deduct	*-225.89*	
		For >5,000, Deduct	*-374.66*	
33 01 30 72-0312	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,965.46	
		For Vinlyester Resin, Add	*1,290.21*	
		For Epoxy Resin, Add	*152.06*	
		For Up To >10, Add	*1,288.51*	
		For >10 To 25, Add	*766.56*	
		For >25 To 50, Add	*552.10*	
		For >50 To 100, Add	*276.05*	
		For >500 To 1,000, Deduct	*-101.33*	
		For >1,000 To 2,000, Deduct	*-153.53*	
		For >2,000 To 5,000, Deduct	*-251.76*	
		For >5,000, Deduct	*-417.55*	
33 01 30 72-0313	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,174.15	
		For Vinlyester Resin, Add	*1,422.75*	
		For Epoxy Resin, Add	*167.68*	
		For Up To >10, Add	*1,441.20*	
		For >10 To 25, Add	*862.25*	
		For >25 To 50, Add	*618.98*	
		For >50 To 100, Add	*309.49*	
		For >500 To 1,000, Deduct	*-112.25*	
		For >1,000 To 2,000, Deduct	*-170.14*	
		For >2,000 To 5,000, Deduct	*-279.31*	
		For >5,000, Deduct	*-463.16*	
33 01 30 72-0314	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,376.68	
		For Vinlyester Resin, Add	*1,555.29*	
		For Epoxy Resin, Add	*183.30*	
		For Up To >10, Add	*1,575.44*	
		For >10 To 25, Add	*942.56*	
		For >25 To 50, Add	*676.63*	
		For >50 To 100, Add	*338.31*	
		For >500 To 1,000, Deduct	*-122.71*	
		For >1,000 To 2,000, Deduct	*-185.99*	
		For >2,000 To 5,000, Deduct	*-305.33*	
		For >5,000, Deduct	*-506.30*	
33 01 30 72-0315	LF	40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,579.22	
		For Vinlyester Resin, Add	*1,687.83*	
		For Epoxy Resin, Add	*198.92*	
		For Up To >10, Add	*1,709.69*	
		For >10 To 25, Add	*1,022.87*	
		For >25 To 50, Add	*734.28*	
		For >50 To 100, Add	*367.14*	
		For >500 To 1,000, Deduct	*-133.16*	
		For >1,000 To 2,000, Deduct	*-201.84*	
		For >2,000 To 5,000, Deduct	*-331.35*	
		For >5,000, Deduct	*-549.45*	
33 01 30 72-0316	LF	40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,781.75	
		For Vinlyester Resin, Add	*1,820.38*	
		For Epoxy Resin, Add	*214.54*	
		For Up To >10, Add	*1,843.90*	
		For >10 To 25, Add	*1,103.16*	
		For >25 To 50, Add	*791.92*	
		For >50 To 100, Add	*395.96*	
		For >500 To 1,000, Deduct	*-143.62*	
		For >1,000 To 2,000, Deduct	*-217.69*	
		For >2,000 To 5,000, Deduct	*-357.37*	
		For >5,000, Deduct	*-592.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0317	LF	40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,984.28	
		For Vinlyester Resin, Add	*1,952.92*	
		For Epoxy Resin, Add	*230.17*	
		For Up To >10, Add	*1,978.14*	
		For >10 To 25, Add	*1,183.47*	
		For >25 To 50, Add	*849.58*	
		For >50 To 100, Add	*424.79*	
		For >500 To 1,000, Deduct	*-154.07*	
		For >1,000 To 2,000, Deduct	*-233.54*	
		For >2,000 To 5,000, Deduct	*-383.39*	
		For >5,000, Deduct	*-635.74*	
33 01 30 72-0318	LF	40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,186.82	
		For Vinlyester Resin, Add	*2,085.46*	
		For Epoxy Resin, Add	*245.79*	
		For Up To >10, Add	*2,112.39*	
		For >10 To 25, Add	*1,263.78*	
		For >25 To 50, Add	*907.23*	
		For >50 To 100, Add	*453.62*	
		For >500 To 1,000, Deduct	*-164.53*	
		For >1,000 To 2,000, Deduct	*-249.39*	
		For >2,000 To 5,000, Deduct	*-409.41*	
		For >5,000, Deduct	*-678.88*	
33 01 30 72-0319	LF	40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,389.35	
		For Vinlyester Resin, Add	*2,216.01*	
		For Epoxy Resin, Add	*261.41*	
		For Up To >10, Add	*2,246.60*	
		For >10 To 25, Add	*1,344.07*	
		For >25 To 50, Add	*964.87*	
		For >50 To 100, Add	*482.44*	
		For >500 To 1,000, Deduct	*-174.99*	
		For >1,000 To 2,000, Deduct	*-265.24*	
		For >2,000 To 5,000, Deduct	*-435.42*	
		For >5,000, Deduct	*-722.02*	
33 01 30 72-0320	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,591.87	
		For Vinlyester Resin, Add	*2,350.54*	
		For Epoxy Resin, Add	*277.03*	
		For Up To >10, Add	*2,380.81*	
		For >10 To 25, Add	*1,424.36*	
		For >25 To 50, Add	*1,022.51*	
		For >50 To 100, Add	*511.25*	
		For >500 To 1,000, Deduct	*-185.44*	
		For >1,000 To 2,000, Deduct	*-281.09*	
		For >2,000 To 5,000, Deduct	*-461.44*	
		For >5,000, Deduct	*-765.16*	
33 01 30 72-0321	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,794.41	
		For Vinlyester Resin, Add	*2,483.09*	
		For Epoxy Resin, Add	*292.65*	
		For Up To >10, Add	*2,515.06*	
		For >10 To 25, Add	*1,504.67*	
		For >25 To 50, Add	*1,080.16*	
		For >50 To 100, Add	*540.08*	
		For >500 To 1,000, Deduct	*-195.90*	
		For >1,000 To 2,000, Deduct	*-296.94*	
		For >2,000 To 5,000, Deduct	*-487.46*	
		For >5,000, Deduct	*-808.31*	
33 01 30 72-0322	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,996.95	
		For Vinlyester Resin, Add	*2,615.63*	
		For Epoxy Resin, Add	*308.27*	
		For Up To >10, Add	*2,649.30*	
		For >10 To 25, Add	*1,584.98*	
		For >25 To 50, Add	*1,137.82*	
		For >50 To 100, Add	*568.91*	
		For >500 To 1,000, Deduct	*-206.36*	
		For >1,000 To 2,000, Deduct	*-312.79*	
		For >2,000 To 5,000, Deduct	*-513.48*	
		For >5,000, Deduct	*-851.46*	

33 01 30 72-0323 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0324	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,615.60	
		For Vinlyester Resin, Add	*1,061.73*	
		For Epoxy Resin, Add	*125.13*	
		For Up To >10, Add	*1,054.90*	
		For >10 To 25, Add	*626.29*	
		For >25 To 50, Add	*451.61*	
		For >50 To 100, Add	*225.81*	
		For >500 To 1,000, Deduct	*-83.25*	
		For >1,000 To 2,000, Deduct	*-126.11*	
		For >2,000 To 5,000, Deduct	*-206.72*	
		For >5,000, Deduct	*-342.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0325	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,824.76	
		For Vinlyester Resin, Add	*1,199.18*	
		For Epoxy Resin, Add	*141.33*	
		For Up To >10, Add	*1,191.48*	
		For >10 To 25, Add	*707.38*	
		For >25 To 50, Add	*510.08*	
		For >50 To 100, Add	*255.04*	
		For >500 To 1,000, Deduct	*-94.03*	
		For >1,000 To 2,000, Deduct	*-142.44*	
		For >2,000 To 5,000, Deduct	*-233.48*	
		For >5,000, Deduct	*-387.28*	
33 01 30 72-0326	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,033.93	
		For Vinlyester Resin, Add	*1,336.64*	
		For Epoxy Resin, Add	*157.53*	
		For Up To >10, Add	*1,328.09*	
		For >10 To 25, Add	*788.50*	
		For >25 To 50, Add	*568.57*	
		For >50 To 100, Add	*284.29*	
		For >500 To 1,000, Deduct	*-104.81*	
		For >1,000 To 2,000, Deduct	*-158.77*	
		For >2,000 To 5,000, Deduct	*-260.25*	
		For >5,000, Deduct	*-431.68*	
33 01 30 72-0327	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,250.01	
		For Vinlyester Resin, Add	*1,474.09*	
		For Epoxy Resin, Add	*173.73*	
		For Up To >10, Add	*1,485.43*	
		For >10 To 25, Add	*886.89*	
		For >25 To 50, Add	*637.42*	
		For >50 To 100, Add	*318.71*	
		For >500 To 1,000, Deduct	*-116.10*	
		For >1,000 To 2,000, Deduct	*-175.96*	
		For >2,000 To 5,000, Deduct	*-288.74*	
		For >5,000, Deduct	*-478.84*	
33 01 30 72-0328	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,459.81	
		For Vinlyester Resin, Add	*1,611.54*	
		For Epoxy Resin, Add	*189.93*	
		For Up To >10, Add	*1,623.93*	
		For >10 To 25, Add	*969.58*	
		For >25 To 50, Add	*696.86*	
		For >50 To 100, Add	*348.43*	
		For >500 To 1,000, Deduct	*-126.93*	
		For >1,000 To 2,000, Deduct	*-192.37*	
		For >2,000 To 5,000, Deduct	*-315.67*	
		For >5,000, Deduct	*-523.48*	
33 01 30 72-0329	LF	42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,669.60	
		For Vinlyester Resin, Add	*1,748.99*	
		For Epoxy Resin, Add	*206.13*	
		For Up To >10, Add	*1,762.40*	
		For >10 To 25, Add	*1,052.24*	
		For >25 To 50, Add	*756.27*	
		For >50 To 100, Add	*378.14*	
		For >500 To 1,000, Deduct	*-137.76*	
		For >1,000 To 2,000, Deduct	*-208.77*	
		For >2,000 To 5,000, Deduct	*-342.59*	
		For >5,000, Deduct	*-568.13*	
33 01 30 72-0330	LF	42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,879.39	
		For Vinlyester Resin, Add	*1,886.44*	
		For Epoxy Resin, Add	*222.33*	
		For Up To >10, Add	*1,900.87*	
		For >10 To 25, Add	*1,134.91*	
		For >25 To 50, Add	*815.69*	
		For >50 To 100, Add	*407.84*	
		For >500 To 1,000, Deduct	*-148.58*	
		For >1,000 To 2,000, Deduct	*-225.18*	
		For >2,000 To 5,000, Deduct	*-369.51*	
		For >5,000, Deduct	*-612.77*	
33 01 30 72-0331	LF	42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,089.19	
		For Vinlyester Resin, Add	*2,023.90*	
		For Epoxy Resin, Add	*238.53*	
		For Up To >10, Add	*2,039.37*	
		For >10 To 25, Add	*1,217.60*	
		For >25 To 50, Add	*875.12*	
		For >50 To 100, Add	*437.56*	
		For >500 To 1,000, Deduct	*-159.41*	
		For >1,000 To 2,000, Deduct	*-241.58*	
		For >2,000 To 5,000, Deduct	*-396.43*	
		For >5,000, Deduct	*-657.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0332	LF	42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,298.99	
		For Vinlyester Resin, Add	*2,161.35*	
		For Epoxy Resin, Add	*254.73*	
		For Up To >10, Add	*2,177.87*	
		For >10 To 25, Add	*1,300.29*	
		For >25 To 50, Add	*934.55*	
		For >50 To 100, Add	*467.28*	
		For >500 To 1,000, Deduct	*-170.23*	
		For >1,000 To 2,000, Deduct	*-257.99*	
		For >2,000 To 5,000, Deduct	*-423.35*	
		For >5,000, Deduct	*-702.07*	
33 01 30 72-0333	LF	42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,508.79	
		For Vinlyester Resin, Add	*2,298.80*	
		For Epoxy Resin, Add	*270.93*	
		For Up To >10, Add	*2,316.37*	
		For >10 To 25, Add	*1,382.98*	
		For >25 To 50, Add	*993.99*	
		For >50 To 100, Add	*496.99*	
		For >500 To 1,000, Deduct	*-181.06*	
		For >1,000 To 2,000, Deduct	*-274.40*	
		For >2,000 To 5,000, Deduct	*-450.28*	
		For >5,000, Deduct	*-746.72*	
33 01 30 72-0334	LF	42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,718.59	
		For Vinlyester Resin, Add	*2,436.25*	
		For Epoxy Resin, Add	*287.13*	
		For Up To >10, Add	*2,454.87*	
		For >10 To 25, Add	*1,465.67*	
		For >25 To 50, Add	*1,053.42*	
		For >50 To 100, Add	*526.71*	
		For >500 To 1,000, Deduct	*-191.89*	
		For >1,000 To 2,000, Deduct	*-290.81*	
		For >2,000 To 5,000, Deduct	*-477.20*	
		For >5,000, Deduct	*-791.36*	
33 01 30 72-0335	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,928.38	
		For Vinlyester Resin, Add	*2,573.70*	
		For Epoxy Resin, Add	*303.33*	
		For Up To >10, Add	*2,593.34*	
		For >10 To 25, Add	*1,548.33*	
		For >25 To 50, Add	*1,112.83*	
		For >50 To 100, Add	*556.42*	
		For >500 To 1,000, Deduct	*-202.71*	
		For >1,000 To 2,000, Deduct	*-307.21*	
		For >2,000 To 5,000, Deduct	*-504.12*	
		For >5,000, Deduct	*-836.01*	
33 01 30 72-0336	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,138.18	
		For Vinlyester Resin, Add	*2,711.16*	
		For Epoxy Resin, Add	*319.53*	
		For Up To >10, Add	*2,731.84*	
		For >10 To 25, Add	*1,631.02*	
		For >25 To 50, Add	*1,172.27*	
		For >50 To 100, Add	*586.13*	
		For >500 To 1,000, Deduct	*-213.54*	
		For >1,000 To 2,000, Deduct	*-323.62*	
		For >2,000 To 5,000, Deduct	*-531.04*	
		For >5,000, Deduct	*-880.66*	

33 01 30 74 Cured-in-Place Lateral Lining *(33 01 30)*

33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement *(33 01 30 74)*

33 01 30 74-0002 Lateral Reinstatement/Reconnection *(33 01 30 74-0001)*

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic)	506.19
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic)	547.24
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic)	581.44
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic)	615.64
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic)	649.84

33 01 30 74-0008 Grout Lateral Service *(33 01 30 74-0001)*

33 01 30 74-0009 Grout Lateral Service - Bladder *(33 01 30 74-0008)*

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder	530.12
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder	608.92
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder	687.73

33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application *(33 01 30 74-0008)*

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application	577.88
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application	625.64

33 01 30 74-0016 Lateral T-Liner *(33 01 30 74-0001)*

Note: As manufactured by LMK.

33 01 30 74-0017	EA	Up To 4" Lateral T-Liner	722.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 74-0018	EA	6" Lateral T-Liner	810.28	
33 01 30 74-0019	EA	8" Lateral T-Liner	942.57	
33 01 30 74-0020		Lining Lateral Pipe *(33 01 30 74-0001)*		
33 01 30 74-0021		Lining Lateral Pipe *(33 01 30 74-0020)*		
33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP)	32.70	
		For 7.5mm, Add	*3.06*	
		For 9 mm, Add	*6.06*	
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP)	38.32	
		For 7.5mm, Add	*4.17*	
		For 9 mm, Add	*8.26*	
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP)	48.62	
		For 7.5mm, Add	*6.39*	
		For 9 mm, Add	*12.64*	
33 01 30 74-0025		Lining Manhole Drop *(33 01 30 74-0020)*		
33 01 30 74-0026	EA	Manhole Drop Section Lining	799.04	
33 01 30 79		**Fold-and-Form Pipe Lining** *(33 01 30)*		
33 01 30 79-0001		Form and Fold Relining Underground Pipelines *(33 01 30 79)* Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 79-0002		Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 79-0001)*		
33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines	5,023.20	
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	2,009.28	
33 01 30 79-0005		Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 79-0001)*		
33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	32.45	
		For DR 26 Pipe Liner, Add	*5.42*	
		For Up To 75, Add	*20.48*	
		For >75 To 150, Add	*10.24*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.61*	
		For >2,000, Deduct	*-3.23*	
33 01 30 79-0007	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	41.06	
		For DR 26 Pipe Liner, Add	*7.37*	
		For DR 35 Pipe Liner, Deduct	*-3.68*	
		For Up To 75, Add	*23.28*	
		For >75 To 150, Add	*11.64*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000 To 2,000, Deduct	*-1.74*	
		For >2,000, Deduct	*-3.48*	
33 01 30 79-0008	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	42.58	
		For DR 26 Pipe Liner, Add	*7.51*	
		For DR 35 Pipe Liner, Deduct	*-3.75*	
		For Up To 75, Add	*24.84*	
		For >75 To 150, Add	*12.42*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.88*	
		For >2,000, Deduct	*-3.77*	
33 01 30 79-0009	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	58.72	
		For DR 26 Pipe Liner, Add	*11.26*	
		For DR 35 Pipe Liner, Deduct	*-5.63*	
		For DR 41 Pipe Liner, Deduct	*-11.26*	
		For Up To 75, Add	*29.55*	
		For >75 To 150, Add	*14.78*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-2.06*	
		For >2,000, Deduct	*-4.11*	
33 01 30 79-0010	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	80.97	
		For DR 26 Pipe Liner, Add	*16.48*	
		For DR 35 Pipe Liner, Deduct	*-8.24*	
		For DR 41 Pipe Liner, Deduct	*-16.48*	
		For Up To 75, Add	*35.79*	
		For >75 To 150, Add	*17.89*	
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000 To 2,000, Deduct	*-2.26*	
		For >2,000, Deduct	*-4.52*	
33 01 30 79-0011	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	109.89	
		For DR 35 Pipe Liner, Deduct	*-11.60*	
		For DR 41 Pipe Liner, Deduct	*-23.19*	
		For Up To 75, Add	*44.23*	
		For >75 To 150, Add	*22.12*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-2.57*	
		For >2,000, Deduct	*-5.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0012	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	153.84	
		For DR 41 Pipe Liner, Deduct	*-13.45*	
		For DR 50 Pipe Liner, Deduct	*-26.90*	
		For Up To 75, Add	*55.88*	
		For >75 To 150, Add	*27.94*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 2,000, Deduct	*-2.90*	
		For >2,000, Deduct	*-5.80*	
33 01 30 79-0013	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	173.73	
		For DR 50 Pipe Liner, Deduct	*-22.92*	
		For DR 55 Pipe Liner, Deduct	*-38.20*	
		For Up To 75, Add	*61.96*	
		For >75 To 150, Add	*30.98*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,000, Deduct	*-3.14*	
		For >2,000, Deduct	*-6.28*	
33 01 30 79-0014	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	211.12	
		For DR 60 Pipe Liner, Deduct	*-28.24*	
		For Up To 75, Add	*71.92*	
		For >75 To 150, Add	*35.96*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 2,000, Deduct	*-3.43*	
		For >2,000, Deduct	*-6.85*	

33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner *(33 01 30 79-0001)*

33 01 30 79-0016	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	34.50	
		For Up To 75, Add	*20.89*	
		For >75 To 150, Add	*10.44*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.61*	
		For >2,000, Deduct	*-3.23*	
		For DR 26 Pipe Liner, Add	*5.94*	
33 01 30 79-0017	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	41.06	
		For Up To 75, Add	*23.28*	
		For >75 To 150, Add	*11.64*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000 To 2,000, Deduct	*-1.74*	
		For >2,000, Deduct	*-3.48*	
		For DR 26 Pipe Liner, Add	*7.37*	
		For DR 35 Pipe Liner, Deduct	*-3.68*	
33 01 30 79-0018	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	45.30	
		For Up To 75, Add	*25.39*	
		For >75 To 150, Add	*12.69*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.88*	
		For >2,000, Deduct	*-3.77*	
		For DR 26 Pipe Liner, Add	*8.19*	
		For DR 35 Pipe Liner, Deduct	*-4.09*	
33 01 30 79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	62.82	
		For Up To 75, Add	*30.37*	
		For >75 To 150, Add	*15.19*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-2.06*	
		For >2,000, Deduct	*-4.11*	
		For DR 26 Pipe Liner, Add	*12.28*	
		For DR 35 Pipe Liner, Deduct	*-6.14*	
		For DR 41 Pipe Liner, Deduct	*-12.28*	
33 01 30 79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	87.11	
		For Up To 75, Add	*37.01*	
		For >75 To 150, Add	*18.51*	
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000 To 2,000, Deduct	*-2.26*	
		For >2,000, Deduct	*-4.52*	
		For DR 26 Pipe Liner, Add	*18.01*	
		For DR 35 Pipe Liner, Deduct	*-9.01*	
		For DR 41 Pipe Liner, Deduct	*-18.01*	
33 01 30 79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	118.63	
		For Up To 75, Add	*45.98*	
		For >75 To 150, Add	*22.99*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-2.57*	
		For >2,000, Deduct	*-5.14*	
		For DR 35 Pipe Liner, Deduct	*-12.69*	
		For DR 41 Pipe Liner, Deduct	*-25.38*	
33 01 30 79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35	166.67	
		For Up To 75, Add	*58.45*	
		For >75 To 150, Add	*29.23*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 2,000, Deduct	*-2.90*	
		For >2,000, Deduct	*-5.80*	
		For DR 41 Pipe Liner, Deduct	*-14.74*	
		For DR 50 Pipe Liner, Deduct	*-29.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47	187.92	
		For Up To 75, Add	*64.79*	
		For >75 To 150, Add	*32.40*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,000, Deduct	*-3.14*	
		For >2,000, Deduct	*-6.28*	
		For DR 50 Pipe Liner, Deduct	*-25.05*	
		For DR 55 Pipe Liner, Deduct	*-41.75*	
33 01 30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55	229.13	
		For Up To 75, Add	*75.52*	
		For >75 To 150, Add	*37.76*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 2,000, Deduct	*-3.43*	
		For >2,000, Deduct	*-6.85*	
		For DR 60 Pipe Liner, Deduct	*-30.94*	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up *(33 01 30 81-0001)*

33 01 30 81-0003	EA	Inspect Manhole	168.86
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	13,774.28
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	19,524.94

33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*

Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal	528.80
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal	557.39
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal	571.68
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal	657.44
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal	743.19
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal	828.94
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal	1,000.44

33 01 30 81-0015 External Manhole Encapsulation *(33 01 30 81-0006)*

Note: Wrapidseal.

33 01 30 81-0016	EA	24" External Manhole Encapsulation	771.76
33 01 30 81-0017	EA	30" External Manhole Encapsulation	814.64
33 01 30 81-0018	EA	36" External Manhole Encapsulation	871.81
33 01 30 81-0019	EA	42" External Manhole Encapsulation	943.27
33 01 30 81-0020	EA	48" External Manhole Encapsulation	1,043.31
33 01 30 81-0021	EA	54" External Manhole Encapsulation	1,157.65
33 01 30 81-0022	EA	60" External Manhole Encapsulation	1,300.57

33 01 30 81-0023 Manhole Crack Repair *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	52.14
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	70.25
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	49.53
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	67.20

33 01 30 81-0028 Manhole Patching *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	16.21
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	37.37

33 01 30 81-0031 Manhole Joint Restoration *(33 01 30 81-0001)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,230.58
		For Grouting Each Additional Manhole Joint Section, Add	*222.94*
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,603.93
		For Grouting Each Additional Manhole Joint Section, Add	*247.60*
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,974.10
		For Grouting Each Additional Manhole Joint Section, Add	*272.26*
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,534.27
		For Grouting Each Additional Manhole Joint Section, Add	*284.59*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	4,092.88	
			For Grouting Each Additional Manhole Joint Section, Add	*296.92*	
33 01 30 81-0037			Step Installation In Existing Manholes *(33 01 30 81-0001)* Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
	33 01 30 81-0038	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	150.29	21.12
	33 01 30 81-0039	EA	Drill And Grout Galvanized Steel Manhole Step	112.88	21.12
	33 01 30 81-0040	EA	Bolt On Galvanized Steel Manhole Step	115.89	21.12
	33 01 30 81-0041	EA	Drill And Grout Aluminum Manhole Step	117.20	21.12
	33 01 30 81-0042	EA	Drill And Insert Polypropylene Manhole Step	65.61	16.90
33 01 30 81-0043			Invert Restoration *(33 01 30 81-0001)* Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044			Concrete Invert Restoration *(33 01 30 81-0043)*		
	33 01 30 81-0045	EA	2' Diameter, Concrete Invert Restoration	332.58	
	33 01 30 81-0046	EA	3' Diameter, Concrete Invert Restoration	374.80	
	33 01 30 81-0047	EA	4' Diameter, Concrete Invert Restoration	417.01	
	33 01 30 81-0048	EA	5' Diameter, Concrete Invert Restoration	459.23	
	33 01 30 81-0049	EA	6' Diameter, Concrete Invert Restoration	585.87	
	33 01 30 81-0050	SF	Square Or Rectangular, Concrete Invert Restoration	33.16	
33 01 30 81-0051			Brick Invert Restoration *(33 01 30 81-0043)*		
	33 01 30 81-0052	EA	2' Diameter, Brick Invert Restoration	548.37	
	33 01 30 81-0053	EA	3' Diameter, Brick Invert Restoration	590.59	
	33 01 30 81-0054	EA	4' Diameter, Brick Invert Restoration	632.80	
	33 01 30 81-0055	EA	5' Diameter, Brick Invert Restoration	675.02	
	33 01 30 81-0056	EA	6' Diameter, Brick Invert Restoration	717.23	
	33 01 30 81-0057	SF	Square Or Rectangular, Brick Invert Restoration	46.61	
33 01 30 81-0058			Repair In-Kind Of Drainage Structures *(33 01 30 81)* Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
	33 01 30 81-0059	VLF	2' Diameter, Repair In-Kind Drainage Structure	767.70	
	33 01 30 81-0060	VLF	3' Diameter, Repair In-Kind Drainage Structure	1,151.56	
	33 01 30 81-0061	VLF	4' Diameter, Repair In-Kind Drainage Structure	1,535.52	
	33 01 30 81-0062	VLF	5' Diameter, Repair In-Kind Drainage Structure	1,919.27	
	33 01 30 81-0063	VLF	6' Diameter, Repair In-Kind Drainage Structure	2,303.13	
	33 01 30 81-0064	VLF	2' x 2', Repair In-Kind Drainage Structure	977.97	
	33 01 30 81-0065	VLF	2' x 3', Repair In-Kind Drainage Structure	1,222.47	
	33 01 30 81-0066	VLF	2' x 4', Repair In-Kind Drainage Structure	1,466.96	
	33 01 30 81-0067	VLF	3' x 4', Repair In-Kind Drainage Structure	1,711.45	
	33 01 30 81-0068	VLF	4' x 4', Repair In-Kind Drainage Structure	1,955.95	
	33 01 30 81-0069	VLF	4' x 5', Repair In-Kind Drainage Structure	2,200.44	
	33 01 30 81-0070	VLF	4' x 6', Repair In-Kind Drainage Structure	2,444.93	
	33 01 30 81-0071	VLF	4' x 8', Repair In-Kind Drainage Structure	2,933.92	
	33 01 30 81-0072	VLF	>32 GSF, Repair In-Kind Drainage Structure	3,422.90	
33 01 30 82			**Epoxy Lining for Concrete Manholes** *(33 01 30)*		
33 01 30 82-0001			Epoxy Manhole Restoration, Interior *(33 01 30 82)*		
	33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	334.26	
			For 80 Mil Material, Add	*39.76*	
			For 100 Mil Material, Add	*79.52*	
			For 125 Mil Material, Add	*124.01*	
			For 150 Mil Material, Add	*168.51*	
			For 200 Mil Material, Add	*243.63*	
			For 2 To 5 Manholes, Deduct	*-23.65*	
			For 6 To 10 Manholes, Deduct	*-38.94*	
			For >10 Manholes, Deduct	*-77.88*	
	33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	405.43	
			For 80 Mil Material, Add	*47.56*	
			For 100 Mil Material, Add	*95.12*	
			For 125 Mil Material, Add	*148.21*	
			For 150 Mil Material, Add	*201.30*	
			For 200 Mil Material, Add	*290.53*	
			For 2 To 5 Manholes, Deduct	*-28.75*	
			For 6 To 10 Manholes, Deduct	*-47.36*	
			For >10 Manholes, Deduct	*-94.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0004	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	445.67	
		For 80 Mil Material, Add	*53.01*	
		For 100 Mil Material, Add	*106.02*	
		For 125 Mil Material, Add	*165.35*	
		For 150 Mil Material, Add	*224.67*	
		For 200 Mil Material, Add	*324.83*	
		For 2 To 5 Manholes, Deduct	*-31.53*	
		For 6 To 10 Manholes, Deduct	*-51.92*	
		For >10 Manholes, Deduct	*-103.84*	
33 01 30 82-0005	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	557.14	
		For 80 Mil Material, Add	*66.28*	
		For 100 Mil Material, Add	*132.56*	
		For 125 Mil Material, Add	*206.74*	
		For 150 Mil Material, Add	*280.93*	
		For 200 Mil Material, Add	*406.17*	
		For 2 To 5 Manholes, Deduct	*-39.42*	
		For 6 To 10 Manholes, Deduct	*-64.90*	
		For >10 Manholes, Deduct	*-129.80*	
33 01 30 82-0006	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	668.55	
		For 80 Mil Material, Add	*79.53*	
		For 100 Mil Material, Add	*159.06*	
		For 125 Mil Material, Add	*248.08*	
		For 150 Mil Material, Add	*337.09*	
		For 200 Mil Material, Add	*487.37*	
		For 2 To 5 Manholes, Deduct	*-47.30*	
		For 6 To 10 Manholes, Deduct	*-77.88*	
		For >10 Manholes, Deduct	*-155.76*	

33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

33 01 30 83-0001 Manhole Lining *(33 01 30 83)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	141.24	
		For Each Additional 1/2" Thick Material, Add	*33.42*	
		For 2 To 5 Manholes, Deduct	*-9.99*	
		For 6 To 10 Manholes, Deduct	*-16.45*	
		For >10 Manholes, Deduct	*-32.90*	
33 01 30 83-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	163.75	
		For Each Additional 1/2" Thick Material, Add	*38.89*	
		For 2 To 5 Manholes, Deduct	*-11.58*	
		For 6 To 10 Manholes, Deduct	*-19.06*	
		For >10 Manholes, Deduct	*-38.12*	
33 01 30 83-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	186.27	
		For Each Additional 1/2" Thick Material, Add	*44.36*	
		For 2 To 5 Manholes, Deduct	*-13.17*	
		For 6 To 10 Manholes, Deduct	*-21.68*	
		For >10 Manholes, Deduct	*-43.35*	
33 01 30 83-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	219.16	
		For Each Additional 1/2" Thick Material, Add	*54.23*	
		For 2 To 5 Manholes, Deduct	*-15.43*	
		For 6 To 10 Manholes, Deduct	*-25.38*	
		For >10 Manholes, Deduct	*-50.75*	
33 01 30 83-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	239.33	
		For Each Additional 1/2" Thick Material, Add	*62.53*	
		For 2 To 5 Manholes, Deduct	*-16.74*	
		For 6 To 10 Manholes, Deduct	*-27.50*	
		For >10 Manholes, Deduct	*-55.01*	

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	297.27	
		For 80 Mil Material, Add	*27.43*	
		For 100 Mil Material, Add	*54.86*	
		For 125 Mil Material, Add	*83.94*	
		For 150 Mil Material, Add	*113.03*	
		For 200 Mil Material, Add	*157.32*	
		For 2 To 5 Manholes, Deduct	*-21.80*	
		For 6 To 10 Manholes, Deduct	*-36.17*	
		For >10 Manholes, Deduct	*-72.33*	
33 01 30 83-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	362.22	
		For 80 Mil Material, Add	*33.15*	
		For 100 Mil Material, Add	*66.31*	
		For 125 Mil Material, Add	*101.40*	
		For 150 Mil Material, Add	*136.48*	
		For 200 Mil Material, Add	*189.70*	
		For 2 To 5 Manholes, Deduct	*-26.59*	
		For 6 To 10 Manholes, Deduct	*-44.12*	
		For >10 Manholes, Deduct	*-88.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	396.36	
		For 80 Mil Material, Add	*36.57*	
		For 100 Mil Material, Add	*73.15*	
		For 125 Mil Material, Add	*111.93*	
		For 150 Mil Material, Add	*150.71*	
		For 200 Mil Material, Add	*209.78*	
		For 2 To 5 Manholes, Deduct	*-29.06*	
		For 6 To 10 Manholes, Deduct	*-48.22*	
		For >10 Manholes, Deduct	*-96.44*	
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	495.44	
		For 80 Mil Material, Add	*45.71*	
		For 100 Mil Material, Add	*91.43*	
		For 125 Mil Material, Add	*139.90*	
		For 150 Mil Material, Add	*188.38*	
		For 200 Mil Material, Add	*262.21*	
		For 2 To 5 Manholes, Deduct	*-36.33*	
		For 6 To 10 Manholes, Deduct	*-60.27*	
		For >10 Manholes, Deduct	*-120.55*	
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	594.52	
		For 80 Mil Material, Add	*54.86*	
		For 100 Mil Material, Add	*109.71*	
		For 125 Mil Material, Add	*167.88*	
		For 150 Mil Material, Add	*226.04*	
		For 200 Mil Material, Add	*314.64*	
		For 2 To 5 Manholes, Deduct	*-43.60*	
		For 6 To 10 Manholes, Deduct	*-72.33*	
		For >10 Manholes, Deduct	*-144.66*	

33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	525.97	
		For 2 To 5 Manholes, Deduct	*-30.54*	
		For 6 To 10 Manholes, Deduct	*-47.92*	
		For >10 Manholes, Deduct	*-95.85*	
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	644.13	
		For 2 To 5 Manholes, Deduct	*-37.39*	
		For 6 To 10 Manholes, Deduct	*-58.67*	
		For >10 Manholes, Deduct	*-117.34*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	759.24	
		For 2 To 5 Manholes, Deduct	*-43.61*	
		For 6 To 10 Manholes, Deduct	*-68.25*	
		For >10 Manholes, Deduct	*-136.49*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	952.15	
		For 2 To 5 Manholes, Deduct	*-54.67*	
		For 6 To 10 Manholes, Deduct	*-85.54*	
		For >10 Manholes, Deduct	*-171.08*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,145.06	
		For 2 To 5 Manholes, Deduct	*-65.73*	
		For 6 To 10 Manholes, Deduct	*-102.83*	
		For >10 Manholes, Deduct	*-205.67*	

33 01 30 86 Manhole Rim Adjustment *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	338.86
33 01 30 86-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	380.59
33 01 30 86-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	418.62
33 01 30 86-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	461.65
33 01 30 86-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	496.82

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

33 01 30 86-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	396.67
33 01 30 86-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	432.16
33 01 30 86-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	476.63
33 01 30 86-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	519.67
33 01 30 86-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	561.26

33 01 30 86-0014 >6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0015	EA	>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	554.59
33 01 30 86-0016	EA	7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	602.86
33 01 30 86-0017	EA	7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	651.95
33 01 30 86-0018	EA	8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	691.31
33 01 30 86-0019	EA	9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	750.86
33 01 30 86-0020	EA	10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	805.18

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 86-0021	EA	11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	858.47	
33 01 30 86-0022	EA	12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	912.97	

33 01 30 86-0023 >12" Rise, Solid Manhole Risers *(33 01 30 86)*

33 01 30 86-0024 Precast Concrete Manhole Riser *(33 01 30 86-0023)*

33 01 30 86-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	100.36	
33 01 30 86-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	120.05	
33 01 30 86-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	176.69	
33 01 30 86-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	362.19	
33 01 30 86-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	530.22	

33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems *(33 01)*

33 01 34 13 Septic Tank Solids Removal *(33 01 34)*

33 01 34 13-0001 Pump Out Septic Tanks *(33 01 34 13)*

33 01 34 13-0002	GAL	Pump Out Septic Tank And Dispose	0.68	

33 05 Common Work Results for Utilities *(33)*

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	24.50	
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	29.57	
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	40.55	
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	52.39	
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	94.12	
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	137.31	
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	164.99	
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	197.10	
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	341.05	
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	431.18	
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	531.82	
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	607.62	
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	790.57	
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	851.85	
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	926.42	
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	971.26	
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,986.31	
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,467.33	
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,070.51	

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	13.02	
		For Horizontal Boring Through Rock, Add	*9.11*	
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	19.54	
		For Horizontal Boring Through Rock, Add	*13.68*	
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	27.13	
		For Horizontal Boring Through Rock, Add	*18.99*	
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	33.65	
		For Horizontal Boring Through Rock, Add	*23.56*	
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	40.16	
		For Horizontal Boring Through Rock, Add	*28.11*	
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	46.67	
		For Horizontal Boring Through Rock, Add	*32.67*	
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	54.27	
		For Horizontal Boring Through Rock, Add	*37.99*	
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	66.44	
		For Horizontal Boring Through Rock, Add	*46.51*	
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	71.98	
		For Horizontal Boring Through Rock, Add	*50.39*	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	77.51	
		For Horizontal Boring Through Rock, Add	*54.26*	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	160.56	
		For Horizontal Boring Through Rock, Add	*112.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	254.72	
		For Horizontal Boring Through Rock, Add	*178.30*	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	388.30	
		For Horizontal Boring Through Rock, Add	*271.81*	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	621.29	
		For Horizontal Boring Through Rock, Add	*434.90*	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,473.46	
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,986.31	
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,467.33	

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	61.48	
		For Horizontal Jacking Through Rock, Add	*30.34*	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	73.75	
		For Horizontal Jacking Through Rock, Add	*36.62*	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	99.76	
		For Horizontal Jacking Through Rock, Add	*50.21*	
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking	128.94	
		For Horizontal Jacking Through Rock, Add	*64.86*	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking	174.84	
		For Horizontal Jacking Through Rock, Add	*88.91*	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking	256.22	
		For Horizontal Jacking Through Rock, Add	*129.72*	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking	308.42	
		For Horizontal Jacking Through Rock, Add	*155.88*	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking	368.27	
		For Horizontal Jacking Through Rock, Add	*186.23*	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking	578.88	
		For Horizontal Jacking Through Rock, Add	*323.27*	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking	930.49	
		For Horizontal Jacking Through Rock, Add	*362.79*	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking	1,085.15	
		For Horizontal Jacking Through Rock, Add	*447.97*	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking	1,226.40	
		For Horizontal Jacking Through Rock, Add	*512.22*	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking	1,317.82	
		For Horizontal Jacking Through Rock, Add	*553.13*	
33 05 07 23-0015	LF	48" Diameter Horizontal Jacking	1,428.50	
		For Horizontal Jacking Through Rock, Add	*595.98*	
33 05 07 23-0016	LF	54" Diameter Horizontal Jacking	1,528.28	
		For Horizontal Jacking Through Rock, Add	*648.62*	
33 05 07 23-0017	EA	Up To 6" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,473.46	
33 05 07 23-0018	EA	>6" To 20" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,986.31	
33 05 07 23-0019	EA	>20" To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,467.33	
33 05 07 23-0020	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,070.51	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	17.33	
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	18.35	
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	19.83	
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	21.32	
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	26.97	
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	30.50	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 24-0009		LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	34.02	
33 05 07 24-0010			Polyethylene Pipe *(33 05 07 24-0001)*		
33 05 07 24-0011		LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.16	
33 05 07 24-0012		LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.68	
33 05 07 24-0013		LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.16	
33 05 07 24-0014		LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.59	
33 05 07 24-0015		LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.05	
33 05 07 24-0016		LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.52	
33 05 07 24-0017		LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.01	
33 05 07 24-0018		LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.63	
33 05 07 24-0019		LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.64	
33 05 07 24-0020		LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.63	
33 05 07 24-0021		LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	15.02	
33 05 07 24-0022		LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	20.28	

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*
See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*
See CSI section 33 14 13 13-0545 for mechanical restraints, 33 14 13 13-0580 for flanged restraints, 33 14 13 13-1152 for slip-on restraints, 33 14 13 13-1168 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*
See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*
See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*
See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*
See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 27 Corrugated Metal Utility Pipe *(33 05)*

33 05 27 13 Corrugated Metal Culvert Pipe *(33 05 27)*
See CSI section 33 42 11 00-0437 for corrugated metal culvert pipe.

33 05 27 23 Corrugated Metal Slotted Pipe *(33 05 27)*
See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.

33 05 27 33 Corrugated Metal Culvert Arch Pipe *(33 05 27)*
See CSI section 33 42 11 00-0781 for corrugated metal culvert arch pipe.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*
See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*
See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*
See CSI section 33 14 13 23-0171 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe *(33 05 33)*
See CSI section 33 42 11 00-0209 for corrugated-wall smooth interior HDPE gravity pipe.

33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) *(33 05 33)*
See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.

33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe *(33 05 33)*
See CSI section 33 42 11 00-0231 for corrugated perforated HDPE drainage pipe.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 33 36		**Corrugated, Non-Perforated HDPE Drainage Pipe** *(33 05 33)*			
		See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.			
33 05 33 53		**HDPE Gas Utility Pipe** *(33 05 33)*			
		See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.			
33 05 33 56		**Medium-Density Polyethylene Gas Utility Pipe** *(33 05 33)*			
		See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.			
33 05 33 63		**HDPE Communication Duct** *(33 05 33)*			
33 05 33 63-0001		ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*			
		Note: Excludes boring.			
33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.53		
		For Up To 250, Add	*0.11*		
		For >250 To 500, Add	*0.08*		
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.95		
		For Up To 250, Add	*0.14*		
		For >250 To 500, Add	*0.09*		
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.30		
		For Up To 250, Add	*0.16*		
		For >250 To 500, Add	*0.11*		
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.72		
		For Up To 250, Add	*0.19*		
		For >250 To 500, Add	*0.13*		
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	6.37		
		For Up To 250, Add	*0.39*		
		For >250 To 500, Add	*0.26*		
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	8.06		
		For Up To 250, Add	*0.60*		
		For >250 To 500, Add	*0.40*		
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.61		
		For Up To 250, Add	*0.12*		
		For >250 To 500, Add	*0.08*		
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.10		
		For Up To 250, Add	*0.16*		
		For >250 To 500, Add	*0.11*		
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.42		
		For Up To 250, Add	*0.18*		
		For >250 To 500, Add	*0.12*		
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	5.03		
		For Up To 250, Add	*0.23*		
		For >250 To 500, Add	*0.16*		
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	7.04		
		For Up To 250, Add	*0.50*		
		For >250 To 500, Add	*0.33*		
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	8.91		
		For Up To 250, Add	*0.73*		
		For >250 To 500, Add	*0.49*		
33 05 39		Concrete Pipe *(33 05)*			
33 05 39 13		**Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301)** *(33 05 39)*			
		See CSI section 33 42 11 00-0062 for prestressed concrete pressure pipe.			
33 05 39 41		**Reinforced Concrete Pipe for Sewers and Culverts** *(33 05 39)*			
		See CSI section 33 42 11 00-0001 for reinforced concrete pipe.			
33 05 41		Vitrified Clay Utility Pipe *(33 05)*			
		See CSI section 33 42 11 00-0335 for vitrified clay piping.			
33 05 61		Concrete Manholes *(33 05)*			
33 05 61 00-0001		Manholes *(33 05 61)*			
33 05 61 00-0002		Precast Concrete Manholes *(33 05 61 00-0001)*			
		Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.			
33 05 61 00-0003		3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,578.02	275.39
		For Bitumastic Coating, Add	*73.72*	
		For Epoxy Coating, Add	*140.87*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,148.81	395.57
		For Bitumastic Coating, Add	*110.58*	
		For Epoxy Coating, Add	*211.31*	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	2,889.85	600.85
		For Bitumastic Coating, Add	*147.44*	
		For Epoxy Coating, Add	*281.75*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	305.43	70.10
		For Bitumastic Coating, Add	*18.43*	
		For Epoxy Coating, Add	*35.22*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	329.67	70.10
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	531.38	70.10
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	423.05	70.10
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	607.55	70.10

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,016.15	315.45
		For Bitumastic Coating, Add	*73.72*	
		For Epoxy Coating, Add	*140.87*	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	2,693.31	430.61
		For Bitumastic Coating, Add	*110.58*	
		For Epoxy Coating, Add	*211.31*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	3,571.56	650.92
		For Bitumastic Coating, Add	*147.44*	
		For Epoxy Coating, Add	*281.75*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	384.88	82.62
		For Bitumastic Coating, Add	*18.43*	
		For Epoxy Coating, Add	*35.22*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	417.47	82.62
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	688.65	82.62
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	543.03	82.62
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	791.08	82.62

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	3,735.69	350.50
		For Bitumastic Coating, Add	*94.98*	
		For Epoxy Coating, Add	*227.10*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	4,977.66	480.69
		For Bitumastic Coating, Add	*142.48*	
		For Epoxy Coating, Add	*340.65*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	6,442.55	721.03
		For Bitumastic Coating, Add	*189.97*	
		For Epoxy Coating, Add	*454.20*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	672.63	90.12
		For Bitumastic Coating, Add	*23.75*	
		For Epoxy Coating, Add	*56.78*	

33 05 61 00-0026 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	4,995.49	390.56
		For Bitumastic Coating, Add	*108.74*	
		For Epoxy Coating, Add	*265.88*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	6,511.74	530.76
		For Bitumastic Coating, Add	*163.11*	
		For Epoxy Coating, Add	*398.81*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	8,277.54	801.14
		For Bitumastic Coating, Add	*217.49*	
		For Epoxy Coating, Add	*531.75*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	815.10	100.15
		For Bitumastic Coating, Add	*27.19*	
		For Epoxy Coating, Add	*66.47*	

33 05 61 00-0031 7' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	7,837.24	430.61
		For Bitumastic Coating, Add	*231.24*	
		For Epoxy Coating, Add	*464.60*	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	10,141.02	587.34
		For Bitumastic Coating, Add	*346.87*	
		For Epoxy Coating, Add	*696.90*	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	12,719.20	881.26
		For Bitumastic Coating, Add	*462.49*	
		For Epoxy Coating, Add	*929.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,215.48	110.16
		For Bitumastic Coating, Add	*57.81*	
		For Epoxy Coating, Add	*116.15*	

33 05 61 00-0036 8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	11,315.65	495.71
		For Bitumastic Coating, Add	*273.38*	
		For Epoxy Coating, Add	*566.31*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	14,679.23	675.96
		For Bitumastic Coating, Add	*410.07*	
		For Epoxy Coating, Add	*849.46*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	18,358.27	1,013.95
		For Bitumastic Coating, Add	*546.76*	
		For Epoxy Coating, Add	*1,132.61*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,751.89	125.18
		For Bitumastic Coating, Add	*68.35*	
		For Epoxy Coating, Add	*141.58*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,143.86
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,098.06
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,760.85
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,806.49
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,237.13
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,375.17
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,514.24
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,856.64
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,856.64
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,670.23
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,699.13
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,022.10
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,896.31
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,514.74

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,557.63
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,619.46
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,527.05
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,354.39
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,479.82
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,871.29
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,929.83
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,375.00
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,806.27
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,830.98
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,332.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,734.32	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,952.10	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,674.51	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,162.47	
33 05 63 00-0034		8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,777.29	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,890.09	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,947.90	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,152.14	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,186.76	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,483.44	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,780.15	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,755.87	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,991.82	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,964.98	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,446.53	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,006.78	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,835.32	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,217.93	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,661.60	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,037.06	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,272.59	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,136.41	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,591.70	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,094.32	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	4,193.71	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	5,262.32	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	6,518.21	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	9,003.07	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	4,690.27	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	6,518.21	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	8,395.40	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	10,473.65	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	14,883.06	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)*		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	397.33	22.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	325.32	49.49
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	497.46	74.23
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	585.31	74.23
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	556.28	74.23
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	682.98	74.23
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	663.86	74.23
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	920.41	74.23
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,311.09	98.98
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,863.22	98.98
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,163.17	136.10
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,336.08	136.10
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,235.54	136.10
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,240.28	148.47
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,806.65	148.47
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,269.80	148.47
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,365.24	148.47
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,802.68	239.82
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,655.09	239.82
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	512.10	22.28
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	634.14	74.23
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	775.55	74.23
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	712.25	74.23
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	820.54	74.23
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	848.94	74.23
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,107.09	74.23
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,453.83	136.10
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,626.73	136.10
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,526.23	136.10
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,142.34	239.82
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,001.23	239.82
33 05 63 00-0105		Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	659.79	22.28
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	555.91	22.28
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	420.80	74.23
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	482.09	74.23
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	145.61	22.28
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	232.47	22.28
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	383.23	22.28
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	401.48	22.28
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.95	49.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	346.94	49.49
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	228.74	22.28
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	262.92	22.28
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	344.03	49.49
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	391.08	49.49
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	360.63	49.49
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	423.65	74.23
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	469.80	74.23
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	504.12	74.23
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	555.81	74.23
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	658.89	74.23
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	721.42	74.23
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	789.84	74.23
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	832.86	74.23
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	986.77	98.98
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	975.87	136.10
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,275.52	136.10
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,552.22	136.10
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,726.96	136.10
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,900.77	136.10
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,135.23	239.82
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,522.66	239.82
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,744.60	239.82
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,168.98	239.82
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,164.62	239.82
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,323.03	239.82
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,627.68	239.82
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,399.16	256.95
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,614.26	256.95
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,888.87	256.95
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,998.75	256.95
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,036.94	256.95
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,455.37	256.95
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,642.76	256.95
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,524.43	256.95
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,974.41	274.08
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,933.69	274.08
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,363.31	274.08
33 05 63 00-0154		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	579.93	74.23
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	670.85	74.23
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	254.58	22.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	373.30	22.28
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	504.53	22.28
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	522.80	22.28
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	438.44	49.49
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	457.92	49.49
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	483.95	49.49
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	347.56	22.28
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	412.92	22.28
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	483.32	49.49
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	530.38	49.49
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	501.40	49.49
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	579.05	74.23
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	625.78	74.23
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	689.56	74.23
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	740.92	74.23
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	843.70	74.23
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	906.50	74.23
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	974.63	74.23
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,017.95	74.23
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,242.44	98.98
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,266.55	136.10
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,565.85	136.10
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,842.25	136.10
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,016.71	136.10
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,191.10	136.10
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,859.11	239.82
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,081.37	239.82
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,505.43	239.82

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.12	74.23
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	622.56	74.23
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	185.11	22.28
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	312.31	22.28
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	453.77	22.28
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	472.37	22.28
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	405.02	49.49
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	459.18	49.49
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	271.81	22.28
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	431.63	49.49
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	499.10	49.49
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	449.16	49.49
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	571.89	74.23
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	664.13	74.23
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	694.80	74.23

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	767.84	74.23
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	835.03	74.23
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	898.46	74.23
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,012.05	74.23
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,027.88	74.23
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,262.25	98.98
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,292.23	136.10
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,622.78	136.10
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,949.69	136.10
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,166.82	136.10
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,383.95	136.10
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,539.78	239.82
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,927.24	239.82
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,166.48	239.82
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,590.56	239.82
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,777.62	239.82
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,836.20	239.82
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,404.46	239.82
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,142.79	256.95
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,253.93	256.95
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,569.20	256.95
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,807.81	256.95
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,488.87	256.95
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,342.24	256.95
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,754.56	256.95
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,137.46	256.95
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,027.63	274.08
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,987.30	274.08
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,116.95	274.08

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	688.22	74.23
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	811.68	74.23
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	293.21	22.28
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	452.86	22.28
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	574.82	22.28
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	593.67	22.28
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	544.31	49.49
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	598.14	49.49
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	426.28	22.28
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	570.30	49.49
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	637.76	49.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	550.18	49.49
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	727.92	74.23
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	820.16	74.23
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	879.89	74.23
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	952.95	74.23
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,020.12	74.23
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,083.58	74.23
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,197.19	74.23
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,212.96	74.23
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,517.60	98.98
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,582.89	136.10
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,913.14	136.10
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,239.69	136.10
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,456.98	136.10
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,674.28	136.10
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,263.99	239.82
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,503.56	239.82
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,927.34	239.82
33 05 63 00-0261		**Footed, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	567.91	74.23
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	383.95	49.49
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	435.97	49.49
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	500.39	74.23
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	400.99	49.49
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	450.81	49.49
33 05 63 00-0268		**Polymer Concrete Handhole Enclosure Extensions** *(33 05 63 00-0069)*		
33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	403.54	74.23
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	457.76	74.23
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	517.55	98.98
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	570.78	98.98
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	665.48	136.10
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,206.93	239.82
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,148.74	239.82
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,161.44	239.82
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,595.17	256.95
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,589.08	274.08
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,434.39	274.08
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	688.00	74.23
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	721.12	74.23
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	760.20	98.98
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	814.00	98.98
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	931.61	136.10
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,524.83	239.82
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	526.10	74.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	591.42	74.23
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	759.20	136.10
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,532.86	256.95
33 05 63 00-0290		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)*		
33 05 63 00-0291		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	153.25	9.91
33 05 63 00-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.34	9.91
33 05 63 00-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	143.40	9.91
33 05 63 00-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.75	9.91
33 05 63 00-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	157.33	9.90
33 05 63 00-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	181.64	9.90
33 05 63 00-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	211.71	9.90
33 05 63 00-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,419.94	30.83
33 05 63 00-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,240.64	30.83
33 05 63 00-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,865.14	30.83
33 05 63 00-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,886.43	30.83
33 05 63 00-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,139.12	30.83
33 05 63 00-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,332.13	30.83
33 05 63 00-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,757.17	30.83
33 05 63 00-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	130.14	9.90
33 05 63 00-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	189.81	9.90
33 05 63 00-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	192.59	9.90
33 05 63 00-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	244.30	9.90
33 05 63 00-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	182.41	9.90
33 05 63 00-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	290.42	9.90
33 05 63 00-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	226.36	9.90
33 05 63 00-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	472.68	9.90
33 05 63 00-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	409.34	14.85
33 05 63 00-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	515.96	14.85
33 05 63 00-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	666.43	17.32
33 05 63 00-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	939.76	23.98
33 05 63 00-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	975.19	45.68
33 05 63 00-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	247.40	9.90
33 05 63 00-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	356.05	9.90
33 05 63 00-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	406.20	9.90
33 05 63 00-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	680.57	9.90
33 05 63 00-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	555.90	14.85
33 05 63 00-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	945.60	17.32
33 05 63 00-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,242.16	23.98
33 05 63 00-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,676.98	30.83
33 05 63 00-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,489.13	30.83
33 05 63 00-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,086.50	30.83
33 05 63 00-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,721.81	30.83
33 05 63 00-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,605.92	30.83
33 05 63 00-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,964.07	30.83
33 05 63 00-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	6,131.80	30.83
33 05 63 00-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	327.90	9.90
33 05 63 00-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	359.29	9.90
33 05 63 00-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	475.54	9.90
33 05 63 00-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	543.00	9.90
33 05 63 00-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	944.20	9.90
33 05 63 00-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	680.14	14.85
33 05 63 00-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	934.14	14.85
33 05 63 00-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,452.81	17.32
33 05 63 00-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,663.11	23.98
33 05 63 00-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,728.89	45.68
33 05 63 00-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,000.40	30.83
33 05 63 00-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,799.10	30.83
33 05 63 00-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,922.50	30.83
33 05 63 00-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,498.53	30.83
33 05 63 00-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,808.41	30.83
33 05 63 00-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	8,974.14	30.83
33 05 63 00-0349		Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*		
33 05 63 00-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	177.15	9.91
33 05 63 00-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	187.66	9.91
33 05 63 00-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	191.08	9.90
33 05 63 00-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	192.37	9.90
33 05 63 00-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	223.18	9.90
33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	139.83	9.90
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	199.75	9.90
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	201.67	9.90
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	254.54	9.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	193.55	9.90
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	238.13	9.90
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	301.26	9.90
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	416.61	14.85
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	527.12	14.85
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	986.66	45.68
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	115.20	9.91
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	184.36	9.91
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	205.93	9.91
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	196.35	9.91
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	160.43	9.90
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	257.31	9.90
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	279.70	9.90
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	366.59	9.90
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	417.64	9.90
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	566.14	14.85
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	709.71	14.85
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,303.90	45.68
33 05 63 00-0377		Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 63 00-0290)*		
33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	91.41	9.91
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	110.01	9.91
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	135.06	9.91
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	146.20	9.91
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	145.89	9.90
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	174.42	9.90
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	202.46	9.90
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.69	14.85
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	933.43	45.68
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,404.27	30.83
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,222.94	30.83
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,836.03	30.83
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,771.20	30.83
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,122.22	30.83
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,269.69	30.83
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,637.16	30.83
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	124.85	9.90
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	121.75	9.90
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	183.12	9.90
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	201.91	9.90
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	229.46	9.90
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	172.80	9.90
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	193.55	9.90
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	277.42	9.90
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	400.92	14.85
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	503.47	14.85
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.38	14.85
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	901.68	23.98
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	933.43	27.41
33 05 63 00-0407		Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,462.68	30.83
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,124.39	30.83
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,226.51	45.68
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,630.45	45.68
33 05 63 00-0412	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,740.53	30.83
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,377.38	30.83
33 05 63 00-0414		Split, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	566.33	14.85
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,058.94	23.98
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,106.14	45.68
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	86.23	9.91
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	147.19	9.91
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	162.61	9.91
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	172.81	9.91
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	150.83	9.90
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	270.61	9.90
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	762.17	14.85
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,412.13	23.98
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,478.81	45.68
33 05 63 00-0427		Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*		

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	738.73	223.41
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,227.05	335.12
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*101.36*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,502.12	446.83
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*176.08*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,554.06	446.83
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*221.65*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,839.01	558.53
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*266.15*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,925.60	558.53
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*294.57*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,233.93	670.24
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*343.50*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,569.43	781.95
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*485.80*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,490.03	670.24
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*532.82*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,512.06	670.24
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*362.62*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	597.75	223.41
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	700.01	251.34
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	848.64	279.27
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	97.66	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	60.35	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	64.57	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	1,228.83	86.13
		For Ductile Iron Castings, Add	*677.92*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	730.46	86.13
		For Ductile Iron Castings, Add	*329.06*	
33 05 81 00-0010	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	843.96	100.15
		For Ductile Iron Castings, Add	*380.46*	
33 05 81 00-0011	EA	24" Square, Gray Iron, Manhole Cover With Frame	1,278.18	111.16
		For Ductile Iron Castings, Add	*661.06*	
33 05 81 00-0012	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	1,111.13	120.17
		For Ductile Iron Castings, Add	*524.43*	
33 05 81 00-0013	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	1,158.48	125.18
		For Ductile Iron Castings, Add	*548.07*	

33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0015	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,352.44	71.10
		For Ductile Iron Castings, Add	*748.60*	
33 05 81 00-0016	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,379.24	71.10
		For Ductile Iron Castings, Add	*751.05*	
33 05 81 00-0017	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,413.82	83.12
		For Ductile Iron Castings, Add	*756.01*	
33 05 81 00-0018	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,671.63	93.14
		For Ductile Iron Castings, Add	*916.78*	
33 05 81 00-0019	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,921.62	95.14
		For Ductile Iron Castings, Add	*1,082.27*	
33 05 81 00-0020	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,017.54	97.13
		For Ductile Iron Castings, Add	*1,145.97*	
33 05 81 00-0021	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,103.72	100.15
		For Ductile Iron Castings, Add	*1,202.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0022		**Aluminum Manhole Covers And Frames** *(33 05 81 00-0006)*		
33 05 81 00-0023	EA	12" Square Aluminum Manhole Cover With Frame	768.38	28.47
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame	1,386.14	31.52
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame	1,979.19	36.60
33 05 81 00-0026		**Removal And Reinstallation Of Manhole Cover And Frame** *(33 05 81 00-0006)*		
		Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame	401.51	
33 05 83		**Non-Metallic Accessories for Utility Structures** *(33 05)*		
33 05 83 00-0001		**Manhole Accessories** *(33 05 83)*		
33 05 83 00-0002		**Steps For Cast-In-Place Manholes** *(33 05 83 00-0001)*		
		See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.		
33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	45.40	
33 05 83 00-0004		**Rainguard Inflow Protectors** *(33 05 83)*		
33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	128.88	21.12
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	150.64	21.12
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	180.07	25.35
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	193.82	25.35
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	241.37	29.57
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	258.26	29.57
33 05 84		**Accessories for Utility Structures** *(33 05)*		
		See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 05 84 00-0001		**Manhole Accessories** *(33 05 84)*		
33 05 84 00-0002		**Precast Concrete Manhole Tops** *(33 05 84 00-0001)*		
33 05 84 00-0003		**Precast Concrete Manhole Slab Tops** *(33 05 84 00-0002)*		
33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	580.56	75.11
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	823.25	81.11
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,125.08	87.12
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,352.40	93.14
33 05 84 00-0008		**Precast Concrete Manhole Cone Tops** *(33 05 84 00-0002)*		
33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	935.79	93.88
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,044.18	97.64
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,152.59	101.39
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,364.35	107.65
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,581.15	115.16
33 05 84 00-0014	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,534.22	122.68
33 05 84 00-0015	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,191.80	135.19
33 05 84 00-0016		**Precast Concrete Manhole Reducer Slabs** *(33 05 84 00-0002)*		
33 05 84 00-0017	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,082.68	87.12
33 05 84 00-0018	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,387.99	93.14
33 05 84 00-0019	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,822.60	93.14
33 05 84 00-0020	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	2,866.84	93.14
33 05 84 00-0021	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	3,679.23	93.14
33 05 84 00-0022	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	5,315.16	93.14
33 05 84 00-0023		**Pipe To Manhole Connector** *(33 05 84 00-0001)*		
33 05 84 00-0024		**Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors** *(33 05 84 00-0023)*		
33 05 84 00-0025	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	76.77	
33 05 84 00-0026	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	112.60	
33 05 84 00-0027	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	126.96	
33 05 84 00-0028	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	191.33	
33 05 84 00-0029	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	267.09	
33 05 84 00-0030	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	353.77	
33 05 84 00-0031	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	635.51	
33 05 84 00-0032	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	882.16	
33 05 84 00-0033	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,389.42	
33 05 84 00-0034	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,636.65	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0035		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0023)* Note: Fernco CMA.		
33 05 84 00-0036	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	105.40	
33 05 84 00-0037	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	146.56	
33 05 84 00-0038	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	185.24	
33 05 84 00-0039	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	223.73	
33 05 84 00-0040	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	259.51	
33 05 84 00-0041		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0023)*		
33 05 84 00-0042	EA	Seal Gap Between Pipe And Structure With Brick And Grout	237.89	
33 05 84 00-0043		Inverts For Manholes *(33 05 84 00-0001)*		
33 05 84 00-0044	EA	Single Channel Concrete Invert For Manholes	380.98	
33 05 84 00-0045	EA	Double Channel Concrete Invert For Manholes	550.05	
33 05 84 00-0046	EA	Triple Channel Concrete Invert For Manholes	740.60	
33 05 84 00-0047	EA	Quad Channel Concrete Invert For Manholes	931.11	
33 05 84 00-0048	EA	Single Channel Brick Invert For Manholes	570.37	
33 05 84 00-0049	EA	Double Channel Brick Invert For Manholes	853.79	
33 05 84 00-0050	EA	Triple Channel Brick Invert For Manholes	1,142.06	
33 05 84 00-0051	EA	Quad Channel Brick Invert For Manholes	1,427.17	
33 05 84 00-0052		Protective Coating For New Manholes *(33 05 84 00-0001)*		
33 05 84 00-0053		Polyurethane Protective Coating For New Manholes *(33 05 84 00-0052)*		
33 05 84 00-0054	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	195.56	
		For 80 Mil Material, Add	*29.36*	
		For 100 Mil Material, Add	*58.71*	
		For 125 Mil Material, Add	*92.81*	
		For 150 Mil Material, Add	*126.90*	
		For 200 Mil Material, Add	*188.15*	
		For 2 To 5 Manholes, Deduct	*-13.25*	
		For 6 To 10 Manholes, Deduct	*-21.60*	
		For >10 Manholes, Deduct	*-43.20*	
33 05 84 00-0055	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	235.91	
		For 80 Mil Material, Add	*34.84*	
		For 100 Mil Material, Add	*69.69*	
		For 125 Mil Material, Add	*110.06*	
		For 150 Mil Material, Add	*150.44*	
		For 200 Mil Material, Add	*222.72*	
		For 2 To 5 Manholes, Deduct	*-16.03*	
		For 6 To 10 Manholes, Deduct	*-26.17*	
		For >10 Manholes, Deduct	*-52.34*	
33 05 84 00-0056	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	260.73	
		For 80 Mil Material, Add	*39.14*	
		For 100 Mil Material, Add	*78.28*	
		For 125 Mil Material, Add	*123.73*	
		For 150 Mil Material, Add	*169.19*	
		For 200 Mil Material, Add	*250.86*	
		For 2 To 5 Manholes, Deduct	*-17.66*	
		For 6 To 10 Manholes, Deduct	*-28.80*	
		For >10 Manholes, Deduct	*-57.60*	
33 05 84 00-0057	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	325.98	
		For 80 Mil Material, Add	*48.94*	
		For 100 Mil Material, Add	*97.89*	
		For 125 Mil Material, Add	*154.73*	
		For 150 Mil Material, Add	*211.58*	
		For 200 Mil Material, Add	*313.71*	
		For 2 To 5 Manholes, Deduct	*-22.08*	
		For 6 To 10 Manholes, Deduct	*-36.01*	
		For >10 Manholes, Deduct	*-72.01*	
33 05 84 00-0058	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	378.83	
		For 80 Mil Material, Add	*57.80*	
		For 100 Mil Material, Add	*115.60*	
		For 125 Mil Material, Add	*182.89*	
		For 150 Mil Material, Add	*250.17*	
		For 200 Mil Material, Add	*371.49*	
		For 2 To 5 Manholes, Deduct	*-25.57*	
		For 6 To 10 Manholes, Deduct	*-41.67*	
		For >10 Manholes, Deduct	*-83.33*	
33 05 84 00-0059		Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0052)* Note: For new manholes and shop applied.		
33 05 84 00-0060	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	267.33	
33 05 84 00-0061	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	327.69	
33 05 84 00-0062	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	399.90	
33 05 84 00-0063	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	502.20	
33 05 84 00-0064	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	604.50	
33 05 84 00-0065	SF	Polyvinyl Chloride (PVC) Liner At Structures	36.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0066		Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*		
33 05 84 00-0067		18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0066)*		
33 05 84 00-0068	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	84.80	
33 05 84 00-0069	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	92.75	
33 05 84 00-0070	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	100.70	
33 05 84 00-0071	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	108.65	
33 05 84 00-0072		24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0066)*		
33 05 84 00-0073	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	95.23	
33 05 84 00-0074	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	104.26	
33 05 84 00-0075	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	113.29	
33 05 84 00-0076	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	122.32	
33 05 84 00-0077		30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0066)*		
33 05 84 00-0078	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	105.43	
33 05 84 00-0079	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	115.50	
33 05 84 00-0080	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	125.57	
33 05 84 00-0081	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	135.64	
33 05 84 00-0082		Bentonite Collar *(33 05 84 00-0001)*		
33 05 84 00-0083		Bentonite Collar At Manhole Connections *(33 05 84 00-0082)*		
33 05 84 00-0084	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	136.02	
33 05 84 00-0085	EA	>12" To 21", Bentonite Collar At Manhole Connection	215.38	
33 05 84 00-0086	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	340.34	
33 05 84 00-0087	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	794.41	
33 05 84 00-0088	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,246.61	
33 05 84 00-0089	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,266.04	
33 05 84 00-0090		Waste Water Collection System Taps *(33 05 84)* Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0091		Brick Manhole Taps *(33 05 84 00-0090)*		
33 05 84 00-0092	EA	4" Tap In 6" Brick Manhole	519.00	
33 05 84 00-0093	EA	6" Tap In 6" Brick Manhole	579.99	
33 05 84 00-0094	EA	8" Tap In 6" Brick Manhole	639.89	
33 05 84 00-0095	EA	10" Tap In 6" Brick Manhole	699.67	
33 05 84 00-0096	EA	12" Tap In 6" Brick Manhole	771.67	
33 05 84 00-0097	EA	15" Tap In 6" Brick Manhole	831.34	
33 05 84 00-0098		Precast Concrete Manhole Tap *(33 05 84 00-0090)*		
33 05 84 00-0099	EA	4" Tap In Existing Precast Concrete Manhole	762.92	
33 05 84 00-0100	EA	6" Tap In Existing Precast Concrete Manhole	854.41	
33 05 84 00-0101	EA	8" Tap In Existing Precast Concrete Manhole	955.82	
33 05 84 00-0102	EA	10" Tap In Existing Precast Concrete Manhole	1,045.48	
33 05 84 00-0103	EA	12" Tap In Existing Precast Concrete Manhole	1,134.98	
33 05 84 00-0104	EA	15" Tap In Existing Precast Concrete Manhole	1,226.63	
33 05 84 00-0105	EA	18" Tap In Existing Precast Concrete Manhole	1,413.34	
33 05 84 00-0106	EA	24" Tap In Existing Precast Concrete Manhole	1,817.80	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001		Non-Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	7.47	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	10.56	
33 05 97 23-0004		Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	7.60	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	10.40	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	16.73	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0001		Drill And Test Water Well *(33 11 13)*			
33 11 13 00-0002		Drill Hole *(33 11 13 00-0001)*			
		Note: Excludes loading and hauling of spoils.			
33 11 13 00-0003		Mobilization And Demobilization *(33 11 13 00-0002)*			
33 11 13 00-0004	EA	Up To 12" Diameter, Well Drilling Mobilization And Demobilization		1,027.72	
33 11 13 00-0005	EA	>12" To 24" Diameter, Well Drilling Mobilization And Demobilization		1,253.15	
33 11 13 00-0006	EA	>24" To 36" Diameter, Well Drilling Mobilization And Demobilization		1,879.73	
33 11 13 00-0007		Drill Hole In Normal Soil, Sand, Gravel, O.B. *(33 11 13 00-0002)*			
		Note: Excludes well casing, gravel or materials.			
33 11 13 00-0008	LF	Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		24.28	
		For >100 To 250, Add		*0.61*	
		For >250 To 400, Add		*1.21*	
		For >400 To 600, Add		*1.82*	
		For >600 To 750, Add		*2.43*	
		For >750, Add		*3.04*	
33 11 13 00-0009	LF	8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		28.82	
		For >100 To 250, Add		*0.72*	
		For >250 To 400, Add		*1.44*	
		For >400 To 600, Add		*2.16*	
		For >600 To 750, Add		*2.88*	
		For >750, Add		*3.60*	
33 11 13 00-0010	LF	10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		38.53	
		For >100 To 250, Add		*0.96*	
		For >250 To 400, Add		*1.93*	
		For >400 To 600, Add		*2.89*	
		For >600 To 750, Add		*3.85*	
		For >750, Add		*4.82*	
33 11 13 00-0011	LF	12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		60.31	
		For >100 To 250, Add		*1.51*	
		For >250 To 400, Add		*3.02*	
		For >400 To 600, Add		*4.52*	
		For >600 To 750, Add		*6.03*	
		For >750, Add		*7.54*	
33 11 13 00-0012	LF	14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		86.78	
		For >100 To 250, Add		*2.17*	
		For >250 To 400, Add		*4.34*	
		For >400 To 600, Add		*6.51*	
		For >600 To 750, Add		*8.68*	
		For >750, Add		*10.85*	
33 11 13 00-0013	LF	16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		113.41	
		For >100 To 250, Add		*2.84*	
		For >250 To 400, Add		*5.67*	
		For >400 To 600, Add		*8.51*	
		For >600 To 750, Add		*11.34*	
		For >750, Add		*14.18*	
33 11 13 00-0014	LF	18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		134.71	
		For >100 To 250, Add		*3.37*	
		For >250 To 400, Add		*6.74*	
		For >400 To 600, Add		*10.10*	
		For >600 To 750, Add		*13.47*	
		For >750, Add		*16.84*	
33 11 13 00-0015	LF	20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		156.64	
		For >100 To 250, Add		*3.92*	
		For >250 To 400, Add		*7.83*	
		For >400 To 600, Add		*11.75*	
		For >600 To 750, Add		*15.66*	
		For >750, Add		*19.58*	
33 11 13 00-0016	LF	22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		184.06	
		For >100 To 250, Add		*4.60*	
		For >250 To 400, Add		*9.20*	
		For >400 To 600, Add		*13.80*	
		For >600 To 750, Add		*18.41*	
		For >750, Add		*23.01*	
33 11 13 00-0017	LF	24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		216.96	
		For >100 To 250, Add		*5.42*	
		For >250 To 400, Add		*10.85*	
		For >400 To 600, Add		*16.27*	
		For >600 To 750, Add		*21.70*	
		For >750, Add		*27.12*	
33 11 13 00-0018	LF	26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		234.49	
		For >100 To 250, Add		*5.86*	
		For >250 To 400, Add		*11.72*	
		For >400 To 600, Add		*17.59*	
		For >600 To 750, Add		*23.45*	
		For >750, Add		*29.31*	
33 11 13 00-0019	LF	28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.		258.00	
		For >100 To 250, Add		*6.45*	
		For >250 To 400, Add		*12.90*	
		For >400 To 600, Add		*19.35*	
		For >600 To 750, Add		*25.80*	
		For >750, Add		*32.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0020	LF	30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	282.59	
		For >100 To 250, Add	*7.06*	
		For >250 To 400, Add	*14.13*	
		For >400 To 600, Add	*21.19*	
		For >600 To 750, Add	*28.26*	
		For >750, Add	*35.32*	
33 11 13 00-0021	LF	36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	351.51	
		For >100 To 250, Add	*8.79*	
		For >250 To 400, Add	*17.58*	
		For >400 To 600, Add	*26.36*	
		For >600 To 750, Add	*35.15*	
		For >750, Add	*43.94*	
33 11 13 00-0022		Drill Hole In Sedimentary Rock *(33 11 13 00-0002)*		
33 11 13 00-0023	LF	6" Water Well Hole Drilled In Sedimentary Rock	49.50	
		For >100 To 250, Add	*1.24*	
		For >250 To 400, Add	*2.48*	
		For >400 To 600, Add	*3.71*	
		For >600 To 750, Add	*4.95*	
		For >750, Add	*6.19*	
33 11 13 00-0024	LF	8" Water Well Hole Drilled In Sedimentary Rock	57.64	
		For >100 To 250, Add	*1.44*	
		For >250 To 400, Add	*2.88*	
		For >400 To 600, Add	*4.32*	
		For >600 To 750, Add	*5.76*	
		For >750, Add	*7.21*	
33 11 13 00-0025	LF	10" Water Well Hole Drilled In Sedimentary Rock	92.30	
		For >100 To 250, Add	*2.31*	
		For >250 To 400, Add	*4.62*	
		For >400 To 600, Add	*6.92*	
		For >600 To 750, Add	*9.23*	
		For >750, Add	*11.54*	
33 11 13 00-0026	LF	12" Water Well Hole Drilled In Sedimentary Rock	120.68	
		For >100 To 250, Add	*3.02*	
		For >250 To 400, Add	*6.03*	
		For >400 To 600, Add	*9.05*	
		For >600 To 750, Add	*12.07*	
		For >750, Add	*15.09*	
33 11 13 00-0027	LF	14" Water Well Hole Drilled In Sedimentary Rock	173.69	
		For >100 To 250, Add	*4.34*	
		For >250 To 400, Add	*8.68*	
		For >400 To 600, Add	*13.03*	
		For >600 To 750, Add	*17.37*	
		For >750, Add	*21.71*	
33 11 13 00-0028	LF	16" Water Well Hole Drilled In Sedimentary Rock	226.69	
		For >100 To 250, Add	*5.67*	
		For >250 To 400, Add	*11.33*	
		For >400 To 600, Add	*17.00*	
		For >600 To 750, Add	*22.67*	
		For >750, Add	*28.34*	
33 11 13 00-0029	LF	18" Water Well Hole Drilled In Sedimentary Rock	269.55	
		For >100 To 250, Add	*6.74*	
		For >250 To 400, Add	*13.48*	
		For >400 To 600, Add	*20.22*	
		For >600 To 750, Add	*26.96*	
		For >750, Add	*33.69*	
33 11 13 00-0030	LF	20" Water Well Hole Drilled In Sedimentary Rock	312.79	
		For >100 To 250, Add	*7.82*	
		For >250 To 400, Add	*15.64*	
		For >400 To 600, Add	*23.46*	
		For >600 To 750, Add	*31.28*	
		For >750, Add	*39.10*	
33 11 13 00-0031	LF	22" Water Well Hole Drilled In Sedimentary Rock	368.43	
		For >100 To 250, Add	*9.21*	
		For >250 To 400, Add	*18.42*	
		For >400 To 600, Add	*27.63*	
		For >600 To 750, Add	*36.84*	
		For >750, Add	*46.05*	
33 11 13 00-0032	LF	24" Water Well Hole Drilled In Sedimentary Rock	425.57	
		For >100 To 250, Add	*10.64*	
		For >250 To 400, Add	*21.28*	
		For >400 To 600, Add	*31.92*	
		For >600 To 750, Add	*42.56*	
		For >750, Add	*53.20*	
33 11 13 00-0033	LF	26" Water Well Hole Drilled In Sedimentary Rock	469.00	
		For >100 To 250, Add	*11.73*	
		For >250 To 400, Add	*23.45*	
		For >400 To 600, Add	*35.18*	
		For >600 To 750, Add	*46.90*	
		For >750, Add	*58.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0034	LF	28" Water Well Hole Drilled In Sedimentary Rock	515.98	
		For >100 To 250, Add	*12.90*	
		For >250 To 400, Add	*25.80*	
		For >400 To 600, Add	*38.70*	
		For >600 To 750, Add	*51.60*	
		For >750, Add	*64.50*	
33 11 13 00-0035	LF	30" Water Well Hole Drilled In Sedimentary Rock	565.17	
		For >100 To 250, Add	*14.13*	
		For >250 To 400, Add	*28.26*	
		For >400 To 600, Add	*42.39*	
		For >600 To 750, Add	*56.52*	
		For >750, Add	*70.65*	
33 11 13 00-0036	LF	36" Water Well Hole Drilled In Sedimentary Rock	703.02	
		For >100 To 250, Add	*17.58*	
		For >250 To 400, Add	*35.15*	
		For >400 To 600, Add	*52.73*	
		For >600 To 750, Add	*70.30*	
		For >750, Add	*87.88*	
33 11 13 00-0037		Drill Hole In Crystalline Rock *(33 11 13 00-0002)*		
33 11 13 00-0038	LF	6" Water Well Hole Drilled In Crystalline Rock	101.82	
		For >100 To 250, Add	*2.55*	
		For >250 To 400, Add	*5.09*	
		For >400 To 600, Add	*7.64*	
		For >600 To 750, Add	*10.18*	
		For >750, Add	*12.73*	
33 11 13 00-0039	LF	8" Water Well Hole Drilled In Crystalline Rock	117.49	
		For >100 To 250, Add	*2.94*	
		For >250 To 400, Add	*5.87*	
		For >400 To 600, Add	*8.81*	
		For >600 To 750, Add	*11.75*	
		For >750, Add	*14.69*	
33 11 13 00-0040	LF	10" Water Well Hole Drilled In Crystalline Rock	134.71	
		For >100 To 250, Add	*3.37*	
		For >250 To 400, Add	*6.74*	
		For >400 To 600, Add	*10.10*	
		For >600 To 750, Add	*13.47*	
		For >750, Add	*16.84*	
33 11 13 00-0041	LF	12" Water Well Hole Drilled In Crystalline Rock	170.75	
		For >100 To 250, Add	*4.27*	
		For >250 To 400, Add	*8.54*	
		For >400 To 600, Add	*12.81*	
		For >600 To 750, Add	*17.08*	
		For >750, Add	*21.34*	
33 11 13 00-0042	LF	14" Water Well Hole Drilled In Crystalline Rock	220.87	
		For >100 To 250, Add	*5.52*	
		For >250 To 400, Add	*11.04*	
		For >400 To 600, Add	*16.57*	
		For >600 To 750, Add	*22.09*	
		For >750, Add	*27.61*	
33 11 13 00-0043	LF	16" Water Well Hole Drilled In Crystalline Rock	321.12	
		For >100 To 250, Add	*8.03*	
		For >250 To 400, Add	*16.06*	
		For >400 To 600, Add	*24.08*	
		For >600 To 750, Add	*32.11*	
		For >750, Add	*40.14*	
33 11 13 00-0044	LF	18" Water Well Hole Drilled In Crystalline Rock	382.21	
		For >100 To 250, Add	*9.56*	
		For >250 To 400, Add	*19.11*	
		For >400 To 600, Add	*28.67*	
		For >600 To 750, Add	*38.22*	
		For >750, Add	*47.78*	
33 11 13 00-0045	LF	20" Water Well Hole Drilled In Crystalline Rock	443.30	
		For >100 To 250, Add	*11.08*	
		For >250 To 400, Add	*22.17*	
		For >400 To 600, Add	*33.25*	
		For >600 To 750, Add	*44.33*	
		For >750, Add	*55.41*	
33 11 13 00-0046	LF	22" Water Well Hole Drilled In Crystalline Rock	521.63	
		For >100 To 250, Add	*13.04*	
		For >250 To 400, Add	*26.08*	
		For >400 To 600, Add	*39.12*	
		For >600 To 750, Add	*52.16*	
		For >750, Add	*65.20*	
33 11 13 00-0047	LF	24" Water Well Hole Drilled In Crystalline Rock	603.08	
		For >100 To 250, Add	*15.08*	
		For >250 To 400, Add	*30.15*	
		For >400 To 600, Add	*45.23*	
		For >600 To 750, Add	*60.31*	
		For >750, Add	*75.39*	
33 11 13 00-0048		Furnish And Install Casing *(33 11 13 00-0001)*		

Note: Excludes drilling of hole.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 11 13 00-0049 Steel Well Casing *(33 11 13 00-0048)*

33 11 13 00-0050	LF	6" Diameter, Steel Well Casing, Flush	42.30	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 400, Deduct	*-2.32*	
		For >400 To 600, Deduct	*-3.48*	
		For >600 To 750, Deduct	*-4.64*	
		For >750, Deduct	*-6.07*	
33 11 13 00-0051	LF	8" Diameter, Steel Well Casing, Flush	52.58	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 400, Deduct	*-2.89*	
		For >400 To 600, Deduct	*-4.33*	
		For >600 To 750, Deduct	*-5.77*	
		For >750, Deduct	*-7.55*	
33 11 13 00-0052	LF	10" Diameter, Steel Well Casing, Flush	77.99	
		For >100 To 250, Deduct	*-2.26*	
		For >250 To 400, Deduct	*-4.21*	
		For >400 To 600, Deduct	*-6.31*	
		For >600 To 750, Deduct	*-8.42*	
		For >750, Deduct	*-10.92*	
33 11 13 00-0053	LF	12" Diameter, Steel Well Casing, Flush	131.11	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 400, Deduct	*-6.93*	
		For >400 To 600, Deduct	*-10.39*	
		For >600 To 750, Deduct	*-13.85*	
		For >750, Deduct	*-17.80*	
33 11 13 00-0054	LF	14" Diameter, Steel Well Casing, Flush	146.88	
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 400, Deduct	*-7.86*	
		For >400 To 600, Deduct	*-11.79*	
		For >600 To 750, Deduct	*-15.72*	
		For >750, Deduct	*-20.32*	
33 11 13 00-0055	LF	16" Diameter, Steel Well Casing, Flush	172.38	
		For >100 To 250, Deduct	*-4.95*	
		For >250 To 400, Deduct	*-9.26*	
		For >400 To 600, Deduct	*-13.89*	
		For >600 To 750, Deduct	*-18.52*	
		For >750, Deduct	*-23.98*	
33 11 13 00-0056	LF	18" Diameter, Steel Well Casing, Flush	196.55	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 400, Deduct	*-10.63*	
		For >400 To 600, Deduct	*-15.95*	
		For >600 To 750, Deduct	*-21.26*	
		For >750, Deduct	*-27.62*	
33 11 13 00-0057	LF	20" Diameter, Steel Well Casing, Flush	223.96	
		For >100 To 250, Deduct	*-6.59*	
		For >250 To 400, Deduct	*-12.19*	
		For >400 To 600, Deduct	*-18.28*	
		For >600 To 750, Deduct	*-24.38*	
		For >750, Deduct	*-31.76*	
33 11 13 00-0058	LF	24" Diameter, Steel Well Casing, Flush	261.83	
		For >100 To 250, Deduct	*-7.66*	
		For >250 To 400, Deduct	*-14.21*	
		For >400 To 600, Deduct	*-21.31*	
		For >600 To 750, Deduct	*-28.41*	
		For >750, Deduct	*-36.96*	
33 11 13 00-0059	LB	Steel Well Casing, Furnish And Install	1.36	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 400, Deduct	*-0.08*	
		For >400 To 600, Deduct	*-0.12*	
		For >600 To 750, Deduct	*-0.16*	
		For >750, Deduct	*-0.22*	

33 11 13 00-0060 Stainless Steel Well Casing, Flush Threaded *(33 11 13 00-0048)*

33 11 13 00-0061	LF	6" Diameter, Stainless Steel Well Casing, Flush	89.56	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 400, Deduct	*-4.68*	
		For >400 To 600, Deduct	*-7.03*	
		For >600 To 750, Deduct	*-9.37*	
		For >750, Deduct	*-11.98*	
33 11 13 00-0062	LF	8" Diameter, Stainless Steel Well Casing, Flush	134.79	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 400, Deduct	*-7.00*	
		For >400 To 600, Deduct	*-10.50*	
		For >600 To 750, Deduct	*-13.99*	
		For >750, Deduct	*-17.83*	
33 11 13 00-0063	LF	10" Diameter, Stainless Steel Well Casing, Flush	188.50	
		For >100 To 250, Deduct	*-5.04*	
		For >250 To 400, Deduct	*-9.75*	
		For >400 To 600, Deduct	*-14.63*	
		For >600 To 750, Deduct	*-19.51*	
		For >750, Deduct	*-24.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0064	LF	12" Diameter, Stainless Steel Well Casing, Flush	219.18	
		For >100 To 250, Deduct	*-5.87*	
		For >250 To 400, Deduct	*-11.35*	
		For >400 To 600, Deduct	*-17.03*	
		For >600 To 750, Deduct	*-22.70*	
		For >750, Deduct	*-28.89*	

33 11 13 00-0065 Stainless Steel Well Casing, Welded Ring *(33 11 13 00-0048)*

33 11 13 00-0066	LF	10" Diameter, Stainless Steel Well Casing, Welded	198.40	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 400, Deduct	*-10.50*	
		For >400 To 600, Deduct	*-15.75*	
		For >600 To 750, Deduct	*-20.99*	
		For >750, Deduct	*-26.99*	
33 11 13 00-0067	LF	12" Diameter, Stainless Steel Well Casing, Welded	229.91	
		For >100 To 250, Deduct	*-6.41*	
		For >250 To 400, Deduct	*-12.16*	
		For >400 To 600, Deduct	*-18.23*	
		For >600 To 750, Deduct	*-24.31*	
		For >750, Deduct	*-31.25*	
33 11 13 00-0068	LF	14" Diameter, Stainless Steel Well Casing, Welded	276.58	
		For >100 To 250, Deduct	*-7.66*	
		For >250 To 400, Deduct	*-14.57*	
		For >400 To 600, Deduct	*-21.86*	
		For >600 To 750, Deduct	*-29.14*	
		For >750, Deduct	*-37.39*	
33 11 13 00-0069	LF	16" Diameter, Stainless Steel Well Casing, Welded	316.73	
		For >100 To 250, Deduct	*-8.76*	
		For >250 To 400, Deduct	*-16.68*	
		For >400 To 600, Deduct	*-25.02*	
		For >600 To 750, Deduct	*-33.36*	
		For >750, Deduct	*-42.80*	
33 11 13 00-0070	LF	18" Diameter, Stainless Steel Well Casing, Welded	349.53	
		For >100 To 250, Deduct	*-9.71*	
		For >250 To 400, Deduct	*-18.45*	
		For >400 To 600, Deduct	*-27.67*	
		For >600 To 750, Deduct	*-36.89*	
		For >750, Deduct	*-47.37*	
33 11 13 00-0071	LF	20" Diameter, Stainless Steel Well Casing, Welded	458.70	
		For >100 To 250, Deduct	*-12.62*	
		For >250 To 400, Deduct	*-24.09*	
		For >400 To 600, Deduct	*-36.13*	
		For >600 To 750, Deduct	*-48.18*	
		For >750, Deduct	*-61.73*	
33 11 13 00-0072	LF	24" Diameter, Stainless Steel Well Casing, Welded	604.83	
		For >100 To 250, Deduct	*-16.56*	
		For >250 To 400, Deduct	*-31.68*	
		For >400 To 600, Deduct	*-47.53*	
		For >600 To 750, Deduct	*-63.37*	
		For >750, Deduct	*-81.09*	

33 11 13 00-0073 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 *(33 11 13 00-0048)*

33 11 13 00-0074	LF	6" Polyvinyl Chloride (PVC) Well Casing	38.95	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 400, Deduct	*-2.11*	
		For >400 To 600, Deduct	*-3.17*	
		For >600 To 750, Deduct	*-4.23*	
		For >750, Deduct	*-5.50*	
33 11 13 00-0075	LF	8" Polyvinyl Chloride (PVC) Well Casing	61.83	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 400, Deduct	*-3.35*	
		For >400 To 600, Deduct	*-5.02*	
		For >600 To 750, Deduct	*-6.70*	
		For >750, Deduct	*-8.71*	
33 11 13 00-0076	LF	10" Polyvinyl Chloride (PVC) Well Casing	93.46	
		For >100 To 250, Deduct	*-2.73*	
		For >250 To 400, Deduct	*-5.06*	
		For >400 To 600, Deduct	*-7.60*	
		For >600 To 750, Deduct	*-10.13*	
		For >750, Deduct	*-13.17*	
33 11 13 00-0077	LF	12" Polyvinyl Chloride (PVC) Well Casing	110.33	
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 400, Deduct	*-5.99*	
		For >400 To 600, Deduct	*-8.99*	
		For >600 To 750, Deduct	*-11.98*	
		For >750, Deduct	*-15.59*	

33 11 13 00-0078 Furnish And Install Well Screen Assembly *(33 11 13 00-0001)*

33 11 13 00-0079 Stainless Steel Well Screen *(33 11 13 00-0078)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0080	LF	2" Stainless Steel Well Screen	26.87	1.65
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 400, Deduct	*-1.56*	
		For >400 To 600, Deduct	*-2.33*	
		For >600 To 750, Deduct	*-3.11*	
		For >750, Deduct	*-4.16*	
33 11 13 00-0081	LF	3" Stainless Steel Well Screen	43.38	1.65
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 400, Deduct	*-2.40*	
		For >400 To 600, Deduct	*-3.60*	
		For >600 To 750, Deduct	*-4.79*	
		For >750, Deduct	*-6.29*	
33 11 13 00-0082	LF	4" Stainless Steel Well Screen	54.49	2.47
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 400, Deduct	*-3.01*	
		For >400 To 600, Deduct	*-4.52*	
		For >600 To 750, Deduct	*-6.03*	
		For >750, Deduct	*-7.91*	
33 11 13 00-0083	LF	5" Stainless Steel Well Screen	69.04	2.47
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 400, Deduct	*-3.80*	
		For >400 To 600, Deduct	*-5.69*	
		For >600 To 750, Deduct	*-7.59*	
		For >750, Deduct	*-9.94*	
33 11 13 00-0084	LF	6" Stainless Steel Well Screen	82.47	3.30
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 400, Deduct	*-4.58*	
		For >400 To 600, Deduct	*-6.87*	
		For >600 To 750, Deduct	*-9.16*	
		For >750, Deduct	*-12.05*	
33 11 13 00-0085	LF	8" Stainless Steel Well Screen	107.72	4.13
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 400, Deduct	*-5.97*	
		For >400 To 600, Deduct	*-8.96*	
		For >600 To 750, Deduct	*-11.94*	
		For >750, Deduct	*-15.69*	
33 11 13 00-0086	LF	10" Stainless Steel Well Screen	136.37	6.60
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 400, Deduct	*-7.61*	
		For >400 To 600, Deduct	*-11.41*	
		For >600 To 750, Deduct	*-15.22*	
		For >750, Deduct	*-20.05*	
33 11 13 00-0087	LF	12" Stainless Steel Well Screen	160.02	8.25
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 400, Deduct	*-8.92*	
		For >400 To 600, Deduct	*-13.39*	
		For >600 To 750, Deduct	*-17.85*	
		For >750, Deduct	*-23.51*	
33 11 13 00-0088	LF	14" Stainless Steel Well Screen	175.32	9.08
		For >100 To 250, Deduct	*-5.45*	
		For >250 To 400, Deduct	*-9.83*	
		For >400 To 600, Deduct	*-14.74*	
		For >600 To 750, Deduct	*-19.66*	
		For >750, Deduct	*-25.96*	
33 11 13 00-0089	LF	16" Stainless Steel Well Screen	189.45	10.72
		For >100 To 250, Deduct	*-5.93*	
		For >250 To 400, Deduct	*-10.67*	
		For >400 To 600, Deduct	*-16.00*	
		For >600 To 750, Deduct	*-21.34*	
		For >750, Deduct	*-28.22*	
33 11 13 00-0090	LF	18" Stainless Steel Well Screen	227.14	12.37
		For >100 To 250, Deduct	*-7.15*	
		For >250 To 400, Deduct	*-12.83*	
		For >400 To 600, Deduct	*-19.25*	
		For >600 To 750, Deduct	*-25.66*	
		For >750, Deduct	*-33.99*	
33 11 13 00-0091	LF	20" Stainless Steel Well Screen	286.52	15.67
		For >100 To 250, Deduct	*-9.01*	
		For >250 To 400, Deduct	*-16.18*	
		For >400 To 600, Deduct	*-24.26*	
		For >600 To 750, Deduct	*-32.35*	
		For >750, Deduct	*-42.85*	
33 11 13 00-0092	LF	24" Stainless Steel Well Screen	371.51	20.62
		For >100 To 250, Deduct	*-11.71*	
		For >250 To 400, Deduct	*-21.00*	
		For >400 To 600, Deduct	*-31.50*	
		For >600 To 750, Deduct	*-42.00*	
		For >750, Deduct	*-55.66*	
33 11 13 00-0093	LF	26" Stainless Steel Well Screen	428.72	23.92
		For >100 To 250, Deduct	*-13.47*	
		For >250 To 400, Deduct	*-24.19*	
		For >400 To 600, Deduct	*-36.28*	
		For >600 To 750, Deduct	*-48.37*	
		For >750, Deduct	*-64.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0094		Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 *(33 11 13 00-0078)*		
33 11 13 00-0095	LF	1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	13.02	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 750, Deduct	*-1.63*	
		For >750, Deduct	*-2.25*	
		For Schedule 80, Add	*2.58*	
33 11 13 00-0096	LF	1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	14.74	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 400, Deduct	*-0.91*	
		For >400 To 600, Deduct	*-1.37*	
		For >600 To 750, Deduct	*-1.83*	
		For >750, Deduct	*-2.51*	
		For Schedule 80, Add	*3.09*	
33 11 13 00-0097	LF	2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	21.56	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 400, Deduct	*-1.39*	
		For >400 To 600, Deduct	*-2.09*	
		For >600 To 750, Deduct	*-2.78*	
		For >750, Deduct	*-3.89*	
		For Schedule 80, Add	*3.60*	
33 11 13 00-0098	LF	3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	30.28	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 400, Deduct	*-1.85*	
		For >400 To 600, Deduct	*-2.78*	
		For >600 To 750, Deduct	*-3.71*	
		For >750, Deduct	*-5.07*	
		For Schedule 80, Add	*6.70*	
33 11 13 00-0099	LF	4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	38.10	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 400, Deduct	*-2.33*	
		For >400 To 600, Deduct	*-3.50*	
		For >600 To 750, Deduct	*-4.67*	
		For >750, Deduct	*-6.39*	
		For Schedule 80, Add	*8.39*	
33 11 13 00-0100	LF	5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	47.42	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 400, Deduct	*-2.88*	
		For >400 To 600, Deduct	*-4.32*	
		For >600 To 750, Deduct	*-5.76*	
		For >750, Deduct	*-7.86*	
		For Schedule 80, Add	*10.81*	
33 11 13 00-0101	LF	6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	53.58	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 400, Deduct	*-3.36*	
		For >400 To 600, Deduct	*-5.04*	
		For >600 To 750, Deduct	*-6.72*	
		For >750, Deduct	*-9.28*	
		For Schedule 80, Add	*10.56*	
33 11 13 00-0102	LF	8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	75.98	
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 400, Deduct	*-4.67*	
		For >400 To 600, Deduct	*-7.00*	
		For >600 To 750, Deduct	*-9.34*	
		For >750, Deduct	*-12.80*	
		For Schedule 80, Add	*16.48*	
33 11 13 00-0103		Furnish And Install Gravel Pack Material *(33 11 13 00-0001)*		
		Note: Quantity is based on 3" space between wall and the casing or well screen.		
33 11 13 00-0104		Artificial Gravel Pack *(33 11 13 00-0103)*		
		Note: Excludes casing.		
33 11 13 00-0105	LF	Artificial Gravel Pack, 6" Casing, 2" Screen	16.46	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 400, Deduct	*-1.06*	
		For >400 To 600, Deduct	*-1.59*	
		For >600 To 750, Deduct	*-2.12*	
		For >750, Deduct	*-2.96*	
33 11 13 00-0106	LF	Artificial Gravel Pack, 8" Casing, 2" Screen	24.39	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 400, Deduct	*-1.59*	
		For >400 To 600, Deduct	*-2.39*	
		For >600 To 750, Deduct	*-3.18*	
		For >750, Deduct	*-4.46*	
33 11 13 00-0107	LF	Artificial Gravel Pack, 10" Casing, 2" Screen	34.14	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 400, Deduct	*-2.26*	
		For >400 To 600, Deduct	*-3.39*	
		For >600 To 750, Deduct	*-4.52*	
		For >750, Deduct	*-6.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0108	LF	Artificial Gravel Pack, 12" Casing, 2" Screen	43.65	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 400, Deduct	*-2.87*	
		For >400 To 600, Deduct	*-4.31*	
		For >600 To 750, Deduct	*-5.74*	
		For >750, Deduct	*-8.07*	
33 11 13 00-0109	LF	Artificial Gravel Pack, 14" Casing, 2" Screen	53.71	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 400, Deduct	*-3.51*	
		For >400 To 600, Deduct	*-5.26*	
		For >600 To 750, Deduct	*-7.02*	
		For >750, Deduct	*-9.84*	
33 11 13 00-0110	LF	Artificial Gravel Pack, 16" Casing, 2" Screen	69.31	
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 400, Deduct	*-4.48*	
		For >400 To 600, Deduct	*-6.72*	
		For >600 To 750, Deduct	*-8.96*	
		For >750, Deduct	*-12.52*	
33 11 13 00-0111	LF	Artificial Gravel Pack, 18" Casing, 2" Screen	79.40	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 400, Deduct	*-5.12*	
		For >400 To 600, Deduct	*-7.67*	
		For >600 To 750, Deduct	*-10.23*	
		For >750, Deduct	*-14.28*	
33 11 13 00-0112	LF	Artificial Gravel Pack, 20" Casing, 2" Screen	94.47	
		For >100 To 250, Deduct	*-3.76*	
		For >250 To 400, Deduct	*-6.12*	
		For >400 To 600, Deduct	*-9.18*	
		For >600 To 750, Deduct	*-12.25*	
		For >750, Deduct	*-17.12*	
33 11 13 00-0113	LF	Artificial Gravel Pack, 24" Casing, 2" Screen	106.99	
		For >100 To 250, Deduct	*-4.28*	
		For >250 To 400, Deduct	*-6.96*	
		For >400 To 600, Deduct	*-10.43*	
		For >600 To 750, Deduct	*-13.91*	
		For >750, Deduct	*-19.48*	
33 11 13 00-0114	LF	Artificial Gravel Pack, 26" Casing, 2" Screen	115.03	
		For >100 To 250, Deduct	*-4.55*	
		For >250 To 400, Deduct	*-7.43*	
		For >400 To 600, Deduct	*-11.14*	
		For >600 To 750, Deduct	*-14.86*	
		For >750, Deduct	*-20.76*	
33 11 13 00-0115	LF	Artificial Gravel Pack, 30" Casing, 2" Screen	137.46	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 400, Deduct	*-8.94*	
		For >400 To 600, Deduct	*-13.41*	
		For >600 To 750, Deduct	*-17.87*	
		For >750, Deduct	*-25.02*	
33 11 13 00-0116	LF	Artificial Gravel Pack, 36" Casing, 2" Screen	159.64	
		For >100 To 250, Deduct	*-6.51*	
		For >250 To 400, Deduct	*-10.50*	
		For >400 To 600, Deduct	*-15.75*	
		For >600 To 750, Deduct	*-21.00*	
		For >750, Deduct	*-29.52*	

33 11 13 00-0117 Develop Well *(33 11 13 00-0001)*

Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.

33 11 13 00-0118	HR	Develop Well	423.31

33 11 13 00-0119 Pump Test *(33 11 13 00-0001)*

Note: To determine water level and GPM flow rate.

33 11 13 00-0120	HR	Pump Test Well	375.07

33 11 13 00-0121 Test Well *(33 11 13 00-0001)*

33 11 13 00-0122	VLF	2-1/2" Diameter Test Well	102.55

33 11 13 00-0123 Surface Seal, Concrete Filled *(33 11 13)*

33 11 13 00-0124	SF	Surface Seal Well, Concrete Filled	32.35

33 11 13 00-0125 Other Water Well *(33 11 13)*

33 11 13 00-0126	SF	Patch Hole In Well Casing	89.47
33 11 13 00-0127	SF	1/2" Pressure Grout Well	2.26
33 11 13 00-0128	SF	1" Pressure Grout Well	3.66
33 11 13 00-0129	CF	Sediment Removal In Well Casing For Existing Well	5.16

33 11 13 00-0130 Sterilization Of Well *(33 11 13)*

33 11 13 00-0131	EA	Well Sterilization, Chlorine	1,469.03

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0132		Submersible Well Pumps *(33 11 13)* Note: Includes pump end, motor and control box.		
33 11 13 00-0133		4" Submersible Well Pumps *(33 11 13 00-0132)*		
33 11 13 00-0134		Powder Coated Case And Cast Iron Ends *(33 11 13 00-0133)*		
33 11 13 00-0135	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,321.36	445.84
33 11 13 00-0136	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,506.93	494.16
33 11 13 00-0137	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,672.42	549.07
33 11 13 00-0138		Stainless Steel Case And Ends *(33 11 13 00-0133)*		
33 11 13 00-0139	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,494.24	439.26
33 11 13 00-0140	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,704.70	494.16
33 11 13 00-0141	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,911.61	549.07
33 11 13 00-0142	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,191.93	603.97
33 11 13 00-0143	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,482.91	658.88
33 11 13 00-0144	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,057.77	768.69
33 11 13 00-0145	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,854.05	878.51
33 11 13 00-0146		6" Submersible Well Pumps *(33 11 13 00-0132)*		
33 11 13 00-0147	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,726.13	1,098.13
33 11 13 00-0148	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,302.02	1,207.94
33 11 13 00-0149	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,900.70	1,317.76
33 11 13 00-0150	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,188.95	1,537.39

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0001		Ductile Iron Piping *(33 14 13 13)*		
33 14 13 13-0002		Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)* Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0500 for bolts and gaskets.		
33 14 13 13-0003		Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)* Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	37.47	12.13
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*13.38*	
		For Cement Mortar Lining (CML), Add	*1.91*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.32*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.43*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.87*	
		For Class 52, Add	*6.10*	
		For Class 53, Add	*10.93*	
		For Class 54, Add	*15.57*	
		For Class 55, Add	*17.94*	
		For Class 56, Add	*20.28*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	40.56	12.90
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*14.71*	
		For Cement Mortar Lining (CML), Add	*2.10*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.35*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.58*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.03*	
		For Class 51, Add	*3.11*	
		For Class 52, Add	*6.69*	
		For Class 53, Add	*11.99*	
		For Class 54, Add	*17.08*	
		For Class 55, Add	*19.68*	
		For Class 56, Add	*22.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	43.28	13.54
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.96*	
		For Cement Mortar Lining (CML), Add	*2.28*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*12.31*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.71*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.16*	
		For Class 51, Add	*3.36*	
		For Class 52, Add	*7.24*	
		For Class 53, Add	*12.99*	
		For Class 54, Add	*18.50*	
		For Class 55, Add	*21.31*	
		For Class 56, Add	*24.07*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	50.50	14.08
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*20.42*	
		For Cement Mortar Lining (CML), Add	*2.92*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*15.75*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.19*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.53*	
		For Class 51, Add	*4.24*	
		For Class 52, Add	*9.14*	
		For Class 53, Add	*16.43*	
		For Class 54, Add	*23.42*	
		For Class 55, Add	*26.96*	
		For Class 56, Add	*30.43*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	68.13	19.92
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*22.77*	
		For Cement Mortar Lining (CML), Add	*3.80*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*6.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.85*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.41*	
		For Class 51, Add	*5.55*	
		For Class 52, Add	*11.95*	
		For Class 53, Add	*21.47*	
		For Class 54, Add	*30.59*	
		For Class 55, Add	*35.23*	
		For Class 56, Add	*39.78*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	81.99	22.12
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*24.23*	
		For Cement Mortar Lining (CML), Add	*4.85*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*19.38*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.63*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.10*	
		For Class 51, Add	*7.02*	
		For Class 52, Add	*15.14*	
		For Class 53, Add	*27.23*	
		For Class 54, Add	*38.82*	
		For Class 55, Add	*44.67*	
		For Class 56, Add	*50.42*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	97.82	24.85
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.44*	
		For Cement Mortar Lining (CML), Add	*6.01*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*20.43*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.51*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.89*	
		For Class 51, Add	*8.66*	
		For Class 52, Add	*18.68*	
		For Class 53, Add	*33.62*	
		For Class 54, Add	*47.95*	
		For Class 55, Add	*55.16*	
		For Class 56, Add	*62.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	110.49	28.47
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.63*	
		For Cement Mortar Lining (CML), Add	*6.74*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*20.89*	
		For Fusion Bonded Epoxy Lining (206N), Add	*12.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.05*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.62*	
		For Class 51, Add	*9.72*	
		For Class 52, Add	*20.96*	
		For Class 53, Add	*37.73*	
		For Class 54, Add	*53.80*	
		For Class 55, Add	*61.89*	
		For Class 56, Add	*69.84*	
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	136.70	33.20
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*35.43*	
		For Cement Mortar Lining (CML), Add	*8.64*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*26.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*15.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.48*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.84*	
		For Class 51, Add	*12.41*	
		For Class 52, Add	*26.76*	
		For Class 53, Add	*48.19*	
		For Class 54, Add	*68.74*	
		For Class 55, Add	*79.05*	
		For Class 56, Add	*89.19*	
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	155.51	39.83
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*36.16*	
		For Cement Mortar Lining (CML), Add	*9.52*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*26.64*	
		For Fusion Bonded Epoxy Lining (206N), Add	*17.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.14*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.78*	
		For Class 51, Add	*13.72*	
		For Class 52, Add	*29.59*	
		For Class 53, Add	*53.26*	
		For Class 54, Add	*75.95*	
		For Class 55, Add	*87.37*	
		For Class 56, Add	*98.59*	
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	203.15	49.79
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*39.59*	
		For Cement Mortar Lining (CML), Add	*12.77*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*26.82*	
		For Fusion Bonded Epoxy Lining (206N), Add	*22.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.58*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-10.16*	
		For Class 51, Add	*18.35*	
		For Class 52, Add	*39.57*	
		For Class 53, Add	*71.27*	
		For Class 54, Add	*101.65*	
		For Class 55, Add	*116.91*	
		For Class 56, Add	*131.90*	
33 14 13 13-0015	LF	30", Class 50, Mechanical Joint Ductile Iron Pipe	260.57	53.61
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*55.83*	
		For Cement Mortar Lining (CML), Add	*18.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.51*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-13.03*	
		For Class 51, Add	*25.55*	
		For Class 52, Add	*55.16*	
		For Class 53, Add	*99.53*	
		For Class 54, Add	*142.05*	
		For Class 55, Add	*163.25*	
		For Class 56, Add	*184.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0016	LF	36", Class 50, Mechanical Joint Ductile Iron Pipe	310.70	56.93
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*69.81*	
		For Cement Mortar Lining (CML), Add	*22.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.89*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-15.54*	
		For Class 51, Add	*31.76*	
		For Class 52, Add	*68.59*	
		For Class 53, Add	*123.89*	
		For Class 54, Add	*176.87*	
		For Class 55, Add	*203.18*	
		For Class 56, Add	*229.02*	
33 14 13 13-0017	LF	42", Class 50, Mechanical Joint Ductile Iron Pipe	380.63	60.25
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*89.93*	
		For Cement Mortar Lining (CML), Add	*29.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.76*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-19.03*	
		For Class 51, Add	*40.67*	
		For Class 52, Add	*87.87*	
		For Class 53, Add	*158.86*	
		For Class 54, Add	*226.86*	
		For Class 55, Add	*260.51*	
		For Class 56, Add	*293.55*	
33 14 13 13-0018	LF	48", Class 50, Mechanical Joint Ductile Iron Pipe	465.32	63.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*114.63*	
		For Cement Mortar Lining (CML), Add	*36.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.73*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-23.27*	
		For Class 51, Add	*51.59*	
		For Class 52, Add	*111.51*	
		For Class 53, Add	*201.74*	
		For Class 54, Add	*288.16*	
		For Class 55, Add	*330.81*	
		For Class 56, Add	*372.67*	

33 14 13 13-0019 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0020	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	155.13	38.29
		For Cement Mortar Lining (CML), Add	*9.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	175.00	45.75
		For Cement Mortar Lining (CML), Add	*10.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	275.19	67.62
		For Cement Mortar Lining (CML), Add	*17.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	372.91	80.20
		For Cement Mortar Lining (CML), Add	*25.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	533.63	88.31
		For Cement Mortar Lining (CML), Add	*39.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.99*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0025	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	695.29	103.60
		For Cement Mortar Lining (CML), Add	*53.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	1,077.12	116.17
		For Cement Mortar Lining (CML), Add	*90.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*162.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,425.03	132.77
		For Cement Mortar Lining (CML), Add	*122.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*220.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	1,755.37	185.87
		For Cement Mortar Lining (CML), Add	*147.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*265.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	2,407.03	232.35
		For Cement Mortar Lining (CML), Add	*205.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*369.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*154.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	3,536.37	309.39
		For Cement Mortar Lining (CML), Add	*306.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*552.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*230.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	30" Mechanical Joint Ductile Iron 90 Degree Elbow	5,425.51	331.92
		For Cement Mortar Lining (CML), Add	*492.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*886.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*369.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	36" Mechanical Joint Ductile Iron 90 Degree Elbow	8,217.98	344.60
		For Cement Mortar Lining (CML), Add	*769.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,385.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*577.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	42" Mechanical Joint Ductile Iron 90 Degree Elbow	13,800.39	398.31
		For Cement Mortar Lining (CML), Add	*1,319.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,375.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*989.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	48" Mechanical Joint Ductile Iron 90 Degree Elbow	18,238.82	423.76
		For Cement Mortar Lining (CML), Add	*1,759.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,167.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,319.76*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0035 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0036	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	145.13	38.29
		For Cement Mortar Lining (CML), Add	*8.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	156.43	45.75
		For Cement Mortar Lining (CML), Add	*8.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.53*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0038	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	242.34	67.62
		For Cement Mortar Lining (CML), Add	*14.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	325.79	80.20
		For Cement Mortar Lining (CML), Add	*20.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0040	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	432.24	88.31
		For Cement Mortar Lining (CML), Add	*29.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	602.46	103.60
		For Cement Mortar Lining (CML), Add	*44.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	877.19	116.17
		For Cement Mortar Lining (CML), Add	*70.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,075.15	132.77
		For Cement Mortar Lining (CML), Add	*87.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,535.44	185.87
		For Cement Mortar Lining (CML), Add	*125.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*225.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,691.56	232.35
		For Cement Mortar Lining (CML), Add	*133.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*241.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	2,503.86	309.39
		For Cement Mortar Lining (CML), Add	*203.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*366.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	30" Mechanical Joint Ductile Iron 45 Degree Elbow	4,637.21	331.92
		For Cement Mortar Lining (CML), Add	*413.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*744.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*310.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	36" Mechanical Joint Ductile Iron 45 Degree Elbow	6,567.12	344.60
		For Cement Mortar Lining (CML), Add	*604.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,088.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*453.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	42" Mechanical Joint Ductile Iron 45 Degree Elbow	9,891.73	398.31
		For Cement Mortar Lining (CML), Add	*928.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,671.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*696.62*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0050	EA	48" Mechanical Joint Ductile Iron 45 Degree Elbow	12,813.55	423.76
		For Cement Mortar Lining (CML), Add	*1,217.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,190.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*912.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051		Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	126.57	38.29
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	152.15	45.75
		For Cement Mortar Lining (CML), Add	*8.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	230.92	67.62
		For Cement Mortar Lining (CML), Add	*12.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	321.50	80.20
		For Cement Mortar Lining (CML), Add	*19.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	430.81	88.31
		For Cement Mortar Lining (CML), Add	*29.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	546.77	103.60
		For Cement Mortar Lining (CML), Add	*38.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	885.76	116.17
		For Cement Mortar Lining (CML), Add	*70.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*127.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,039.45	132.77
		For Cement Mortar Lining (CML), Add	*83.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,311.24	185.87
		For Cement Mortar Lining (CML), Add	*102.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*185.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,751.54	232.35
		For Cement Mortar Lining (CML), Add	*139.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*251.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,346.78	309.39
		For Cement Mortar Lining (CML), Add	*187.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*338.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*140.84*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0063	EA	30" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,967.44	331.92
		For Cement Mortar Lining (CML), Add	*346.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*623.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*259.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064	EA	36" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,600.31	344.60
		For Cement Mortar Lining (CML), Add	*507.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*914.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*380.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	42" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	8,270.86	398.31
		For Cement Mortar Lining (CML), Add	*766.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,380.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*575.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	48" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,625.73	423.76
		For Cement Mortar Lining (CML), Add	*998.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,797.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*748.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067		**Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0068	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	126.57	38.29
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	147.86	45.75
		For Cement Mortar Lining (CML), Add	*7.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	235.20	67.62
		For Cement Mortar Lining (CML), Add	*13.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	302.94	80.20
		For Cement Mortar Lining (CML), Add	*18.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	427.95	88.31
		For Cement Mortar Lining (CML), Add	*29.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	522.49	103.60
		For Cement Mortar Lining (CML), Add	*36.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	985.72	116.17
		For Cement Mortar Lining (CML), Add	*80.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,088.01	132.77
		For Cement Mortar Lining (CML), Add	*88.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*159.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.51*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0076	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,582.57	185.87
		For Cement Mortar Lining (CML), Add	*130.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*234.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,670.14	232.35
		For Cement Mortar Lining (CML), Add	*131.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*237.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,226.82	309.39
		For Cement Mortar Lining (CML), Add	*175.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*316.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	30" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,030.28	331.92
		For Cement Mortar Lining (CML), Add	*352.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*634.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*264.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	36" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,343.26	344.60
		For Cement Mortar Lining (CML), Add	*482.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*867.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*361.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	42" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	7,920.98	398.31
		For Cement Mortar Lining (CML), Add	*731.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,317.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*548.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	48" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	10,557.18	423.76
		For Cement Mortar Lining (CML), Add	*991.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,784.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*743.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0084	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	159.41	38.29
		For Cement Mortar Lining (CML), Add	*10.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	194.99	45.75
		For Cement Mortar Lining (CML), Add	*12.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	310.89	67.62
		For Cement Mortar Lining (CML), Add	*20.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	420.04	80.20
		For Cement Mortar Lining (CML), Add	*29.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.39*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0088	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	602.18	88.31
		For Cement Mortar Lining (CML), Add	*46.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	769.55	103.60
		For Cement Mortar Lining (CML), Add	*61.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,315.61	116.17
		For Cement Mortar Lining (CML), Add	*113.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*205.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,006.26	132.77
		For Cement Mortar Lining (CML), Add	*180.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*324.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,332.31	185.87
		For Cement Mortar Lining (CML), Add	*205.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*369.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,166.77	232.35
		For Cement Mortar Lining (CML), Add	*281.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*506.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,850.54	309.39
		For Cement Mortar Lining (CML), Add	*338.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*608.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*253.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,162.06	331.92
		For Cement Mortar Lining (CML), Add	*665.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,198.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*499.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	12,793.55	344.60
		For Cement Mortar Lining (CML), Add	*1,227.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,208.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*920.36*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0097 Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0098	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	146.56	38.29
		For Cement Mortar Lining (CML), Add	*8.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	160.72	45.75
		For Cement Mortar Lining (CML), Add	*9.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.86*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0100	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	258.05	67.62
		For Cement Mortar Lining (CML), Add	*15.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	371.48	80.20
		For Cement Mortar Lining (CML), Add	*24.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	505.07	88.31
		For Cement Mortar Lining (CML), Add	*37.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	685.29	103.60
		For Cement Mortar Lining (CML), Add	*52.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,165.66	116.17
		For Cement Mortar Lining (CML), Add	*98.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*178.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,770.63	132.77
		For Cement Mortar Lining (CML), Add	*156.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,093.82	185.87
		For Cement Mortar Lining (CML), Add	*181.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*326.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,718.35	232.35
		For Cement Mortar Lining (CML), Add	*236.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,417.84	309.39
		For Cement Mortar Lining (CML), Add	*294.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*530.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*221.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,295.21	331.92
		For Cement Mortar Lining (CML), Add	*579.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,042.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*434.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	11,198.39	344.60
		For Cement Mortar Lining (CML), Add	*1,067.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,921.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*800.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111		Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*		
33 14 13 13-0112	EA	3" x 3" Mechanical Joint Ductile Iron Tee	252.69	57.44
		For Cement Mortar Lining (CML), Add	*16.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.42*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0113	EA	4" x 3" Mechanical Joint Ductile Iron Tee	262.92	64.19
		For Cement Mortar Lining (CML), Add	*16.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	4" x 4" Mechanical Joint Ductile Iron Tee	240.91	67.62
		For Cement Mortar Lining (CML), Add	*13.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	6" x 3" Mechanical Joint Ductile Iron Tee	320.41	85.17
		For Cement Mortar Lining (CML), Add	*19.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	6" x 4" Mechanical Joint Ductile Iron Tee	367.15	88.69
		For Cement Mortar Lining (CML), Add	*23.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	6" x 6" Mechanical Joint Ductile Iron Tee	400.28	99.29
		For Cement Mortar Lining (CML), Add	*24.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	8" x 4" Mechanical Joint Ductile Iron Tee	425.63	102.78
		For Cement Mortar Lining (CML), Add	*26.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	8" x 6" Mechanical Joint Ductile Iron Tee	483.04	113.33
		For Cement Mortar Lining (CML), Add	*31.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	8" x 8" Mechanical Joint Ductile Iron Tee	557.98	120.41
		For Cement Mortar Lining (CML), Add	*37.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	10" x 4" Mechanical Joint Ductile Iron Tee	580.43	109.76
		For Cement Mortar Lining (CML), Add	*41.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	10" x 6" Mechanical Joint Ductile Iron Tee	582.67	119.72
		For Cement Mortar Lining (CML), Add	*40.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	10" x 8" Mechanical Joint Ductile Iron Tee	661.29	126.36
		For Cement Mortar Lining (CML), Add	*46.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	10" x 10" Mechanical Joint Ductile Iron Tee	738.13	132.77
		For Cement Mortar Lining (CML), Add	*53.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.27*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0125	EA	12" x 4" Mechanical Joint Ductile Iron Tee	693.38	123.04
		For Cement Mortar Lining (CML), Add	*50.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*91.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	12" x 6" Mechanical Joint Ductile Iron Tee	787.00	132.98
		For Cement Mortar Lining (CML), Add	*58.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	12" x 8" Mechanical Joint Ductile Iron Tee	964.15	139.63
		For Cement Mortar Lining (CML), Add	*75.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*135.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,032.42	146.05
		For Cement Mortar Lining (CML), Add	*81.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*146.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	12" x 12" Mechanical Joint Ductile Iron Tee	981.07	152.69
		For Cement Mortar Lining (CML), Add	*74.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*134.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	14" x 6" Mechanical Joint Ductile Iron Tee	1,045.93	154.96
		For Cement Mortar Lining (CML), Add	*81.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*146.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	14" x 8" Mechanical Joint Ductile Iron Tee	1,163.11	161.61
		For Cement Mortar Lining (CML), Add	*91.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	14" x 10" Mechanical Joint Ductile Iron Tee	1,481.29	168.01
		For Cement Mortar Lining (CML), Add	*122.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*220.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*92.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	14" x 12" Mechanical Joint Ductile Iron Tee	1,582.74	174.65
		For Cement Mortar Lining (CML), Add	*131.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*237.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	14" x 14" Mechanical Joint Ductile Iron Tee	1,529.41	185.68
		For Cement Mortar Lining (CML), Add	*124.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*224.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	16" x 6" Mechanical Joint Ductile Iron Tee	1,328.31	185.87
		For Cement Mortar Lining (CML), Add	*104.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	16" x 8" Mechanical Joint Ductile Iron Tee	1,428.44	192.51
		For Cement Mortar Lining (CML), Add	*113.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.26*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0137	EA	16" x 10" Mechanical Joint Ductile Iron Tee	1,660.93	198.93
		For Cement Mortar Lining (CML), Add	*135.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*244.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	16" x 12" Mechanical Joint Ductile Iron Tee	1,816.66	205.56
		For Cement Mortar Lining (CML), Add	*150.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*270.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0139	EA	16" x 14" Mechanical Joint Ductile Iron Tee	2,183.19	216.56
		For Cement Mortar Lining (CML), Add	*185.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*333.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*139.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	16" x 16" Mechanical Joint Ductile Iron Tee	2,066.64	232.04
		For Cement Mortar Lining (CML), Add	*171.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*308.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141	EA	18" x 6" Mechanical Joint Ductile Iron Tee	1,842.77	237.88
		For Cement Mortar Lining (CML), Add	*148.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*266.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0142	EA	18" x 8" Mechanical Joint Ductile Iron Tee	1,975.65	244.52
		For Cement Mortar Lining (CML), Add	*160.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*288.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	18" x 10" Mechanical Joint Ductile Iron Tee	2,136.75	250.94
		For Cement Mortar Lining (CML), Add	*175.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*316.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	18" x 12" Mechanical Joint Ductile Iron Tee	2,296.76	257.57
		For Cement Mortar Lining (CML), Add	*190.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*343.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	18" x 14" Mechanical Joint Ductile Iron Tee	2,363.38	268.56
		For Cement Mortar Lining (CML), Add	*195.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	18" x 16" Mechanical Joint Ductile Iron Tee	2,522.47	284.02
		For Cement Mortar Lining (CML), Add	*209.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*376.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	18" x 18" Mechanical Joint Ductile Iron Tee	2,951.72	310.00
		For Cement Mortar Lining (CML), Add	*248.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*446.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*186.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	20" x 6" Mechanical Joint Ductile Iron Tee	2,184.85	341.12
		For Cement Mortar Lining (CML), Add	*166.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*300.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0149	EA	20" x 8" Mechanical Joint Ductile Iron Tee	2,232.05	347.77
		For Cement Mortar Lining (CML), Add	*170.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*306.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	20" x 10" Mechanical Joint Ductile Iron Tee	2,428.84	354.17
		For Cement Mortar Lining (CML), Add	*189.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*141.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151	EA	20" x 12" Mechanical Joint Ductile Iron Tee	2,624.55	360.81
		For Cement Mortar Lining (CML), Add	*207.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*374.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*155.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	20" x 14" Mechanical Joint Ductile Iron Tee	2,656.90	371.79
		For Cement Mortar Lining (CML), Add	*209.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*376.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*157.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	20" x 16" Mechanical Joint Ductile Iron Tee	2,697.45	387.25
		For Cement Mortar Lining (CML), Add	*211.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*379.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	20" x 18" Mechanical Joint Ductile Iron Tee	3,382.34	413.26
		For Cement Mortar Lining (CML), Add	*275.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*496.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*206.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	20" x 20" Mechanical Joint Ductile Iron Tee	2,992.14	464.90
		For Cement Mortar Lining (CML), Add	*228.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*411.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*171.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	24" x 6" Mechanical Joint Ductile Iron Tee	2,679.24	444.04
		For Cement Mortar Lining (CML), Add	*200.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	24" x 8" Mechanical Joint Ductile Iron Tee	2,715.02	451.31
		For Cement Mortar Lining (CML), Add	*203.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*365.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	24" x 10" Mechanical Joint Ductile Iron Tee	2,987.49	457.10
		For Cement Mortar Lining (CML), Add	*229.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*413.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	24" x 12" Mechanical Joint Ductile Iron Tee	3,061.81	463.74
		For Cement Mortar Lining (CML), Add	*235.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*424.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	24" x 14" Mechanical Joint Ductile Iron Tee	3,441.19	474.72
		For Cement Mortar Lining (CML), Add	*272.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*489.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*204.14*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0161	EA	24" x 16" Mechanical Joint Ductile Iron Tee	3,714.52	490.17
		For Cement Mortar Lining (CML), Add	*297.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*534.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*222.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	24" x 18" Mechanical Joint Ductile Iron Tee	4,216.63	516.19
		For Cement Mortar Lining (CML), Add	*343.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*618.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*257.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	24" x 20" Mechanical Joint Ductile Iron Tee	4,673.28	567.80
		For Cement Mortar Lining (CML), Add	*381.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*686.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*285.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	24" x 24" Mechanical Joint Ductile Iron Tee	4,334.25	619.29
		For Cement Mortar Lining (CML), Add	*339.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*611.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*254.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	30" x 8" Mechanical Joint Ductile Iron Tee	4,625.22	523.83
		For Cement Mortar Lining (CML), Add	*383.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*689.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	30" x 10" Mechanical Joint Ductile Iron Tee	4,870.56	530.24
		For Cement Mortar Lining (CML), Add	*406.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*732.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*305.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	30" x 12" Mechanical Joint Ductile Iron Tee	5,116.25	536.87
		For Cement Mortar Lining (CML), Add	*430.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*774.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*322.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	30" x 14" Mechanical Joint Ductile Iron Tee	5,467.07	547.86
		For Cement Mortar Lining (CML), Add	*463.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*834.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*347.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	30" x 16" Mechanical Joint Ductile Iron Tee	5,847.51	728.93
		For Cement Mortar Lining (CML), Add	*499.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*898.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*374.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	30" x 18" Mechanical Joint Ductile Iron Tee	6,006.85	589.32
		For Cement Mortar Lining (CML), Add	*511.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*920.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*383.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	30" x 20" Mechanical Joint Ductile Iron Tee	6,252.16	640.94
		For Cement Mortar Lining (CML), Add	*528.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*950.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*396.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0172	EA	30" x 24" Mechanical Joint Ductile Iron Tee	6,571.48	692.40
		For Cement Mortar Lining (CML), Add	*552.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*994.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*414.18*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0173	EA	30" x 30" Mechanical Joint Ductile Iron Tee	8,223.48	728.93
		For Cement Mortar Lining (CML), Add	*711.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,281.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*533.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	30" x 6" Mechanical Joint Ductile Iron Tee	4,832.22	517.18
		For Cement Mortar Lining (CML), Add	*404.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*728.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*303.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	36" x 8" Mechanical Joint Ductile Iron Tee	5,647.38	581.09
		For Cement Mortar Lining (CML), Add	*476.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*858.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*357.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	36" x 10" Mechanical Joint Ductile Iron Tee	6,276.88	587.51
		For Cement Mortar Lining (CML), Add	*538.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*969.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*404.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	36" x 12" Mechanical Joint Ductile Iron Tee	6,618.25	594.14
		For Cement Mortar Lining (CML), Add	*571.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,029.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*428.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	36" x 14" Mechanical Joint Ductile Iron Tee	6,864.81	605.13
		For Cement Mortar Lining (CML), Add	*594.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,070.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*446.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	36" x 16" Mechanical Joint Ductile Iron Tee	7,115.30	620.59
		For Cement Mortar Lining (CML), Add	*617.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,111.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*463.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	36" x 18" Mechanical Joint Ductile Iron Tee	7,594.55	646.59
		For Cement Mortar Lining (CML), Add	*661.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,190.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*496.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	36" x 20" Mechanical Joint Ductile Iron Tee	8,114.03	698.21
		For Cement Mortar Lining (CML), Add	*705.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,270.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*529.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	36" x 24" Mechanical Joint Ductile Iron Tee	8,974.59	749.67
		For Cement Mortar Lining (CML), Add	*783.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,410.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*587.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	36" x 30" Mechanical Joint Ductile Iron Tee	9,916.85	814.92
		For Cement Mortar Lining (CML), Add	*872.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,570.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*654.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	36" x 36" Mechanical Joint Ductile Iron Tee	11,566.81	814.92
		For Cement Mortar Lining (CML), Add	*1,033.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,859.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*774.91*	
		Note: ANSI/AWWA C151/A21.51		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0185	EA	42" x 12" Mechanical Joint Ductile Iron Tee	12,967.44	626.15
		For Cement Mortar Lining (CML), Add	*1,201.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,163.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*901.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	42" x 14" Mechanical Joint Ductile Iron Tee	13,226.86	637.14
		For Cement Mortar Lining (CML), Add	*1,226.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,207.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*919.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	42" x 16" Mechanical Joint Ductile Iron Tee	14,694.07	652.59
		For Cement Mortar Lining (CML), Add	*1,370.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,466.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,027.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	42" x 18" Mechanical Joint Ductile Iron Tee	13,748.09	678.60
		For Cement Mortar Lining (CML), Add	*1,271.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,289.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*953.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	42" x 20" Mechanical Joint Ductile Iron Tee	13,826.30	730.22
		For Cement Mortar Lining (CML), Add	*1,271.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,289.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*953.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	42" x 24" Mechanical Joint Ductile Iron Tee	14,137.06	781.68
		For Cement Mortar Lining (CML), Add	*1,295.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,331.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*971.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	42" x 30" Mechanical Joint Ductile Iron Tee	17,128.60	818.25
		For Cement Mortar Lining (CML), Add	*1,588.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,859.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,191.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	42" x 36" Mechanical Joint Ductile Iron Tee	17,838.89	846.89
		For Cement Mortar Lining (CML), Add	*1,655.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,980.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,241.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	42" x 42" Mechanical Joint Ductile Iron Tee	18,867.08	862.90
		For Cement Mortar Lining (CML), Add	*1,755.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,160.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,316.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194	EA	48" x 12" Mechanical Joint Ductile Iron Tee	15,271.11	677.17
		For Cement Mortar Lining (CML), Add	*1,424.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,564.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,068.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0195	EA	48" x 14" Mechanical Joint Ductile Iron Tee	15,544.81	688.15
		For Cement Mortar Lining (CML), Add	*1,450.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,610.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,087.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196	EA	48" x 16" Mechanical Joint Ductile Iron Tee	15,932.38	703.61
		For Cement Mortar Lining (CML), Add	*1,486.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,675.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,114.97*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0197	EA	48" x 18" Mechanical Joint Ductile Iron Tee	16,334.52	729.62
		For Cement Mortar Lining (CML), Add	*1,522.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,741.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,142.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0198	EA	48" x 20" Mechanical Joint Ductile Iron Tee	16,776.90	781.23
		For Cement Mortar Lining (CML), Add	*1,559.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,806.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,169.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0199	EA	48" x 24" Mechanical Joint Ductile Iron Tee	16,903.42	832.69
		For Cement Mortar Lining (CML), Add	*1,564.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,815.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,173.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	48" x 30" Mechanical Joint Ductile Iron Tee	20,556.16	869.26
		For Cement Mortar Lining (CML), Add	*1,923.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,463.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,442.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	48" x 36" Mechanical Joint Ductile Iron Tee	23,427.13	897.90
		For Cement Mortar Lining (CML), Add	*2,206.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,972.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,655.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	48" x 42" Mechanical Joint Ductile Iron Tee	24,571.00	913.90
		For Cement Mortar Lining (CML), Add	*2,318.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,173.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,738.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	48" x 48" Mechanical Joint Ductile Iron Tee	24,982.39	939.45
		For Cement Mortar Lining (CML), Add	*2,355.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,240.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,766.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0204		**Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0002)*		
33 14 13 13-0205	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	218.65	64.19
		For Cement Mortar Lining (CML), Add	*12.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0206	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	329.45	67.58
		For Cement Mortar Lining (CML), Add	*22.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0207	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	320.41	85.17
		For Cement Mortar Lining (CML), Add	*19.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0208	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	368.58	88.69
		For Cement Mortar Lining (CML), Add	*23.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0209	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	493.11	99.24
		For Cement Mortar Lining (CML), Add	*34.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.71*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0210	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	628.41	102.78
		For Cement Mortar Lining (CML), Add	*47.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0211	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	567.30	113.33
		For Cement Mortar Lining (CML), Add	*39.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0212	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	682.23	120.38
		For Cement Mortar Lining (CML), Add	*49.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0213	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	961.73	109.76
		For Cement Mortar Lining (CML), Add	*79.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*143.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0214	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,018.23	119.72
		For Cement Mortar Lining (CML), Add	*83.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0215	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,168.26	126.36
		For Cement Mortar Lining (CML), Add	*97.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0216	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,313.64	132.77
		For Cement Mortar Lining (CML), Add	*111.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,224.62	123.04
		For Cement Mortar Lining (CML), Add	*103.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*186.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0218	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,383.94	132.98
		For Cement Mortar Lining (CML), Add	*118.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*212.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,663.91	139.63
		For Cement Mortar Lining (CML), Add	*145.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*261.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*108.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,712.19	146.05
		For Cement Mortar Lining (CML), Add	*149.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*268.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0221	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,555.16	152.68
		For Cement Mortar Lining (CML), Add	*132.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*238.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.29*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0222	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,828.52	154.96
		For Cement Mortar Lining (CML), Add	*159.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*286.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*119.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0223	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,089.93	161.61
		For Cement Mortar Lining (CML), Add	*184.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*332.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0224	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,720.86	168.01
		For Cement Mortar Lining (CML), Add	*246.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*443.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*184.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0225	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,913.71	174.65
		For Cement Mortar Lining (CML), Add	*264.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*476.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*198.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0226	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,850.39	185.64
		For Cement Mortar Lining (CML), Add	*256.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*462.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,883.93	185.87
		For Cement Mortar Lining (CML), Add	*160.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*288.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,071.08	192.51
		For Cement Mortar Lining (CML), Add	*177.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*320.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*133.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,436.38	198.93
		For Cement Mortar Lining (CML), Add	*213.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*384.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,722.06	205.56
		For Cement Mortar Lining (CML), Add	*241.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*433.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*180.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,398.48	216.56
		For Cement Mortar Lining (CML), Add	*307.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*552.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*230.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,281.94	232.01
		For Cement Mortar Lining (CML), Add	*293.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*527.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*219.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,955.24	237.88
		For Cement Mortar Lining (CML), Add	*259.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*467.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*194.61*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0234	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,179.52	244.52
		For Cement Mortar Lining (CML), Add	*280.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*505.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,396.31	250.94
		For Cement Mortar Lining (CML), Add	*301.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*542.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*226.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,632.01	257.57
		For Cement Mortar Lining (CML), Add	*324.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*583.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*243.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,674.36	268.56
		For Cement Mortar Lining (CML), Add	*326.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*588.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*245.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,714.91	284.02
		For Cement Mortar Lining (CML), Add	*328.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*591.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*246.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	3,408.71	310.01
		For Cement Mortar Lining (CML), Add	*293.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*529.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*220.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,518.67	341.12
		For Cement Mortar Lining (CML), Add	*300.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*540.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*225.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,595.86	347.77
		For Cement Mortar Lining (CML), Add	*306.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*552.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*230.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,942.60	354.17
		For Cement Mortar Lining (CML), Add	*340.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*613.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*255.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,286.83	360.81
		For Cement Mortar Lining (CML), Add	*374.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*673.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*280.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,332.03	371.79
		For Cement Mortar Lining (CML), Add	*376.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*678.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*282.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,385.44	387.25
		For Cement Mortar Lining (CML), Add	*379.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*683.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*284.90*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0246	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	5,073.19	413.26
		For Cement Mortar Lining (CML), Add	*444.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*800.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*333.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	4,822.94	464.87
		For Cement Mortar Lining (CML), Add	*411.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*741.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*308.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0248	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,284.40	444.04
		For Cement Mortar Lining (CML), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*650.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*270.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,340.17	450.68
		For Cement Mortar Lining (CML), Add	*365.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*658.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*274.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,822.58	457.10
		For Cement Mortar Lining (CML), Add	*413.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*743.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*309.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,043.98	463.74
		For Cement Mortar Lining (CML), Add	*434.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*781.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*325.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,808.95	474.72
		For Cement Mortar Lining (CML), Add	*508.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*916.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*381.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	6,445.01	490.17
		For Cement Mortar Lining (CML), Add	*570.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,026.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*427.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	7,204.18	516.19
		For Cement Mortar Lining (CML), Add	*642.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,155.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*481.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	7,915.03	567.80
		For Cement Mortar Lining (CML), Add	*705.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,269.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*529.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	7,050.46	619.26
		For Cement Mortar Lining (CML), Add	*611.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,100.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*458.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	30" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	8,750.87	517.18
		For Cement Mortar Lining (CML), Add	*796.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,434.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*597.54*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0258	EA	30" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	9,797.72	523.83
		For Cement Mortar Lining (CML), Add	*900.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,620.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*675.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	30" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	10,361.53	530.24
		For Cement Mortar Lining (CML), Add	*955.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,720.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*716.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	30" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	10,925.68	536.87
		For Cement Mortar Lining (CML), Add	*1,011.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,820.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*758.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	30" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	11,726.34	547.86
		For Cement Mortar Lining (CML), Add	*1,089.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,961.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*817.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	30" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	12,589.47	563.31
		For Cement Mortar Lining (CML), Add	*1,173.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,112.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*880.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	30" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	12,910.19	589.32
		For Cement Mortar Lining (CML), Add	*1,201.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,163.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*901.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	30" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	13,381.14	640.94
		For Cement Mortar Lining (CML), Add	*1,241.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,233.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*930.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	30" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	14,026.05	692.40
		For Cement Mortar Lining (CML), Add	*1,297.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,335.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*973.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	30" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	15,196.79	728.97
		For Cement Mortar Lining (CML), Add	*1,409.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,536.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,056.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	36" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	16,624.81	594.14
		For Cement Mortar Lining (CML), Add	*1,572.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,830.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,179.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	36" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	17,274.09	605.13
		For Cement Mortar Lining (CML), Add	*1,635.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,944.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,226.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0269	EA	36" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	17,921.58	620.59
		For Cement Mortar Lining (CML), Add	*1,698.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,056.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,273.60*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0270	EA	36" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	19,170.56	646.59
		For Cement Mortar Lining (CML), Add	*1,819.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,274.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,364.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	36" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	20,462.64	698.21
		For Cement Mortar Lining (CML), Add	*1,940.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,492.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,455.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0272	EA	36" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	22,692.73	749.67
		For Cement Mortar Lining (CML), Add	*2,155.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,880.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,616.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	36" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	25,408.66	786.24
		For Cement Mortar Lining (CML), Add	*2,421.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,359.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,816.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	36" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	30,294.66	814.88
		For Cement Mortar Lining (CML), Add	*2,906.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,230.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,179.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	42" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	26,660.45	730.22
		For Cement Mortar Lining (CML), Add	*2,555.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,599.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,916.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	42" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	27,333.94	781.68
		For Cement Mortar Lining (CML), Add	*2,614.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,706.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,961.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	42" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	29,194.45	818.25
		For Cement Mortar Lining (CML), Add	*2,795.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,031.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,096.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0278	EA	42" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	33,364.98	846.89
		For Cement Mortar Lining (CML), Add	*3,208.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,774.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,406.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	42" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	39,321.47	862.89
		For Cement Mortar Lining (CML), Add	*3,801.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,842.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,851.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	48" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	26,315.04	781.23
		For Cement Mortar Lining (CML), Add	*2,513.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,523.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,884.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	48" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	29,791.84	832.69
		For Cement Mortar Lining (CML), Add	*2,853.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,135.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,139.76*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0282	EA	48" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	31,748.03	869.26
		For Cement Mortar Lining (CML), Add	*3,043.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,477.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,282.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	48" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	36,168.46	897.90
		For Cement Mortar Lining (CML), Add	*3,480.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,265.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,610.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	48" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	47,231.77	913.90
		For Cement Mortar Lining (CML), Add	*4,584.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8,252.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,438.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	48" x 48" Mechanical Joint Ductile Iron Wye (Lateral)	51,840.29	939.41
		For Cement Mortar Lining (CML), Add	*5,041.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9,075.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,781.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286		**Mechanical Joint Ductile Iron Cross** *(33 14 13 13-0002)*		
33 14 13 13-0287	EA	3" x 3" Mechanical Joint Ductile Iron Cross	300.26	76.58
		For Cement Mortar Lining (CML), Add	*18.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	4" x 3" Mechanical Joint Ductile Iron Cross	361.90	83.34
		For Cement Mortar Lining (CML), Add	*23.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	4" x 4" Mechanical Joint Ductile Iron Cross	426.46	84.46
		For Cement Mortar Lining (CML), Add	*29.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	6" x 3" Mechanical Joint Ductile Iron Cross	509.58	104.41
		For Cement Mortar Lining (CML), Add	*35.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291	EA	6" x 4" Mechanical Joint Ductile Iron Cross	496.24	112.63
		For Cement Mortar Lining (CML), Add	*32.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	6" x 6" Mechanical Joint Ductile Iron Cross	578.89	140.78
		For Cement Mortar Lining (CML), Add	*36.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	8" x 4" Mechanical Joint Ductile Iron Cross	510.83	123.20
		For Cement Mortar Lining (CML), Add	*32.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	8" x 6" Mechanical Joint Ductile Iron Cross	607.75	151.35
		For Cement Mortar Lining (CML), Add	*37.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295	EA	8" x 8" Mechanical Joint Ductile Iron Cross	643.76	161.90
		For Cement Mortar Lining (CML), Add	*39.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0296	EA	10" x 4" Mechanical Joint Ductile Iron Cross	617.20	128.36
		For Cement Mortar Lining (CML), Add	*42.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0297	EA	10" x 6" Mechanical Joint Ductile Iron Cross	708.84	154.92
		For Cement Mortar Lining (CML), Add	*47.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0298	EA	10" x 8" Mechanical Joint Ductile Iron Cross	838.19	164.89
		For Cement Mortar Lining (CML), Add	*58.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0299	EA	10" x 10" Mechanical Joint Ductile Iron Cross	906.62	177.03
		For Cement Mortar Lining (CML), Add	*63.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*114.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0300	EA	12 x 4" Mechanical Joint Ductile Iron Cross	745.33	139.41
		For Cement Mortar Lining (CML), Add	*53.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0301	EA	12" x 6" Mechanical Joint Ductile Iron Cross	866.95	165.97
		For Cement Mortar Lining (CML), Add	*61.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0302	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,237.64	175.93
		For Cement Mortar Lining (CML), Add	*97.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0303	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,256.10	188.11
		For Cement Mortar Lining (CML), Add	*97.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0304	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,422.79	199.15
		For Cement Mortar Lining (CML), Add	*112.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0305	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,453.33	182.55
		For Cement Mortar Lining (CML), Add	*117.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*211.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0306	EA	14" x 8" Mechanical Joint Ductile Iron Cross	1,705.49	192.51
		For Cement Mortar Lining (CML), Add	*141.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*254.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.04*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0307	EA	14" x 10" Mechanical Joint Ductile Iron Cross	1,752.51	204.70
		For Cement Mortar Lining (CML), Add	*144.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*259.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*108.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0308	EA	14" x 12" Mechanical Joint Ductile Iron Cross	1,849.21	215.74
		For Cement Mortar Lining (CML), Add	*152.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*274.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309	EA	14" x 14" Mechanical Joint Ductile Iron Cross	2,044.29	232.35
		For Cement Mortar Lining (CML), Add	*169.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*304.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*126.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310	EA	16" x 6" Mechanical Joint Ductile Iron Cross	1,661.32	205.78
		For Cement Mortar Lining (CML), Add	*134.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*242.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311	EA	16" x 8" Mechanical Joint Ductile Iron Cross	1,886.34	215.74
		For Cement Mortar Lining (CML), Add	*155.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*280.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	16" x 10" Mechanical Joint Ductile Iron Cross	2,251.22	227.91
		For Cement Mortar Lining (CML), Add	*190.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*343.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	16" x 12" Mechanical Joint Ductile Iron Cross	2,505.62	238.96
		For Cement Mortar Lining (CML), Add	*214.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*385.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	16" x 14" Mechanical Joint Ductile Iron Cross	3,019.16	255.55
		For Cement Mortar Lining (CML), Add	*263.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*473.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*197.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	16" x 16" Mechanical Joint Ductile Iron Cross	3,529.88	278.82
		For Cement Mortar Lining (CML), Add	*310.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*559.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*233.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	18" x 6" Mechanical Joint Ductile Iron Cross	2,726.42	243.32
		For Cement Mortar Lining (CML), Add	*235.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*424.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317	EA	18" x 8" Mechanical Joint Ductile Iron Cross	2,881.47	253.29
		For Cement Mortar Lining (CML), Add	*249.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*449.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*187.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	18" x 10" Mechanical Joint Ductile Iron Cross	3,017.03	265.46
		For Cement Mortar Lining (CML), Add	*261.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*470.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*196.11*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0319	EA	18" x 12" Mechanical Joint Ductile Iron Cross	3,267.97	276.51
		For Cement Mortar Lining (CML), Add	*284.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*512.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*213.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320	EA	18" x 14" Mechanical Joint Ductile Iron Cross	3,805.79	293.10
		For Cement Mortar Lining (CML), Add	*336.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*605.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*252.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321	EA	18" x 16" Mechanical Joint Ductile Iron Cross	4,052.33	316.31
		For Cement Mortar Lining (CML), Add	*357.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*643.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*267.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322	EA	18" x 18" Mechanical Joint Ductile Iron Cross	4,249.17	353.85
		For Cement Mortar Lining (CML), Add	*371.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*668.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*278.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323	EA	20" x 6" Mechanical Joint Ductile Iron Cross	3,427.27	305.29
		For Cement Mortar Lining (CML), Add	*296.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*533.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*222.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	20" x 8" Mechanical Joint Ductile Iron Cross	3,583.74	315.26
		For Cement Mortar Lining (CML), Add	*310.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*559.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	20" x 10" Mechanical Joint Ductile Iron Cross	3,695.02	327.44
		For Cement Mortar Lining (CML), Add	*319.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*575.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*239.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	20" x 12" Mechanical Joint Ductile Iron Cross	3,944.55	338.48
		For Cement Mortar Lining (CML), Add	*343.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*617.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*257.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	20" x 14" Mechanical Joint Ductile Iron Cross	4,016.79	355.08
		For Cement Mortar Lining (CML), Add	*347.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*626.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*260.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	20" x 16" Mechanical Joint Ductile Iron Cross	4,845.99	378.29
		For Cement Mortar Lining (CML), Add	*427.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*769.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*320.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329	EA	20" x 18" Mechanical Joint Ductile Iron Cross	5,042.83	415.84
		For Cement Mortar Lining (CML), Add	*441.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*794.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*330.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330	EA	20" x 20" Mechanical Joint Ductile Iron Cross	5,463.77	477.77
		For Cement Mortar Lining (CML), Add	*473.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*853.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*355.49*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0331	EA	24" x 6" Mechanical Joint Ductile Iron Cross	4,664.39	381.91
		For Cement Mortar Lining (CML), Add	*408.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*735.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*306.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0332	EA	24" x 8" Mechanical Joint Ductile Iron Cross	4,774.03	391.88
		For Cement Mortar Lining (CML), Add	*418.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*752.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*313.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	24" x 10" Mechanical Joint Ductile Iron Cross	4,954.98	404.04
		For Cement Mortar Lining (CML), Add	*434.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*781.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*325.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0334	EA	24" x 12" Mechanical Joint Ductile Iron Cross	5,111.68	415.10
		For Cement Mortar Lining (CML), Add	*448.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*806.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*336.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0335	EA	24" x 14" Mechanical Joint Ductile Iron Cross	5,206.78	431.69
		For Cement Mortar Lining (CML), Add	*455.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*819.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*341.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	24" x 16" Mechanical Joint Ductile Iron Cross	5,406.19	454.90
		For Cement Mortar Lining (CML), Add	*471.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*849.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*353.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	24" x 18" Mechanical Joint Ductile Iron Cross	7,121.09	492.44
		For Cement Mortar Lining (CML), Add	*637.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,147.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*478.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	24" x 20" Mechanical Joint Ductile Iron Cross	7,517.74	554.42
		For Cement Mortar Lining (CML), Add	*667.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,201.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*500.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	24" x 24" Mechanical Joint Ductile Iron Cross	8,287.87	631.06
		For Cement Mortar Lining (CML), Add	*733.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,319.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*549.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	30" x 8" Mechanical Joint Ductile Iron Cross	8,868.03	507.79
		For Cement Mortar Lining (CML), Add	*809.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,457.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*607.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	30" x 10" Mechanical Joint Ductile Iron Cross	9,045.00	519.98
		For Cement Mortar Lining (CML), Add	*825.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,486.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*619.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	30" x 12" Mechanical Joint Ductile Iron Cross	9,218.83	531.02
		For Cement Mortar Lining (CML), Add	*841.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,514.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*631.07*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0343	EA	30" x 14" Mechanical Joint Ductile Iron Cross	9,425.32	547.61
		For Cement Mortar Lining (CML), Add	*859.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,547.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*644.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0344	EA	30" x 16" Mechanical Joint Ductile Iron Cross	9,663.30	570.83
		For Cement Mortar Lining (CML), Add	*879.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,583.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*659.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	30" x 18" Mechanical Joint Ductile Iron Cross	9,945.83	608.38
		For Cement Mortar Lining (CML), Add	*902.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,624.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*676.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	30" x 20" Mechanical Joint Ductile Iron Cross	10,309.63	670.36
		For Cement Mortar Lining (CML), Add	*929.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,672.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*697.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	30" x 24" Mechanical Joint Ductile Iron Cross	13,226.18	746.96
		For Cement Mortar Lining (CML), Add	*1,209.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,176.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*907.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0348	EA	30" x 30" Mechanical Joint Ductile Iron Cross	15,209.77	862.90
		For Cement Mortar Lining (CML), Add	*1,390.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,502.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,042.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349	EA	36" x 8" Mechanical Joint Ductile Iron Cross	12,340.17	550.53
		For Cement Mortar Lining (CML), Add	*1,150.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,071.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*862.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350	EA	36" x 10" Mechanical Joint Ductile Iron Cross	12,515.72	562.70
		For Cement Mortar Lining (CML), Add	*1,166.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,099.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*874.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351	EA	36" x 12" Mechanical Joint Ductile Iron Cross	12,666.70	573.75
		For Cement Mortar Lining (CML), Add	*1,179.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,123.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*884.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352	EA	36" x 14" Mechanical Joint Ductile Iron Cross	12,848.92	590.34
		For Cement Mortar Lining (CML), Add	*1,195.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,151.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*896.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0353	EA	36" x 16" Mechanical Joint Ductile Iron Cross	13,064.04	613.57
		For Cement Mortar Lining (CML), Add	*1,213.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,184.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*910.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354	EA	36" x 18" Mechanical Joint Ductile Iron Cross	13,322.29	651.11
		For Cement Mortar Lining (CML), Add	*1,233.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,220.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*925.18*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0355	EA	36" x 20" Mechanical Joint Ductile Iron Cross	13,663.24	713.09
		For Cement Mortar Lining (CML), Add	*1,258.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,264.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*943.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0356	EA	36" x 24" Mechanical Joint Ductile Iron Cross	14,250.58	789.69
		For Cement Mortar Lining (CML), Add	*1,305.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,349.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*979.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0357	EA	36" x 30" Mechanical Joint Ductile Iron Cross	19,158.90	905.62
		For Cement Mortar Lining (CML), Add	*1,778.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,201.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,334.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0358	EA	36" x 36" Mechanical Joint Ductile Iron Cross	21,040.16	948.40
		For Cement Mortar Lining (CML), Add	*1,960.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,528.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,470.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0359	EA	42" x 12" Mechanical Joint Ductile Iron Cross	16,531.39	598.46
		For Cement Mortar Lining (CML), Add	*1,562.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,812.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,171.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0360	EA	42" x 14" Mechanical Joint Ductile Iron Cross	18,678.28	615.05
		For Cement Mortar Lining (CML), Add	*1,774.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,194.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,330.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0361	EA	42" x 16" Mechanical Joint Ductile Iron Cross	16,913.02	638.27
		For Cement Mortar Lining (CML), Add	*1,594.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,870.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,195.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0362	EA	42" x 18" Mechanical Joint Ductile Iron Cross	17,142.71	675.82
		For Cement Mortar Lining (CML), Add	*1,611.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,901.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,208.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0363	EA	42" x 20" Mechanical Joint Ductile Iron Cross	17,472.24	737.80
		For Cement Mortar Lining (CML), Add	*1,635.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,943.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,226.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0364	EA	42" x 24" Mechanical Joint Ductile Iron Cross	18,018.16	814.40
		For Cement Mortar Lining (CML), Add	*1,678.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,021.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,258.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0365	EA	42" x 30" Mechanical Joint Ductile Iron Cross	23,043.58	930.33
		For Cement Mortar Lining (CML), Add	*2,163.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,894.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,622.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0366	EA	42" x 36" Mechanical Joint Ductile Iron Cross	30,041.65	973.06
		For Cement Mortar Lining (CML), Add	*2,856.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,142.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,142.55*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0367	EA	42" x 42" Mechanical Joint Ductile Iron Cross	32,181.22	997.79
		For Cement Mortar Lining (CML), Add	*3,066.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,520.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,300.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0368	EA	48" x 12" Mechanical Joint Ductile Iron Cross	22,325.22	696.56
		For Cement Mortar Lining (CML), Add	*2,126.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,828.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,595.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0369	EA	48" x 14" Mechanical Joint Ductile Iron Cross	22,478.88	713.15
		For Cement Mortar Lining (CML), Add	*2,139.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,851.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,604.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0370	EA	48" x 16" Mechanical Joint Ductile Iron Cross	22,685.44	736.37
		For Cement Mortar Lining (CML), Add	*2,156.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,882.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,617.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0371	EA	48" x 18" Mechanical Joint Ductile Iron Cross	22,913.69	773.92
		For Cement Mortar Lining (CML), Add	*2,174.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,913.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,630.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0372	EA	48" x 20" Mechanical Joint Ductile Iron Cross	23,223.25	835.90
		For Cement Mortar Lining (CML), Add	*2,195.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,952.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,646.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0373	EA	48" x 24" Mechanical Joint Ductile Iron Cross	23,746.32	912.51
		For Cement Mortar Lining (CML), Add	*2,236.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,025.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,677.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0374	EA	48" x 30" Mechanical Joint Ductile Iron Cross	25,145.83	1,028.43
		For Cement Mortar Lining (CML), Add	*2,358.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,245.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,769.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0375	EA	48" x 36" Mechanical Joint Ductile Iron Cross	30,768.66	1,071.16
		For Cement Mortar Lining (CML), Add	*2,914.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,246.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,185.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0376	EA	48" x 42" Mechanical Joint Ductile Iron Cross	39,498.83	1,095.87
		For Cement Mortar Lining (CML), Add	*3,783.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,810.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,837.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0377	EA	48" x 48" Mechanical Joint Ductile Iron Cross	42,072.34	1,193.93
		For Cement Mortar Lining (CML), Add	*4,026.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,247.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,019.75*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0378 Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0002)*

33 14 13 13-0379	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	145.97	41.67
		For Cement Mortar Lining (CML), Add	*8.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.21*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0380	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	170.54	52.23
		For Cement Mortar Lining (CML), Add	*9.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0381	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	184.22	55.61
		For Cement Mortar Lining (CML), Add	*10.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0382	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	232.12	62.66
		For Cement Mortar Lining (CML), Add	*13.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0383	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	256.58	73.21
		For Cement Mortar Lining (CML), Add	*14.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0384	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	277.76	65.50
		For Cement Mortar Lining (CML), Add	*17.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0385	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	302.84	75.46
		For Cement Mortar Lining (CML), Add	*18.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0386	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	331.46	82.10
		For Cement Mortar Lining (CML), Add	*20.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0387	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	334.94	72.14
		For Cement Mortar Lining (CML), Add	*22.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0388	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	372.87	82.10
		For Cement Mortar Lining (CML), Add	*24.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0389	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	390.08	88.74
		For Cement Mortar Lining (CML), Add	*25.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0390	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	426.93	95.15
		For Cement Mortar Lining (CML), Add	*28.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0391	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	692.27	93.08
		For Cement Mortar Lining (CML), Add	*55.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*99.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.34*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0392	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	673.78	99.73
		For Cement Mortar Lining (CML), Add	*52.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0393	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	606.37	106.14
		For Cement Mortar Lining (CML), Add	*44.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0394	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	637.85	112.77
		For Cement Mortar Lining (CML), Add	*46.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0395	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	812.80	108.53
		For Cement Mortar Lining (CML), Add	*64.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0396	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	798.58	115.18
		For Cement Mortar Lining (CML), Add	*62.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*112.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0397	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	785.45	121.60
		For Cement Mortar Lining (CML), Add	*60.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0398	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	851.21	128.24
		For Cement Mortar Lining (CML), Add	*65.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0399	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	946.39	139.22
		For Cement Mortar Lining (CML), Add	*73.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*132.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0400	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,015.06	141.18
		For Cement Mortar Lining (CML), Add	*80.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0401	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,136.17	147.59
		For Cement Mortar Lining (CML), Add	*91.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*164.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0402	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,097.68	154.23
		For Cement Mortar Lining (CML), Add	*86.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*155.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0403	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,164.30	165.21
		For Cement Mortar Lining (CML), Add	*91.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*164.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.55*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0404	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,227.71	180.67
		For Cement Mortar Lining (CML), Add	*95.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0405	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,431.73	192.80
		For Cement Mortar Lining (CML), Add	*113.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*205.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0406	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,375.76	199.22
		For Cement Mortar Lining (CML), Add	*107.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0407	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,273.00	205.86
		For Cement Mortar Lining (CML), Add	*96.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*173.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0408	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,282.51	216.84
		For Cement Mortar Lining (CML), Add	*95.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0409	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,325.91	232.30
		For Cement Mortar Lining (CML), Add	*97.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0410	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,586.66	258.30
		For Cement Mortar Lining (CML), Add	*119.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*215.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0411	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,862.22	257.32
		For Cement Mortar Lining (CML), Add	*147.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*265.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0412	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,916.00	268.31
		For Cement Mortar Lining (CML), Add	*150.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*271.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*113.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0413	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,959.40	283.76
		For Cement Mortar Lining (CML), Add	*152.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*275.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0414	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,931.68	309.75
		For Cement Mortar Lining (CML), Add	*146.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*263.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*109.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0415	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,358.36	361.38
		For Cement Mortar Lining (CML), Add	*181.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*325.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.81*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0416	EA	30" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,805.63	320.33
		For Cement Mortar Lining (CML), Add	*332.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*597.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*249.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0417	EA	30" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,976.41	346.33
		For Cement Mortar Lining (CML), Add	*345.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*621.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*258.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0418	EA	30" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,863.27	397.95
		For Cement Mortar Lining (CML), Add	*326.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*586.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*244.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0419	EA	30" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,785.58	449.41
		For Cement Mortar Lining (CML), Add	*310.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0420	EA	36" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,697.45	426.58
		For Cement Mortar Lining (CML), Add	*505.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*909.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*378.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0421	EA	36" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,734.36	478.04
		For Cement Mortar Lining (CML), Add	*401.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*721.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*300.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0422	EA	36" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,141.08	514.61
		For Cement Mortar Lining (CML), Add	*436.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*785.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*327.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0423	EA	42" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,373.49	364.97
		For Cement Mortar Lining (CML), Add	*682.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,227.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*511.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0424	EA	42" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,350.05	390.97
		For Cement Mortar Lining (CML), Add	*675.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,216.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*506.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0425	EA	42" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,405.41	442.58
		For Cement Mortar Lining (CML), Add	*673.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,212.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*505.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0426	EA	42" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,264.55	494.05
		For Cement Mortar Lining (CML), Add	*751.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,352.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*563.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0427	EA	42" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,837.61	530.61
		For Cement Mortar Lining (CML), Add	*603.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,086.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*452.52*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0428	EA	42" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,158.04	559.25
		For Cement Mortar Lining (CML), Add	*631.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,135.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*473.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0429	EA	48" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,916.98	390.47
		For Cement Mortar Lining (CML), Add	*932.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,678.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*699.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0430	EA	48" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,622.21	416.47
		For Cement Mortar Lining (CML), Add	*899.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,618.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*674.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0431	EA	48" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,186.32	468.09
		For Cement Mortar Lining (CML), Add	*847.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,525.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*635.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0432	EA	48" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,479.93	519.55
		For Cement Mortar Lining (CML), Add	*869.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,564.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*651.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0433	EA	48" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,316.16	556.12
		For Cement Mortar Lining (CML), Add	*1,047.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,885.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*785.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0434	EA	48" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,930.03	584.76
		For Cement Mortar Lining (CML), Add	*904.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,627.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*678.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0435	EA	48" x 42" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,893.96	600.76
		For Cement Mortar Lining (CML), Add	*998.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,797.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*748.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0436		Mechanical Joint Ductile Iron Caps *(33 14 13 13-0002)*		
33 14 13 13-0437	EA	3" Mechanical Joint Ductile Iron Caps	170.44	87.99
		For Cement Mortar Lining (CML), Add	*3.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0438	EA	4" Mechanical Joint Ductile Iron Caps	194.98	103.24
		For Cement Mortar Lining (CML), Add	*3.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0439	EA	6" Mechanical Joint Ductile Iron Caps	264.07	129.05
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0440	EA	8" Mechanical Joint Ductile Iron Caps	337.71	147.50
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0441	EA	10" Mechanical Joint Ductile Iron Caps	479.52	221.28
		For Cement Mortar Lining (CML), Add	*14.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0442	EA	12" Mechanical Joint Ductile Iron Caps	581.40	241.40
		For Cement Mortar Lining (CML), Add	*21.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0443	EA	14" Mechanical Joint Ductile Iron Caps	729.36	265.54
		For Cement Mortar Lining (CML), Add	*32.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0444	EA	16" Mechanical Joint Ductile Iron Caps	885.46	295.01
		For Cement Mortar Lining (CML), Add	*43.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0445	EA	18" Mechanical Joint Ductile Iron Caps	1,038.45	331.92
		For Cement Mortar Lining (CML), Add	*53.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0446	EA	20" Mechanical Joint Ductile Iron Caps	1,267.38	379.30
		For Cement Mortar Lining (CML), Add	*69.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0447	EA	24" Mechanical Joint Ductile Iron Caps	1,621.65	442.57
		For Cement Mortar Lining (CML), Add	*95.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0448	EA	30" Mechanical Joint Ductile Iron Caps	2,979.63	531.08
		For Cement Mortar Lining (CML), Add	*217.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*391.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*163.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0449	EA	36" Mechanical Joint Ductile Iron Caps	4,961.62	663.84
		For Cement Mortar Lining (CML), Add	*395.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*712.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*296.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0450	EA	42" Mechanical Joint Ductile Iron Caps	7,206.36	796.62
		For Cement Mortar Lining (CML), Add	*599.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,079.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*449.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0451	EA	48" Mechanical Joint Ductile Iron Caps	8,570.05	885.13
		For Cement Mortar Lining (CML), Add	*722.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,301.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*542.17*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0452 Mechanical Joint Ductile Iron Plug *(33 14 13 13-0002)*

33 14 13 13-0453	EA	3" Mechanical Joint Ductile Iron Plug	176.15	87.99
		For Cement Mortar Lining (CML), Add	*4.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.21*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0454	EA	4" Mechanical Joint Ductile Iron Plug	203.55	103.24
		For Cement Mortar Lining (CML), Add	*4.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0455	EA	6" Mechanical Joint Ductile Iron Plug	286.92	129.05
		For Cement Mortar Lining (CML), Add	*9.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0456	EA	8" Mechanical Joint Ductile Iron Plug	360.56	147.50
		For Cement Mortar Lining (CML), Add	*13.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0457	EA	10" Mechanical Joint Ductile Iron Plug	572.34	221.28
		For Cement Mortar Lining (CML), Add	*23.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0458	EA	12" Mechanical Joint Ductile Iron Plug	607.11	241.40
		For Cement Mortar Lining (CML), Add	*24.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0459	EA	14" Mechanical Joint Ductile Iron Plug	893.59	265.54
		For Cement Mortar Lining (CML), Add	*49.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*88.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0460	EA	16" Mechanical Joint Ductile Iron Plug	509.88	295.01
		For Cement Mortar Lining (CML), Add	*6.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0461	EA	18" Mechanical Joint Ductile Iron Plug	1,282.65	331.92
		For Cement Mortar Lining (CML), Add	*77.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*140.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0462	EA	20" Mechanical Joint Ductile Iron Plug	1,600.13	379.30
		For Cement Mortar Lining (CML), Add	*102.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*184.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0463	EA	24" Mechanical Joint Ductile Iron Plug	2,092.92	442.57
		For Cement Mortar Lining (CML), Add	*142.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*256.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0464	EA	30" Mechanical Joint Ductile Iron Plug	3,627.97	531.08
		For Cement Mortar Lining (CML), Add	*282.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*508.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0465	EA	36" Mechanical Joint Ductile Iron Plug	5,367.20	663.84
		For Cement Mortar Lining (CML), Add	*436.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*785.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*327.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0466	EA	42" Mechanical Joint Ductile Iron Plug	7,257.78	796.62
		For Cement Mortar Lining (CML), Add	*605.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,089.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*453.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0467	EA	48" Mechanical Joint Ductile Iron Plug	9,406.90	885.13
		For Cement Mortar Lining (CML), Add	*806.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,451.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*604.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0468		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*		
33 14 13 13-0469	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	295.47	133.74
		For Cement Mortar Lining (CML), Add	*9.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0470	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	334.61	154.86
		For Cement Mortar Lining (CML), Add	*10.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0471	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	431.82	193.57
		For Cement Mortar Lining (CML), Add	*13.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0472	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	545.13	221.19
		For Cement Mortar Lining (CML), Add	*20.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0473	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	868.51	331.92
		For Cement Mortar Lining (CML), Add	*36.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0474	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,017.05	362.10
		For Cement Mortar Lining (CML), Add	*46.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0475	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,347.53	398.31
		For Cement Mortar Lining (CML), Add	*74.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0476	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,520.26	442.57
		For Cement Mortar Lining (CML), Add	*84.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*152.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0477	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,053.92	497.89
		For Cement Mortar Lining (CML), Add	*129.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*233.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0478	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,410.18	568.99
		For Cement Mortar Lining (CML), Add	*154.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*278.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0479	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,912.33	663.84
		For Cement Mortar Lining (CML), Add	*190.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*343.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0480	EA	30" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,715.79	796.62
		For Cement Mortar Lining (CML), Add	*350.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*631.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*263.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0481	EA	36" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,537.01	995.78
		For Cement Mortar Lining (CML), Add	*502.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*905.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*377.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0482	EA	42" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	8,734.72	1,138.00
		For Cement Mortar Lining (CML), Add	*701.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,261.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*525.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0483	EA	48" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	10,791.50	1,327.70
		For Cement Mortar Lining (CML), Add	*877.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,580.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*658.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0484		Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*		
33 14 13 13-0485	EA	3" Mechanical Joint Ductile Iron Long Sleeves	281.18	133.74
		For Cement Mortar Lining (CML), Add	*7.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0486	EA	4" Mechanical Joint Ductile Iron Long Sleeves	327.47	154.86
		For Cement Mortar Lining (CML), Add	*9.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0487	EA	6" Mechanical Joint Ductile Iron Long Sleeves	448.96	193.57
		For Cement Mortar Lining (CML), Add	*15.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0488	EA	8" Mechanical Joint Ductile Iron Long Sleeves	590.83	221.19
		For Cement Mortar Lining (CML), Add	*25.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0489	EA	10" Mechanical Joint Ductile Iron Long Sleeves	807.10	331.92
		For Cement Mortar Lining (CML), Add	*30.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0490	EA	12" Mechanical Joint Ductile Iron Long Sleeves	959.93	362.10
		For Cement Mortar Lining (CML), Add	*41.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0491	EA	14" Mechanical Joint Ductile Iron Long Sleeves	1,224.71	398.31
		For Cement Mortar Lining (CML), Add	*62.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.59*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0492	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,457.42	442.57
		For Cement Mortar Lining (CML), Add	*78.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0493	EA	18" Mechanical Joint Ductile Iron Long Sleeves	1,761.17	497.89
		For Cement Mortar Lining (CML), Add	*100.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*181.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0494	EA	20" Mechanical Joint Ductile Iron Long Sleeves	2,077.44	568.99
		For Cement Mortar Lining (CML), Add	*121.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*218.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0495	EA	24" Mechanical Joint Ductile Iron Long Sleeves	2,606.72	663.84
		For Cement Mortar Lining (CML), Add	*160.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*288.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0496	EA	30" Mechanical Joint Ductile Iron Long Sleeves	4,560.13	796.62
		For Cement Mortar Lining (CML), Add	*335.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*603.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*251.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0497	EA	36" Mechanical Joint Ductile Iron Long Sleeves	6,217.12	995.78
		For Cement Mortar Lining (CML), Add	*470.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*847.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*353.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0498	EA	42" Mechanical Joint Ductile Iron Long Sleeves	8,020.15	1,136.69
		For Cement Mortar Lining (CML), Add	*629.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,133.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*472.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0499	EA	48" Mechanical Joint Ductile Iron Long Sleeves	10,858.62	1,327.70
		For Cement Mortar Lining (CML), Add	*884.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,592.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*663.52*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0500 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0501 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0500)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0502	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	28.56
33 14 13 13-0503	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	53.06
33 14 13 13-0504	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	64.11
33 14 13 13-0505	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	75.16
33 14 13 13-0506	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	103.90
33 14 13 13-0507	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	110.53
33 14 13 13-0508	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	181.27
33 14 13 13-0509	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	192.33
33 14 13 13-0510	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	256.43
33 14 13 13-0511	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	331.60
33 14 13 13-0512	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	462.02
33 14 13 13-0513	EA	30" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.	1,103.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0514	EA	36" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.	2,378.65	
33 14 13 13-0515	EA	42" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	3,472.92	
33 14 13 13-0516	EA	48" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	4,262.11	
33 14 13 13-0517		Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts *(33 14 13 13-0500)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0518	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	48.55	
33 14 13 13-0519	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	75.16	
33 14 13 13-0520	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	95.06	
33 14 13 13-0521	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	103.90	
33 14 13 13-0522	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	143.69	
33 14 13 13-0523	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	150.32	
33 14 13 13-0524	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	227.70	
33 14 13 13-0525	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	249.80	
33 14 13 13-0526	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	331.60	
33 14 13 13-0527	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	428.86	
33 14 13 13-0528	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	599.08	
33 14 13 13-0529		Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0500)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0530	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	31.42	
33 14 13 13-0531	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	57.48	
33 14 13 13-0532	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	68.53	
33 14 13 13-0533	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	81.79	
33 14 13 13-0534	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	112.74	
33 14 13 13-0535	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	119.37	
33 14 13 13-0536	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	196.75	
33 14 13 13-0537	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	207.80	
33 14 13 13-0538	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	280.75	
33 14 13 13-0539	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	360.33	
33 14 13 13-0540	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	504.03	
33 14 13 13-0541	EA	30" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.	1,207.01	
33 14 13 13-0542	EA	36" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.	2,674.87	
33 14 13 13-0543	EA	42" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	3,873.04	
33 14 13 13-0544	EA	48" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	4,766.14	
33 14 13 13-0545		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0546	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	185.29	67.08
33 14 13 13-0547	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	211.26	79.45
33 14 13 13-0548	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	262.08	98.33
33 14 13 13-0549	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	327.31	114.76
33 14 13 13-0550	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	470.79	165.97
33 14 13 13-0551	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	581.41	189.70
33 14 13 13-0552	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	678.13	204.18
33 14 13 13-0553	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	837.70	221.28
33 14 13 13-0554	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	1,076.11	265.54
33 14 13 13-0555	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	1,271.36	294.91
33 14 13 13-0556	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,653.85	340.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0557	EA	30" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1130DEC)	3,227.44	408.07
33 14 13 13-0558	EA	36" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1136DEC)	3,985.12	510.66
33 14 13 13-0559	EA	42" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1142DEC)	5,892.29	589.22
33 14 13 13-0560	EA	48" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1148DEC)	7,545.52	757.79
33 14 13 13-0561		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*		
33 14 13 13-0562	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,024.55	54.91
33 14 13 13-0563	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,189.87	68.64
33 14 13 13-0564	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	6,079.73	101.43
33 14 13 13-0565	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	8,263.26	120.31
33 14 13 13-0566	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	10,415.69	132.47
33 14 13 13-0567	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	13,893.93	155.40
33 14 13 13-0568	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	17,116.95	174.26
33 14 13 13-0569	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	20,250.70	199.15
33 14 13 13-0570	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	22,826.74	278.82
33 14 13 13-0571	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	30,711.13	348.52
33 14 13 13-0572	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	42,555.26	464.69
33 14 13 13-0573		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)*		
		Note: Includes machined bolts and gasket.		
33 14 13 13-0574	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	183.94	67.08
33 14 13 13-0575	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	236.29	79.45
33 14 13 13-0576	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	305.50	98.33
33 14 13 13-0577	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	348.61	114.76
33 14 13 13-0578	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	612.98	175.97
33 14 13 13-0579	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	693.68	201.15
33 14 13 13-0580		Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)*		
		Note: Includes nuts, bolts and gasket.		
33 14 13 13-0581	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	269.02	67.08
33 14 13 13-0582	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	334.73	79.45
33 14 13 13-0583	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	463.77	98.33
33 14 13 13-0584	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	671.34	114.76
33 14 13 13-0585	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	972.31	175.97
33 14 13 13-0586	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,209.42	201.15
33 14 13 13-0587	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	1,866.21	216.50
33 14 13 13-0588	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	2,617.43	234.64
33 14 13 13-0589	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	2,960.03	281.56
33 14 13 13-0590	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,269.68	312.71
33 14 13 13-0591	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	3,956.05	360.81
33 14 13 13-0592	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,090.60	432.69
33 14 13 13-0593	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	7,606.50	541.47
33 14 13 13-0594	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	19,863.78	624.77
33 14 13 13-0595	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	25,442.56	803.51
33 14 13 13-0596		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*		
		Note: . See CSI section 33 14 13 13-0500 for bolts and gaskets.		
33 14 13 13-0597		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0598	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	362.20	38.29
33 14 13 13-0599	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	433.48	45.86
33 14 13 13-0600	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	672.19	67.19
33 14 13 13-0601	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	917.01	79.99
33 14 13 13-0602	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,253.38	88.51
33 14 13 13-0603	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,587.84	103.60
33 14 13 13-0604	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,252.44	116.68
33 14 13 13-0605	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,731.73	132.77
33 14 13 13-0606	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,304.84	186.08
33 14 13 13-0607	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,119.30	232.35
33 14 13 13-0608	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,821.29	309.80
33 14 13 13-0609	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	9,295.61	331.92
33 14 13 13-0610	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	13,668.96	345.00
33 14 13 13-0611	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	22,494.54	398.31
33 14 13 13-0612	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	29,410.69	423.45
33 14 13 13-0613		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0614	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	346.49	38.29
33 14 13 13-0615	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	406.35	45.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0616	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	625.07	67.19
33 14 13 13-0617	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	844.18	79.99
33 14 13 13-0618	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,099.15	88.51
33 14 13 13-0619	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,449.31	103.60
33 14 13 13-0620	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,955.40	116.68
33 14 13 13-0621	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,340.43	132.77
33 14 13 13-0622	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,772.16	186.08
33 14 13 13-0623	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,366.70	232.35
33 14 13 13-0624	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,437.48	309.80
33 14 13 13-0625	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	8,128.87	331.92
33 14 13 13-0626	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	11,222.66	345.00
33 14 13 13-0627	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	16,659.40	398.31
33 14 13 13-0628	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	21,313.48	423.45
33 14 13 13-0629		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0630	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	270.80	38.29
33 14 13 13-0631	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	402.06	45.86
33 14 13 13-0632	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	607.93	67.19
33 14 13 13-0633	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	838.47	79.99
33 14 13 13-0634	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,097.72	88.51
33 14 13 13-0635	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,366.48	103.60
33 14 13 13-0636	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,966.82	116.68
33 14 13 13-0637	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,289.02	132.77
33 14 13 13-0638	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,759.31	186.08
33 14 13 13-0639	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,485.23	232.35
33 14 13 13-0640	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,343.23	309.80
33 14 13 13-0641	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	7,239.17	331.92
33 14 13 13-0642	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,865.99	345.00
33 14 13 13-0643	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	14,104.57	398.31
33 14 13 13-0644	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	18,047.46	423.45
33 14 13 13-0645		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0646	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	270.80	38.29
33 14 13 13-0647	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	480.61	45.86
33 14 13 13-0648	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	613.64	67.19
33 14 13 13-0649	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	812.76	79.99
33 14 13 13-0650	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,094.87	88.51
33 14 13 13-0651	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,327.93	103.60
33 14 13 13-0652	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,116.77	116.68
33 14 13 13-0653	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,359.00	132.77
33 14 13 13-0654	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,164.88	186.08
33 14 13 13-0655	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,362.41	232.35
33 14 13 13-0656	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,344.66	309.80
33 14 13 13-0657	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	7,333.43	331.92
33 14 13 13-0658	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	9,596.08	345.00
33 14 13 13-0659	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	13,718.99	398.31
33 14 13 13-0660	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	17,944.64	423.45
33 14 13 13-0661		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0662	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	317.93	38.29
33 14 13 13-0663	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	466.33	45.86
33 14 13 13-0664	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	726.46	67.19
33 14 13 13-0665	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	985.56	79.99
33 14 13 13-0666	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,353.35	88.51
33 14 13 13-0667	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,697.80	103.60
33 14 13 13-0668	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,042.17	116.68
33 14 13 13-0669	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,741.04	132.77
33 14 13 13-0670	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,422.68	186.08
33 14 13 13-0671	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,252.85	232.35
33 14 13 13-0672	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,769.54	309.80

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0673		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0596)*		
33 14 13 13-0674	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	317.93	38.29
33 14 13 13-0675	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	412.06	45.86
33 14 13 13-0676	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	647.92	67.19
33 14 13 13-0677	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	914.15	79.99
33 14 13 13-0678	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,209.11	88.51
33 14 13 13-0679	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,572.13	103.60
33 14 13 13-0680	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,092.48	116.68
33 14 13 13-0681	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,513.23	132.77
33 14 13 13-0682	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,694.36	186.08
33 14 13 13-0683	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,930.44	232.35
33 14 13 13-0684	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,144.38	309.80
33 14 13 13-0685		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0596)*		
33 14 13 13-0686	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	448.33	57.44
33 14 13 13-0687	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	489.41	64.76
33 14 13 13-0688	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	516.53	67.19
33 14 13 13-0689	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	734.56	85.17
33 14 13 13-0690	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	795.57	88.52
33 14 13 13-0691	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	840.13	99.19
33 14 13 13-0692	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	975.44	102.39
33 14 13 13-0693	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,055.70	113.05
33 14 13 13-0694	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,160.63	120.52
33 14 13 13-0695	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,304.47	109.64
33 14 13 13-0696	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,303.85	119.70
33 14 13 13-0697	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,412.46	126.74
33 14 13 13-0698	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,523.57	132.77
33 14 13 13-0699	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,568.79	122.71
33 14 13 13-0700	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,583.87	132.77
33 14 13 13-0701	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,712.46	139.81
33 14 13 13-0702	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,972.10	145.85
33 14 13 13-0703	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,977.87	152.89
33 14 13 13-0704	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,238.38	154.89
33 14 13 13-0705	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,421.24	161.94
33 14 13 13-0706	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,935.08	167.97
33 14 13 13-0707	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,097.93	175.01
33 14 13 13-0708	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,873.24	186.08
33 14 13 13-0709	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,677.85	186.08
33 14 13 13-0710	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,822.25	192.12
33 14 13 13-0711	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,381.77	199.15
33 14 13 13-0712	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,174.76	205.19
33 14 13 13-0713	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,135.37	216.25
33 14 13 13-0714	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,746.07	232.35
33 14 13 13-0715	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,515.05	238.38
33 14 13 13-0716	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,706.48	244.42
33 14 13 13-0717	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,948.98	250.45
33 14 13 13-0718	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,173.25	257.50
33 14 13 13-0719	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,288.43	268.56
33 14 13 13-0720	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,581.76	283.65
33 14 13 13-0721	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,113.84	309.80
33 14 13 13-0722	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,049.92	340.98
33 14 13 13-0723	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,118.54	348.01
33 14 13 13-0724	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,522.40	354.06
33 14 13 13-0725	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,743.82	361.09
33 14 13 13-0726	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,791.87	372.16
33 14 13 13-0727	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,733.89	387.24
33 14 13 13-0728	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,041.43	413.39
33 14 13 13-0729	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,165.68	464.69
33 14 13 13-0730	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,919.90	443.57
33 14 13 13-0731	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,967.10	451.62
33 14 13 13-0732	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,056.78	456.65
33 14 13 13-0733	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,189.65	463.69
33 14 13 13-0734	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,896.06	474.75
33 14 13 13-0735	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,149.40	489.84
33 14 13 13-0736	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,556.91	515.99
33 14 13 13-0737	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,806.49	568.30
33 14 13 13-0738	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,334.65	619.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0739	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,578.07	517.00
33 14 13 13-0740	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,171.14	524.04
33 14 13 13-0741	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,633.55	530.07
33 14 13 13-0742	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,097.74	537.12
33 14 13 13-0743	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,757.02	548.18
33 14 13 13-0744	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,468.77	729.23
33 14 13 13-0745	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,425.33	589.42
33 14 13 13-0746	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,419.30	640.72
33 14 13 13-0747	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,858.57	692.01
33 14 13 13-0748	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,950.42	729.23
33 14 13 13-0749	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,859.13	581.37
33 14 13 13-0750	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,905.63	587.40
33 14 13 13-0751	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,471.21	594.45
33 14 13 13-0752	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,872.01	605.51
33 14 13 13-0753	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,275.30	620.60
33 14 13 13-0754	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,051.58	646.75
33 14 13 13-0755	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,868.11	698.05
33 14 13 13-0756	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,255.63	749.34
33 14 13 13-0757	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	16,093.29	814.72
33 14 13 13-0758	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	18,532.99	814.72
33 14 13 13-0759	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	21,070.37	626.63
33 14 13 13-0760	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	21,494.02	636.69
33 14 13 13-0761	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	23,633.85	652.78
33 14 13 13-0762	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	26,932.12	678.93
33 14 13 13-0763	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	27,010.33	730.23
33 14 13 13-0764	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	22,361.37	781.54
33 14 13 13-0765	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	22,763.80	818.75
33 14 13 13-0766	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	28,185.33	846.91
33 14 13 13-0767	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,706.21	863.01
33 14 13 13-0768	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	24,566.48	676.93
33 14 13 13-0769	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	25,007.27	687.99
33 14 13 13-0770	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	25,633.33	704.08
33 14 13 13-0771	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	26,271.10	729.23
33 14 13 13-0772	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	26,951.97	781.54
33 14 13 13-0773	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	27,109.91	832.83
33 14 13 13-0774	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,106.08	869.04
33 14 13 13-0775	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	23,427.13	898.20
33 14 13 13-0776	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,357.92	914.31
33 14 13 13-0777	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	39,086.10	939.45

33 14 13 13-0778 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0596)*

33 14 13 13-0779	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	502.83	64.19
33 14 13 13-0780	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	552.82	64.19
33 14 13 13-0781	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	647.92	67.19
33 14 13 13-0782	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	715.99	85.17
33 14 13 13-0783	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	798.43	88.52
33 14 13 13-0784	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	975.80	99.19
33 14 13 13-0785	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,279.62	102.39
33 14 13 13-0786	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,181.37	113.05
33 14 13 13-0787	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,327.72	120.52
33 14 13 13-0788	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,874.27	109.64
33 14 13 13-0789	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,952.20	119.70
33 14 13 13-0790	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,183.62	126.74
33 14 13 13-0791	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,383.28	132.77
33 14 13 13-0792	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,287.12	122.71
33 14 13 13-0793	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,593.52	132.77
33 14 13 13-0794	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,069.14	139.81
33 14 13 13-0795	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,071.72	145.85
33 14 13 13-0796	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,834.72	152.89
33 14 13 13-0797	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,369.42	154.89
33 14 13 13-0798	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,873.60	161.94
33 14 13 13-0799	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,104.33	167.97
33 14 13 13-0800	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,474.26	175.01
33 14 13 13-0801	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,333.82	186.08
33 14 13 13-0802	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,507.65	186.08
33 14 13 13-0803	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,874.74	192.12
33 14 13 13-0804	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,599.92	199.15
33 14 13 13-0805	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,745.65	205.19
33 14 13 13-0806	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,879.06	216.25
33 14 13 13-0807	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,559.73	232.35
33 14 13 13-0808	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,971.69	238.38
33 14 13 13-0809	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,363.06	244.42
33 14 13 13-0810	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,741.22	250.45
33 14 13 13-0811	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,151.14	257.50
33 14 13 13-0812	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,213.48	268.56
33 14 13 13-0813	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,284.03	283.65
33 14 13 13-0814	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,693.64	309.80
33 14 13 13-0815	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,852.16	340.98
33 14 13 13-0816	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,980.76	348.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0817	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,590.26	354.06
33 14 13 13-0818	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,194.40	361.09
33 14 13 13-0819	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,261.03	372.16
33 14 13 13-0820	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,338.71	387.24
33 14 13 13-0821	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,529.14	413.39
33 14 13 13-0822	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,024.70	464.69
33 14 13 13-0823	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,092.01	443.57
33 14 13 13-0824	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,183.48	450.62
33 14 13 13-0825	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,032.90	456.65
33 14 13 13-0826	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,418.54	463.69
33 14 13 13-0827	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,764.73	474.75
33 14 13 13-0828	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,877.77	489.84
33 14 13 13-0829	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,195.32	515.99
33 14 13 13-0830	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,398.85	568.30
33 14 13 13-0831	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	11,801.68	619.60
33 14 13 13-0832	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,944.45	517.00
33 14 13 13-0833	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,796.74	524.04
33 14 13 13-0834	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	17,790.40	530.07
33 14 13 13-0835	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	18,785.84	537.12
33 14 13 13-0836	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	20,196.28	548.18
33 14 13 13-0837	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	21,712.05	563.27
33 14 13 13-0838	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	22,251.26	589.42
33 14 13 13-0839	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	23,027.82	640.72
33 14 13 13-0840	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	24,112.58	692.01
33 14 13 13-0841	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	26,150.17	729.23
33 14 13 13-0842	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	28,847.75	594.45
33 14 13 13-0843	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	29,988.28	605.51
33 14 13 13-0844	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	31,121.32	620.60
33 14 13 13-0845	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	33,309.98	646.75
33 14 13 13-0846	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	35,546.02	698.05
33 14 13 13-0847	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	39,448.39	749.34
33 14 13 13-0848	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	44,232.18	786.57
33 14 13 13-0849	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	52,882.60	814.72
33 14 13 13-0850	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	46,523.62	730.23
33 14 13 13-0851	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	47,659.81	781.54
33 14 13 13-0852	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	50,922.68	818.75
33 14 13 13-0853	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	58,302.11	846.91
33 14 13 13-0854	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	68,869.87	863.01
33 14 13 13-0855	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	45,849.75	781.54
33 14 13 13-0856	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	51,968.50	832.83
33 14 13 13-0857	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	55,401.32	869.04
33 14 13 13-0858	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	63,224.87	898.20
33 14 13 13-0859	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	82,868.08	914.31
33 14 13 13-0860	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	91,028.23	939.45

33 14 13 13-0861 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0596)*

33 14 13 13-0862	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	892.97	99.19
33 14 13 13-0863	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,109.97	113.05
33 14 13 13-0864	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,589.47	119.70
33 14 13 13-0865	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,829.50	132.77
33 14 13 13-0866	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,419.74	154.89
33 14 13 13-0867	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,947.85	186.08
33 14 13 13-0868	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,479.35	238.38
33 14 13 13-0869	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,676.85	340.98
33 14 13 13-0870	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	5,457.52	443.57
33 14 13 13-0871	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	9,919.04	517.00

33 14 13 13-0872 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0596)*

33 14 13 13-0873	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	500.19	76.58
33 14 13 13-0874	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	624.67	83.34
33 14 13 13-0875	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	780.62	84.25
33 14 13 13-0876	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	828.04	104.46
33 14 13 13-0877	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	968.94	113.05
33 14 13 13-0878	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,070.15	140.78
33 14 13 13-0879	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,029.23	123.72
33 14 13 13-0880	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,213.26	151.44
33 14 13 13-0881	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,200.72	162.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0882	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,208.43	128.74
33 14 13 13-0883	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,354.33	154.89
33 14 13 13-0884	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,609.35	164.95
33 14 13 13-0885	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,743.48	177.03
33 14 13 13-0886	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,553.63	139.81
33 14 13 13-0887	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,798.06	165.97
33 14 13 13-0888	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,951.68	176.02
33 14 13 13-0889	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,277.18	188.09
33 14 13 13-0890	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,600.96	199.15
33 14 13 13-0891	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,690.05	182.06
33 14 13 13-0892	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,190.69	192.12
33 14 13 13-0893	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,267.70	205.19
33 14 13 13-0894	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,448.66	215.25
33 14 13 13-0895	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,822.25	232.35
33 14 13 13-0896	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,010.85	206.20
33 14 13 13-0897	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,445.81	215.25
33 14 13 13-0898	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,156.87	228.33
33 14 13 13-0899	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,649.17	239.39
33 14 13 13-0900	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,649.68	255.48
33 14 13 13-0901	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,896.21	278.62
33 14 13 13-0902	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,204.14	243.41
33 14 13 13-0903	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,506.28	253.47
33 14 13 13-0904	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,764.66	265.54
33 14 13 13-0905	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,262.65	276.60
33 14 13 13-0906	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,338.86	292.70
33 14 13 13-0907	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,806.75	315.83
33 14 13 13-0908	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,150.68	354.06
33 14 13 13-0909	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,543.34	305.77
33 14 13 13-0910	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,848.33	314.83
33 14 13 13-0911	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,056.72	327.90
33 14 13 13-0912	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,550.45	338.97
33 14 13 13-0913	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,672.68	355.06
33 14 13 13-0914	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,335.87	378.19
33 14 13 13-0915	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,679.80	415.41
33 14 13 13-0916	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,444.91	477.77
33 14 13 13-0917	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,958.62	382.22
33 14 13 13-0918	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,166.80	392.27
33 14 13 13-0919	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,519.13	404.34
33 14 13 13-0920	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,822.92	415.41
33 14 13 13-0921	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,990.85	431.50
33 14 13 13-0922	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,363.05	454.63
33 14 13 13-0923	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,820.21	492.86
33 14 13 13-0924	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,535.33	554.21
33 14 13 13-0925	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,993.79	630.66
33 14 13 13-0926	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,904.87	507.95
33 14 13 13-0927	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,180.37	520.01
33 14 13 13-0928	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,451.31	531.08
33 14 13 13-0929	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,770.63	547.18
33 14 13 13-0930	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,135.70	571.31
33 14 13 13-0931	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,558.18	608.53
33 14 13 13-0932	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,089.07	669.89
33 14 13 13-0933	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,747.88	747.34
33 14 13 13-0934	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	23,855.37	863.01
33 14 13 13-0935	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,496.28	550.19
33 14 13 13-0936	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,768.94	562.26
33 14 13 13-0937	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,004.17	573.33
33 14 13 13-0938	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,283.50	590.42
33 14 13 13-0939	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,610.01	613.56
33 14 13 13-0940	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,993.93	650.77
33 14 13 13-0941	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	21,489.12	713.13
33 14 13 13-0942	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	22,369.21	789.58
33 14 13 13-0943	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	30,220.80	905.25
33 14 13 13-0944	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	33,231.68	948.50
33 14 13 13-0945	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,248.05	598.47
33 14 13 13-0946	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,794.42	614.57
33 14 13 13-0947	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	27,110.94	638.70
33 14 13 13-0948	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	27,549.13	675.92
33 14 13 13-0949	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	28,339.93	738.28
33 14 13 13-0950	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	30,016.89	814.72
33 14 13 13-0951	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	36,497.53	930.40
33 14 13 13-0952	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	47,808.40	972.64
33 14 13 13-0953	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	51,254.65	997.79
33 14 13 13-0954	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	35,553.53	697.04
33 14 13 13-0955	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	35,787.16	713.13
33 14 13 13-0956	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	36,099.40	736.27
33 14 13 13-0957	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	36,434.75	773.49
33 14 13 13-0958	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	36,878.55	835.84
33 14 13 13-0959	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	37,654.39	912.29
33 14 13 13-0960	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	39,815.07	1,027.96
33 14 13 13-0961	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	48,895.28	1,071.21
33 14 13 13-0962	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	63,030.73	1,096.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0963	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	67,112.29	1,193.93
33 14 13 13-0964		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0596)*		
33 14 13 13-0965	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	355.90	41.67
33 14 13 13-0966	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	497.57	52.23
33 14 13 13-0967	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	546.95	55.45
33 14 13 13-0968	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	717.66	62.93
33 14 13 13-0969	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	746.42	73.59
33 14 13 13-0970	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	877.55	65.38
33 14 13 13-0971	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	918.34	75.44
33 14 13 13-0972	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	955.53	82.48
33 14 13 13-0973	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,014.70	72.42
33 14 13 13-0974	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,122.61	82.48
33 14 13 13-0975	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,141.25	88.51
33 14 13 13-0976	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,192.38	95.56
33 14 13 13-0977	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,756.19	93.54
33 14 13 13-0978	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,766.26	99.58
33 14 13 13-0979	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,537.48	106.62
33 14 13 13-0980	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,568.96	112.65
33 14 13 13-0981	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,105.21	108.63
33 14 13 13-0982	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,042.44	115.67
33 14 13 13-0983	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,917.92	121.71
33 14 13 13-0984	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,895.13	127.74
33 14 13 13-0985	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,143.12	138.80
33 14 13 13-0986	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,288.91	140.82
33 14 13 13-0987	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,581.39	147.86
33 14 13 13-0988	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,465.78	153.89
33 14 13 13-0989	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,947.97	164.95
33 14 13 13-0990	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,581.53	181.05
33 14 13 13-0991	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,048.31	193.12
33 14 13 13-0992	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,072.32	199.15
33 14 13 13-0993	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,791.05	206.20
33 14 13 13-0994	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,789.13	217.26
33 14 13 13-0995	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,721.14	232.35
33 14 13 13-0996	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,218.96	258.50
33 14 13 13-0997	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,840.11	257.50
33 14 13 13-0998	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,896.75	268.56
33 14 13 13-0999	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,965.86	283.65
33 14 13 13-1000	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,905.29	309.80
33 14 13 13-1001	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,504.76	361.09
33 14 13 13-1002	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,005.95	319.86
33 14 13 13-1003	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,303.84	346.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1004	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,036.46	398.31
33 14 13 13-1005	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,963.40	449.60
33 14 13 13-1006	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,240.52	426.47
33 14 13 13-1007	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,588.75	477.77
33 14 13 13-1008	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,169.69	514.98
33 14 13 13-1009	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	13,672.75	365.12
33 14 13 13-1010	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	13,592.19	391.27
33 14 13 13-1011	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	13,626.12	442.57
33 14 13 13-1012	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	14,159.67	493.86
33 14 13 13-1013	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,570.27	531.08
33 14 13 13-1014	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,107.76	559.24
33 14 13 13-1015	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	17,231.61	390.27
33 14 13 13-1016	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	16,674.07	416.42
33 14 13 13-1017	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,835.46	467.71
33 14 13 13-1018	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	16,297.59	520.01
33 14 13 13-1019	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	19,530.47	556.22
33 14 13 13-1020	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	16,889.06	584.39
33 14 13 13-1021	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	18,575.60	600.48

33 14 13 13-1022 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0596)*

33 14 13 13-1023	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	328.96	87.99
33 14 13 13-1024	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	396.34	103.45
33 14 13 13-1025	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	578.25	129.05
33 14 13 13-1026	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	773.27	147.18
33 14 13 13-1027	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,027.90	221.28
33 14 13 13-1028	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,294.01	241.40
33 14 13 13-1029	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,470.53	265.54
33 14 13 13-1030	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,788.01	294.71
33 14 13 13-1031	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,093.80	331.92
33 14 13 13-1032	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,524.10	379.20
33 14 13 13-1033	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,233.95	442.57
33 14 13 13-1034	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	5,852.92	531.08
33 14 13 13-1035	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	9,582.89	663.84
33 14 13 13-1036	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	13,802.67	796.62
33 14 13 13-1037	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	16,431.62	885.13

33 14 13 13-1038 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0596)*

33 14 13 13-1039	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	330.39	87.99
33 14 13 13-1040	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	410.62	103.45
33 14 13 13-1041	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	615.38	129.05
33 14 13 13-1042	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	810.40	147.18
33 14 13 13-1043	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,240.68	221.28
33 14 13 13-1044	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,342.57	241.40
33 14 13 13-1045	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,780.43	265.54
33 14 13 13-1046	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,146.46	294.71
33 14 13 13-1047	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,552.21	331.92
33 14 13 13-1048	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,143.89	379.20
33 14 13 13-1049	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	4,116.51	442.57
33 14 13 13-1050	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	7,072.50	531.08
33 14 13 13-1051	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	10,341.20	663.84
33 14 13 13-1052	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	13,898.35	796.62
33 14 13 13-1053	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	18,460.92	885.13

33 14 13 13-1054 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0596)*

33 14 13 13-1055	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	449.70	133.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1056	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	593.09	154.64
33 14 13 13-1057	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	814.55	194.11
33 14 13 13-1058	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,067.80	220.77
33 14 13 13-1059	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,571.12	331.92
33 14 13 13-1060	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,873.90	362.10
33 14 13 13-1061	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,445.72	398.31
33 14 13 13-1062	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,775.54	442.57
33 14 13 13-1063	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,636.24	497.89
33 14 13 13-1064	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,216.70	569.30
33 14 13 13-1065	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,103.00	663.84
33 14 13 13-1066	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	8,011.80	796.62
33 14 13 13-1067	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	10,892.65	995.78
33 14 13 13-1068	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	14,806.93	1,137.60
33 14 13 13-1069	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	18,397.45	1,327.70

33 14 13 13-1070 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0596)*

33 14 13 13-1071	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	466.83	133.74
33 14 13 13-1072	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	571.67	154.64
33 14 13 13-1073	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	838.83	194.11
33 14 13 13-1074	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,133.50	220.77
33 14 13 13-1075	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,479.73	331.92
33 14 13 13-1076	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,788.21	362.10
33 14 13 13-1077	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,262.93	398.31
33 14 13 13-1078	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,678.43	442.57
33 14 13 13-1079	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,196.39	497.89
33 14 13 13-1080	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,721.16	569.30
33 14 13 13-1081	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,648.87	663.84
33 14 13 13-1082	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	7,776.17	796.62
33 14 13 13-1083	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	10,105.78	995.78
33 14 13 13-1084	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	13,145.53	1,136.59
33 14 13 13-1085	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	19,504.21	1,327.70

33 14 13 13-1086 Push-On Joint Ductile Iron Piping *(33 14 13 13-0001)*

33 14 13 13-1087 Push-On Joint Ductile Iron Pipe *(33 14 13 13-1086)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-1088	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	33.26	8.80
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*13.95*	
		For Cement Mortar Lining (CML), Add	*1.99*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.76*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.49*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.66*	
		For Class 51, Add	*2.88*	
		For Class 52, Add	*6.21*	
		For Class 53, Add	*11.18*	
		For Class 54, Add	*15.94*	
		For Class 55, Add	*18.34*	
		For Class 56, Add	*20.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1089	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	36.48	9.70
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.31*	
		For Cement Mortar Lining (CML), Add	*2.19*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.81*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.64*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.82*	
		For Class 51, Add	*3.16*	
		For Class 52, Add	*6.82*	
		For Class 53, Add	*12.27*	
		For Class 54, Add	*17.49*	
		For Class 55, Add	*20.13*	
		For Class 56, Add	*22.71*	
33 14 13 13-1090	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	45.89	10.66
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*20.92*	
		For Cement Mortar Lining (CML), Add	*2.99*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*16.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.24*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.29*	
		For Class 51, Add	*4.27*	
		For Class 52, Add	*9.22*	
		For Class 53, Add	*16.62*	
		For Class 54, Add	*23.71*	
		For Class 55, Add	*27.26*	
		For Class 56, Add	*30.75*	
33 14 13 13-1091	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	64.79	14.99
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.30*	
		For Cement Mortar Lining (CML), Add	*4.22*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*21.08*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.16*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.24*	
		For Class 51, Add	*6.03*	
		For Class 52, Add	*13.01*	
		For Class 53, Add	*23.44*	
		For Class 54, Add	*33.44*	
		For Class 55, Add	*38.45*	
		For Class 56, Add	*43.37*	
33 14 13 13-1092	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	75.42	16.60
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.14*	
		For Cement Mortar Lining (CML), Add	*5.03*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*20.11*	
		For Fusion Bonded Epoxy Lining (206N), Add	*9.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.77*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.77*	
		For Class 51, Add	*7.17*	
		For Class 52, Add	*15.46*	
		For Class 53, Add	*27.88*	
		For Class 54, Add	*39.78*	
		For Class 55, Add	*45.73*	
		For Class 56, Add	*51.58*	
33 14 13 13-1093	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	92.35	18.71
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.20*	
		For Cement Mortar Lining (CML), Add	*6.41*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*21.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*11.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.81*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.62*	
		For Class 51, Add	*9.09*	
		For Class 52, Add	*19.62*	
		For Class 53, Add	*35.40*	
		For Class 54, Add	*50.52*	
		For Class 55, Add	*58.06*	
		For Class 56, Add	*65.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1094	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	109.65	21.32
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*31.72*	
		For Cement Mortar Lining (CML), Add	*7.74*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*13.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.80*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.48*	
		For Class 51, Add	*10.95*	
		For Class 52, Add	*23.64*	
		For Class 53, Add	*42.67*	
		For Class 54, Add	*60.91*	
		For Class 55, Add	*69.99*	
		For Class 56, Add	*78.90*	
33 14 13 13-1095	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	127.57	24.95
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*36.84*	
		For Cement Mortar Lining (CML), Add	*8.99*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*27.85*	
		For Fusion Bonded Epoxy Lining (206N), Add	*16.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.74*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.38*	
		For Class 51, Add	*12.72*	
		For Class 52, Add	*27.46*	
		For Class 53, Add	*49.57*	
		For Class 54, Add	*70.75*	
		For Class 55, Add	*81.29*	
		For Class 56, Add	*91.65*	
33 14 13 13-1096	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	146.90	29.88
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*38.62*	
		For Cement Mortar Lining (CML), Add	*10.16*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*28.46*	
		For Fusion Bonded Epoxy Lining (206N), Add	*18.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.62*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.35*	
		For Class 51, Add	*14.42*	
		For Class 52, Add	*31.13*	
		For Class 53, Add	*56.17*	
		For Class 54, Add	*80.16*	
		For Class 55, Add	*92.12*	
		For Class 56, Add	*103.87*	
33 14 13 13-1097	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	185.94	37.31
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*40.09*	
		For Cement Mortar Lining (CML), Add	*12.93*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*27.16*	
		For Fusion Bonded Epoxy Lining (206N), Add	*23.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.70*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.30*	
		For Class 51, Add	*18.33*	
		For Class 52, Add	*39.58*	
		For Class 53, Add	*71.43*	
		For Class 54, Add	*101.94*	
		For Class 55, Add	*117.15*	
		For Class 56, Add	*132.08*	
33 14 13 13-1098	LF	30", Class 50, Push-On Joint Ductile Iron Pipe	221.31	39.83
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*49.90*	
		For Cement Mortar Lining (CML), Add	*16.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.07*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.07*	
		For Class 51, Add	*22.69*	
		For Class 52, Add	*49.01*	
		For Class 53, Add	*88.52*	
		For Class 54, Add	*126.38*	
		For Class 55, Add	*145.18*	
		For Class 56, Add	*163.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1099	LF	36", Class 50, Push-On Joint Ductile Iron Pipe	276.06	42.34
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*65.69*	
		For Cement Mortar Lining (CML), Add	*21.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.89*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-13.80*	
		For Class 51, Add	*29.68*	
		For Class 52, Add	*64.13*	
		For Class 53, Add	*115.96*	
		For Class 54, Add	*165.60*	
		For Class 55, Add	*190.16*	
		For Class 56, Add	*214.27*	
33 14 13 13-1100	LF	42", Class 50, Push-On Joint Ductile Iron Pipe	338.09	44.86
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*83.76*	
		For Cement Mortar Lining (CML), Add	*27.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.26*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-16.90*	
		For Class 51, Add	*37.68*	
		For Class 52, Add	*81.43*	
		For Class 53, Add	*147.34*	
		For Class 54, Add	*210.47*	
		For Class 55, Add	*241.61*	
		For Class 56, Add	*272.18*	
33 14 13 13-1101	LF	48", Class 50, Push-On Joint Ductile Iron Pipe	408.55	47.27
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*104.42*	
		For Cement Mortar Lining (CML), Add	*33.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.26*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-20.43*	
		For Class 51, Add	*46.81*	
		For Class 52, Add	*101.19*	
		For Class 53, Add	*183.20*	
		For Class 54, Add	*261.74*	
		For Class 55, Add	*300.40*	
		For Class 56, Add	*338.34*	
33 14 13 13-1102	LF	54", Class 50, Push-On Joint Ductile Iron Pipe	520.38	49.79
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*137.93*	
		For Cement Mortar Lining (CML), Add	*44.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.37*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-26.02*	
		For Class 51, Add	*61.59*	
		For Class 52, Add	*133.19*	
		For Class 53, Add	*241.27*	
		For Class 54, Add	*344.77*	
		For Class 55, Add	*395.59*	
		For Class 56, Add	*445.48*	

33 14 13 13-1103 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-1086)*

33 14 13 13-1104	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	160.86	34.35
		For Cement Mortar Lining (CML), Add	*10.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1105	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	233.65	50.66
		For Cement Mortar Lining (CML), Add	*15.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1106	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	308.77	60.15
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1107	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	465.83	66.19
		For Cement Mortar Lining (CML), Add	*32.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1108	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	595.68	77.65
		For Cement Mortar Lining (CML), Add	*43.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1109	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,134.54	87.11
		For Cement Mortar Lining (CML), Add	*95.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1110	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	1,283.25	99.58
		For Cement Mortar Lining (CML), Add	*107.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1111	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	1,988.46	139.41
		For Cement Mortar Lining (CML), Add	*170.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*306.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1112	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	2,245.50	175.72
		For Cement Mortar Lining (CML), Add	*189.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1113	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	2,804.00	219.68
		For Cement Mortar Lining (CML), Add	*236.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.36*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-1114 Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-1086)*

33 14 13 13-1115	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	136.11	34.35
		For Cement Mortar Lining (CML), Add	*8.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1116	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	200.38	50.66
		For Cement Mortar Lining (CML), Add	*12.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1117	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	272.97	60.15
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1118	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	416.40	66.19
		For Cement Mortar Lining (CML), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1119	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	532.70	77.65
		For Cement Mortar Lining (CML), Add	*37.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.92*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1120	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	741.28	87.11
		For Cement Mortar Lining (CML), Add	*56.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1121	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,077.34	99.58
		For Cement Mortar Lining (CML), Add	*87.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1122	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	1,255.91	139.41
		For Cement Mortar Lining (CML), Add	*96.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1123	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	1,743.96	175.72
		For Cement Mortar Lining (CML), Add	*139.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1124	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	2,165.21	219.68
		For Cement Mortar Lining (CML), Add	*172.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*310.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1125		Push-On Joint Ductile Iron Tee *(33 14 13 13-1086)*		
33 14 13 13-1126	EA	4" Tee, Push-On Joint Ductile Iron	245.05	50.66
		For Cement Mortar Lining (CML), Add	*16.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1127	EA	6" Tee, Push-On Joint Ductile Iron	343.07	74.44
		For Cement Mortar Lining (CML), Add	*23.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1128	EA	8" Tee, Push-On Joint Ductile Iron	463.24	90.23
		For Cement Mortar Lining (CML), Add	*32.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1129	EA	10" Tee, Push-On Joint Ductile Iron	664.50	100.59
		For Cement Mortar Lining (CML), Add	*51.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1130	EA	12" Tee, Push-On Joint Ductile Iron	823.74	115.97
		For Cement Mortar Lining (CML), Add	*64.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1131	EA	14" Tee, Push-On Joint Ductile Iron	1,303.82	139.41
		For Cement Mortar Lining (CML), Add	*109.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1132	EA	16" Tee, Push-On Joint Ductile Iron	1,871.52	174.32
		For Cement Mortar Lining (CML), Add	*160.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.56*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1133	EA	18" Tee, Push-On Joint Ductile Iron	2,358.79	232.55
		For Cement Mortar Lining (CML), Add	*200.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1134	EA	20" Tee, Push-On Joint Ductile Iron	2,784.26	283.75
		For Cement Mortar Lining (CML), Add	*235.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1135	EA	24" Tee, Push-On Joint Ductile Iron	3,638.58	354.65
		For Cement Mortar Lining (CML), Add	*310.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1136		**Flanged End x Push-On Joint Ductile Iron Adapters** *(33 14 13 13-1088)*		
33 14 13 13-1137	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	363.34	119.13
		For Cement Mortar Lining (CML), Add	*18.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1138	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	445.11	147.50
		For Cement Mortar Lining (CML), Add	*22.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1139	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	579.32	172.03
		For Cement Mortar Lining (CML), Add	*31.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1140	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	792.78	248.94
		For Cement Mortar Lining (CML), Add	*41.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1141	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	957.48	284.55
		For Cement Mortar Lining (CML), Add	*52.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1142	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,101.47	306.38
		For Cement Mortar Lining (CML), Add	*63.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*114.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1143	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,306.39	331.92
		For Cement Mortar Lining (CML), Add	*80.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1144	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,545.50	398.31
		For Cement Mortar Lining (CML), Add	*94.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*169.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1145	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	1,792.64	442.57
		For Cement Mortar Lining (CML), Add	*112.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.16*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1146	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,242.13	510.66
		For Cement Mortar Lining (CML), Add	*146.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1147	EA	30" Flanged End x Push-On Joint Adapter, Ductile Iron	3,563.85	612.76
		For Cement Mortar Lining (CML), Add	*263.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*474.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*197.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1148	EA	36" Flanged End x Push-On Joint Adapter, Ductile Iron	4,920.82	765.94
		For Cement Mortar Lining (CML), Add	*376.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*676.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*282.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1149	EA	42" Flanged End x Push-On Joint Adapter, Ductile Iron	6,210.15	885.13
		For Cement Mortar Lining (CML), Add	*486.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*876.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*365.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1150	EA	48" Flanged End x Push-On Joint Adapter, Ductile Iron	7,927.08	1,138.00
		For Cement Mortar Lining (CML), Add	*620.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,116.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*465.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1151	EA	54" Flanged End x Push-On Joint Adapter, Ductile Iron	9,624.69	1,328.00
		For Cement Mortar Lining (CML), Add	*761.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,370.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*570.94*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-1152 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-1086)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-1153	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	36.02	18.54
33 14 13 13-1154	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	48.15	24.19
33 14 13 13-1155	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	62.87	24.61
33 14 13 13-1156	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	72.63	26.14
33 14 13 13-1157	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	85.20	29.04
33 14 13 13-1158	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	105.23	32.67
33 14 13 13-1159	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	123.44	37.34
33 14 13 13-1160	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	138.18	40.45
33 14 13 13-1161	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	161.93	48.54
33 14 13 13-1162	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	190.01	50.41
33 14 13 13-1163	EA	30" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	238.76	56.02
33 14 13 13-1164	EA	36" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	304.49	60.67
33 14 13 13-1165	EA	42" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	371.11	66.38
33 14 13 13-1166	EA	48" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	435.80	74.68
33 14 13 13-1167	EA	54" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	589.58	80.99

33 14 13 13-1168 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-1086)*

33 14 13 13-1169	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	217.49	67.90
33 14 13 13-1170	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	287.04	82.88
33 14 13 13-1171	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	369.64	101.08
33 14 13 13-1172	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	557.37	123.32
33 14 13 13-1173	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	691.34	150.37
33 14 13 13-1174	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,192.66	183.46
33 14 13 13-1175	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,361.45	223.90
33 14 13 13-1176	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,545.34	273.08
33 14 13 13-1177	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,101.07	333.23
33 14 13 13-1178	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,679.99	406.46
33 14 13 13-1179	EA	30" Bell Restraint Harness, Ductile Iron (MEGALUG® 173000)	4,627.89	495.98
33 14 13 13-1180	EA	36" Bell Restraint Harness, Ductile Iron (MEGALUG® 173600)	6,567.43	605.00
33 14 13 13-1181	EA	42" Bell Restraint Harness, Ductile Iron (MEGALUG® 174200)	11,933.86	738.18
33 14 13 13-1182	EA	48" Bell Restraint Harness, Ductile Iron (MEGALUG® 174800)	15,439.32	900.52

33 14 13 13-1183 Ductile Iron Pipe Repair *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0002 for mechanical joint fittings.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1184		Ductile Iron Pipe Repair *(33 14 13 13-1183)*			
		Note: Includes two transition sleeves, mechanical joint ductile iron sleeve and 16' of ductile iron pipe.			
33 14 13 13-1185	EA	30" Diameter Mechanical Ductile Iron Push Joint		2,548.78	
33 14 13 13-1186	EA	36" Diameter Mechanical Ductile Iron Push Joint		3,211.23	
33 14 13 13-1187	EA	42" Diameter Mechanical Ductile Iron Push Joint		4,006.60	
33 14 13 13-1188	EA	48" Diameter Mechanical Ductile Iron Push Joint		5,013.59	
33 14 13 13-1189	EA	54" Diameter Mechanical Ductile Iron Push Joint		7,196.92	
33 14 13 13-1190		WEKO Seals *(33 14 13 13-1183)*			
		Note: Internal joint seal.			
33 14 13 13-1191	EA	16" WEKO Internal Joint Seal		1,339.15	189.28
		For Extra Wide Seals, Add		*84.34*	
33 14 13 13-1192	EA	18" WEKO Internal Joint Seal		1,425.92	199.87
		For Extra Wide Seals, Add		*85.15*	
33 14 13 13-1193	EA	20" WEKO Internal Joint Seal		1,512.52	210.45
		For Extra Wide Seals, Add		*85.94*	
33 14 13 13-1194	EA	24" WEKO Internal Joint Seal		1,604.36	227.29
		For Extra Wide Seals, Add		*87.22*	
33 14 13 13-1195	EA	30" WEKO Internal Joint Seal		1,660.33	244.12
		For Extra Wide Seals, Add		*88.50*	
33 14 13 13-1196	EA	36" WEKO Internal Joint Seal		1,745.97	265.18
		For Extra Wide Seals, Add		*90.09*	
33 14 13 13-1197	EA	42" WEKO Internal Joint Seal		1,864.88	290.42
		For Extra Wide Seals, Add		*92.00*	
33 14 13 13-1198	EA	48" WEKO Internal Joint Seal		2,013.27	311.47
		For Extra Wide Seals, Add		*93.60*	
33 14 13 13-1199	EA	54" WEKO Internal Joint Seal		2,090.76	328.31
		For Extra Wide Seals, Add		*94.87*	
33 14 13 13-1200	EA	60" WEKO Internal Joint Seal		2,184.59	353.56
		For Extra Wide Seals, Add		*96.79*	
33 14 13 23		**Plastic Public Water Utility Distribution Piping** *(33 14 13)*			
33 14 13 23-0001		Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*			
33 14 13 23-0002		Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0001)*			
33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		2.16	0.76
		For >1,000, Deduct		*-0.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.04*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		2.38	0.82
		For >1,000, Deduct		*-0.12*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.05*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		2.76	0.89
		For >1,000, Deduct		*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.08*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		3.18	0.99
		For >1,000, Deduct		*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.11*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		4.07	1.11
		For >1,000, Deduct		*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.20*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		5.22	1.26
		For >1,000, Deduct		*-0.26*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.31*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		6.39	1.42
		For >1,000, Deduct		*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.43*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		9.02	1.75
		For >1,000, Deduct		*-0.45*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*0.70*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		15.68	2.22
		For >1,000, Deduct		*-0.78*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*1.52*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		24.77	3.04
		For >1,000, Deduct		*-1.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*2.57*	
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		36.85	4.07
		For >1,000, Deduct		*-1.84*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*4.00*	
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe		51.27	5.47
		For >1,000, Deduct		*-2.56*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add		*5.64*	
33 14 13 23-0015		90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*			
33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		23.13	9.14
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		29.23	11.43
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		36.79	14.28
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		54.30	15.81
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		58.87	17.71
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow		69.53	20.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	78.48	22.76
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	108.19	27.95
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	154.84	35.51
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	248.50	46.61
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	306.61	62.36
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	405.61	83.94
33 14 13 23-0028		45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*		
33 14 13 23-0029	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	23.53	9.14
33 14 13 23-0030	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	29.51	11.43
33 14 13 23-0031	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	36.96	14.28
33 14 13 23-0032	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	49.11	15.81
33 14 13 23-0033	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	59.35	17.71
33 14 13 23-0034	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	71.48	20.09
33 14 13 23-0035	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	77.66	22.76
33 14 13 23-0036	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	106.41	27.95
33 14 13 23-0037	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	151.24	35.51
33 14 13 23-0038	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	241.64	46.61
33 14 13 23-0039	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	278.19	62.36
33 14 13 23-0040	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	366.29	83.94
33 14 13 23-0041		Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	34.68	13.71
33 14 13 23-0043	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	43.76	17.23
33 14 13 23-0044	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	54.85	21.52
33 14 13 23-0045	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	75.07	23.81
33 14 13 23-0046	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	85.35	26.47
33 14 13 23-0047	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	99.22	30.19
33 14 13 23-0048	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	119.92	34.05
33 14 13 23-0049	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	157.01	41.97
33 14 13 23-0050	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	257.09	53.35
33 14 13 23-0051	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	383.30	69.92
33 14 13 23-0052	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	454.32	97.59
33 14 13 23-0053	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	569.81	131.32
33 14 13 23-0054		Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	15.48	6.10
33 14 13 23-0056	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	20.91	8.19
33 14 13 23-0057	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	27.88	10.76
33 14 13 23-0058	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	38.35	11.91
33 14 13 23-0059	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	42.32	13.24
33 14 13 23-0060	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	48.14	15.05
33 14 13 23-0061	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	55.64	17.02
33 14 13 23-0062	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	75.90	20.94
33 14 13 23-0063	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	107.86	26.68
33 14 13 23-0064	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	181.32	34.96
33 14 13 23-0065	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	216.00	48.85
33 14 13 23-0066	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	275.91	65.66
33 14 13 23-0067		Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings *(33 14 13 23)*		
33 14 13 23-0068		Schedule 40 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.36	0.76
		For >1,000, Deduct	*-0.12*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.07*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.76	0.82
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.11*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.53	0.99
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.16*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.21	1.11
		For >1,000, Deduct	*-0.21*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.22*	
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.43	1.26
		For >1,000, Deduct	*-0.27*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.34*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.52	1.42
		For >1,000, Deduct	*-0.33*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.45*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	8.65	1.75
		For >1,000, Deduct	*-0.43*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.64*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	13.04	2.22
		For >1,000, Deduct	*-0.65*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0077		90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	23.28	9.14
33 14 13 23-0079	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	29.31	11.43
33 14 13 23-0080	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	40.75	15.81
33 14 13 23-0081	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	46.00	17.71
33 14 13 23-0082	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	55.08	20.09
33 14 13 23-0083	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	62.67	22.76
33 14 13 23-0084	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	81.73	27.95
33 14 13 23-0085	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	126.51	35.51
33 14 13 23-0086		45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	23.24	9.14
33 14 13 23-0088	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	29.28	11.43
33 14 13 23-0089	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	40.77	15.81
33 14 13 23-0090	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	45.87	17.71
33 14 13 23-0091	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	54.71	20.09
33 14 13 23-0092	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	62.24	22.76
33 14 13 23-0093	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	80.86	27.95
33 14 13 23-0094	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	123.72	35.51
33 14 13 23-0095		Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	34.83	13.71
33 14 13 23-0097	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	43.87	17.23
33 14 13 23-0098	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	60.96	23.81
33 14 13 23-0099	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	68.52	26.47
33 14 13 23-0100	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	82.81	30.19
33 14 13 23-0101	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	95.78	34.05
33 14 13 23-0102	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	119.04	41.97
33 14 13 23-0103	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	192.43	53.35
33 14 13 23-0104		Couplings, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	15.55	6.10
33 14 13 23-0106	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	20.96	8.19
33 14 13 23-0107	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	30.39	11.91
33 14 13 23-0108	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	34.24	13.24
33 14 13 23-0109	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	40.12	15.05
33 14 13 23-0110	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	46.35	17.02
33 14 13 23-0111	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	57.40	20.94
33 14 13 23-0112	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	83.81	26.68
33 14 13 23-0113		Crosses, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	46.57	18.29
33 14 13 23-0115	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	58.42	22.95
33 14 13 23-0116	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	81.27	31.72
33 14 13 23-0117	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	91.35	35.33
33 14 13 23-0118	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	110.38	40.19
33 14 13 23-0119	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	127.65	45.43
33 14 13 23-0120	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	158.64	55.89
33 14 13 23-0121	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	256.23	71.10
33 14 13 23-0122		Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings *(33 14 13 23)*		
33 14 13 23-0123		Schedule 80 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	2.98	0.82
		For >1,000, Deduct	*-0.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.14*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.97	0.99
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.23*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.94	1.11
		For >1,000, Deduct	*-0.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.33*	
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.39	1.26
		For >1,000, Deduct	*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.49*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.86	1.42
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.65*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	10.70	1.75
		For >1,000, Deduct	*-0.54*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.95*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	17.59	2.22
		For >1,000, Deduct	*-0.88*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0131		**90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0132	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	30.44	11.43
33 14 13 23-0133	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	40.75	15.81
33 14 13 23-0134	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	47.14	17.71
33 14 13 23-0135	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	57.49	20.09
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	64.91	22.76
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	82.27	27.95
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	123.96	35.51
33 14 13 23-0139		**45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	35.09	11.43
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	45.23	15.81
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	51.44	17.71
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	65.56	20.09
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	75.42	22.76
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	103.40	27.95
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	122.54	35.51
33 14 13 23-0147		**Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	46.25	17.23
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	68.18	23.81
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	77.13	26.47
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	87.37	30.19
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	100.14	34.05
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	122.19	41.97
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	192.31	53.35
33 14 13 23-0155		**Couplings, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	22.66	8.19
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	33.31	11.91
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	36.99	13.24
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	47.17	15.05
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	53.46	17.02
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	66.04	20.94
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	95.87	26.68
33 14 13 23-0163		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	61.58	22.95
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	90.86	31.72
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	102.78	35.33
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	116.44	40.19
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	133.44	45.43
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	162.82	55.89
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	256.08	71.10
33 14 13 23-0171		**AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23)*		
		Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0172		**AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0173	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	9.49	3.57
33 14 13 23-0174	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	13.44	4.33
33 14 13 23-0175	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	18.00	4.87
33 14 13 23-0176	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	23.31	5.40
33 14 13 23-0177	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	29.78	6.05
33 14 13 23-0178		**AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0179	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	10.33	3.57
33 14 13 23-0180	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	15.20	4.33
33 14 13 23-0181	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	20.95	4.87
33 14 13 23-0182	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	27.90	5.40
33 14 13 23-0183	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	36.18	6.05
33 14 13 23-0184		**AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0185	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	11.16	3.57
33 14 13 23-0186	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	16.94	4.33
33 14 13 23-0187	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	23.91	4.87
33 14 13 23-0188	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	32.38	5.40
33 14 13 23-0189	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	42.59	6.05
33 14 13 23-0190		**AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0191	LF	18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	46.63	9.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0192	LF	20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	56.75	10.81
33 14 13 23-0193	LF	24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	75.53	12.97
33 14 13 23-0194	LF	30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	107.79	15.13
33 14 13 23-0195	LF	36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	147.44	17.29
33 14 13 23-0196	LF	42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	185.49	18.38
33 14 13 23-0197	LF	48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	233.60	19.78
33 14 13 23-0198		**AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0199	LF	14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	34.44	6.81
33 14 13 23-0200	LF	16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	42.86	7.57
33 14 13 23-0201	LF	18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	53.05	9.08
33 14 13 23-0202	LF	20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	65.08	10.81
33 14 13 23-0203	LF	24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	88.38	12.97
33 14 13 23-0204	LF	30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	126.22	15.13
33 14 13 23-0205	LF	36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	172.12	17.29
33 14 13 23-0206	LF	42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	226.53	18.38
33 14 13 23-0207	LF	48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	286.85	19.78
33 14 13 23-0208		**AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0209	LF	14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	39.38	6.81
33 14 13 23-0210	LF	16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	49.71	7.57
33 14 13 23-0211	LF	18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	61.56	9.08
33 14 13 23-0212	LF	20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	76.12	10.81
33 14 13 23-0213	LF	24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	104.24	12.97
33 14 13 23-0214	LF	30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	150.04	15.13
33 14 13 23-0215	LF	36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	206.90	17.29
33 14 13 23-0216	LF	42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	267.74	18.38
33 14 13 23-0217	LF	48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	340.62	19.78
33 14 13 23-0218		**AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0219	LF	14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	47.82	6.81
33 14 13 23-0220	LF	16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	59.74	7.57
33 14 13 23-0221	LF	18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	74.46	9.08
33 14 13 23-0222	LF	20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	91.71	10.81
33 14 13 23-0223	LF	24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	126.72	12.97
33 14 13 23-0224	LF	30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	185.32	15.13
33 14 13 23-0225	LF	36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	261.13	17.29
33 14 13 23-0226	LF	42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	347.27	18.38
33 14 13 23-0227	LF	48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	447.35	19.78
33 14 13 23-0228		**AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0229	LF	14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	54.16	6.81
33 14 13 23-0230	LF	16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	67.99	7.57
33 14 13 23-0231	LF	18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	84.87	9.08
33 14 13 23-0232	LF	20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	104.67	10.81
33 14 13 23-0233	LF	24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	145.37	12.97
33 14 13 23-0234	LF	30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	214.01	15.13
33 14 13 23-0235	LF	36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	303.04	17.29
33 14 13 23-0236	LF	42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	404.71	18.38
33 14 13 23-0237		**AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0238	LF	14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	60.34	6.81
33 14 13 23-0239	LF	16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	76.01	7.57
33 14 13 23-0240	LF	18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	94.99	9.08
33 14 13 23-0241	LF	20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	117.29	10.81
33 14 13 23-0242	LF	24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	163.50	12.97
33 14 13 23-0243	LF	30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	241.92	15.13
33 14 13 23-0244	LF	36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	343.82	17.29
33 14 13 23-0245		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)*		
		Note: Includes rubber gaskets.		
33 14 13 23-0246		**90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0247	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	173.59	11.43
		For DR 25, Deduct	*-9.04*	
33 14 13 23-0248	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	354.75	12.86
		For DR 25, Deduct	*-19.74*	
33 14 13 23-0249	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	532.54	14.28
		For DR 25, Deduct	*-30.24*	
33 14 13 23-0250	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	813.55	22.81
		For DR 25, Deduct	*-46.08*	
33 14 13 23-0251	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,059.33	38.01
		For DR 25, Deduct	*-59.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0252	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,590.17	47.51
		For DR 25, Deduct	*-89.71*	
33 14 13 23-0253	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,897.69	57.01
		For DR 25, Deduct	*-107.02*	
33 14 13 23-0254	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,254.85	76.02
		For DR 25, Deduct	*-186.17*	
33 14 13 23-0255	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,006.94	95.02
		For DR 25, Deduct	*-229.01*	
33 14 13 23-0256	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,649.39	128.28
		For DR 25, Deduct	*-383.57*	

33 14 13 23-0257 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0258	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	153.91	11.43
		For DR 25, Deduct	*-7.86*	
33 14 13 23-0259	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	265.49	12.86
		For DR 25, Deduct	*-14.39*	
33 14 13 23-0260	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	336.30	14.28
		For DR 25, Deduct	*-18.46*	
33 14 13 23-0261	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	476.06	22.81
		For DR 25, Deduct	*-25.83*	
33 14 13 23-0262	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	637.02	38.01
		For DR 25, Deduct	*-33.66*	
33 14 13 23-0263	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,222.83	47.51
		For DR 25, Deduct	*-67.67*	
33 14 13 23-0264	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,549.69	57.01
		For DR 25, Deduct	*-86.14*	
33 14 13 23-0265	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,673.00	76.02
		For DR 25, Deduct	*-151.26*	
33 14 13 23-0266	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,320.04	95.02
		For DR 25, Deduct	*-187.80*	
33 14 13 23-0267	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,684.81	128.28
		For DR 25, Deduct	*-265.70*	

33 14 13 23-0268 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0269	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	151.51	11.43
		For DR 25, Deduct	*-7.72*	
33 14 13 23-0270	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	265.49	12.86
		For DR 25, Deduct	*-14.39*	
33 14 13 23-0271	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	336.31	14.28
		For DR 25, Deduct	*-18.46*	
33 14 13 23-0272	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	476.07	22.81
		For DR 25, Deduct	*-25.83*	
33 14 13 23-0273	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	637.02	38.01
		For DR 25, Deduct	*-33.66*	
33 14 13 23-0274	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,219.01	45.61
		For DR 25, Deduct	*-67.67*	
33 14 13 23-0275	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,549.67	57.01
		For DR 25, Deduct	*-86.14*	
33 14 13 23-0276	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,673.00	76.02
		For DR 25, Deduct	*-151.26*	
33 14 13 23-0277	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,320.04	95.02
		For DR 25, Deduct	*-187.80*	
33 14 13 23-0278	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,684.81	128.28
		For DR 25, Deduct	*-265.70*	

33 14 13 23-0279 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0280	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	133.89	11.43
		For DR 25, Deduct	*-6.66*	
33 14 13 23-0281	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	265.49	12.86
		For DR 25, Deduct	*-14.39*	
33 14 13 23-0282	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	336.31	14.28
		For DR 25, Deduct	*-18.46*	
33 14 13 23-0283	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	476.07	22.81
		For DR 25, Deduct	*-25.83*	
33 14 13 23-0284	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	637.02	38.01
		For DR 25, Deduct	*-33.66*	
33 14 13 23-0285	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,219.01	45.61
		For DR 25, Deduct	*-67.67*	
33 14 13 23-0286	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,549.67	57.01
		For DR 25, Deduct	*-86.14*	
33 14 13 23-0287	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,673.00	76.02
		For DR 25, Deduct	*-151.26*	
33 14 13 23-0288	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,320.04	95.02
		For DR 25, Deduct	*-187.80*	
33 14 13 23-0289	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,684.81	128.28
		For DR 25, Deduct	*-265.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0290		Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*		
33 14 13 23-0291	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	206.26	12.86
		For DR 25, Deduct	*-10.83*	
33 14 13 23-0292	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	397.68	14.28
		For DR 25, Deduct	*-22.15*	
33 14 13 23-0293	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	554.71	16.19
		For DR 25, Deduct	*-31.34*	
33 14 13 23-0294	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,143.67	28.50
		For DR 25, Deduct	*-65.20*	
33 14 13 23-0295	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,397.56	57.01
		For DR 25, Deduct	*-77.01*	
33 14 13 23-0296	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,521.69	71.27
		For DR 25, Deduct	*-142.75*	
33 14 13 23-0297	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,123.15	85.51
		For DR 25, Deduct	*-177.12*	
33 14 13 23-0298	EA	18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,941.14	114.03
		For DR 25, Deduct	*-222.79*	
33 14 13 23-0299	EA	20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,733.24	142.53
		For DR 25, Deduct	*-266.89*	
33 14 13 23-0300	EA	24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,486.50	96.92
		For DR 25, Deduct	*-377.56*	
33 14 13 23-0301		Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*		
33 14 13 23-0302	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	396.27	18.57
		For DR 25, Deduct	*-21.55*	
33 14 13 23-0303	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	538.66	20.00
		For DR 25, Deduct	*-29.92*	
33 14 13 23-0304	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	552.16	20.71
		For DR 25, Deduct	*-30.64*	
33 14 13 23-0305	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	716.90	28.50
		For DR 25, Deduct	*-39.59*	
33 14 13 23-0306	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	970.23	29.22
		For DR 25, Deduct	*-54.71*	
33 14 13 23-0307	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,037.83	29.93
		For DR 25, Deduct	*-58.68*	
33 14 13 23-0308	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,101.17	43.71
		For DR 25, Deduct	*-60.83*	
33 14 13 23-0309	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,263.62	44.42
		For DR 25, Deduct	*-70.49*	
33 14 13 23-0310	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,340.40	45.14
		For DR 25, Deduct	*-75.01*	
33 14 13 23-0311	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,365.92	49.41
		For DR 25, Deduct	*-76.03*	
33 14 13 23-0312	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,072.63	51.31
		For DR 25, Deduct	*-118.20*	
33 14 13 23-0313	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,155.90	52.03
		For DR 25, Deduct	*-123.11*	
33 14 13 23-0314	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,239.38	52.73
		For DR 25, Deduct	*-128.03*	
33 14 13 23-0315	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,329.50	57.01
		For DR 25, Deduct	*-132.93*	
33 14 13 23-0316	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,426.59	64.62
		For DR 25, Deduct	*-137.84*	
33 14 13 23-0317	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,586.48	62.71
		For DR 25, Deduct	*-147.66*	
33 14 13 23-0318	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,668.29	62.71
		For DR 25, Deduct	*-152.57*	
33 14 13 23-0319	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,751.58	63.43
		For DR 25, Deduct	*-157.48*	
33 14 13 23-0320	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,834.85	64.14
		For DR 25, Deduct	*-162.39*	
33 14 13 23-0321	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,940.41	76.02
		For DR 25, Deduct	*-167.30*	
33 14 13 23-0322	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,029.86	79.82
		For DR 25, Deduct	*-172.21*	
33 14 13 23-0323	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,196.76	81.72
		For DR 25, Deduct	*-182.00*	
33 14 13 23-0324	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,280.61	82.44
		For DR 25, Deduct	*-186.95*	
33 14 13 23-0325	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,363.88	83.14
		For DR 25, Deduct	*-191.86*	
33 14 13 23-0326	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,454.27	87.42
		For DR 25, Deduct	*-196.77*	
33 14 13 23-0327	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,551.29	95.02
		For DR 25, Deduct	*-201.67*	
33 14 13 23-0328	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,640.16	98.83
		For DR 25, Deduct	*-206.55*	
33 14 13 23-0329	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,753.18	104.52
		For DR 25, Deduct	*-212.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0330	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,054.28	100.72
		For DR 25, Deduct	*-231.17*	
33 14 13 23-0331	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,195.45	101.43
		For DR 25, Deduct	*-239.55*	
33 14 13 23-0332	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,251.05	102.15
		For DR 25, Deduct	*-242.81*	
33 14 13 23-0333	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,313.85	106.42
		For DR 25, Deduct	*-246.06*	
33 14 13 23-0334	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,383.25	114.03
		For DR 25, Deduct	*-249.31*	
33 14 13 23-0335	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,478.72	117.82
		For DR 25, Deduct	*-254.58*	
33 14 13 23-0336	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,578.01	123.53
		For DR 25, Deduct	*-259.86*	
33 14 13 23-0337	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,655.61	133.03
		For DR 25, Deduct	*-263.37*	
33 14 13 23-0338	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,774.72	133.98
		For DR 25, Deduct	*-270.41*	
33 14 13 23-0339	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,834.78	134.70
		For DR 25, Deduct	*-273.92*	
33 14 13 23-0340	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,894.83	135.40
		For DR 25, Deduct	*-277.44*	
33 14 13 23-0341	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,141.75	139.68
		For DR 25, Deduct	*-291.74*	
33 14 13 23-0342	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,395.32	147.28
		For DR 25, Deduct	*-306.05*	
33 14 13 23-0343	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,641.29	151.09
		For DR 25, Deduct	*-320.35*	
33 14 13 23-0344	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,891.08	156.78
		For DR 25, Deduct	*-334.65*	
33 14 13 23-0345	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,148.46	166.29
		For DR 25, Deduct	*-348.95*	
33 14 13 23-0346	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,405.84	175.79
		For DR 25, Deduct	*-363.26*	

33 14 13 23-0347 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0348	EA	4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	286.45	22.85
		For DR 25, Deduct	*-14.44*	
33 14 13 23-0349	EA	6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	513.45	25.71
		For DR 25, Deduct	*-27.72*	
33 14 13 23-0350	EA	8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	710.37	28.57
		For DR 25, Deduct	*-39.19*	
33 14 13 23-0351	EA	10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,448.97	45.61
		For DR 25, Deduct	*-81.47*	
33 14 13 23-0352	EA	12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,718.77	57.01
		For DR 25, Deduct	*-96.29*	
33 14 13 23-0353	EA	14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,126.14	76.02
		For DR 25, Deduct	*-178.45*	
33 14 13 23-0354	EA	16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,879.58	95.02
		For DR 25, Deduct	*-221.38*	
33 14 13 23-0355	EA	18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,946.13	152.03
		For DR 25, Deduct	*-278.52*	
33 14 13 23-0356	EA	20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,940.38	190.05
		For DR 25, Deduct	*-333.62*	
33 14 13 23-0357	EA	24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,378.47	256.55
		For DR 25, Deduct	*-471.92*	

33 14 13 23-0358 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0359	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	497.83	24.28
		For DR 25, Deduct	*-26.96*	
33 14 13 23-0360	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	675.52	25.71
		For DR 25, Deduct	*-37.45*	
33 14 13 23-0361	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	692.84	27.14
		For DR 25, Deduct	*-38.31*	
33 14 13 23-0362	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,038.97	34.21
		For DR 25, Deduct	*-58.23*	
33 14 13 23-0363	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,211.16	35.63
		For DR 25, Deduct	*-68.39*	
33 14 13 23-0364	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,330.33	37.06
		For DR 25, Deduct	*-75.37*	
33 14 13 23-0365	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,366.43	49.41
		For DR 25, Deduct	*-76.06*	
33 14 13 23-0366	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,570.06	50.83
		For DR 25, Deduct	*-88.10*	
33 14 13 23-0367	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,667.14	52.26
		For DR 25, Deduct	*-93.76*	
33 14 13 23-0368	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,705.36	60.81
		For DR 25, Deduct	*-95.02*	
33 14 13 23-0369	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,576.53	57.01
		For DR 25, Deduct	*-147.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0370	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,681.38	58.44
		For DR 25, Deduct	*-153.87*	
33 14 13 23-0371	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,787.34	59.87
		For DR 25, Deduct	*-160.06*	
33 14 13 23-0372	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,907.14	68.42
		For DR 25, Deduct	*-166.22*	
33 14 13 23-0373	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,039.46	83.62
		For DR 25, Deduct	*-172.33*	
33 14 13 23-0374	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,212.65	68.42
		For DR 25, Deduct	*-184.55*	
33 14 13 23-0375	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,318.87	69.84
		For DR 25, Deduct	*-190.75*	
33 14 13 23-0376	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,423.96	71.27
		For DR 25, Deduct	*-196.89*	
33 14 13 23-0377	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,543.67	79.82
		For DR 25, Deduct	*-203.04*	
33 14 13 23-0378	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,603.14	95.02
		For DR 25, Deduct	*-204.79*	
33 14 13 23-0379	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,793.34	102.62
		For DR 25, Deduct	*-215.29*	
33 14 13 23-0380	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,967.02	87.42
		For DR 25, Deduct	*-227.53*	
33 14 13 23-0381	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,072.99	88.85
		For DR 25, Deduct	*-233.72*	
33 14 13 23-0382	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,178.25	90.27
		For DR 25, Deduct	*-239.86*	
33 14 13 23-0383	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,296.41	98.83
		For DR 25, Deduct	*-245.93*	
33 14 13 23-0384	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,429.95	114.03
		For DR 25, Deduct	*-252.11*	
33 14 13 23-0385	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,547.08	121.63
		For DR 25, Deduct	*-258.23*	
33 14 13 23-0386	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,696.72	133.03
		For DR 25, Deduct	*-265.84*	
33 14 13 23-0387	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,029.38	106.42
		For DR 25, Deduct	*-288.99*	
33 14 13 23-0388	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,206.62	107.85
		For DR 25, Deduct	*-299.46*	
33 14 13 23-0389	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,277.70	109.27
		For DR 25, Deduct	*-303.55*	
33 14 13 23-0390	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,362.30	117.82
		For DR 25, Deduct	*-307.60*	
33 14 13 23-0391	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,460.21	133.03
		For DR 25, Deduct	*-311.65*	
33 14 13 23-0392	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,584.49	140.63
		For DR 25, Deduct	*-318.19*	
33 14 13 23-0393	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,718.55	152.03
		For DR 25, Deduct	*-324.87*	
33 14 13 23-0394	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,829.61	171.04
		For DR 25, Deduct	*-329.25*	
33 14 13 23-0395	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,880.28	139.68
		For DR 25, Deduct	*-336.06*	
33 14 13 23-0396	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,989.31	141.11
		For DR 25, Deduct	*-342.43*	
33 14 13 23-0397	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,065.74	142.53
		For DR 25, Deduct	*-346.84*	
33 14 13 23-0398	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,380.46	151.09
		For DR 25, Deduct	*-364.70*	
33 14 13 23-0399	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,708.60	166.29
		For DR 25, Deduct	*-382.56*	
33 14 13 23-0400	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,021.48	173.89
		For DR 25, Deduct	*-400.42*	
33 14 13 23-0401	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,343.23	185.30
		For DR 25, Deduct	*-418.36*	
33 14 13 23-0402	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,678.29	204.29
		For DR 25, Deduct	*-436.18*	
33 14 13 23-0403	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,014.60	223.30
		For DR 25, Deduct	*-454.08*	

33 14 13 23-0404 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0405	EA	4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	104.04	11.43
		For DR 25, Deduct	*-4.87*	
33 14 13 23-0406	EA	6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	193.27	12.86
		For DR 25, Deduct	*-10.05*	
33 14 13 23-0407	EA	8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	232.55	14.28
		For DR 25, Deduct	*-12.24*	
33 14 13 23-0408	EA	10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	330.95	22.81
		For DR 25, Deduct	*-17.12*	
33 14 13 23-0409	EA	12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	525.85	28.50
		For DR 25, Deduct	*-28.13*	
33 14 13 23-0410	EA	14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	911.46	38.01
		For DR 25, Deduct	*-50.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0411	EA	16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,079.91	47.51
		For DR 25, Deduct	*-59.09*	
33 14 13 23-0412	EA	18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,582.45	76.02
		For DR 25, Deduct	*-145.83*	
33 14 13 23-0413	EA	20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,895.86	95.02
		For DR 25, Deduct	*-162.35*	
33 14 13 23-0414	EA	24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,077.00	128.28
		For DR 25, Deduct	*-229.23*	

33 14 13 23-0415 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0416	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	128.75	11.43
		For DR 25, Deduct	*-6.35*	
33 14 13 23-0417	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	174.72	12.86
		For DR 25, Deduct	*-8.94*	
33 14 13 23-0418	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	253.68	14.28
		For DR 25, Deduct	*-13.51*	
33 14 13 23-0419	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	347.42	22.81
		For DR 25, Deduct	*-18.11*	
33 14 13 23-0420	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	556.86	38.01
		For DR 25, Deduct	*-28.85*	
33 14 13 23-0421	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,473.94	45.61
		For DR 25, Deduct	*-82.96*	
33 14 13 23-0422	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,994.85	57.01
		For DR 25, Deduct	*-112.85*	
33 14 13 23-0423	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,458.37	76.02
		For DR 25, Deduct	*-138.38*	
33 14 13 23-0424	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,937.41	95.02
		For DR 25, Deduct	*-164.84*	
33 14 13 23-0425	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,990.30	128.28
		For DR 25, Deduct	*-224.03*	

33 14 13 23-0426 AWWA C906, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23)*

Note: ASTM D3350 pipe, ASTM D2657 heat fusion.

33 14 13 23-0427 High Density Polyethylene (HDPE) Pressure Pipe *(33 14 13 23-0426)*

33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	7.12	2.81
		For SDR 19, Add	*0.13*	
		For SDR 17, Add	*0.32*	
		For SDR 15.5, Add	*0.47*	
		For SDR 13.5, Add	*0.73*	
		For SDR 11, Add	*1.18*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	9.10	3.57
		For SDR 26, Deduct	*-0.36*	
		For SDR 19, Add	*0.18*	
		For SDR 17, Add	*0.44*	
		For SDR 15.5, Add	*0.64*	
		For SDR 13.5, Add	*1.00*	
		For SDR 11, Add	*1.61*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	12.89	4.33
		For SDR 26, Deduct	*-0.78*	
		For SDR 19, Add	*0.38*	
		For SDR 17, Add	*0.94*	
		For SDR 15.5, Add	*1.38*	
		For SDR 13.5, Add	*2.16*	
		For SDR 11, Add	*3.47*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	16.94	4.87
		For SDR 26, Deduct	*-1.32*	
		For SDR 19, Add	*0.65*	
		For SDR 17, Add	*1.60*	
		For SDR 15.5, Add	*2.35*	
		For SDR 13.5, Add	*3.67*	
		For SDR 11, Add	*5.90*	
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	22.03	5.40
		For SDR 26, Deduct	*-2.06*	
		For SDR 19, Add	*1.01*	
		For SDR 17, Add	*2.49*	
		For SDR 15.5, Add	*3.65*	
		For SDR 13.5, Add	*5.70*	
		For SDR 11, Add	*9.17*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	28.18	60.52
		For SDR 26, Deduct	*-2.97*	
		For SDR 19, Add	*1.46*	
		For SDR 17, Add	*3.60*	
		For SDR 15.5, Add	*5.26*	
		For SDR 13.5, Add	*8.22*	
		For SDR 11, Add	*13.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	32.53	6.81
		For SDR 26, Deduct	*-3.49*	
		For SDR 19, Add	*1.71*	
		For SDR 17, Add	*4.23*	
		For SDR 15.5, Add	*6.19*	
		For SDR 13.5, Add	*9.66*	
		For SDR 11, Add	*15.55*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	39.98	7.57
		For SDR 26, Deduct	*-4.56*	
		For SDR 19, Add	*2.24*	
		For SDR 17, Add	*5.52*	
		For SDR 15.5, Add	*8.09*	
		For SDR 13.5, Add	*12.62*	
		For SDR 11, Add	*20.31*	
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	49.61	9.08
		For SDR 26, Deduct	*-5.76*	
		For SDR 19, Add	*2.83*	
		For SDR 17, Add	*6.98*	
		For SDR 15.5, Add	*10.22*	
		For SDR 13.5, Add	*15.95*	
		For SDR 11, Add	*25.67*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	68.01	10.81
		For SDR 26, Deduct	*-8.50*	
		For SDR 19, Add	*4.18*	
		For SDR 17, Add	*10.31*	
		For SDR 15.5, Add	*15.10*	
		For SDR 13.5, Add	*23.56*	
		For SDR 11, Add	*37.92*	
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	81.80	12.97
		For SDR 26, Deduct	*-10.24*	
		For SDR 19, Add	*5.03*	
		For SDR 17, Add	*12.41*	
		For SDR 15.5, Add	*18.18*	
		For SDR 13.5, Add	*28.38*	
		For SDR 11, Add	*45.67*	
33 14 13 23-0439		90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	53.54	14.28
		For SDR 26, Deduct	*-1.96*	
		For SDR 19, Add	*0.96*	
		For SDR 17, Add	*2.38*	
		For SDR 15.5, Add	*3.48*	
		For SDR 13.5, Add	*5.43*	
		For SDR 11, Add	*8.74*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	60.36	15.88
		For SDR 26, Deduct	*-2.34*	
		For SDR 19, Add	*1.15*	
		For SDR 17, Add	*2.83*	
		For SDR 15.5, Add	*4.15*	
		For SDR 13.5, Add	*6.47*	
		For SDR 11, Add	*10.41*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	88.28	18.15
		For SDR 26, Deduct	*-6.21*	
		For SDR 19, Add	*3.05*	
		For SDR 17, Add	*7.53*	
		For SDR 15.5, Add	*11.03*	
		For SDR 13.5, Add	*17.21*	
		For SDR 11, Add	*27.71*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	134.34	21.18
		For SDR 26, Deduct	*-12.98*	
		For SDR 19, Add	*6.37*	
		For SDR 17, Add	*15.74*	
		For SDR 15.5, Add	*23.05*	
		For SDR 13.5, Add	*35.97*	
		For SDR 11, Add	*57.90*	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	202.89	28.29
		For SDR 26, Deduct	*-21.67*	
		For SDR 19, Add	*10.64*	
		For SDR 17, Add	*26.27*	
		For SDR 15.5, Add	*38.47*	
		For SDR 13.5, Add	*60.05*	
		For SDR 11, Add	*96.65*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	300.07	42.34
		For SDR 26, Deduct	*-31.73*	
		For SDR 19, Add	*15.58*	
		For SDR 17, Add	*38.47*	
		For SDR 15.5, Add	*56.34*	
		For SDR 13.5, Add	*87.93*	
		For SDR 11, Add	*141.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	375.79	56.50
		For SDR 26, Deduct	*-37.83*	
		For SDR 19, Add	*18.58*	
		For SDR 17, Add	*45.86*	
		For SDR 15.5, Add	*67.16*	
		For SDR 13.5, Add	*104.83*	
		For SDR 11, Add	*168.72*	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	501.04	84.66
		For SDR 26, Deduct	*-45.30*	
		For SDR 19, Add	*22.24*	
		For SDR 17, Add	*54.92*	
		For SDR 15.5, Add	*80.43*	
		For SDR 13.5, Add	*125.53*	
		For SDR 11, Add	*202.05*	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	622.06	95.23
		For SDR 26, Deduct	*-61.65*	
		For SDR 19, Add	*30.27*	
		For SDR 17, Add	*74.73*	
		For SDR 15.5, Add	*109.45*	
		For SDR 13.5, Add	*170.83*	
		For SDR 11, Add	*274.96*	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	833.38	108.09
		For SDR 26, Deduct	*-92.71*	
		For SDR 19, Add	*45.52*	
		For SDR 17, Add	*112.38*	
		For SDR 15.5, Add	*164.58*	
		For SDR 13.5, Add	*256.89*	
		For SDR 11, Add	*413.48*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,056.16	127.04
		For SDR 26, Deduct	*-123.77*	
		For SDR 19, Add	*60.77*	
		For SDR 17, Add	*150.03*	
		For SDR 15.5, Add	*219.72*	
		For SDR 13.5, Add	*342.94*	
		For SDR 11, Add	*551.99*	
33 14 13 23-0451		Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	58.74	14.95
		For SDR 26, Deduct	*-2.56*	
		For SDR 19, Add	*1.26*	
		For SDR 17, Add	*3.11*	
		For SDR 15.5, Add	*4.55*	
		For SDR 13.5, Add	*7.10*	
		For SDR 11, Add	*11.43*	
33 14 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	67.23	16.93
		For SDR 26, Deduct	*-3.02*	
		For SDR 19, Add	*1.48*	
		For SDR 17, Add	*3.66*	
		For SDR 15.5, Add	*5.36*	
		For SDR 13.5, Add	*8.36*	
		For SDR 11, Add	*13.46*	
33 14 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	101.61	19.55
		For SDR 26, Deduct	*-7.89*	
		For SDR 19, Add	*3.87*	
		For SDR 17, Add	*9.56*	
		For SDR 15.5, Add	*14.00*	
		For SDR 13.5, Add	*21.85*	
		For SDR 11, Add	*35.18*	
33 14 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	178.40	23.10
		For SDR 26, Deduct	*-20.01*	
		For SDR 19, Add	*9.82*	
		For SDR 17, Add	*24.26*	
		For SDR 15.5, Add	*35.52*	
		For SDR 13.5, Add	*55.44*	
		For SDR 11, Add	*89.24*	
33 14 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	245.41	33.91
		For SDR 26, Deduct	*-26.36*	
		For SDR 19, Add	*12.94*	
		For SDR 17, Add	*31.95*	
		For SDR 15.5, Add	*46.80*	
		For SDR 13.5, Add	*73.04*	
		For SDR 11, Add	*117.56*	
33 14 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	348.78	50.86
		For SDR 26, Deduct	*-35.99*	
		For SDR 19, Add	*17.67*	
		For SDR 17, Add	*43.63*	
		For SDR 15.5, Add	*63.90*	
		For SDR 13.5, Add	*99.74*	
		For SDR 11, Add	*160.53*	
33 14 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	421.49	63.53
		For SDR 26, Deduct	*-42.35*	
		For SDR 19, Add	*20.79*	
		For SDR 17, Add	*51.33*	
		For SDR 15.5, Add	*75.17*	
		For SDR 13.5, Add	*117.34*	
		For SDR 11, Add	*188.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	560.18	95.23
		For SDR 26, Deduct	*-50.29*	
		For SDR 19, Add	*24.69*	
		For SDR 17, Add	*60.96*	
		For SDR 15.5, Add	*89.27*	
		For SDR 13.5, Add	*139.34*	
		For SDR 11, Add	*224.27*	
33 14 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	713.97	110.95
		For SDR 26, Deduct	*-69.87*	
		For SDR 19, Add	*34.31*	
		For SDR 17, Add	*84.70*	
		For SDR 15.5, Add	*124.04*	
		For SDR 13.5, Add	*193.60*	
		For SDR 11, Add	*311.61*	
33 14 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	985.20	131.05
		For SDR 26, Deduct	*-107.72*	
		For SDR 19, Add	*52.89*	
		For SDR 17, Add	*130.58*	
		For SDR 15.5, Add	*191.22*	
		For SDR 13.5, Add	*298.47*	
		For SDR 11, Add	*480.41*	
33 14 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,270.31	158.85
		For SDR 26, Deduct	*-145.56*	
		For SDR 19, Add	*71.47*	
		For SDR 17, Add	*176.46*	
		For SDR 15.5, Add	*258.41*	
		For SDR 13.5, Add	*403.34*	
		For SDR 11, Add	*649.20*	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	108.16	25.78
		For <100, Add	*11.27*	
		For >1,000, Deduct	*-5.41*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	130.16	25.78
		For <100, Add	*12.37*	
		For >1,000, Deduct	*-6.51*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	129.14	28.13
		For <100, Add	*12.85*	
		For >1,000, Deduct	*-6.46*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	156.95	28.13
		For <100, Add	*14.24*	
		For >1,000, Deduct	*-7.85*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	157.11	29.47
		For <100, Add	*14.55*	
		For >1,000, Deduct	*-7.86*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	178.74	29.47
		For <100, Add	*15.63*	
		For >1,000, Deduct	*-8.94*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	190.89	32.57
		For <100, Add	*16.95*	
		For >1,000, Deduct	*-9.54*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	208.17	32.57
		For <100, Add	*17.81*	
		For >1,000, Deduct	*-10.41*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	202.63	34.39
		For <100, Add	*17.95*	
		For >1,000, Deduct	*-10.13*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	215.98	34.39
		For <100, Add	*18.61*	
		For >1,000, Deduct	*-10.80*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	251.78	38.68
		For <100, Add	*21.38*	
		For >1,000, Deduct	*-12.59*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	273.66	38.68
		For <100, Add	*22.47*	
		For >1,000, Deduct	*-13.68*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	218.07	51.02
		For <100, Add	*18.92*	
		For >1,000, Deduct	*-10.90*	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	259.30	56.12
		For <100, Add	*21.83*	
		For >1,000, Deduct	*-12.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	288.41	58.68
		For <100, Add	*23.77*	
		For >1,000, Deduct	*-14.42*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	325.38	66.32
		For <100, Add	*26.79*	
		For >1,000, Deduct	*-16.27*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	340.21	66.32
		For <100, Add	*27.53*	
		For >1,000, Deduct	*-17.01*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	353.93	66.32
		For <100, Add	*28.22*	
		For >1,000, Deduct	*-17.70*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	369.75	66.32
		For <100, Add	*29.01*	
		For >1,000, Deduct	*-18.49*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	428.72	76.53
		For <100, Add	*33.46*	
		For >1,000, Deduct	*-21.44*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	477.66	76.53
		For <100, Add	*35.91*	
		For >1,000, Deduct	*-23.88*	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	597.80	76.53
		For <100, Add	*41.92*	
		For >1,000, Deduct	*-29.89*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	533.54	89.28
		For <100, Add	*40.71*	
		For >1,000, Deduct	*-26.68*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	553.56	89.28
		For <100, Add	*41.71*	
		For >1,000, Deduct	*-27.68*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	742.42	89.28
		For <100, Add	*51.15*	
		For >1,000, Deduct	*-37.12*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	637.36	89.28
		For <100, Add	*45.90*	
		For >1,000, Deduct	*-31.87*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	747.04	107.14
		For <100, Add	*54.19*	
		For >1,000, Deduct	*-37.35*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	893.50	107.14
		For <100, Add	*61.51*	
		For >1,000, Deduct	*-44.68*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	856.92	107.14
		For <100, Add	*59.68*	
		For >1,000, Deduct	*-42.85*	
33 14 13 36-0034	LF	42" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,317.43	119.89
		For <100, Add	*84.58*	
		For >1,000, Deduct	*-65.87*	
33 14 13 36-0035	LF	42" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	795.11	119.89
		For <100, Add	*58.46*	
		For >1,000, Deduct	*-39.76*	
33 14 13 36-0036	LF	48" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,511.01	135.20
		For <100, Add	*96.60*	
		For >1,000, Deduct	*-75.55*	
33 14 13 36-0037	LF	48" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	872.01	135.20
		For <100, Add	*64.65*	
		For >1,000, Deduct	*-43.60*	
33 14 13 36-0038	LF	54" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,581.71	153.06
		For <100, Add	*103.14*	
		For >1,000, Deduct	*-79.09*	
33 14 13 36-0039	LF	54" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,748.57	153.06
		For <100, Add	*111.48*	
		For >1,000, Deduct	*-87.43*	
33 14 13 36-0040	LF	60" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,954.51	178.57
		For <100, Add	*125.79*	
		For >1,000, Deduct	*-97.73*	
33 14 13 36-0041	LF	66" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,361.25	178.57
		For <100, Add	*96.12*	
		For >1,000, Deduct	*-68.06*	
33 14 13 36-0042	LF	72" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,500.10	146.90
		For <100, Add	*119.07*	
		For >1,000, Deduct	*-75.01*	
33 14 13 36-0043	LF	78" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	2,839.90	146.90
		For <100, Add	*186.06*	
		For >1,000, Deduct	*-142.00*	

33 14 13 36-0044 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0045	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	109.54	25.16
33 14 13 36-0046	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	160.62	48.38
33 14 13 36-0047	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	213.75	63.87
33 14 13 36-0048	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	341.22	96.76
33 14 13 36-0049	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	446.98	121.92
33 14 13 36-0050	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	621.23	150.88
33 14 13 36-0051	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	737.86	189.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0052	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	794.30	189.09
33 14 13 36-0053	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	839.41	216.25
33 14 13 36-0054	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	919.59	231.34
33 14 13 36-0055	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	1,003.01	261.51
33 14 13 36-0056	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	1,263.76	276.60
33 14 13 36-0057	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,513.73	301.75
33 14 13 36-0058	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,774.44	339.47
33 14 13 36-0059	EA	42" Dresser Coupling For Plain End Welded Steel Pipe	2,047.76	382.22
33 14 13 36-0060	EA	48" Dresser Coupling For Plain End Welded Steel Pipe	2,382.16	440.05
33 14 13 36-0061	EA	54" Dresser Coupling For Plain End Welded Steel Pipe	2,642.81	502.92
33 14 13 36-0062	EA	60" Dresser Coupling For Plain End Welded Steel Pipe	3,045.37	628.65
33 14 13 36-0063	EA	66" Dresser Coupling For Plain End Welded Steel Pipe	3,510.88	764.43
33 14 13 36-0064	EA	72" Dresser Coupling For Plain End Welded Steel Pipe	4,185.01	905.25

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	7.91	1.83
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	10.34	2.05
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	13.83	2.28
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	17.54	2.74
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	21.81	3.65
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	32.65	4.56
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	40.74	5.48
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	51.82	6.03
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	69.42	7.58
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	92.05	9.58
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	151.58	11.96
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	196.72	14.42
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	346.92	16.15

33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	8.53	1.83
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	12.53	2.05
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	16.02	2.28
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	18.89	2.74
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	23.81	3.65
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	35.34	4.56
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	48.20	5.48
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	62.99	6.03
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	82.56	7.58
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	111.98	9.58
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	192.83	11.96
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	270.89	14.42
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	483.81	16.15

33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps *(33 14 13)*

33 14 13 43-0001 Pipe Coatings *(33 14 13 43)*

33 14 13 43-0002 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0003	LF	8" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	3.52	
33 14 13 43-0004	LF	10" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.20	
33 14 13 43-0005	LF	12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.95	
33 14 13 43-0006	LF	14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	6.58	
33 14 13 43-0007	LF	16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.51	
33 14 13 43-0008	LF	18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.89	
33 14 13 43-0009	LF	20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	8.50	
33 14 13 43-0010	LF	24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	9.90	
33 14 13 43-0011	LF	30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	13.00	
33 14 13 43-0012	LF	36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	20.54	
33 14 13 43-0013	LF	42" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	44.27	
33 14 13 43-0014	LF	48" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	50.60	
33 14 13 43-0015	LF	54" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	56.92	
33 14 13 43-0016	LF	60" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	63.25	
33 14 13 43-0017	LF	66" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	69.57	
33 14 13 43-0018	LF	72" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	75.87	
33 14 13 43-0019	LF	78" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	82.22	

33 14 13 43-0020 Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*

Note: Applied at fabrication shop. Thickness ranging between 1" and 2".

33 14 13 43-0021	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	7.94	
33 14 13 43-0022	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	9.78	
33 14 13 43-0023	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	12.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0024	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	13.62	
33 14 13 43-0025	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	15.38	
33 14 13 43-0026	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	17.99	
33 14 13 43-0027	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	20.44	
33 14 13 43-0028	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	23.06	
33 14 13 43-0029	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	25.63	
33 14 13 43-0030	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	30.75	
33 14 13 43-0031	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	38.44	
33 14 13 43-0032	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	46.13	
33 14 13 43-0033	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	25.10	
33 14 13 43-0034	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	28.68	
33 14 13 43-0035	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	32.27	
33 14 13 43-0036	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	35.85	
33 14 13 43-0037	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	39.44	
33 14 13 43-0038	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	43.02	
33 14 13 43-0039	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	46.61	

33 14 13 43-0040 Pipe Lining *(33 14 13 43)*

33 14 13 43-0041 Cement Pipe Lining *(33 14 13 43-0040)*

Note: Shop applied.

33 14 13 43-0042	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	12.23	
		For 1/2" Thick, Add	*1.06*	
33 14 13 43-0043	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	15.18	
		For 1/2" Thick, Add	*1.30*	
33 14 13 43-0044	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	18.54	
		For 1/2" Thick, Add	*1.63*	
33 14 13 43-0045	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	24.04	
		For 1/2" Thick, Add	*2.04*	
33 14 13 43-0046	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	29.58	
		For 1/2" Thick, Add	*2.45*	
33 14 13 43-0047	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	37.73	
		For 1/2" Thick, Add	*2.87*	
33 14 13 43-0048	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	48.77	
		For 1/2" Thick, Add	*3.26*	
33 14 13 43-0049	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	58.22	
		For 1/2" Thick, Add	*3.12*	
33 14 13 43-0050	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	70.23	
		For 1/2" Thick, Add	*3.47*	
33 14 13 43-0051	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	85.14	
		For 1/2" Thick, Add	*4.17*	
33 14 13 43-0052	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	102.52	
		For 1/2" Thick, Add	*5.21*	
33 14 13 43-0053	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	123.37	
		For 1/2" Thick, Add	*6.25*	
33 14 13 43-0054	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	143.96	
		For 1/2" Thick, Add	*5.36*	
33 14 13 43-0055	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	164.47	
		For 1/2" Thick, Add	*6.13*	
33 14 13 43-0056	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	185.06	
		For 1/2" Thick, Add	*6.89*	
33 14 13 43-0057	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	205.65	
		For 1/2" Thick, Add	*7.66*	
33 14 13 43-0058	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	226.16	
		For 1/2" Thick, Add	*4.49*	
33 14 13 43-0059	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	246.75	
		For 1/2" Thick, Add	*4.90*	
33 14 13 43-0060	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	267.34	
		For 1/2" Thick, Add	*5.31*	

33 14 13 43-0061 Cement Fitting Lining *(33 14 13 43-0040)*

Note: Shop applied.

33 14 13 43-0062	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	12.23	
		For 1/2" Thick, Add	*1.06*	
33 14 13 43-0063	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	15.18	
		For 1/2" Thick, Add	*1.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0064	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	23.58	
		For 1/2" Thick, Add	*2.12*	
33 14 13 43-0065	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	38.82	
		For 1/2" Thick, Add	*3.26*	
33 14 13 43-0066	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	59.15	
		For 1/2" Thick, Add	*4.90*	
33 14 13 43-0067	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	87.55	
		For 1/2" Thick, Add	*6.59*	
33 14 13 43-0068	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	128.97	
		For 1/2" Thick, Add	*8.47*	
33 14 13 43-0069	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	174.67	
		For 1/2" Thick, Add	*9.37*	
33 14 13 43-0070	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	233.98	
		For 1/2" Thick, Add	*11.56*	
33 14 13 43-0071	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	340.55	
		For 1/2" Thick, Add	*16.66*	

33 14 13 43-0072 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0073	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	0.88	
33 14 13 43-0074	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.46	
33 14 13 43-0075	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	1.84	
33 14 13 43-0076	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	2.33	
33 14 13 43-0077	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	3.24	
33 14 13 43-0078	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	4.18	
33 14 13 43-0079	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	5.31	
33 14 13 43-0080	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	6.33	
33 14 13 43-0081	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing	7.56	
33 14 13 43-0082	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing	8.41	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	247.34	
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	351.37	
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	362.55	
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	297.65	
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	375.74	
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	310.76	
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	393.31	
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	350.78	
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	414.30	
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	365.59	
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	425.65	

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	204.27	
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	204.42	
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	217.46	
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	208.03	
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	222.62	
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	246.77	
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	262.52	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	239.67	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	264.05	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	277.39	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	252.84	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	278.01	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	291.28	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	266.48	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	290.90	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	303.99	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	451.31	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	462.47	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	288.98	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	318.64	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	330.74	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	535.76	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	324.52	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	360.25	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	599.51	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	353.64	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	391.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	405.35	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	670.42	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	414.58	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	444.07	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	478.73	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	827.37	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	425.76	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	486.35	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	506.62	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	889.94	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	444.92	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	507.76	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	528.58	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	926.18	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	493.61	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	572.14	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	564.33	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	625.30	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	589.52	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	666.61	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	285.22	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	312.25	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	324.50	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	351.78	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	362.39	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	380.88	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	350.15	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	372.66	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	447.32	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	484.25	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	679.58	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	769.02	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	791.50	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	884.73	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	300.29	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	331.27	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	342.30	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	372.11	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	384.39	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	404.06	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	434.02	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	464.81	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	467.48	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	507.01	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	729.54	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	839.67	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	850.78	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	927.75	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,731.41	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,731.41	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,796.49	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,796.49	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,928.48	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,928.48	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,357.69	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,638.46	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,960.96	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,076.84	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,181.78	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,344.49	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,413.51	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,349.35	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,511.40	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,908.17	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,007.88	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,755.16	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,938.44	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,020.11	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,054.47	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,313.60	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,299.90	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,322.26	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,527.22	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,574.53	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,626.74	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,750.46	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,998.43	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,182.59	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,647.08	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,774.33	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,163.40	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,506.00	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,150.78	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,327.13	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,395.17	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,739.47	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,217.75	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,471.93	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,496.91	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,654.91	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,699.64	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,262.40	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,471.04	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,515.73	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,970.28	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,184.80	
33 14 13 53-0140		**Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,119.82	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,184.97	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,298.12	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,332.15	
33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,387.78	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,600.48	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,452.01	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,506.12	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,692.90	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,360.96	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,629.71	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,709.81	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,893.60	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,491.90	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,722.73	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,154.29	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,220.29	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,616.48	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,108.06	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,427.17	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,563.26	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,631.45	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,893.18	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,596.96	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,762.08	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,709.40	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,834.22	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,008.24	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,836.68	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,001.60	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,278.24	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,346.27	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,738.77	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,403.59	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,684.76	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,533.45	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,684.44	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,888.88	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,833.15	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,005.17	
33 14 13 53-0181		**Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,300.87	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,413.64	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,497.38	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,523.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,620.14	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,912.20	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,748.14	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,855.54	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,117.15	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,875.35	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,993.25	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,140.23	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,486.36	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,937.79	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,282.54	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,274.07	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,454.75	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,844.68	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,296.55	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,534.79	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,780.84	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,028.43	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,216.70	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,702.68	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,031.85	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,060.59	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,431.43	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,628.00	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,054.86	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,620.12	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,298.98	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,668.85	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,828.25	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,623.98	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,066.17	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,916.46	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,967.71	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,159.18	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,109.31	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,615.67	

33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	322.20	56.46
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	403.63	71.19
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	530.05	98.19
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	688.72	115.38
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,089.29	130.11
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,216.60	147.30

33 14 13 53-0229 Steel Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	474.06	56.46
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	559.89	71.19
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	747.11	98.19
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	914.63	115.38
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,118.27	130.11
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,303.75	147.30
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,550.91	162.02
33 14 13 53-0237	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,839.10	176.75
33 14 13 53-0238	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,174.07	194.43
33 14 13 53-0239	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,571.54	213.86

33 14 13 53-0240 Steel Body, Flanged-Lock Restrained Coupling Adapters *(33 14 13 53)*

33 14 13 53-0241	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	413.79	71.19
33 14 13 53-0242	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	555.12	98.19
33 14 13 53-0243	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	613.70	115.38
33 14 13 53-0244	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	901.73	130.11
33 14 13 53-0245	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,151.21	147.30
33 14 13 53-0246	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,291.68	162.02
33 14 13 53-0247	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,520.38	176.75
33 14 13 53-0248	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,706.79	194.43
33 14 13 53-0249	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,054.14	213.86
33 14 13 53-0250	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,477.79	235.28
33 14 13 53-0251	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	5,194.80	258.74
33 14 13 53-0252	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	7,020.33	284.67

33 14 13 53-0253 Ductile Iron Body, Omni Coupling System *(33 14 13 53)*

33 14 13 53-0254	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	143.65	39.27
33 14 13 53-0255	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	177.45	46.64
33 14 13 53-0256	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	219.87	56.46
33 14 13 53-0257	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	276.07	71.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0258	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	367.86	98.19
33 14 13 53-0259	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	447.50	115.38
33 14 13 53-0260	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	561.15	130.11
33 14 13 53-0261	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	656.94	147.30
33 14 13 53-0262	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	930.23	162.02
33 14 13 53-0263	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,164.17	176.75

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

33 14 19 00-0001 Accessories For Valves *(33 14 19)*

33 14 19 00-0002	EA	1' Valve Extension Stem	107.05	
		For Each Additional LF, Add	*7.85*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,519.82	96.76
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,724.38	106.44
33 14 19 00-0005	EA	Adjust Water Valve Box To Grade	96.76	

33 14 19 00-0006 Water Utility Distribution Valves *(33 14 19)*

33 14 19 00-0007 Angle Valves *(33 14 19 00-0006)*

Note: For connecting meters to water service.

33 14 19 00-0008 Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0007)*

Note: Nibco T-335Y

33 14 19 00-0009	EA	1/2" Threaded, Class 150, Bronze Angle Valve	95.24	16.81
33 14 19 00-0010	EA	3/4" Threaded, Class 150, Bronze Angle Valve	128.45	22.59
33 14 19 00-0011	EA	1" Threaded, Class 150, Bronze Angle Valve	173.12	27.84
33 14 19 00-0012	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	222.93	34.98
33 14 19 00-0013	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	278.49	40.45
33 14 19 00-0014	EA	2" Threaded, Class 150, Bronze Angle Valve	415.88	47.28
33 14 19 00-0015	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	666.52	64.54
33 14 19 00-0016	EA	3" Threaded, Class 150, Bronze Angle Valve	1,012.57	74.51

33 14 19 00-0017 Butterfly Valves *(33 14 19 00-0006)*

33 14 19 00-0018 Lug Type Flanged, Cast Iron Disc, Butterfly Valves *(33 14 19 00-0017)*

Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin

33 14 19 00-0019	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	1,793.56	178.62
33 14 19 00-0020	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	1,993.56	178.62
33 14 19 00-0021	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	1,934.59	276.46
33 14 19 00-0022	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,134.59	276.46
33 14 19 00-0023	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	2,230.15	334.12
33 14 19 00-0024	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,430.15	334.12
33 14 19 00-0025	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	2,524.34	426.93
33 14 19 00-0026	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,723.34	426.93
33 14 19 00-0027	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	3,164.67	519.74
33 14 19 00-0028	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	4,513.52	519.74
33 14 19 00-0029	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	3,625.47	629.97
33 14 19 00-0030	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	3,825.47	629.97
33 14 19 00-0031	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12)	4,889.47	907.57
33 14 19 00-0032	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12)	5,412.47	907.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0033	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16)	5,688.92	998.34
33 14 19 00-0034	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20)	6,330.92	998.34
33 14 19 00-0035	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24)	7,118.05	1,107.24
33 14 19 00-0036	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24)	7,798.05	1,107.24
33 14 19 00-0037	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24)	8,154.90	1,247.92
33 14 19 00-0038	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24)	8,833.90	1,247.92
33 14 19 00-0039		**Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0040	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20)	13,301.42	1,531.54
33 14 19 00-0041	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10)	20,545.42	1,531.54
33 14 19 00-0042	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20)	13,260.42	1,531.54
33 14 19 00-0043	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24)	27,486.86	2,415.89
33 14 19 00-0044	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24)	32,462.49	3,221.20
33 14 19 00-0045	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32)	40,940.73	4,831.78
33 14 19 00-0046	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24)	55,739.66	6,039.73
33 14 19 00-0047	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24)	88,642.60	7,247.68
33 14 19 00-0048	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36)	111,127.51	8,697.21
33 14 19 00-0049	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36)	159,473.81	10,436.65
33 14 19 00-0050	LF	3/16" Link, 316 Stainless Steel Chain For Use With Dezurik Chainwheel	26.02	
33 14 19 00-0051	EA	316 Stainless Steel Closing Link For Use With Dezurik Chainwheel Note: One required per valve.	11.38	
33 14 19 00-0052		**Check Valves** *(33 14 19 00-0006)*		
33 14 19 00-0053		**Flanged, Swing Type Gravity Operated Check Valves** *(33 14 19 00-0052)* Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0054	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	844.42	140.31
33 14 19 00-0055	EA	3" Flanged, Swing Type Gravity Operated Check Valve	874.36	164.50
33 14 19 00-0056	EA	4" Flanged, Swing Type Gravity Operated Check Valve	1,237.99	208.04
33 14 19 00-0057	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	1,682.38	313.03
33 14 19 00-0058	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,754.37	349.60
33 14 19 00-0059	EA	6" Flanged, Swing Type Gravity Operated Check Valve	1,677.23	348.35
33 14 19 00-0060	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,174.61	395.97
33 14 19 00-0061	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	2,277.74	445.11
33 14 19 00-0062	EA	8" Flanged, Swing Type Gravity Operated Check Valve	2,368.27	445.11
33 14 19 00-0063	EA	10" Flanged, Swing Type Gravity Operated Check Valve	3,934.57	541.88
33 14 19 00-0064	EA	12" Flanged, Swing Type Gravity Operated Check Valve	5,911.53	406.41
33 14 19 00-0065	EA	14" Flanged, Swing Type Gravity Operated Check Valve	8,346.07	907.57
33 14 19 00-0066	EA	16" Flanged, Swing Type Gravity Operated Check Valve	11,021.97	998.34
33 14 19 00-0067	EA	18" Flanged, Swing Type Gravity Operated Check Valve	15,860.50	1,107.24
33 14 19 00-0068	EA	20" Flanged, Swing Type Gravity Operated Check Valve	18,450.17	1,247.92
33 14 19 00-0069		**Combination Air Release Valves** *(33 14 19 00-0006)*		
33 14 19 00-0070	EA	1" Combination Air Release Valve	456.90	20.32
33 14 19 00-0071	EA	2" Combination Air Release Valve	738.31	34.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0072		**Corporation Stop And Curb Valve** *(33 14 19 00-0006)* Note: AWWA C800		
33 14 19 00-0073		**Ball Corporation Valves** *(33 14 19 00-0072)* Note: Mueller B-25000.		
33 14 19 00-0074	EA	3/4" Ball Corporation Valve (Mueller B-25000)	77.17	20.32
33 14 19 00-0075	EA	1" Ball Corporation Valve (Mueller B-25000)	96.93	25.16
33 14 19 00-0076	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	173.30	36.77
33 14 19 00-0077	EA	2" Ball Corporation Valve (Mueller B-25000)	260.61	43.54
33 14 19 00-0078		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0079		**Gate Valve, Flanged** *(33 14 19 00-0078)* Note: Mueller A-2380-6.		
33 14 19 00-0080	EA	2" Gate Valve, Flanged	538.42	128.99
33 14 19 00-0081	EA	2-1/2" Gate Valve, Flanged	626.28	140.31
33 14 19 00-0082	EA	3" Gate Valve, Flanged	740.31	164.50
33 14 19 00-0083	EA	4" Gate Valve, Flanged	1,009.42	206.10
33 14 19 00-0084	EA	6" Gate Valve, Flanged	1,235.34	348.35
33 14 19 00-0085	EA	8" Gate Valve, Flanged	1,800.50	445.11
33 14 19 00-0086	EA	10" Gate Valve, Flanged	2,659.85	541.88
33 14 19 00-0087	EA	12" Gate Valve, Flanged	3,206.42	406.41
33 14 19 00-0088	EA	14" Gate Valve, Flanged	6,851.00	907.57
33 14 19 00-0089	EA	16" Gate Valve, Flanged	8,886.89	998.34
33 14 19 00-0090	EA	18" Gate Valve, Flanged	13,887.72	1,107.24
33 14 19 00-0091	EA	20" Gate Valve, Flanged	16,577.05	1,247.92
33 14 19 00-0092		**Resilient Wedge Gate Valve, Flanged** *(33 14 19 00-0078)* Note: Mueller A-2360-6.		
33 14 19 00-0093	EA	2" Resilient Wedge Gate Valve, Flanged	517.09	128.99
33 14 19 00-0094	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	600.79	140.31
33 14 19 00-0095	EA	3" Resilient Wedge Gate Valve, Flanged	710.06	164.50
33 14 19 00-0096	EA	4" Resilient Wedge Gate Valve, Flanged	975.61	206.10
33 14 19 00-0097	EA	6" Resilient Wedge Gate Valve, Flanged	1,190.14	348.35
33 14 19 00-0098	EA	8" Resilient Wedge Gate Valve, Flanged	1,729.89	445.11
33 14 19 00-0099	EA	10" Resilient Wedge Gate Valve, Flanged	2,547.64	541.88
33 14 19 00-0100	EA	12" Resilient Wedge Gate Valve, Flanged	3,070.94	406.41
33 14 19 00-0101		**Gate Valve, Mechanical Joint** *(33 14 19 00-0078)* Note: Mueller A-2380-20.		
33 14 19 00-0102	EA	2" Gate Valve, Mechanical Joint	636.39	103.05
33 14 19 00-0103	EA	2-1/2" Gate Valve, Mechanical Joint	700.02	129.18
33 14 19 00-0104	EA	3" Gate Valve, Mechanical Joint	875.93	156.27
33 14 19 00-0105	EA	4" Gate Valve, Mechanical Joint	1,056.63	206.10
33 14 19 00-0106	EA	6" Gate Valve, Mechanical Joint	1,317.99	241.91
33 14 19 00-0107	EA	8" Gate Valve, Mechanical Joint	1,878.31	290.29
33 14 19 00-0108	EA	10" Gate Valve, Mechanical Joint	2,694.09	338.67
33 14 19 00-0109	EA	12" Gate Valve, Mechanical Joint	3,361.91	406.41
33 14 19 00-0110	EA	14" Gate Valve, Mechanical Joint	7,252.39	555.89
33 14 19 00-0111	EA	16" Gate Valve, Mechanical Joint	9,321.34	623.96
33 14 19 00-0112	EA	18" Gate Valve, Mechanical Joint	14,665.86	692.03
33 14 19 00-0113	EA	20" Gate Valve, Mechanical Joint	17,416.68	779.95
33 14 19 00-0114		**Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0078)* Note: Mueller A-2360-20.		
33 14 19 00-0115	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	612.03	103.05
33 14 19 00-0116	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	844.04	156.27
33 14 19 00-0117	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,020.15	206.10
33 14 19 00-0118	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	1,270.78	241.91
33 14 19 00-0119	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	1,804.87	290.29
33 14 19 00-0120	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	2,579.94	338.67
33 14 19 00-0121	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	3,217.60	406.41
33 14 19 00-0122		**Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0078)* Note: Mueller A-2361.		
33 14 19 00-0123	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	7,587.43	907.57
33 14 19 00-0124	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,248.96	998.34
33 14 19 00-0125	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	12,841.65	1,107.24
33 14 19 00-0126	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	15,323.90	1,247.92
33 14 19 00-0127	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	21,754.42	1,531.54
33 14 19 00-0128		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0078)* Note: NIBCO T-113.		
33 14 19 00-0129	EA	1/4" Gate Valve, Bronze, Threaded	55.34	16.92
33 14 19 00-0130	EA	3/8" Gate Valve, Bronze, Threaded	56.94	16.92
33 14 19 00-0131	EA	1/2" Gate Valve, Bronze, Threaded	56.30	16.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0132	EA	3/4" Gate Valve, Bronze, Threaded	72.36	22.85
33 14 19 00-0133	EA	1" Gate Valve, Bronze, Threaded	89.29	27.63
33 14 19 00-0134	EA	1-1/4" Gate Valve, Bronze, Threaded	121.66	34.98
33 14 19 00-0135	EA	1-1/2" Gate Valve, Bronze, Threaded	141.19	40.45
33 14 19 00-0136	EA	2" Gate Valve, Bronze, Threaded	171.47	47.28
33 14 19 00-0137	EA	2-1/2" Gate Valve, Bronze, Threaded	333.50	64.54
33 14 19 00-0138	EA	3" Gate Valve, Bronze, Threaded	400.09	74.03
33 14 19 00-0139		Globe Valve, AWWA *(33 14 19 00-0006)*		
33 14 19 00-0140		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 14 19 00-0139)*		
		Note: NIBCO T-235.		
33 14 19 00-0141	EA	1/8" Globe Valve, Threaded	78.82	16.92
33 14 19 00-0142	EA	1/4" Globe Valve, Threaded	75.58	16.92
33 14 19 00-0143	EA	3/8" Globe Valve, Threaded	77.18	16.92
33 14 19 00-0144	EA	1/2" Globe Valve, Threaded	78.82	16.92
33 14 19 00-0145	EA	3/4" Globe Valve, Threaded	107.04	22.85
33 14 19 00-0146	EA	1" Globe Valve, Threaded	150.70	27.63
33 14 19 00-0147	EA	1-1/4" Globe Valve, Threaded	220.91	34.98
33 14 19 00-0148	EA	1-1/2" Globe Valve, Threaded	263.86	40.45
33 14 19 00-0149	EA	2" Globe Valve, Threaded	369.15	47.28
33 14 19 00-0150	EA	2-1/2" Globe Valve, Threaded	680.12	64.54
33 14 19 00-0151	EA	3" Globe Valve, Threaded	932.67	74.41
33 14 19 00-0152		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0006)*		
33 14 19 00-0153		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0152)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0154	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	741.76	128.99
33 14 19 00-0155	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	955.17	164.50
33 14 19 00-0156	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,216.96	206.10
33 14 19 00-0157	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,552.48	348.35
33 14 19 00-0158	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,207.24	445.11
33 14 19 00-0159	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,154.13	541.88
33 14 19 00-0160	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	4,598.23	406.41
33 14 19 00-0161	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	8,282.61	907.57
33 14 19 00-0162	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,402.85	998.34
33 14 19 00-0163	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	16,575.76	1,107.24
33 14 19 00-0164		Fire Hydrants *(33 14 19)*		
		Note: Breakaway type.		
33 14 19 00-0165		Three Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0166	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,540.78	259.87
33 14 19 00-0167	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,607.29	259.87
33 14 19 00-0168	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,673.97	259.87
33 14 19 00-0169	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,758.89	278.43
33 14 19 00-0170	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,825.47	278.43
33 14 19 00-0171	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,915.31	301.63
33 14 19 00-0172	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,981.78	301.63
33 14 19 00-0173	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,071.64	324.83
33 14 19 00-0174	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,138.21	324.83
33 14 19 00-0175	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,227.89	348.04
33 14 19 00-0176	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,317.64	371.24
33 14 19 00-0177	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,430.49	417.64
33 14 19 00-0178	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,601.48	259.87
33 14 19 00-0179	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,687.79	259.87
33 14 19 00-0180	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,773.89	259.87
33 14 19 00-0181	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,878.55	278.43
33 14 19 00-0182	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,964.65	278.43
33 14 19 00-0183	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,074.27	301.63
33 14 19 00-0184	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,160.26	301.63
33 14 19 00-0185	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,269.65	324.83
33 14 19 00-0186	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,355.73	324.83
33 14 19 00-0187	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,464.89	348.04
33 14 19 00-0188	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,574.40	371.24
33 14 19 00-0189	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,706.75	417.64
33 14 19 00-0190		Two Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0191	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,175.70	259.87
33 14 19 00-0192	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,241.98	259.87
33 14 19 00-0193	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,308.64	259.87
33 14 19 00-0194	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,393.84	278.43
33 14 19 00-0195	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,460.20	278.43
33 14 19 00-0196	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,549.89	301.63
33 14 19 00-0197	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,616.46	301.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0198	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,706.38	324.83
33 14 19 00-0199	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,772.81	324.83
33 14 19 00-0200	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,862.85	348.04
33 14 19 00-0201	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,952.18	371.24
33 14 19 00-0202	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,065.17	417.64
33 14 19 00-0203	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,269.46	259.87
33 14 19 00-0204	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,355.58	259.87
33 14 19 00-0205	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,441.57	259.87
33 14 19 00-0206	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,546.45	278.43
33 14 19 00-0207	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,632.33	278.43
33 14 19 00-0208	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,741.80	301.63
33 14 19 00-0209	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,827.78	301.63
33 14 19 00-0210	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,937.40	324.83
33 14 19 00-0211	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,023.28	324.83
33 14 19 00-0212	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,132.74	348.04
33 14 19 00-0213	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,241.83	371.24
33 14 19 00-0214	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,374.65	417.64
33 14 19 00-0215		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0216	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,696.00	259.87
33 14 19 00-0217	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,781.99	259.87
33 14 19 00-0218	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,868.24	259.87
33 14 19 00-0219	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	3,972.95	278.43
33 14 19 00-0220	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,059.00	278.43
33 14 19 00-0221	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,168.30	301.63
33 14 19 00-0222	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,254.47	301.63
33 14 19 00-0223	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,363.79	324.83
33 14 19 00-0224	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,449.87	324.83
33 14 19 00-0225	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,559.18	324.83
33 14 19 00-0226	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,668.74	371.24
33 14 19 00-0227	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	4,800.19	371.24
33 14 19 00-0228		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0229	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,617.74	259.87
33 14 19 00-0230	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,683.18	259.87
33 14 19 00-0231	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,749.35	259.87
33 14 19 00-0232	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	2,832.58	278.43
33 14 19 00-0233	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,898.00	278.43
33 14 19 00-0234	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	2,986.62	301.63
33 14 19 00-0235	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,052.02	301.63
33 14 19 00-0236	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,140.72	324.83
33 14 19 00-0237	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,205.95	324.83
33 14 19 00-0238	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,294.60	348.04
33 14 19 00-0239	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,383.31	371.24
33 14 19 00-0240	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,494.32	417.64
33 14 19 00-0241		**Fire Hydrant Extension Kits** *(33 14 19 00-0164)*		
33 14 19 00-0242	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	540.01	23.20
33 14 19 00-0243	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	640.76	29.00
33 14 19 00-0244	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	696.98	34.81
33 14 19 00-0245	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	790.19	42.93
33 14 19 00-0246	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,205.38	44.66
33 14 19 00-0247	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,288.20	46.40
33 14 19 00-0248	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,306.82	48.72
33 14 19 00-0249	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,379.83	52.20
33 14 19 00-0250	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,518.16	62.65
33 14 19 00-0251	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,596.49	75.41
33 14 19 00-0252	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	600.90	25.99
33 14 19 00-0253	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	710.48	31.56
33 14 19 00-0254	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	814.35	38.05
33 14 19 00-0255	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	907.64	47.33
33 14 19 00-0256	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,252.20	49.19
33 14 19 00-0257	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,336.01	51.04
33 14 19 00-0258	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,392.95	53.83
33 14 19 00-0259	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,632.38	57.54
33 14 19 00-0260	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,785.48	68.68
33 14 19 00-0261	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,869.68	82.60
33 14 19 00-0262		**Removal And Reinstallation Of Standard Fire Hydrant** *(33 14 19 00-0164)* Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0263	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	742.48	
33 14 19 00-0264	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,082.78	
33 14 19 00-0265	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	964.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0266		**Yard Hydrants** *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0267	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	346.47	31.52
33 14 19 00-0268	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	372.98	31.52
33 14 19 00-0269	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	399.49	31.52
33 14 19 00-0270	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	288.96	39.93
33 14 19 00-0271	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	302.40	39.93
33 14 19 00-0272	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	315.84	39.93
33 14 19 00-0273		**Sanitary Yard Hydrants** *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0274	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,596.35	65.67
33 14 19 00-0275	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,679.18	65.67
33 14 19 00-0276	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,762.02	65.67
33 14 19 00-0277		**Flushing Hydrants** *(33 14 19)*		
33 14 19 00-0278	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	795.62	40.51
33 14 23		**Enclosures for Water Utility Piping and Valves** *(33 14)* See CSI section 22 11 19 00-0464 for Enclosures.		
33 14 23 00-0001		**Roadway Utility Box** *(33 14 23)*		
33 14 23 00-0002		**Utility Box** *(33 14 23 00-0001)* Note: Christy Concrete Products.		
33 14 23 00-0003		**B3 Utility Box, 9-3/8" x 15-1/2"** *(33 14 23 00-0002)*		
33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	108.49	47.96
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	110.98	5.33
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	45.95	5.33
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	243.20	5.33
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	64.90	10.66
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	93.63	10.66
33 14 23 00-0010		**B9 Utility Box, 10-1/4" x 17-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	131.39	63.96
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	130.00	6.39
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	50.96	6.39
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	255.16	5.33
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	72.80	10.66
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	97.35	15.99
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	114.54	29.31
33 14 23 00-0018		**B12 Utility Box, 12" x 20"** *(33 14 23 00-0002)*		
33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box	144.47	69.28
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	234.35	8.00
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	68.19	10.66
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	342.92	10.66
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	149.42	37.31
33 14 23 00-0024		**B16 Utility Box, 12" x 22-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	166.25	81.01
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	264.68	10.66
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	84.48	10.66
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	344.86	10.66
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	118.36	18.13
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	152.12	37.31
33 14 23 00-0031		**B30 Utility Box, 13-1/4" x 24"** *(33 14 23 00-0002)*		
33 14 23 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	200.34	95.93
33 14 23 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	113.56	17.06
33 14 23 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	426.28	13.86
33 14 23 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	118.36	18.13
33 14 23 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	181.16	29.85
33 14 23 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	141.73	20.25
33 14 23 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	197.15	47.96
33 14 23 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 14 23 00-0002)*		
33 14 23 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	261.98	121.51
33 14 23 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	184.91	29.31
33 14 23 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	534.12	20.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	165.63	38.37
33 14 23 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	282.14	42.63
33 14 23 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	263.42	61.82
33 14 23 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 14 23 00-0002)*		
33 14 23 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	544.69	187.60
33 14 23 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	506.83	70.35
33 14 23 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	758.47	30.91
33 14 23 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	413.69	66.09
33 14 23 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	438.99	69.28
33 14 23 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	687.06	213.18
33 14 23 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	697.03	116.18
33 14 23 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	881.39	116.18
33 14 23 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,200.41	53.30
33 14 23 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	597.22	143.89
33 14 23 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	541.62	97.00
33 14 23 00-0059		**Roadway Or Curb Valve Boxes** *(33 14 23)*		
33 14 23 00-0060		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0059)*		
33 14 23 00-0061	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	266.05	12.77
33 14 23 00-0062	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	311.41	12.77
33 14 23 00-0063	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	313.50	12.77
33 14 23 00-0064	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	77.11	6.38
33 14 23 00-0065	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	89.12	6.38
33 14 23 00-0066	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	107.19	6.38
33 14 23 00-0067	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	404.90	15.97
33 14 23 00-0068	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	707.27	22.35
33 14 23 00-0069	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	791.88	22.35
33 14 23 00-0070	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	421.68	15.97
33 14 23 00-0071	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	441.90	15.97
33 14 23 00-0072	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	426.45	15.97
33 14 23 00-0073	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	153.89	6.38
33 14 23 00-0074	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	251.53	26.27
33 14 23 00-0075	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	260.71	27.32
33 14 23 00-0076	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	290.45	28.37
33 14 23 00-0077	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	406.78	29.95
33 14 23 00-0078	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	492.87	31.52
33 14 23 00-0079	EA	18" Cast Iron Service Box Extension Section	117.04	
33 14 23 00-0080		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0059)*		
33 14 23 00-0081	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	263.08	36.78
33 14 23 00-0082	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	197.71	26.27
33 14 23 00-0083	EA	Cast Iron Lid For Plastic Meter Box	58.66	
33 14 23 00-0084		**Traffic Valve Box And Lid** *(33 14 23 00-0059)*		
33 14 23 00-0085	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	199.80	
33 14 23 00-0086	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	659.17	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 13 Positive Displacement Water Meters *(33 19)*

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001		**Bronze Disk Type Water Service Meters** *(33 19 13 23)*		
33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	301.77	54.63
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	379.76	65.14
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	511.54	74.60
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	999.28	111.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,354.64	144.99

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	535.48	54.63
		For Owner Furnished Material, Deduct	*-480.18*	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	610.37	65.14
		For Owner Furnished Material, Deduct	*-544.70*	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	910.84	74.60
		For Owner Furnished Material, Deduct	*-835.79*	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,542.81	111.37
		For Owner Furnished Material, Deduct	*-1,431.04*	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,909.38	144.99
		For Owner Furnished Material, Deduct	*-1,763.45*	
33 19 13 23-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	435.47	26.27
		For Owner Furnished Material, Deduct	*-409.20*	

33 19 16 Velocity-Type Water Meters *(33 19)*

33 19 16 23 Turbine Water Meters *(33 19 16)*

33 19 16 23-0001 Flanged Turbine Water Service Meter *(33 19 16 23)*

33 19 16 23-0002 Vertical Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	613.69	101.60
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	854.56	128.99
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	1,638.32	164.50
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	2,456.12	257.40
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	4,500.41	348.35

33 19 16 23-0008 Horizontal Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	937.94	101.60
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	1,317.46	128.99
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	1,823.91	164.50
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	2,701.44	257.40
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	5,394.22	348.35
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	7,187.66	445.11
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	9,960.03	541.88
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	12,219.22	854.42

33 19 19 Compound Water Meters *(33 19)*

33 19 19 00-0001 Flanged Compound Type Water Service Meter *(33 19 19)*

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	2,428.86	128.99
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	3,041.97	164.50
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	5,013.83	257.40
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	7,002.65	348.35
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	14,118.43	445.11
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	23,966.62	541.88

33 19 23 Magnetic Water Meters *(33 19)*

33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,095.24	128.99
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	11,400.82	164.50
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	13,076.69	257.40

33 19 26 Ultrasonic Water Meters *(33 19)*

33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*

33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,061.77	164.50
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,670.53	257.40
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	6,877.65	348.35
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	9,916.35	445.11

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0002	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	110.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0003	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	111.18	
33 31 11 00-0004	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	122.36	
33 31 11 00-0005	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	118.43	
33 31 11 00-0006	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	133.69	
33 31 11 00-0007	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	150.43	
33 31 11 00-0008	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	178.23	
33 31 11 00-0009	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	150.91	
33 31 11 00-0010	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	164.97	
33 31 11 00-0011	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	190.27	
33 31 11 00-0012	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	121.79	
33 31 11 00-0013	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	132.97	
33 31 11 00-0014	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	158.30	
33 31 11 00-0015	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	187.89	
33 31 11 00-0016	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	202.31	
33 31 11 00-0017		**Plastic Sewer And Drain Piping** *(33 31 11)*		
33 31 11 00-0018		**Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe** *(33 31 11 00-0017)*		
33 31 11 00-0019	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	9.41	3.90
33 31 11 00-0020	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	11.38	4.60
33 31 11 00-0021	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	15.63	5.58
33 31 11 00-0022	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	19.44	6.51
33 31 11 00-0023	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	26.37	7.57
33 31 11 00-0024	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	35.10	8.80
33 31 11 00-0025	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	47.41	9.11
33 31 11 00-0026	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	61.80	9.43
33 31 11 00-0027		**Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe** *(33 31 11 00-0017)*		
		Note: D-2729 PVC pipe.		
33 31 11 00-0028	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.21	5.58
33 31 11 00-0029	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.32	6.51
33 31 11 00-0030	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	17.72	7.57
33 31 11 00-0031		**Polyvinyl Chloride (PVC) Sewer And Drain Fittings** *(33 31 11 00-0017)*		
33 31 11 00-0032		**1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0033	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	24.64	12.67
33 31 11 00-0034	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.67	16.38
33 31 11 00-0035	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	55.26	22.00
33 31 11 00-0036	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	85.23	25.43
33 31 11 00-0037	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	336.41	33.05
33 31 11 00-0038	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	557.94	44.48
33 31 11 00-0039	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	736.58	59.23
33 31 11 00-0040		**1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0041	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	25.94	12.67
33 31 11 00-0042	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.56	16.38
33 31 11 00-0043	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	53.31	22.00
33 31 11 00-0044	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	75.70	25.43
33 31 11 00-0045	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	312.14	33.05
33 31 11 00-0046	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	501.53	44.48
33 31 11 00-0047	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	570.64	59.23
33 31 11 00-0048	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	847.73	78.89
33 31 11 00-0049		**Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0050	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	40.21	12.48
33 31 11 00-0051	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	40.77	16.38
33 31 11 00-0052	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	79.41	22.48
33 31 11 00-0053	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	131.13	27.43
33 31 11 00-0054	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	251.43	31.72
33 31 11 00-0055	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	436.65	36.19
33 31 11 00-0056	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	709.08	42.18
33 31 11 00-0057	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,068.51	49.18
33 31 11 00-0058		**1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0059	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	28.71	12.67
33 31 11 00-0060	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	34.39	16.38
33 31 11 00-0061	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	61.42	22.00
33 31 11 00-0062	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	90.74	25.43
33 31 11 00-0063	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	417.15	33.05
33 31 11 00-0064	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	675.47	44.48
33 31 11 00-0065	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	763.34	59.23
33 31 11 00-0066	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	783.50	78.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0067		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0068	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	32.99	14.45
33 31 11 00-0069	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	61.87	17.25
33 31 11 00-0070	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	58.69	19.03
33 31 11 00-0071	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	90.83	20.80
33 31 11 00-0072	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	97.73	23.60
33 31 11 00-0073	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	296.64	29.21
33 31 11 00-0074	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	628.82	38.73
33 31 11 00-0075	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	160.20	42.29
33 31 11 00-0076	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	220.12	46.12
33 31 11 00-0077	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	207.21	51.80
33 31 11 00-0078	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	654.86	55.99
33 31 11 00-0079	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	691.87	61.67
33 31 11 00-0080	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	732.96	69.06
33 31 11 00-0081		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0082	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	38.76	19.14
33 31 11 00-0083	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	51.48	24.76
33 31 11 00-0084	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	87.39	32.67
33 31 11 00-0085	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	133.95	40.57
33 31 11 00-0086	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	492.07	44.48
33 31 11 00-0087	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	638.82	59.23
33 31 11 00-0088		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0089	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	48.83	19.14
33 31 11 00-0090	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	57.34	24.76
33 31 11 00-0091	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	94.87	32.67
33 31 11 00-0092	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	146.19	40.57
33 31 11 00-0093	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	446.13	44.48
33 31 11 00-0094	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	551.55	59.23
33 31 11 00-0095	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	725.62	79.04
33 31 11 00-0096	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,144.28	105.49
33 31 11 00-0097		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0098	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	64.65	19.14
33 31 11 00-0099	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	72.73	24.76
33 31 11 00-0100	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	84.47	32.67
33 31 11 00-0101	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	129.39	40.57
33 31 11 00-0102	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	140.88	40.57
33 31 11 00-0103		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0104	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	79.99	24.76
33 31 11 00-0105	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	104.19	32.67
33 31 11 00-0106	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	208.58	44.09
33 31 11 00-0107	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	368.87	53.33
33 31 11 00-0108	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	99.42	32.67
33 31 11 00-0109	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	172.17	44.09
33 31 11 00-0110	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	308.73	53.33
33 31 11 00-0111		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0112	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	61.40	19.14
33 31 11 00-0113	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	76.95	24.76
33 31 11 00-0114	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	153.81	32.67
33 31 11 00-0115	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	278.37	40.57
33 31 11 00-0116	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	119.64	24.76
33 31 11 00-0117	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	192.48	32.67
33 31 11 00-0118	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	138.69	32.67
33 31 11 00-0119	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	260.25	40.57
33 31 11 00-0120	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	276.83	40.57
33 31 11 00-0121		**Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0122	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	89.74	24.76
33 31 11 00-0123	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	105.27	32.67
33 31 11 00-0124	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	163.83	44.09
33 31 11 00-0125	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	594.88	53.33
33 31 11 00-0126	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,957.82	59.04
33 31 11 00-0127		**Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0128	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	472.62	102.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0129	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,124.59	132.38
33 31 11 00-0130	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,432.86	186.54
33 31 11 00-0131	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,979.41	300.07
33 31 11 00-0132		**Couplings, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0133	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	23.96	12.67
33 31 11 00-0134	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	29.91	16.29
33 31 11 00-0135	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	46.88	21.81
33 31 11 00-0136	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	61.31	25.43
33 31 11 00-0137	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	177.70	33.05
33 31 11 00-0138	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	436.68	44.48
33 31 11 00-0139	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	662.26	59.23
33 31 11 00-0140	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,095.19	78.89
33 31 11 00-0141		**Adapters, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0142	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	118.20	67.93
33 31 11 00-0143	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	82.98	51.68
33 31 11 00-0144	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	85.36	51.68
33 31 11 00-0145	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	91.69	51.68
33 31 11 00-0146	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	119.94	67.93
33 31 11 00-0147	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	114.88	67.93
33 31 11 00-0148	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	106.55	67.93
33 31 11 00-0149	EA	4" Drain Grate, Drain And Sewer Fitting	58.55	34.93
33 31 11 00-0150		**Caps, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0151	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	34.95	13.62
33 31 11 00-0152	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	58.30	16.95
33 31 11 00-0153	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	111.50	21.91
33 31 11 00-0154		**Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0155	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	21.89	12.67
33 31 11 00-0156	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	28.51	16.38
33 31 11 00-0157	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	42.45	22.00
33 31 11 00-0158	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	56.18	25.43
33 31 11 00-0159	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	97.33	33.05
33 31 11 00-0160	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	373.97	44.48
33 31 11 00-0161		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0162	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	16.95	6.51
33 31 11 00-0163	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	22.65	7.57
33 31 11 00-0164	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	30.37	8.80
33 31 11 00-0165	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	37.37	9.11
33 31 11 00-0166	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	45.83	9.43
33 31 11 00-0167	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	59.98	9.77
33 31 11 00-0168	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	76.17	10.12
33 31 11 00-0169	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	99.10	10.98
33 31 11 00-0170	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	120.31	11.86
33 31 11 00-0171	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	149.66	13.91
33 31 11 00-0172		**Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0173	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	15.47	6.51
33 31 11 00-0174	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	20.07	7.57
33 31 11 00-0175	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	26.21	8.80
33 31 11 00-0176		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0177		**1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0178	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	77.45	23.49
33 31 11 00-0179	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	115.97	27.32
33 31 11 00-0180	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	246.73	30.95
33 31 11 00-0181	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	716.03	36.42
33 31 11 00-0182	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	925.37	46.43
33 31 11 00-0183		**1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0184	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	69.58	23.49
33 31 11 00-0185	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	107.29	27.32
33 31 11 00-0186	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	224.78	30.95
33 31 11 00-0187	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	509.39	36.42
33 31 11 00-0188	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	728.89	46.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0189	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,568.13	65.55
33 31 11 00-0190	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,489.78	92.86
33 31 11 00-0191	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,159.38	122.90
33 31 11 00-0192	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	5,671.99	163.87
33 31 11 00-0193		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0194	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	117.29	35.24
33 31 11 00-0195	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	191.87	39.05
33 31 11 00-0196	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	216.10	40.96
33 31 11 00-0197	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	238.96	42.88
33 31 11 00-0198	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	274.40	44.79
33 31 11 00-0199	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	532.33	46.70
33 31 11 00-0200	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	683.90	47.79
33 31 11 00-0201	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	775.85	50.08
33 31 11 00-0202	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,149.43	51.98
33 31 11 00-0203	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,500.43	54.62
33 31 11 00-0204	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	841.61	58.18
33 31 11 00-0205	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	893.74	60.09
33 31 11 00-0206	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,279.42	62.00
33 31 11 00-0207	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,849.77	64.64
33 31 11 00-0208	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,085.12	69.64
33 31 11 00-0209		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0210	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	111.18	35.24
33 31 11 00-0211	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	171.51	39.05
33 31 11 00-0212	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	188.76	40.96
33 31 11 00-0213	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	230.23	42.88
33 31 11 00-0214	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	263.99	44.79
33 31 11 00-0215	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	407.94	46.70
33 31 11 00-0216	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	624.79	48.16
33 31 11 00-0217	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	637.17	50.08
33 31 11 00-0218	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	962.72	51.98
33 31 11 00-0219	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,065.80	54.62
33 31 11 00-0220	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	792.33	58.18
33 31 11 00-0221	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	817.19	60.09
33 31 11 00-0222	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,174.50	62.00
33 31 11 00-0223	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,416.99	64.64
33 31 11 00-0224	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,479.13	69.64
33 31 11 00-0225	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,823.25	83.76
33 31 11 00-0226	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,023.51	88.77
33 31 11 00-0227	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,532.13	98.32
33 31 11 00-0228		**Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0229	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	76.76	23.49
33 31 11 00-0230	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	120.61	27.32
33 31 11 00-0231	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	179.42	31.13
33 31 11 00-0232	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	343.75	36.42
33 31 11 00-0233	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	488.64	46.43
33 31 11 00-0234	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	960.13	65.55
33 31 11 00-0235	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,811.13	92.86
33 31 11 00-0236	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,027.67	122.90
33 31 11 00-0237	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,385.36	163.87
33 31 11 00-0238		**Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0239	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	150.27	25.40
33 31 11 00-0240	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	216.88	27.32
33 31 11 00-0241	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	228.63	29.22
33 31 11 00-0242	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	520.88	31.86
33 31 11 00-0243	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	599.13	33.77
33 31 11 00-0244	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	669.59	36.87
33 31 11 00-0245	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	769.11	38.78
33 31 11 00-0246	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	882.39	41.42
33 31 11 00-0247	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,329.60	55.98
33 31 11 00-0248		**Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0249	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	123.25	
33 31 11 00-0250	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	163.37	
33 31 11 00-0251	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	167.14	
33 31 11 00-0252	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	279.38	
33 31 11 00-0253	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	295.16	
33 31 11 00-0254	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	566.70	
33 31 11 00-0255	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	317.73	
33 31 11 00-0256	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	347.32	
33 31 11 00-0257	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	785.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0258	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	928.17	
33 31 11 00-0259	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	362.53	
33 31 11 00-0260	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	388.35	

33 31 11 00-0261 Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)
(33 31 11 00-0176)

33 31 11 00-0262	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	132.09	
33 31 11 00-0263	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	163.37	
33 31 11 00-0264	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	179.17	
33 31 11 00-0265	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	255.97	
33 31 11 00-0266	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	293.27	
33 31 11 00-0267	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	448.84	
33 31 11 00-0268	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	315.86	
33 31 11 00-0269	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	345.54	
33 31 11 00-0270	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	521.82	
33 31 11 00-0271	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	636.87	
33 31 11 00-0272	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	361.37	
33 31 11 00-0273	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	379.60	
33 31 11 00-0274	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	640.26	
33 31 11 00-0275	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	709.69	
33 31 11 00-0276	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,008.10	

33 31 11 00-0277 Couplings And Plug Fittings *(33 31 11)*

33 31 11 00-0278 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0277)*

Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.

33 31 11 00-0279	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	18.01	6.39
33 31 11 00-0280	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	19.70	7.46
33 31 11 00-0281	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	22.80	8.52
33 31 11 00-0282	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	25.84	9.06
33 31 11 00-0283	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	31.65	9.59
33 31 11 00-0284	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	37.51	10.66
33 31 11 00-0285	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	47.74	11.72
33 31 11 00-0286	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	58.98	12.25
33 31 11 00-0287	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	97.55	12.79
33 31 11 00-0288	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	132.91	13.86
33 31 11 00-0289	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	256.59	14.39
33 31 11 00-0290	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	298.16	15.19
33 31 11 00-0291	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	330.34	15.99
33 31 11 00-0292	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	395.78	17.06

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,115.95	315.46
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,085.25	315.46
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,007.36	105.12
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,577.85	105.12
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	12,460.00	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	3,727.98	658.88
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,599.42	768.69
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	6,851.01	988.32

33 34 Onsite Wastewater Disposal *(33 30)*

Note: Excludes distribution field piping, trenching or excavation.

33 34 13 Septic Tanks *(33 34)*

33 34 13 13 Concrete Septic Tanks *(33 34 13)*

33 34 13 13-0001 Precast Concrete Septic Tank *(33 34 13 13)*

Note: Includes external coating.

33 34 13 13-0002	EA	1,000 Gallon Precast Septic Tank	3,821.19	658.88
		For Non-Traffic Rated, Deduct	*-753.01*	
33 34 13 13-0003	EA	1,250 Gallon Precast Septic Tank	4,601.77	727.29
		For Non-Traffic Rated, Deduct	*-927.21*	
33 34 13 13-0004	EA	1,500 Gallon Precast Septic Tank	5,351.87	795.60
		For Non-Traffic Rated, Deduct	*-1,093.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 13 13-0005	EA	2,000 Gallon Precast Septic Tank	6,892.89	864.78
		For Non-Traffic Rated, Deduct	*-1,458.55*	
33 34 13 13-0006	EA	2,500 Gallon Precast Septic Tank	8,189.33	1,194.22
		For Non-Traffic Rated, Deduct	*-1,682.04*	
33 34 13 13-0007	EA	4,000 Gallon Precast Septic Tank	21,999.63	1,647.20
		For Non-Traffic Rated, Deduct	*-4,994.77*	
33 34 13 13-0008	EA	5,000 Gallon Precast Septic Tank	40,081.84	2,470.80
		For Non-Traffic Rated, Deduct	*-9,264.91*	
33 34 13 13-0009	EA	7,500 Gallon Precast Septic Tank	44,843.55	3,459.12
		For Non-Traffic Rated, Deduct	*-10,158.51*	
33 34 13 13-0010	EA	10,000 Gallon Precast Septic Tank	55,000.24	4,138.64
		For Non-Traffic Rated, Deduct	*-12,487.21*	
33 34 13 13-0011	EA	12,500 Gallon Precast Septic Tank	64,953.17	5,126.96
		For Non-Traffic Rated, Deduct	*-14,659.73*	

33 34 13 23 Fiberglass Septic Tank *(33 34 13)*

33 34 13 23-0001 Fiberglass Septic Tank *(33 34 13 23)*

33 34 13 23-0002	EA	1,000 Gallon Fiberglass Septic Tank	4,025.31	494.16
33 34 13 23-0003	EA	1,250 Gallon Fiberglass Septic Tank	4,738.44	658.88
33 34 13 23-0004	EA	1,500 Gallon Fiberglass Septic Tank	5,457.87	597.16
33 34 13 23-0005	EA	2,000 Gallon Fiberglass Septic Tank	9,132.95	646.47
33 34 13 23-0006	EA	2,500 Gallon Fiberglass Septic Tank	11,464.41	896.07
33 34 13 23-0007	EA	4,000 Gallon Fiberglass Septic Tank	18,183.21	1,235.40
33 34 13 23-0008	EA	5,000 Gallon Fiberglass Septic Tank	26,986.98	1,853.10
33 34 13 23-0009	EA	7,500 Gallon Fiberglass Septic Tank	37,050.09	2,594.34
33 34 13 23-0010	EA	10,000 Gallon Fiberglass Septic Tank	45,466.89	3,100.79

33 34 13 33 Polyethylene Septic Tank *(33 34 13)*

33 34 13 33-0001 High Density Polyethylene (HDPE) Septic Tank *(33 34 13 33)*

33 34 13 33-0002	EA	300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,184.83	193.53
33 34 13 33-0003	EA	500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,845.08	217.72
33 34 13 33-0004	EA	900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,574.90	266.10
33 34 13 33-0005	EA	1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,639.75	290.29
33 34 13 33-0006	EA	1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,064.67	314.49
33 34 13 33-0007	EA	1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,687.26	338.67
33 34 13 33-0008	EA	750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,599.47	241.91
33 34 13 33-0009	EA	1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,828.02	290.29
33 34 13 33-0010	EA	1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,332.95	314.49
33 34 13 33-0011	EA	1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,922.60	338.67

33 34 51 Drainage Field System *(33 34)*

33 34 51 00-0001 Leaching Pit - Precast Concrete *(33 34 51)*
Note: Includes external coating.

33 34 51 00-0002	EA	3' Diameter, 3' High, Precast Concrete Leaching Pit	875.40	96.64
33 34 51 00-0003	EA	4' Diameter, 3' High, Precast Concrete Leaching Pit	1,233.87	137.27
33 34 51 00-0004	EA	6' Diameter, 3' High, Precast Concrete Leaching Pit	1,643.54	164.72
33 34 51 00-0005	EA	8' Diameter, 4' High, Precast Concrete Leaching Pit	2,674.04	274.53
33 34 51 00-0006	EA	10' Diameter, 4' High, Precast Concrete Leaching Pit	3,906.62	384.35

33 34 53 Distribution Chambers *(33 34)*

33 34 53 13 Drainage Field Concrete Distribution Chambers *(33 34 53)*

33 34 53 13-0001 Concrete Distribution Boxes *(33 34 53 13)*
Note: Includes internal and external coating.

33 34 53 13-0002	EA	3 Outlet Concrete Distribution Box	328.81	69.10
33 34 53 13-0003	EA	5 Outlet Concrete Distribution Box	382.34	82.91
33 34 53 13-0004	EA	8 Outlet Concrete Distribution Box	675.89	96.73
33 34 53 13-0005	EA	12 Outlet Concrete Distribution Box	1,338.88	165.83

33 34 53 13-0006 Leaching Field Chambers - Precast Concrete *(33 34 53 13)*

33 34 53 13-0007	EA	Standard Leaching Field Chamber 13' x 3'-7" x 1'-4"	1,041.28	87.06
33 34 53 13-0008	EA	Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6"	1,272.55	118.71

33 34 56 Drainage Field Dosing Chambers *(33 34)*

33 34 56 00-0001 Dosing Siphon *(33 34 56)*

33 34 56 00-0002	EA	Dosing Siphon With Electrical Connection And Solenoid Valve	5,521.83	
33 34 56 00-0003	EA	Solar Power Control For Dosing Siphon	3,803.66	
33 34 56 00-0004	EA	Electrical Power Control For Dosing Siphon	3,654.98	

33 40 Stormwater Utilities *(33)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

See CSI section 33 42 11 00-0209 for polyethylene drain pipe.

33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping *(33 41 16 13)*

33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0001)*

Note: Excludes couplings and gaskets.

33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0004	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	5.58	4.63
		For <100, Add	*0.97*	
		For >1,000, Deduct	*-0.51*	
33 41 16 13-0005	LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	7.08	4.95
		For <100, Add	*1.10*	
		For >1,000, Deduct	*-0.60*	
33 41 16 13-0006	LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	8.96	5.20
		For <100, Add	*1.23*	
		For >1,000, Deduct	*-0.71*	
33 41 16 13-0007	LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	12.32	5.37
		For <100, Add	*1.42*	
		For >1,000, Deduct	*-0.88*	
33 41 16 13-0008	LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.53	5.86
		For <100, Add	*1.61*	
		For >1,000, Deduct	*-1.02*	
33 41 16 13-0009	LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.23	6.61
		For <100, Add	*1.95*	
		For >1,000, Deduct	*-1.29*	
33 41 16 13-0010	LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.78	11.02
		For <100, Add	*3.19*	
		For >1,000, Deduct	*-2.09*	
33 41 16 13-0011	LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	42.97	12.11
		For <100, Add	*3.97*	
		For >1,000, Deduct	*-2.75*	

33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0013	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	5.45	4.63
		For <100, Add	*0.97*	
		For >1,000, Deduct	*-0.50*	
33 41 16 13-0014	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	7.02	4.95
		For <100, Add	*1.09*	
		For >1,000, Deduct	*-0.60*	
33 41 16 13-0015	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.55	5.20
		For <100, Add	*1.36*	
		For >1,000, Deduct	*-0.84*	
33 41 16 13-0016	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	13.68	5.37
		For <100, Add	*1.49*	
		For >1,000, Deduct	*-0.95*	
33 41 16 13-0017	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	16.02	5.86
		For <100, Add	*1.68*	
		For >1,000, Deduct	*-1.09*	
33 41 16 13-0018	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.07	6.61
		For <100, Add	*1.95*	
		For >1,000, Deduct	*-1.28*	
33 41 16 13-0019	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	29.80	11.02
		For <100, Add	*3.14*	
		For >1,000, Deduct	*-2.04*	
33 41 16 13-0020	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	41.41	12.11
		For <100, Add	*3.89*	
		For >1,000, Deduct	*-2.68*	

33 41 16 13-0021 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 41 16 13-0001)*

Note: Excludes couplings and gaskets.

33 41 16 13-0022 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0023	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	40.07	21.86
33 41 16 13-0024	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	47.63	25.50
33 41 16 13-0025	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	76.53	30.97
33 41 16 13-0026	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	98.14	38.26
33 41 16 13-0027	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	144.86	45.55
33 41 16 13-0028	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	311.64	59.51
33 41 16 13-0029	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	373.32	80.15
33 41 16 13-0030	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	701.84	91.09

33 41 16 13-0031 Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0032	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	41.16	21.86
33 41 16 13-0033	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	51.19	25.50
33 41 16 13-0034	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	113.77	30.97
33 41 16 13-0035		45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0036	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	27.09	14.58
33 41 16 13-0037		90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0038	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	28.23	14.58
33 41 16 13-0039	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	36.35	17.00
33 41 16 13-0040	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	53.67	20.65
33 41 16 13-0041	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	70.61	25.50
33 41 16 13-0042		Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)* Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	5.80	3.65
		For <100, Add	*0.84*	
		For >1,000, Deduct	*-0.47*	
33 41 16 13-0044	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	6.34	3.95
		For <100, Add	*0.91*	
		For >1,000, Deduct	*-0.51*	
33 41 16 13-0045	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	8.85	4.73
		For <100, Add	*1.15*	
		For >1,000, Deduct	*-0.68*	
33 41 16 13-0046	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	13.61	5.91
		For <100, Add	*1.57*	
		For >1,000, Deduct	*-0.98*	
33 41 16 13-0047	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	21.55	6.16
		For <100, Add	*2.00*	
		For >1,000, Deduct	*-1.39*	
33 41 16 13-0048	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	27.33	6.72
		For <100, Add	*2.37*	
		For >1,000, Deduct	*-1.70*	
33 41 16 13-0049	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	48.02	7.57
		For <100, Add	*3.54*	
		For >1,000, Deduct	*-2.78*	
33 41 16 13-0050		Perforated Non Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*		
33 41 16 13-0051	LF	6" Perforated Non Reinforced Concrete Drainage Pipe	33.08	11.61
		For Extra Strength, Add	*1.94*	
		For >1,000, Deduct	*-1.65*	
33 41 16 13-0052	LF	8" Perforated Non Reinforced Concrete Drainage Pipe	38.77	12.90
		For Extra Strength, Add	*2.39*	
		For >1,000, Deduct	*-1.94*	
33 41 16 13-0053	LF	10" Perforated Non Reinforced Concrete Drainage Pipe	43.93	14.19
		For Extra Strength, Add	*2.78*	
		For >1,000, Deduct	*-2.20*	
33 41 16 13-0054	LF	12" Perforated Non Reinforced Concrete Drainage Pipe	51.77	15.48
		For Extra Strength, Add	*3.49*	
		For >1,000, Deduct	*-2.59*	
33 41 16 13-0055		Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)* Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0056	LF	6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	27.08	11.61
		For >1,000, Deduct	*-1.35*	
33 41 16 13-0057	LF	8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	29.95	12.90
		For >1,000, Deduct	*-1.50*	
33 41 16 13-0058	LF	10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	33.05	14.19
		For >1,000, Deduct	*-1.65*	
33 41 16 13-0059	LF	12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	37.84	14.74
		For >1,000, Deduct	*-1.89*	
33 41 16 13-0060	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	44.11	16.59
		For >1,000, Deduct	*-2.21*	
33 41 16 13-0061	LF	18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	54.55	21.20
		For >1,000, Deduct	*-2.73*	
33 41 16 13-0062	LF	21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	68.09	27.19
		For >1,000, Deduct	*-3.40*	
33 41 16 13-0063	LF	24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	83.04	33.17
		For >1,000, Deduct	*-4.15*	
33 41 16 13-0064		Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0065	LF	6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	25.10	11.61
		For >1,000, Deduct	*-1.26*	
33 41 16 13-0066	LF	8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	32.15	12.90
		For >1,000, Deduct	*-1.61*	
33 41 16 13-0067	LF	10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	40.99	14.19
		For >1,000, Deduct	*-2.05*	
33 41 16 13-0068	LF	12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	50.01	15.48
		For >1,000, Deduct	*-2.50*	
33 41 16 13-0069	LF	15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	57.37	17.23
		For >1,000, Deduct	*-2.87*	
33 41 16 13-0070	LF	18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	74.46	21.48
		For >1,000, Deduct	*-3.72*	

33 41 16 13-0071 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*

33 41 16 13-0072	LF	4" Perforated Vitrified Clay Drainage Pipe	23.97	12.90
33 41 16 13-0073	LF	6" Perforated Vitrified Clay Drainage Pipe	28.58	14.52
33 41 16 13-0074	LF	8" Perforated Vitrified Clay Drainage Pipe	32.51	14.52
33 41 16 13-0075	LF	10" Perforated Vitrified Clay Drainage Pipe	43.50	17.74
33 41 16 13-0076	LF	12" Perforated Vitrified Clay Drainage Pipe	51.62	19.36

33 41 16 13-0077 Geotextile Filter Fabric Sock *(33 41 16 13)*

33 41 16 13-0078	LF	3" Geotextile Filter Fabric Sock	0.77	
33 41 16 13-0079	LF	4" Geotextile Filter Fabric Sock	1.01	
33 41 16 13-0080	LF	6" Geotextile Filter Fabric Sock	1.54	
33 41 16 13-0081	LF	8" Geotextile Filter Fabric Sock	2.07	
33 41 16 13-0082	LF	10" Geotextile Filter Fabric Sock	3.12	
33 41 16 13-0083	LF	12" Geotextile Filter Fabric Sock	4.30	
33 41 16 13-0084	LF	15" Geotextile Filter Fabric Sock	5.18	

33 41 16 13-0085 Strip-Perforated, Galvanized, Corrugated Steel Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0086	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	23.00	5.53
		For Full Perforated, Add	*1.19*	
33 41 16 13-0087	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	29.15	6.70
		For Full Perforated, Add	*1.57*	
33 41 16 13-0088	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	36.74	8.51
		For Full Perforated, Add	*1.97*	
33 41 16 13-0089	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	40.75	10.05
		For Full Perforated, Add	*2.06*	
33 41 16 13-0090	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	46.76	10.41
		For Full Perforated, Add	*2.59*	
33 41 16 13-0091	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	52.89	10.79
		For Full Perforated, Add	*3.13*	
33 41 16 13-0092	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	60.55	11.64
		For Full Perforated, Add	*3.73*	

33 41 16 13-0093 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0094	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	24.92	5.53
		For Full Perforated, Add	*1.39*	
33 41 16 13-0095	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	31.75	6.70
		For Full Perforated, Add	*1.83*	
33 41 16 13-0096	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	39.92	8.51
		For Full Perforated, Add	*2.29*	
33 41 16 13-0097	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	43.84	10.05
		For Full Perforated, Add	*2.37*	
33 41 16 13-0098	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	50.57	10.41
		For Full Perforated, Add	*2.98*	
33 41 16 13-0099	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	57.42	10.79
		For Full Perforated, Add	*3.59*	
33 41 16 13-0100	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	65.83	11.64
		For Full Perforated, Add	*4.26*	

33 41 16 13-0101 Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16 13)*

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 13-0102	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	25.54	5.53
		For Full Perforated, Add	*1.45*	
33 41 16 13-0103	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	32.55	6.70
		For Full Perforated, Add	*1.91*	
33 41 16 13-0104	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	40.94	8.51
		For Full Perforated, Add	*2.39*	
33 41 16 13-0105	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	51.46	10.05
		For Full Perforated, Add	*3.14*	
33 41 16 13-0106	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	60.06	10.41
		For Full Perforated, Add	*3.92*	
33 41 16 13-0107	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	68.93	10.79
		For Full Perforated, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0108	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	79.24	11.64
		For Full Perforated, Add	*5.60*	

33 41 16 13-0109 Prefabricated Composite Drains *(33 41 16 13)*

33 41 16 13-0110 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0109)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

33 41 16 13-0111	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	10.55	2.16
		For External Typar Geotextile Wrap, Add	*1.95*	
33 41 16 13-0112	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	47.84	
33 41 16 13-0113	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	47.84	
33 41 16 13-0114	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	93.07	
33 41 16 13-0115	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	93.07	
33 41 16 13-0116	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	16.88	2.70
		For External Typar Geotextile Wrap, Add	*2.93*	
33 41 16 13-0117	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	71.06	
33 41 16 13-0118	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	71.06	
33 41 16 13-0119	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	122.42	
33 41 16 13-0120	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	122.42	

33 41 19 Underslab Drainage *(33 41)*

33 41 19 13 Underslab Drainage Piping *(33 41 19)*

33 41 19 13-0001 Capillary Water Barrier Underslab Drainage *(33 41 19 13)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	81.55	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	79.09	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	78.10	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	76.63	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	49.80	15.48
		For >1,000, Deduct	*-2.49*	
		For Class 4, Add	*2.63*	
		For Class 5, Add	*5.54*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	60.07	17.23
		For >1,000, Deduct	*-3.00*	
		For Class 4, Add	*3.37*	
		For Class 5, Add	*7.09*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	67.99	21.48
		For >1,000, Deduct	*-3.40*	
		For Class 4, Add	*3.54*	
		For Class 5, Add	*7.46*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	87.18	27.09
		For >1,000, Deduct	*-4.36*	
		For Class 4, Add	*4.61*	
		For Class 5, Add	*9.70*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	101.85	32.90
		For >1,000, Deduct	*-5.09*	
		For Class 4, Add	*5.21*	
		For Class 5, Add	*10.97*	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	129.45	42.15
		For >1,000, Deduct	*-6.47*	
		For Class 4, Add	*6.58*	
		For Class 5, Add	*13.85*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	137.80	43.52
		For >1,000, Deduct	*-6.89*	
		For Class 4, Add	*7.11*	
		For Class 5, Add	*14.98*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	171.50	49.46
		For >1,000, Deduct	*-8.58*	
		For Class 4, Add	*9.65*	
		For Class 5, Add	*20.31*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	223.90	54.41
		For >1,000, Deduct	*-11.20*	
		For Class 4, Add	*13.96*	
		For Class 5, Add	*29.39*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	268.83	60.59
		For >1,000, Deduct	*-13.44*	
		For Class 4, Add	*17.32*	
		For Class 5, Add	*36.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	335.59	69.25
		For >1,000, Deduct	*-16.78*	
		For Class 4, Add	*22.48*	
		For Class 5, Add	*47.33*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	405.81	80.33
		For >1,000, Deduct	*-20.29*	
		For Class 4, Add	*27.65*	
		For Class 5, Add	*58.21*	
33 42 11 00-0015	LF	66" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	631.56	89.03
		For >1,000, Deduct	*-31.58*	
		For Class 4, Add	*47.97*	
		For Class 5, Add	*100.99*	
33 42 11 00-0016	LF	72" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	737.94	96.95
		For >1,000, Deduct	*-36.90*	
		For Class 4, Add	*56.95*	
		For Class 5, Add	*119.89*	
33 42 11 00-0017	LF	78" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	888.70	108.82
		For >1,000, Deduct	*-44.44*	
		For Class 4, Add	*69.62*	
		For Class 5, Add	*146.58*	
33 42 11 00-0018	LF	84" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	1,148.09	121.18
		For >1,000, Deduct	*-57.40*	
		For Class 4, Add	*92.62*	
		For Class 5, Add	*194.99*	

33 42 11 00-0019 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0020	EA	12" Concrete Reducing Wye Without Gaskets	631.08	58.98
33 42 11 00-0021	EA	15" Concrete Reducing Wye Without Gaskets	756.56	71.88
33 42 11 00-0022	EA	18" Concrete Reducing Wye Without Gaskets	936.75	79.25
33 42 11 00-0023	EA	21" Concrete Reducing Wye Without Gaskets	1,073.69	97.68
33 42 11 00-0024	EA	24" Concrete Reducing Wye Without Gaskets	1,212.05	117.96

33 42 11 00-0025 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0026	EA	12" Diameter Concrete Pipe Joint Gasket	6.14	
33 42 11 00-0027	EA	15" Diameter Concrete Pipe Joint Gasket	7.26	
33 42 11 00-0028	EA	18" Diameter Concrete Pipe Joint Gasket	8.42	
33 42 11 00-0029	EA	21" Diameter Concrete Pipe Joint Gasket	10.17	
33 42 11 00-0030	EA	24" Diameter Concrete Pipe Joint Gasket	11.92	
33 42 11 00-0031	EA	27" Diameter Concrete Pipe Joint Gasket	13.28	
33 42 11 00-0032	EA	30" Diameter Concrete Pipe Joint Gasket	14.59	
33 42 11 00-0033	EA	36" Diameter Concrete Pipe Joint Gasket	17.83	
33 42 11 00-0034	EA	42" Diameter Concrete Pipe Joint Gasket	20.67	
33 42 11 00-0035	EA	48" Diameter Concrete Pipe Joint Gasket	23.84	
33 42 11 00-0036	EA	54" Diameter Concrete Pipe Joint Gasket	29.22	
33 42 11 00-0037	EA	60" Diameter Concrete Pipe Joint Gasket	43.25	
33 42 11 00-0038	EA	66" Diameter Concrete Pipe Joint Gasket	44.96	
33 42 11 00-0039	EA	72" Diameter Concrete Pipe Joint Gasket	46.62	
33 42 11 00-0040	EA	78" Diameter Concrete Pipe Joint Gasket	53.69	
33 42 11 00-0041	EA	84" Diameter Concrete Pipe Joint Gasket	64.37	

33 42 11 00-0042 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

33 42 11 00-0043	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	251.30	174.11
33 42 11 00-0044	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	309.97	215.65
33 42 11 00-0045	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	384.50	273.04
33 42 11 00-0046	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	455.04	326.45
33 42 11 00-0047	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	523.52	377.79
33 42 11 00-0048	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	645.62	482.76
33 42 11 00-0049	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	844.92	664.77
33 42 11 00-0050	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,053.46	838.88
33 42 11 00-0051	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,301.05	1,052.35
33 42 11 00-0052	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,456.26	1,186.11
33 42 11 00-0053	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,625.94	1,329.54
33 42 11 00-0054	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,798.04	1,476.94
33 42 11 00-0055	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,868.31	1,533.32
33 42 11 00-0056	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,930.13	1,582.79
33 42 11 00-0057	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,991.94	1,632.25
33 42 11 00-0058	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,055.30	1,681.72

33 42 11 00-0059 Strap Assembly *(33 42 11 00-0001)*

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

33 42 11 00-0060	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	226.16	
33 42 11 00-0061	EA	>24" Diameter Pipe, 12' Strap Assembly	319.35	

33 42 11 00-0062 Prestressed Concrete Cylinder Piping *(33 42 11)*

33 42 11 00-0063 150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0064		150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0063)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0065	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	141.42	15.48
		For >1,000, Deduct	*-7.07*	
		For 100 PSI, Deduct	*-29.83*	
33 42 11 00-0066	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	150.83	17.23
		For >1,000, Deduct	*-7.54*	
		For 100 PSI, Deduct	*-31.56*	
33 42 11 00-0067	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	163.82	21.48
		For >1,000, Deduct	*-8.19*	
		For 100 PSI, Deduct	*-33.28*	
33 42 11 00-0068	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	178.74	27.09
		For >1,000, Deduct	*-8.94*	
		For 100 PSI, Deduct	*-35.01*	
33 42 11 00-0069	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	193.94	32.90
		For >1,000, Deduct	*-9.70*	
		For 100 PSI, Deduct	*-36.74*	
33 42 11 00-0070	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	227.45	43.52
		For >1,000, Deduct	*-11.37*	
		For 100 PSI, Deduct	*-41.13*	
33 42 11 00-0071	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	252.05	49.46
		For >1,000, Deduct	*-12.60*	
		For 100 PSI, Deduct	*-45.53*	
33 42 11 00-0072	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	292.98	54.41
		For >1,000, Deduct	*-14.65*	
		For 100 PSI, Deduct	*-54.01*	
33 42 11 00-0073	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	336.49	60.59
		For >1,000, Deduct	*-16.82*	
		For 100 PSI, Deduct	*-62.48*	
33 42 11 00-0074	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	447.99	79.74
		For >1,000, Deduct	*-22.40*	
		For 100 PSI, Deduct	*-83.52*	
33 42 11 00-0075	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	540.32	92.50
		For >1,000, Deduct	*-27.02*	
		For 100 PSI, Deduct	*-102.04*	
33 42 11 00-0076	LF	66" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	607.36	102.53
		For >1,000, Deduct	*-30.37*	
		For 100 PSI, Deduct	*-115.39*	
33 42 11 00-0077	LF	72" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	677.55	111.63
		For >1,000, Deduct	*-33.88*	
		For 100 PSI, Deduct	*-129.52*	
33 42 11 00-0078	LF	78" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	769.69	125.31
		For >1,000, Deduct	*-38.48*	
		For 100 PSI, Deduct	*-147.57*	
33 42 11 00-0079	LF	84" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	861.86	139.54
		For >1,000, Deduct	*-43.09*	
		For 100 PSI, Deduct	*-165.63*	
33 42 11 00-0080	LF	90" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,065.58	162.90
		For >1,000, Deduct	*-53.28*	
		For 100 PSI, Deduct	*-208.01*	
33 42 11 00-0081	LF	96" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,254.80	186.02
		For >1,000, Deduct	*-62.74*	
		For 100 PSI, Deduct	*-247.26*	
33 42 11 00-0082	LF	102" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,463.27	200.10
		For >1,000, Deduct	*-73.16*	
		For 100 PSI, Deduct	*-294.36*	
33 42 11 00-0083	LF	108" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,653.66	212.49
		For >1,000, Deduct	*-82.68*	
		For 100 PSI, Deduct	*-337.53*	
33 42 11 00-0084	LF	114" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,001.04	224.88
		For >1,000, Deduct	*-100.05*	
		For 100 PSI, Deduct	*-419.95*	
33 42 11 00-0085	LF	120" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,331.23	236.22
		For >1,000, Deduct	*-116.56*	
		For 100 PSI, Deduct	*-498.44*	
33 42 11 00-0086	LF	126" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,542.10	247.57
		For >1,000, Deduct	*-127.11*	
		For 100 PSI, Deduct	*-547.11*	
33 42 11 00-0087	LF	132" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,756.12	258.91
		For >1,000, Deduct	*-137.81*	
		For 100 PSI, Deduct	*-596.56*	
33 42 11 00-0088	LF	138" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,968.57	270.26
		For >1,000, Deduct	*-148.43*	
		For 100 PSI, Deduct	*-645.62*	
33 42 11 00-0089	LF	144" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	3,181.00	281.59
		For >1,000, Deduct	*-159.05*	
		For 100 PSI, Deduct	*-694.68*	
33 42 11 00-0090		150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0063)*		
33 42 11 00-0091	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	450.42	145.14
33 42 11 00-0092	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	621.93	207.35
33 42 11 00-0093	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	797.83	276.46
33 42 11 00-0094	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	973.75	345.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0095	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,180.05	429.44
33 42 11 00-0096	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,514.10	575.97
33 42 11 00-0097	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,887.03	692.46
33 42 11 00-0098	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,197.28	808.21
33 42 11 00-0099	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,471.41	922.96
33 42 11 00-0100	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,037.30	1,152.46
33 42 11 00-0101	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,029.41	1,594.81
33 42 11 00-0102	EA	66" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,489.36	1,765.68
33 42 11 00-0103	EA	72" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,949.29	1,936.55
33 42 11 00-0104	EA	78" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,993.65	2,221.34
33 42 11 00-0105	EA	84" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	7,031.71	2,506.13
33 42 11 00-0106	EA	90" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,338.99	2,847.87
33 42 11 00-0107	EA	96" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	9,640.00	3,189.61
33 42 11 00-0108	EA	102" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	12,849.00	4,022.84
33 42 11 00-0109	EA	108" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	16,039.44	4,827.41
33 42 11 00-0110	EA	114" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	20,820.04	6,436.55
33 42 11 00-0111	EA	120" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	25,524.46	8,045.69
33 42 11 00-0112	EA	126" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	28,866.25	8,677.84
33 42 11 00-0113	EA	132" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	32,212.28	9,310.01
33 42 11 00-0114	EA	138" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	42,372.85	9,942.17
33 42 11 00-0115	EA	144" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	38,973.86	10,574.33
33 42 11 00-0116		**150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets** *(33 42 11 00-0063)*		
33 42 11 00-0117	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	418.39	145.14
33 42 11 00-0118	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	580.48	207.35
33 42 11 00-0119	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	748.85	276.46
33 42 11 00-0120	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	917.24	345.58
33 42 11 00-0121	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,116.00	429.44
33 42 11 00-0122	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,426.19	537.27
33 42 11 00-0123	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,786.55	692.46
33 42 11 00-0124	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,081.11	808.21
33 42 11 00-0125	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,346.45	922.96
33 42 11 00-0126	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,861.14	1,152.46
33 42 11 00-0127	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,860.27	1,594.81
33 42 11 00-0128	EA	66" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,307.96	1,765.68
33 42 11 00-0129	EA	72" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,755.64	1,936.55
33 42 11 00-0130	EA	78" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,541.62	2,221.34
33 42 11 00-0131	EA	84" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	6,321.30	2,506.13
33 42 11 00-0132	EA	90" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	7,442.45	2,847.87
33 42 11 00-0133	EA	96" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,557.34	3,189.61
33 42 11 00-0134	EA	102" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	11,182.52	3,987.02
33 42 11 00-0135	EA	108" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	13,932.44	4,827.41
33 42 11 00-0136	EA	114" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	18,200.40	6,436.55
33 42 11 00-0137	EA	120" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	22,392.19	8,045.69
33 42 11 00-0138	EA	126" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	25,044.32	8,677.84
33 42 11 00-0139	EA	132" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	27,700.70	10,574.33
33 42 11 00-0140	EA	138" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	30,367.86	9,942.17
33 42 11 00-0141	EA	144" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	33,345.78	10,574.33
33 42 11 00-0142		**400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints** *(33 42 11 00-0062)*		
33 42 11 00-0143		**400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints** *(33 42 11 00-0142)*		
		Note: AWWA C301		
33 42 11 00-0144	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	268.74	43.52
		For >1,000, Deduct	*-13.44*	
33 42 11 00-0145	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	328.31	49.46
		For >1,000, Deduct	*-16.42*	
33 42 11 00-0146	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	383.51	54.41
		For >1,000, Deduct	*-19.18*	
33 42 11 00-0147		**400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints** *(33 42 11 00-0142)*		
		Note: AWWA C301		
33 42 11 00-0148	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	518.34	60.55
		For >1,000, Deduct	*-25.92*	
33 42 11 00-0149	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	622.54	79.74
		For >1,000, Deduct	*-31.13*	
33 42 11 00-0150	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	717.61	92.50
		For >1,000, Deduct	*-35.88*	
33 42 11 00-0151	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	808.11	102.53
		For >1,000, Deduct	*-40.41*	
33 42 11 00-0152	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	980.11	111.63
		For >1,000, Deduct	*-49.01*	
33 42 11 00-0153		**Welded Joints For Prestressed Concrete Cylinder Pipe** *(33 42 11 00-0142)*		
		Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0154	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	2,130.83	
33 42 11 00-0155	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	2,288.67	
33 42 11 00-0156	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	2,367.59	
33 42 11 00-0157	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	2,683.27	
33 42 11 00-0158	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	2,762.19	
33 42 11 00-0159	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	2,920.03	
33 42 11 00-0160	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	2,998.95	
33 42 11 00-0161	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	3,077.87	
33 42 11 00-0162	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,945.98	
33 42 11 00-0163	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,945.98	
33 42 11 00-0164	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,498.42	
33 42 11 00-0165	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,498.42	
33 42 11 00-0166	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,814.10	
33 42 11 00-0167	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,814.10	
33 42 11 00-0168	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,208.70	
33 42 11 00-0169	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,208.70	

33 42 11 00-0170 Quick Test Joints *(33 42 11 00-0142)*

33 42 11 00-0171	EA	30" Quick Test Joint	570.93	
33 42 11 00-0172	EA	36" Quick Test Joint	575.87	
33 42 11 00-0173	EA	42" Quick Test Joint	580.82	
33 42 11 00-0174	EA	48" Quick Test Joint	592.53	
33 42 11 00-0175	EA	54" Quick Test Joint	621.50	
33 42 11 00-0176	EA	60" Quick Test Joint	644.17	
33 42 11 00-0177	EA	66" Quick Test Joint	678.12	
33 42 11 00-0178	EA	72" Quick Test Joint	712.07	

33 42 11 00-0179 Harnessed Joints *(33 42 11 00-0142)*

33 42 11 00-0180 Harness Clamp Restrained Joints *(33 42 11 00-0179)*

33 42 11 00-0181	EA	30" Harness Clamp Restrained Joint	3,285.17	
33 42 11 00-0182	EA	36" Harness Clamp Restrained Joint	3,413.42	
33 42 11 00-0183	EA	42" Harness Clamp Restrained Joint	3,541.68	
33 42 11 00-0184	EA	48" Harness Clamp Restrained Joint	3,669.93	
33 42 11 00-0185	EA	54" Harness Clamp Restrained Joint	3,813.19	
33 42 11 00-0186	EA	60" Harness Clamp Restrained Joint	4,009.54	
33 42 11 00-0187	EA	66" Harness Clamp Restrained Joint	4,144.24	
33 42 11 00-0188	EA	72" Harness Clamp Restrained Joint	4,439.24	

33 42 11 00-0189 Snap Ring Restrained Joints *(33 42 11 00-0179)*

33 42 11 00-0190	EA	30" Snap Ring Restrained Joint	572.38	
33 42 11 00-0191	EA	36" Snap Ring Restrained Joint	651.30	
33 42 11 00-0192	EA	42" Snap Ring Restrained Joint	865.88	
33 42 11 00-0193	EA	48" Snap Ring Restrained Joint	981.79	
33 42 11 00-0194	EA	54" Snap Ring Restrained Joint	1,112.72	
33 42 11 00-0195	EA	60" Snap Ring Restrained Joint	1,259.75	
33 42 11 00-0196	EA	66" Snap Ring Restrained Joint	1,394.45	
33 42 11 00-0197	EA	72" Snap Ring Restrained Joint	1,553.81	

33 42 11 00-0198 Pipe Repairs *(33 42 11 00-0142)*

Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.

33 42 11 00-0199 Lined Cylinder Pipe Repair *(33 42 11 00-0198)*

33 42 11 00-0200	EA	30" Lined Cylinder Pipe Repair	5,604.19	
33 42 11 00-0201	EA	36" Lined Cylinder Pipe Repair	6,939.08	
33 42 11 00-0202	EA	42" Lined Cylinder Pipe Repair	10,212.42	

33 42 11 00-0203 Embedded Cylinder Pipe Repair *(33 42 11 00-0198)*

Note: Field welded concrete enclosure assembly with concrete pipe.

33 42 11 00-0204	EA	48" Embedded Cylinder Pipe Repair	15,396.92	
33 42 11 00-0205	EA	54" Embedded Cylinder Pipe Repair	17,906.84	
33 42 11 00-0206	EA	60" Embedded Cylinder Pipe Repair	20,433.19	
33 42 11 00-0207	EA	66" Embedded Cylinder Pipe Repair	23,088.63	
33 42 11 00-0208	EA	72" Embedded Cylinder Pipe Repair	27,855.55	

33 42 11 00-0209 High Density Polyethylene (HDPE) Piping *(33 42 11)*

33 42 11 00-0210 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0209)*

Note: Excludes couplings and gaskets.

33 42 11 00-0211 Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0210)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0212	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.56	6.51
		For <100, Add	*2.60*	
		For >1,000, Deduct	*-1.38*	
33 42 11 00-0213	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.09	7.57
		For <100, Add	*3.03*	
		For >1,000, Deduct	*-1.71*	
33 42 11 00-0214	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.52	8.80
		For <100, Add	*3.52*	
		For >1,000, Deduct	*-2.06*	
33 42 11 00-0215	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.75	9.11
		For <100, Add	*3.64*	
		For >1,000, Deduct	*-2.25*	
33 42 11 00-0216	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	28.13	9.43
		For <100, Add	*3.77*	
		For >1,000, Deduct	*-2.35*	
33 42 11 00-0217	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.96	9.77
		For <100, Add	*3.91*	
		For >1,000, Deduct	*-2.57*	
33 42 11 00-0218	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	38.78	10.12
		For <100, Add	*4.05*	
		For >1,000, Deduct	*-2.95*	
33 42 11 00-0219	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	53.24	11.86
		For <100, Add	*4.74*	
		For >1,000, Deduct	*-3.85*	
33 42 11 00-0220	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	75.54	15.96
		For <100, Add	*6.38*	
		For >1,000, Deduct	*-5.37*	
33 42 11 00-0221	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	99.31	20.18
		For <100, Add	*8.07*	
		For >1,000, Deduct	*-6.98*	

33 42 11 00-0222 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0210)*

33 42 11 00-0223	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	27.97	9.43
		For <100, Add	*3.77*	
		For >1,000, Deduct	*-2.34*	
33 42 11 00-0224	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	32.62	9.77
		For <100, Add	*3.91*	
		For >1,000, Deduct	*-2.61*	
33 42 11 00-0225	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	39.76	10.12
		For <100, Add	*4.05*	
		For >1,000, Deduct	*-3.00*	
33 42 11 00-0226	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	54.80	11.86
		For <100, Add	*4.74*	
		For >1,000, Deduct	*-3.93*	
33 42 11 00-0227	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	79.79	15.96
		For <100, Add	*6.38*	
		For >1,000, Deduct	*-5.59*	
33 42 11 00-0228	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	102.47	20.18
		For <100, Add	*8.07*	
		For >1,000, Deduct	*-7.14*	
33 42 11 00-0229	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	133.70	22.00
		For <100, Add	*8.80*	
		For >1,000, Deduct	*-8.89*	
33 42 11 00-0230	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	145.77	24.83
		For <100, Add	*9.93*	
		For >1,000, Deduct	*-9.77*	

33 42 11 00-0231 Perforated, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0209)*

Note: Excludes couplings and gaskets.

33 42 11 00-0232 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0231)*

33 42 11 00-0233	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.38	6.51
		For <100, Add	*2.60*	
		For >1,000, Deduct	*-1.42*	
33 42 11 00-0234	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.12	7.57
		For <100, Add	*3.03*	
		For >1,000, Deduct	*-1.71*	
33 42 11 00-0235	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.52	8.80
		For <100, Add	*3.52*	
		For >1,000, Deduct	*-2.06*	
33 42 11 00-0236	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.78	9.11
		For <100, Add	*3.64*	
		For >1,000, Deduct	*-2.25*	
33 42 11 00-0237	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	28.13	9.43
		For <100, Add	*3.77*	
		For >1,000, Deduct	*-2.35*	
33 42 11 00-0238	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.99	9.77
		For <100, Add	*3.91*	
		For >1,000, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0239	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	38.80	10.12
		For <100, Add	*4.05*	
		For >1,000, Deduct	*-2.95*	
33 42 11 00-0240	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	53.24	11.86
		For <100, Add	*4.74*	
		For >1,000, Deduct	*-3.85*	
33 42 11 00-0241	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	75.81	15.96
		For <100, Add	*6.38*	
		For >1,000, Deduct	*-5.39*	
33 42 11 00-0242	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	99.31	20.18
		For <100, Add	*8.07*	
		For >1,000, Deduct	*-6.98*	

33 42 11 00-0243 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0231)*

33 42 11 00-0244	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	27.99	9.43
		For <100, Add	*3.77*	
		For >1,000, Deduct	*-2.34*	
33 42 11 00-0245	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	32.64	9.77
		For <100, Add	*3.91*	
		For >1,000, Deduct	*-2.61*	
33 42 11 00-0246	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	39.79	10.12
		For <100, Add	*4.05*	
		For >1,000, Deduct	*-3.00*	
33 42 11 00-0247	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	54.80	11.86
		For <100, Add	*4.74*	
		For >1,000, Deduct	*-3.93*	
33 42 11 00-0248	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	79.79	15.96
		For <100, Add	*6.38*	
		For >1,000, Deduct	*-5.59*	
33 42 11 00-0249	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	102.47	20.18
		For <100, Add	*8.07*	
		For >1,000, Deduct	*-7.14*	
33 42 11 00-0250	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	133.70	22.00
		For <100, Add	*8.80*	
		For >1,000, Deduct	*-8.89*	
33 42 11 00-0251	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	145.77	24.83
		For <100, Add	*9.93*	
		For >1,000, Deduct	*-9.77*	

33 42 11 00-0252 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0209)*

Note: Excludes couplings and gaskets.

33 42 11 00-0253 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0252)*

33 42 11 00-0254	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	57.78	21.86
33 42 11 00-0255	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	72.49	25.50
33 42 11 00-0256	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	116.44	30.97
33 42 11 00-0257	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	177.09	38.26
33 42 11 00-0258	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	278.55	45.55
33 42 11 00-0259	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	392.87	59.51
33 42 11 00-0260	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	564.66	80.15
33 42 11 00-0261	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	723.01	91.49
33 42 11 00-0262	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,260.18	105.66
33 42 11 00-0263	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,617.67	122.06
33 42 11 00-0264	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,689.67	145.74
33 42 11 00-0265	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	3,375.40	173.07

33 42 11 00-0266 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0252)*

33 42 11 00-0267	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	84.08	21.86
33 42 11 00-0268	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	101.35	25.50
33 42 11 00-0269	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	134.66	30.97
33 42 11 00-0270	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	197.18	38.26
33 42 11 00-0271	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	343.17	45.55
33 42 11 00-0272	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	373.04	59.51
33 42 11 00-0273	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	526.10	80.15

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0274		22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0252)*		
33 42 11 00-0275	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	35.22	14.58
33 42 11 00-0276	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	43.40	17.00
33 42 11 00-0277	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	63.04	20.65
33 42 11 00-0278	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	79.31	25.50
33 42 11 00-0279	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	114.63	30.37
33 42 11 00-0280	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	180.49	38.86
33 42 11 00-0281	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	239.34	53.44
33 42 11 00-0282	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	451.51	60.72
33 42 11 00-0283	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	626.44	70.44
33 42 11 00-0284	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	734.02	81.37
33 42 11 00-0285	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	937.60	97.16
33 42 11 00-0286	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,266.47	115.37
33 42 11 00-0287		45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0252)*		
33 42 11 00-0288	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	38.10	14.58
33 42 11 00-0289	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	49.39	17.00
33 42 11 00-0290	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	66.10	20.65
33 42 11 00-0291	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	104.21	25.50
33 42 11 00-0292	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	114.63	30.37
33 42 11 00-0293	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	179.99	38.86
33 42 11 00-0294	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	279.49	53.44
33 42 11 00-0295	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	482.53	60.72
33 42 11 00-0296	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	627.92	70.44
33 42 11 00-0297	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	800.88	81.37
33 42 11 00-0298	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,195.64	97.16
33 42 11 00-0299	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,497.74	115.37
33 42 11 00-0300		Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0299)*		
		Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0301		Couplings, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0300)*		
33 42 11 00-0302	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.72	
33 42 11 00-0303	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	3.08	
33 42 11 00-0304	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.74	
33 42 11 00-0305	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	5.83	
33 42 11 00-0306	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	6.27	
33 42 11 00-0307	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.93	
33 42 11 00-0308	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	13.21	
33 42 11 00-0309	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	21.02	
33 42 11 00-0310	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	32.28	
33 42 11 00-0311	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	42.23	
33 42 11 00-0312	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	66.39	
33 42 11 00-0313	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	89.80	
33 42 11 00-0314		Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0300)*		
33 42 11 00-0315	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	90.92	
33 42 11 00-0316	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	95.20	
33 42 11 00-0317	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	99.68	
33 42 11 00-0318	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	104.37	
33 42 11 00-0319	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	123.79	
33 42 11 00-0320	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	127.81	
33 42 11 00-0321	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	133.31	
33 42 11 00-0322	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	151.84	
33 42 11 00-0323	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	243.41	
33 42 11 00-0324	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	266.61	
33 42 11 00-0325	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	290.50	
33 42 11 00-0326	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	352.81	
33 42 11 00-0327		End Caps, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0300)*		
33 42 11 00-0328	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	31.54	
33 42 11 00-0329	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	36.98	
33 42 11 00-0330	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	59.63	
33 42 11 00-0331	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	101.10	
33 42 11 00-0332	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	117.58	
33 42 11 00-0333	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	158.77	
33 42 11 00-0334	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	164.61	
33 42 11 00-0335		Vitrified Clay Piping *(33 42 11)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-0336 Extra Strength Vitrified Clay Piping *(33 42 11 00-0335)*

33 42 11 00-0337 Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0336)*
Note: ASTM C700.

33 42 11 00-0338	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	19.67	
		For 3' Lengths, Add	*1.68*	
		For 2' Lengths, Add	*2.24*	
		For Standard Strength, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.98*	
33 42 11 00-0339	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	32.68	
		For 3' Lengths, Add	*2.60*	
		For 2' Lengths, Add	*3.47*	
		For Standard Strength, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.63*	
33 42 11 00-0340	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	39.06	
		For 3' Lengths, Add	*3.72*	
		For 2' Lengths, Add	*4.96*	
		For Standard Strength, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.95*	
33 42 11 00-0341	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	46.65	
		For 3' Lengths, Add	*5.70*	
		For 2' Lengths, Add	*7.60*	
		For Standard Strength, Deduct	*-1.90*	
		For >1,000, Deduct	*-2.33*	
33 42 11 00-0342	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	56.99	
		For 3' Lengths, Add	*8.04*	
		For 2' Lengths, Add	*10.72*	
		For Standard Strength, Deduct	*-2.68*	
		For >1,000, Deduct	*-2.85*	
33 42 11 00-0343	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	83.85	
		For 3' Lengths, Add	*15.08*	
		For 2' Lengths, Add	*20.11*	
		For Standard Strength, Deduct	*-5.03*	
		For >1,000, Deduct	*-4.19*	
33 42 11 00-0344	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	113.93	
		For 3' Lengths, Add	*21.62*	
		For 2' Lengths, Add	*28.82*	
		For Standard Strength, Deduct	*-7.21*	
		For >1,000, Deduct	*-5.70*	
33 42 11 00-0345	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	168.25	
		For 3' Lengths, Add	*34.63*	
		For 2' Lengths, Add	*46.18*	
		For Standard Strength, Deduct	*-11.54*	
		For >1,000, Deduct	*-8.41*	
33 42 11 00-0346	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	214.93	
		For 3' Lengths, Add	*45.24*	
		For 2' Lengths, Add	*60.32*	
		For Standard Strength, Deduct	*-15.08*	
		For >1,000, Deduct	*-10.75*	
33 42 11 00-0347	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	265.91	
		For 3' Lengths, Add	*56.42*	
		For 2' Lengths, Add	*75.22*	
		For Standard Strength, Deduct	*-18.81*	
		For >1,000, Deduct	*-13.30*	
33 42 11 00-0348	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	321.70	
		For 3' Lengths, Add	*68.15*	
		For 2' Lengths, Add	*90.86*	
		For Standard Strength, Deduct	*-22.72*	
		For >1,000, Deduct	*-16.09*	

33 42 11 00-0349 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0336)*
Note: ASTM C425.

33 42 11 00-0350	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	27.92	
		For 3' Lengths, Add	*1.98*	
		For 2' Lengths, Add	*2.64*	
		For Standard Strength, Deduct	*-0.66*	
		For >1,000, Deduct	*-1.40*	
33 42 11 00-0351	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	34.76	
		For 3' Lengths, Add	*3.23*	
		For 2' Lengths, Add	*4.30*	
		For Standard Strength, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.74*	
33 42 11 00-0352	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	41.85	
		For 3' Lengths, Add	*4.56*	
		For 2' Lengths, Add	*6.08*	
		For Standard Strength, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.09*	
33 42 11 00-0353	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	52.61	
		For 3' Lengths, Add	*7.49*	
		For 2' Lengths, Add	*9.98*	
		For Standard Strength, Deduct	*-2.50*	
		For >1,000, Deduct	*-2.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0354	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	62.95	
		For 3' Lengths, Add	*9.83*	
		For 2' Lengths, Add	*13.11*	
		For Standard Strength, Deduct	*-3.28*	
		For >1,000, Deduct	*-3.15*	
33 42 11 00-0355	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	93.35	
		For 3' Lengths, Add	*17.93*	
		For 2' Lengths, Add	*23.91*	
		For Standard Strength, Deduct	*-5.98*	
		For >1,000, Deduct	*-4.67*	
33 42 11 00-0356	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	129.38	
		For 3' Lengths, Add	*26.25*	
		For 2' Lengths, Add	*35.00*	
		For Standard Strength, Deduct	*-8.75*	
		For >1,000, Deduct	*-6.47*	
33 42 11 00-0357	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	185.94	
		For 3' Lengths, Add	*39.94*	
		For 2' Lengths, Add	*53.25*	
		For Standard Strength, Deduct	*-13.31*	
		For >1,000, Deduct	*-9.30*	
33 42 11 00-0358	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	242.86	
		For 3' Lengths, Add	*53.62*	
		For 2' Lengths, Add	*71.50*	
		For Standard Strength, Deduct	*-17.87*	
		For >1,000, Deduct	*-12.14*	
33 42 11 00-0359	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	388.80	
		For 3' Lengths, Add	*93.28*	
		For 2' Lengths, Add	*124.38*	
		For Standard Strength, Deduct	*-31.09*	
		For >1,000, Deduct	*-19.44*	
33 42 11 00-0360	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	552.58	
		For 3' Lengths, Add	*137.41*	
		For 2' Lengths, Add	*183.21*	
		For Standard Strength, Deduct	*-45.80*	
		For >1,000, Deduct	*-27.63*	
33 42 11 00-0361		Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0335)*		
33 42 11 00-0362		1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0361)*		
33 42 11 00-0363		Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0362)*		
33 42 11 00-0364	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	82.11	
33 42 11 00-0365	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	110.80	
33 42 11 00-0366	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	158.21	
33 42 11 00-0367	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	216.96	
33 42 11 00-0368	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	286.56	
33 42 11 00-0369	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	683.82	
33 42 11 00-0370	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	964.41	
33 42 11 00-0371	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,504.54	
33 42 11 00-0372	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,736.50	
33 42 11 00-0373	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,016.58	
33 42 11 00-0374	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	3,024.80	
33 42 11 00-0375		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0362)*		
33 42 11 00-0376	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	92.84	
33 42 11 00-0377	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	131.90	
33 42 11 00-0378	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	178.55	
33 42 11 00-0379	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	238.70	
33 42 11 00-0380	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	302.90	
33 42 11 00-0381	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	767.15	
33 42 11 00-0382	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,115.91	
33 42 11 00-0383	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,147.41	
33 42 11 00-0384	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,223.72	
33 42 11 00-0385	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,476.72	
33 42 11 00-0386	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	3,677.46	
33 42 11 00-0387		1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0361)*		
33 42 11 00-0388		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0387)*		
33 42 11 00-0389	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	96.18	
33 42 11 00-0390	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	127.76	
33 42 11 00-0391	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	178.05	
33 42 11 00-0392	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	238.38	
33 42 11 00-0393	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	310.70	
33 42 11 00-0394	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	710.67	
33 42 11 00-0395	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	997.90	
33 42 11 00-0396	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,546.78	
33 42 11 00-0397	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,787.80	
33 42 11 00-0398	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,080.55	
33 42 11 00-0399	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,095.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0400		**Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay** *(33 42 11 00-0387)*		
33 42 11 00-0401	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	109.74	
33 42 11 00-0402	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	152.25	
33 42 11 00-0403	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	202.36	
33 42 11 00-0404	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	264.41	
33 42 11 00-0405	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	331.87	
33 42 11 00-0406	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	799.38	
33 42 11 00-0407	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,156.10	
33 42 11 00-0408	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,241.82	
33 42 11 00-0409	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,285.28	
33 42 11 00-0410	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,553.48	
33 42 11 00-0411	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	3,762.80	
33 42 11 00-0412		**Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0361)*		
33 42 11 00-0413		**Plain End Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0412)*		
33 42 11 00-0414	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	105.83	
33 42 11 00-0415	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	138.03	
33 42 11 00-0416	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	187.32	
33 42 11 00-0417	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	246.67	
33 42 11 00-0418	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	311.65	
33 42 11 00-0419	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	718.13	
33 42 11 00-0420	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,004.69	
33 42 11 00-0421	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,451.25	
33 42 11 00-0422	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,019.05	
33 42 11 00-0423	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,137.51	
33 42 11 00-0424	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,072.86	
33 42 11 00-0425		**Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay** *(33 42 11 00-0412)*		
33 42 11 00-0426	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	129.26	
33 42 11 00-0427	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	177.02	
33 42 11 00-0428	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	232.85	
33 42 11 00-0429	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	300.21	
33 42 11 00-0430	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	374.34	
33 42 11 00-0431	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	873.51	
33 42 11 00-0432	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,258.50	
33 42 11 00-0433	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,867.84	
33 42 11 00-0434	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,474.28	
33 42 11 00-0435	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,862.45	
33 42 11 00-0436	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,061.98	
33 42 11 00-0437		**Corrugated Metal Piping** *(33 42 11)*		
33 42 11 00-0438		**Galvanized Corrugated Steel Piping** *(33 42 11 00-0437)*		
33 42 11 00-0439		**2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0438)*		
33 42 11 00-0440		**16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0439)*		
33 42 11 00-0441	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	33.51	9.67
		For Bituminous Coated Pipe, Add	*3.24*	
		For Bituminous Coated And 25% Paved, Add	*6.63*	
		For Smooth-Flo, Add	*11.85*	
33 42 11 00-0442	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	37.69	10.14
		For Bituminous Coated Pipe, Add	*4.08*	
		For Bituminous Coated And 25% Paved, Add	*8.35*	
		For Smooth-Flo, Add	*14.91*	
33 42 11 00-0443	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	42.00	11.06
		For Bituminous Coated Pipe, Add	*4.94*	
		For Bituminous Coated And 25% Paved, Add	*10.11*	
		For Smooth-Flo, Add	*18.06*	
33 42 11 00-0444	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	47.72	11.98
		For Bituminous Coated Pipe, Add	*5.91*	
		For Bituminous Coated And 25% Paved, Add	*12.10*	
		For Smooth-Flo, Add	*21.60*	
33 42 11 00-0445	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	52.78	12.90
		For Bituminous Coated Pipe, Add	*6.66*	
		For Bituminous Coated And 25% Paved, Add	*13.61*	
		For Smooth-Flo, Add	*24.31*	
33 42 11 00-0446	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	69.70	16.59
		For Bituminous Coated Pipe, Add	*8.63*	
		For Bituminous Coated And 25% Paved, Add	*17.66*	
		For Smooth-Flo, Add	*31.54*	
33 42 11 00-0447	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	91.18	21.76
		For Bituminous Coated Pipe, Add	*10.89*	
		For Bituminous Coated And 25% Paved, Add	*22.28*	
		For Smooth-Flo, Add	*39.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0448	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	103.61	25.72
		For Bituminous Coated Pipe, Add	*12.89*	
		For Bituminous Coated And 25% Paved, Add	*26.36*	
		For Smooth-Flo, Add	*47.07*	
33 42 11 00-0449	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	116.47	29.67
		For Bituminous Coated Pipe, Add	*14.44*	
		For Bituminous Coated And 25% Paved, Add	*29.53*	
		For Smooth-Flo, Add	*52.73*	
33 42 11 00-0450		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0439)*		
33 42 11 00-0451	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	36.40	9.67
		For Bituminous Coated Pipe, Add	*3.29*	
		For Bituminous Coated And 25% Paved, Add	*7.62*	
		For Smooth-Flo, Add	*15.41*	
33 42 11 00-0452	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	41.25	10.14
		For Bituminous Coated Pipe, Add	*4.13*	
		For Bituminous Coated And 25% Paved, Add	*9.56*	
		For Smooth-Flo, Add	*19.33*	
33 42 11 00-0453	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	46.31	11.06
		For Bituminous Coated Pipe, Add	*5.00*	
		For Bituminous Coated And 25% Paved, Add	*11.58*	
		For Smooth-Flo, Add	*23.40*	
33 42 11 00-0454	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	52.70	11.98
		For Bituminous Coated Pipe, Add	*5.94*	
		For Bituminous Coated And 25% Paved, Add	*13.77*	
		For Smooth-Flo, Add	*27.83*	
33 42 11 00-0455	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	58.57	12.90
		For Bituminous Coated Pipe, Add	*6.72*	
		For Bituminous Coated And 25% Paved, Add	*15.58*	
		For Smooth-Flo, Add	*31.49*	
33 42 11 00-0456	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	76.77	16.59
		For Bituminous Coated Pipe, Add	*8.64*	
		For Bituminous Coated And 25% Paved, Add	*20.01*	
		For Smooth-Flo, Add	*40.44*	
33 42 11 00-0457	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	99.76	21.76
		For Bituminous Coated Pipe, Add	*10.83*	
		For Bituminous Coated And 25% Paved, Add	*25.08*	
		For Smooth-Flo, Add	*50.70*	
33 42 11 00-0458	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	113.44	25.72
		For Bituminous Coated Pipe, Add	*12.74*	
		For Bituminous Coated And 25% Paved, Add	*29.52*	
		For Smooth-Flo, Add	*59.67*	
33 42 11 00-0459	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	127.71	29.67
		For Bituminous Coated Pipe, Add	*14.32*	
		For Bituminous Coated And 25% Paved, Add	*33.18*	
		For Smooth-Flo, Add	*67.06*	
33 42 11 00-0460	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	152.36	33.63
		For Bituminous Coated Pipe, Add	*17.61*	
		For Bituminous Coated And 25% Paved, Add	*40.80*	
		For Smooth-Flo, Add	*82.48*	
33 42 11 00-0461		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0439)*		
33 42 11 00-0462	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	55.23	11.06
		For Bituminous Coated Pipe, Add	*5.72*	
		For Bituminous Coated And 25% Paved, Add	*10.33*	
		For Smooth-Flo, Add	*19.86*	
33 42 11 00-0463	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	63.07	11.98
		For Bituminous Coated Pipe, Add	*6.76*	
		For Bituminous Coated And 25% Paved, Add	*12.22*	
		For Smooth-Flo, Add	*23.48*	
33 42 11 00-0464	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	70.39	11.98
		For Bituminous Coated Pipe, Add	*7.67*	
		For Bituminous Coated And 25% Paved, Add	*13.85*	
		For Smooth-Flo, Add	*26.61*	
33 42 11 00-0465	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	91.38	16.59
		For Bituminous Coated Pipe, Add	*9.75*	
		For Bituminous Coated And 25% Paved, Add	*17.61*	
		For Smooth-Flo, Add	*33.84*	
33 42 11 00-0466	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	117.10	21.76
		For Bituminous Coated Pipe, Add	*12.06*	
		For Bituminous Coated And 25% Paved, Add	*21.78*	
		For Smooth-Flo, Add	*41.85*	
33 42 11 00-0467	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	133.47	25.72
		For Bituminous Coated Pipe, Add	*14.13*	
		For Bituminous Coated And 25% Paved, Add	*25.51*	
		For Smooth-Flo, Add	*49.03*	
33 42 11 00-0468	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	150.67	29.67
		For Bituminous Coated Pipe, Add	*15.95*	
		For Bituminous Coated And 25% Paved, Add	*28.81*	
		For Smooth-Flo, Add	*55.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0469	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	177.71	33.63
		For Bituminous Coated Pipe, Add	*19.13*	
		For Bituminous Coated And 25% Paved, Add	*34.55*	
		For Smooth-Flo, Add	*66.40*	
33 42 11 00-0470	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	194.27	35.61
		For Bituminous Coated Pipe, Add	*20.95*	
		For Bituminous Coated And 25% Paved, Add	*37.83*	
		For Smooth-Flo, Add	*72.71*	
33 42 11 00-0471	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	235.26	43.52
		For Bituminous Coated Pipe, Add	*25.51*	
		For Bituminous Coated And 25% Paved, Add	*46.06*	
		For Smooth-Flo, Add	*88.52*	
33 42 11 00-0472		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0439)*		
33 42 11 00-0473	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	133.32	21.76
		For Bituminous Coated Pipe, Add	*15.34*	
		For Bituminous Coated And 25% Paved, Add	*25.62*	
		For Smooth-Flo, Add	*36.56*	
33 42 11 00-0474	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	152.46	25.72
		For Bituminous Coated Pipe, Add	*17.97*	
		For Bituminous Coated And 25% Paved, Add	*30.02*	
		For Smooth-Flo, Add	*42.83*	
33 42 11 00-0475	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	172.22	29.67
		For Bituminous Coated Pipe, Add	*20.31*	
		For Bituminous Coated And 25% Paved, Add	*33.93*	
		For Smooth-Flo, Add	*48.41*	
33 42 11 00-0476	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	201.84	33.63
		For Bituminous Coated Pipe, Add	*24.05*	
		For Bituminous Coated And 25% Paved, Add	*40.18*	
		For Smooth-Flo, Add	*57.33*	
33 42 11 00-0477	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	221.13	35.61
		For Bituminous Coated Pipe, Add	*26.42*	
		For Bituminous Coated And 25% Paved, Add	*44.13*	
		For Smooth-Flo, Add	*62.97*	
33 42 11 00-0478	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	264.78	43.52
		For Bituminous Coated Pipe, Add	*31.60*	
		For Bituminous Coated And 25% Paved, Add	*52.79*	
		For Smooth-Flo, Add	*75.33*	
33 42 11 00-0479	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	318.70	63.32
		For Bituminous Coated Pipe, Add	*33.93*	
		For Bituminous Coated And 25% Paved, Add	*56.68*	
		For Smooth-Flo, Add	*80.88*	
33 42 11 00-0480		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0438)*		
33 42 11 00-0481		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0480)*		
33 42 11 00-0482	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	106.06	21.76
		For Bituminous Coated Pipe, Add	*11.98*	
		For Bituminous Coated And 25% Paved, Add	*27.19*	
		For Smooth-Flo, Add	*54.14*	
33 42 11 00-0483	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	120.68	25.72
		For Bituminous Coated Pipe, Add	*14.06*	
		For Bituminous Coated And 25% Paved, Add	*31.93*	
		For Smooth-Flo, Add	*63.57*	
33 42 11 00-0484	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	135.69	29.67
		For Bituminous Coated Pipe, Add	*15.77*	
		For Bituminous Coated And 25% Paved, Add	*35.81*	
		For Smooth-Flo, Add	*71.30*	
33 42 11 00-0485	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	161.51	33.63
		For Bituminous Coated Pipe, Add	*19.27*	
		For Bituminous Coated And 25% Paved, Add	*43.74*	
		For Smooth-Flo, Add	*87.09*	
33 42 11 00-0486	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	175.99	35.61
		For Bituminous Coated Pipe, Add	*20.99*	
		For Bituminous Coated And 25% Paved, Add	*47.65*	
		For Smooth-Flo, Add	*94.88*	
33 42 11 00-0487	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	220.04	43.52
		For Bituminous Coated Pipe, Add	*26.96*	
		For Bituminous Coated And 25% Paved, Add	*61.21*	
		For Smooth-Flo, Add	*121.88*	
33 42 11 00-0488	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	269.62	63.32
		For Bituminous Coated Pipe, Add	*28.74*	
		For Bituminous Coated And 25% Paved, Add	*65.24*	
		For Smooth-Flo, Add	*129.91*	
33 42 11 00-0489	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	291.12	69.25
		For Bituminous Coated Pipe, Add	*30.53*	
		For Bituminous Coated And 25% Paved, Add	*69.29*	
		For Smooth-Flo, Add	*137.98*	
33 42 11 00-0490	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	309.93	74.19
		For Bituminous Coated Pipe, Add	*32.31*	
		For Bituminous Coated And 25% Paved, Add	*73.34*	
		For Smooth-Flo, Add	*146.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0491	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	328.77	79.14
		For Bituminous Coated Pipe, Add	*34.10*	
		For Bituminous Coated And 25% Paved, Add	*77.41*	
		For Smooth-Flo, Add	*154.13*	
33 42 11 00-0492	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	348.29	84.08
		For Bituminous Coated Pipe, Add	*35.88*	
		For Bituminous Coated And 25% Paved, Add	*81.44*	
		For Smooth-Flo, Add	*162.17*	
33 42 11 00-0493	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	370.61	89.03
		For Bituminous Coated Pipe, Add	*37.68*	
		For Bituminous Coated And 25% Paved, Add	*85.52*	
		For Smooth-Flo, Add	*170.30*	
33 42 11 00-0494		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0480)*		
33 42 11 00-0495	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	176.70	33.63
		For Bituminous Coated Pipe, Add	*22.31*	
		For Bituminous Coated And 25% Paved, Add	*43.72*	
		For Smooth-Flo, Add	*88.33*	
33 42 11 00-0496	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	192.79	35.61
		For Bituminous Coated Pipe, Add	*24.35*	
		For Bituminous Coated And 25% Paved, Add	*47.73*	
		For Smooth-Flo, Add	*96.43*	
33 42 11 00-0497	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	238.52	43.52
		For Bituminous Coated Pipe, Add	*30.66*	
		For Bituminous Coated And 25% Paved, Add	*60.09*	
		For Smooth-Flo, Add	*121.41*	
33 42 11 00-0498	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	289.75	63.32
		For Bituminous Coated Pipe, Add	*32.77*	
		For Bituminous Coated And 25% Paved, Add	*64.23*	
		For Smooth-Flo, Add	*129.76*	
33 42 11 00-0499	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	312.86	69.25
		For Bituminous Coated Pipe, Add	*34.87*	
		For Bituminous Coated And 25% Paved, Add	*68.35*	
		For Smooth-Flo, Add	*138.10*	
33 42 11 00-0500	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	333.39	74.19
		For Bituminous Coated Pipe, Add	*37.00*	
		For Bituminous Coated And 25% Paved, Add	*72.52*	
		For Smooth-Flo, Add	*146.53*	
33 42 11 00-0501	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	353.82	79.14
		For Bituminous Coated Pipe, Add	*39.11*	
		For Bituminous Coated And 25% Paved, Add	*76.66*	
		For Smooth-Flo, Add	*154.88*	
33 42 11 00-0502	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	374.98	84.08
		For Bituminous Coated Pipe, Add	*41.22*	
		For Bituminous Coated And 25% Paved, Add	*80.78*	
		For Smooth-Flo, Add	*163.22*	
33 42 11 00-0503	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	398.92	89.03
		For Bituminous Coated Pipe, Add	*43.34*	
		For Bituminous Coated And 25% Paved, Add	*84.94*	
		For Smooth-Flo, Add	*171.62*	
33 42 11 00-0504	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	425.14	98.93
		For Bituminous Coated Pipe, Add	*45.46*	
		For Bituminous Coated And 25% Paved, Add	*89.10*	
		For Smooth-Flo, Add	*180.01*	
33 42 11 00-0505	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	450.76	108.82
		For Bituminous Coated Pipe, Add	*47.54*	
		For Bituminous Coated And 25% Paved, Add	*93.17*	
		For Smooth-Flo, Add	*188.25*	
33 42 11 00-0506		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0480)*		
33 42 11 00-0507	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	230.05	35.61
		For Bituminous Coated Pipe, Add	*31.80*	
		For Bituminous Coated And 25% Paved, Add	*60.59*	
		For Smooth-Flo, Add	*98.75*	
33 42 11 00-0508	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	279.79	43.52
		For Bituminous Coated Pipe, Add	*38.91*	
		For Bituminous Coated And 25% Paved, Add	*74.13*	
		For Smooth-Flo, Add	*120.83*	
33 42 11 00-0509	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	334.62	63.32
		For Bituminous Coated Pipe, Add	*41.74*	
		For Bituminous Coated And 25% Paved, Add	*79.52*	
		For Smooth-Flo, Add	*129.61*	
33 42 11 00-0510	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	361.37	69.25
		For Bituminous Coated Pipe, Add	*44.58*	
		For Bituminous Coated And 25% Paved, Add	*84.92*	
		For Smooth-Flo, Add	*138.41*	
33 42 11 00-0511	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	385.50	74.19
		For Bituminous Coated Pipe, Add	*47.42*	
		For Bituminous Coated And 25% Paved, Add	*90.34*	
		For Smooth-Flo, Add	*147.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0512	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	409.56	79.14
		For Bituminous Coated Pipe, Add	*50.26*	
		For Bituminous Coated And 25% Paved, Add	*95.74*	
		For Smooth-Flo, Add	*156.05*	
33 42 11 00-0513	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	434.40	84.08
		For Bituminous Coated Pipe, Add	*53.10*	
		For Bituminous Coated And 25% Paved, Add	*101.16*	
		For Smooth-Flo, Add	*164.88*	
33 42 11 00-0514	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	461.97	89.03
		For Bituminous Coated Pipe, Add	*55.95*	
		For Bituminous Coated And 25% Paved, Add	*106.58*	
		For Smooth-Flo, Add	*173.72*	
33 42 11 00-0515	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	491.76	98.93
		For Bituminous Coated Pipe, Add	*58.78*	
		For Bituminous Coated And 25% Paved, Add	*111.98*	
		For Smooth-Flo, Add	*182.52*	
33 42 11 00-0516	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	521.05	108.82
		For Bituminous Coated Pipe, Add	*61.60*	
		For Bituminous Coated And 25% Paved, Add	*117.34*	
		For Smooth-Flo, Add	*191.26*	
33 42 11 00-0517	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	549.26	118.71
		For Bituminous Coated Pipe, Add	*64.44*	
		For Bituminous Coated And 25% Paved, Add	*122.77*	
		For Smooth-Flo, Add	*200.10*	
33 42 11 00-0518		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0480)*		
33 42 11 00-0519	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	376.46	63.32
		For Bituminous Coated Pipe, Add	*50.11*	
		For Bituminous Coated And 25% Paved, Add	*95.21*	
		For Smooth-Flo, Add	*127.28*	
33 42 11 00-0520	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	406.65	69.25
		For Bituminous Coated Pipe, Add	*53.63*	
		For Bituminous Coated And 25% Paved, Add	*101.90*	
		For Smooth-Flo, Add	*136.23*	
33 42 11 00-0521	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	434.21	74.19
		For Bituminous Coated Pipe, Add	*57.17*	
		For Bituminous Coated And 25% Paved, Add	*108.62*	
		For Smooth-Flo, Add	*145.20*	
33 42 11 00-0522	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	461.71	79.14
		For Bituminous Coated Pipe, Add	*60.69*	
		For Bituminous Coated And 25% Paved, Add	*115.31*	
		For Smooth-Flo, Add	*154.15*	
33 42 11 00-0523	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	489.98	84.08
		For Bituminous Coated Pipe, Add	*64.22*	
		For Bituminous Coated And 25% Paved, Add	*122.01*	
		For Smooth-Flo, Add	*163.11*	
33 42 11 00-0524	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	520.98	89.03
		For Bituminous Coated Pipe, Add	*67.75*	
		For Bituminous Coated And 25% Paved, Add	*128.73*	
		For Smooth-Flo, Add	*172.09*	
33 42 11 00-0525	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	554.21	98.93
		For Bituminous Coated Pipe, Add	*71.27*	
		For Bituminous Coated And 25% Paved, Add	*135.42*	
		For Smooth-Flo, Add	*181.03*	
33 42 11 00-0526	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	586.90	108.82
		For Bituminous Coated Pipe, Add	*74.77*	
		For Bituminous Coated And 25% Paved, Add	*142.06*	
		For Smooth-Flo, Add	*189.91*	
33 42 11 00-0527	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	618.57	118.71
		For Bituminous Coated Pipe, Add	*78.31*	
		For Bituminous Coated And 25% Paved, Add	*148.78*	
		For Smooth-Flo, Add	*198.90*	
33 42 11 00-0528	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	652.05	128.60
		For Bituminous Coated Pipe, Add	*81.81*	
		For Bituminous Coated And 25% Paved, Add	*155.45*	
		For Smooth-Flo, Add	*207.81*	
33 42 11 00-0529	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	688.06	138.49
		For Bituminous Coated Pipe, Add	*85.35*	
		For Bituminous Coated And 25% Paved, Add	*162.17*	
		For Smooth-Flo, Add	*216.79*	
33 42 11 00-0530	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	727.09	148.38
		For Bituminous Coated Pipe, Add	*88.89*	
		For Bituminous Coated And 25% Paved, Add	*168.89*	
		For Smooth-Flo, Add	*225.78*	
33 42 11 00-0531		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0438)*		
33 42 11 00-0532		16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0531)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0533	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	136.13	29.67
		For Bituminous Coated Pipe, Add	*19.83*	
		For Bituminous Coated And 25% Paved, Add	*45.21*	
		For Smooth-Flo, Add	*71.78*	
33 42 11 00-0534	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	162.36	33.63
		For Bituminous Coated Pipe, Add	*24.30*	
		For Bituminous Coated And 25% Paved, Add	*55.40*	
		For Smooth-Flo, Add	*87.96*	
33 42 11 00-0535	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	176.73	35.61
		For Bituminous Coated Pipe, Add	*26.43*	
		For Bituminous Coated And 25% Paved, Add	*60.25*	
		For Smooth-Flo, Add	*95.66*	
33 42 11 00-0536	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	218.29	43.52
		For Bituminous Coated Pipe, Add	*33.27*	
		For Bituminous Coated And 25% Paved, Add	*75.85*	
		For Smooth-Flo, Add	*120.43*	
33 42 11 00-0537	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	267.66	63.32
		For Bituminous Coated Pipe, Add	*35.44*	
		For Bituminous Coated And 25% Paved, Add	*80.80*	
		For Smooth-Flo, Add	*128.28*	
33 42 11 00-0538	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	288.90	69.25
		For Bituminous Coated Pipe, Add	*37.60*	
		For Bituminous Coated And 25% Paved, Add	*85.73*	
		For Smooth-Flo, Add	*136.12*	
33 42 11 00-0539	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	307.40	74.19
		For Bituminous Coated Pipe, Add	*39.76*	
		For Bituminous Coated And 25% Paved, Add	*90.64*	
		For Smooth-Flo, Add	*143.91*	
33 42 11 00-0540	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	325.88	79.14
		For Bituminous Coated Pipe, Add	*41.90*	
		For Bituminous Coated And 25% Paved, Add	*95.54*	
		For Smooth-Flo, Add	*151.69*	
33 42 11 00-0541	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	345.23	84.08
		For Bituminous Coated Pipe, Add	*44.08*	
		For Bituminous Coated And 25% Paved, Add	*100.51*	
		For Smooth-Flo, Add	*159.58*	
33 42 11 00-0542	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	367.48	89.03
		For Bituminous Coated Pipe, Add	*46.31*	
		For Bituminous Coated And 25% Paved, Add	*105.59*	
		For Smooth-Flo, Add	*167.65*	

33 42 11 00-0543 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0531)*

33 42 11 00-0544	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	181.34	33.63
		For Bituminous Coated Pipe, Add	*23.23*	
		For Bituminous Coated And 25% Paved, Add	*54.60*	
		For Smooth-Flo, Add	*98.86*	
33 42 11 00-0545	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	197.84	35.61
		For Bituminous Coated Pipe, Add	*25.36*	
		For Bituminous Coated And 25% Paved, Add	*59.60*	
		For Smooth-Flo, Add	*107.92*	
33 42 11 00-0546	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	241.32	43.52
		For Bituminous Coated Pipe, Add	*31.22*	
		For Bituminous Coated And 25% Paved, Add	*73.37*	
		For Smooth-Flo, Add	*132.84*	
33 42 11 00-0547	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	292.54	63.32
		For Bituminous Coated Pipe, Add	*33.33*	
		For Bituminous Coated And 25% Paved, Add	*78.32*	
		For Smooth-Flo, Add	*141.80*	
33 42 11 00-0548	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	316.03	69.25
		For Bituminous Coated Pipe, Add	*35.51*	
		For Bituminous Coated And 25% Paved, Add	*83.44*	
		For Smooth-Flo, Add	*151.09*	
33 42 11 00-0549	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	336.66	74.19
		For Bituminous Coated Pipe, Add	*37.66*	
		For Bituminous Coated And 25% Paved, Add	*88.49*	
		For Smooth-Flo, Add	*160.23*	
33 42 11 00-0550	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	356.17	79.14
		For Bituminous Coated Pipe, Add	*39.58*	
		For Bituminous Coated And 25% Paved, Add	*93.01*	
		For Smooth-Flo, Add	*168.41*	
33 42 11 00-0551	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	378.59	84.08
		For Bituminous Coated Pipe, Add	*41.94*	
		For Bituminous Coated And 25% Paved, Add	*98.55*	
		For Smooth-Flo, Add	*178.45*	
33 42 11 00-0552	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	402.62	89.03
		For Bituminous Coated Pipe, Add	*44.08*	
		For Bituminous Coated And 25% Paved, Add	*103.58*	
		For Smooth-Flo, Add	*187.55*	
33 42 11 00-0553	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	428.85	98.93
		For Bituminous Coated Pipe, Add	*46.20*	
		For Bituminous Coated And 25% Paved, Add	*108.57*	
		For Smooth-Flo, Add	*196.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0554	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	454.94	108.82
		For Bituminous Coated Pipe, Add	*48.37*	
		For Bituminous Coated And 25% Paved, Add	*113.68*	
		For Smooth-Flo, Add	*205.83*	

33 42 11 00-0555 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0531)*

33 42 11 00-0556	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	237.36	35.61
		For Bituminous Coated Pipe, Add	*33.27*	
		For Bituminous Coated And 25% Paved, Add	*63.21*	
		For Smooth-Flo, Add	*114.10*	
33 42 11 00-0557	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	284.84	43.52
		For Bituminous Coated Pipe, Add	*39.92*	
		For Bituminous Coated And 25% Paved, Add	*75.86*	
		For Smooth-Flo, Add	*136.94*	
33 42 11 00-0558	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	340.21	63.32
		For Bituminous Coated Pipe, Add	*42.86*	
		For Bituminous Coated And 25% Paved, Add	*81.43*	
		For Smooth-Flo, Add	*147.01*	
33 42 11 00-0559	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	367.36	69.25
		For Bituminous Coated Pipe, Add	*45.77*	
		For Bituminous Coated And 25% Paved, Add	*86.97*	
		For Smooth-Flo, Add	*157.00*	
33 42 11 00-0560	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	391.70	74.19
		For Bituminous Coated Pipe, Add	*48.66*	
		For Bituminous Coated And 25% Paved, Add	*92.46*	
		For Smooth-Flo, Add	*166.92*	
33 42 11 00-0561	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	416.23	79.14
		For Bituminous Coated Pipe, Add	*51.59*	
		For Bituminous Coated And 25% Paved, Add	*98.02*	
		For Smooth-Flo, Add	*176.96*	
33 42 11 00-0562	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	441.40	84.08
		For Bituminous Coated Pipe, Add	*54.50*	
		For Bituminous Coated And 25% Paved, Add	*103.55*	
		For Smooth-Flo, Add	*186.94*	
33 42 11 00-0563	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	469.24	89.03
		For Bituminous Coated Pipe, Add	*57.40*	
		For Bituminous Coated And 25% Paved, Add	*109.06*	
		For Smooth-Flo, Add	*196.89*	
33 42 11 00-0564	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	499.50	98.93
		For Bituminous Coated Pipe, Add	*60.33*	
		For Bituminous Coated And 25% Paved, Add	*114.63*	
		For Smooth-Flo, Add	*206.93*	
33 42 11 00-0565	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	529.27	108.82
		For Bituminous Coated Pipe, Add	*63.24*	
		For Bituminous Coated And 25% Paved, Add	*120.16*	
		For Smooth-Flo, Add	*216.91*	
33 42 11 00-0566	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	557.78	118.71
		For Bituminous Coated Pipe, Add	*66.15*	
		For Bituminous Coated And 25% Paved, Add	*125.68*	
		For Smooth-Flo, Add	*226.89*	

33 42 11 00-0567 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0531)*

33 42 11 00-0568	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	385.86	63.32
		For Bituminous Coated Pipe, Add	*51.99*	
		For Bituminous Coated And 25% Paved, Add	*98.78*	
		For Smooth-Flo, Add	*155.19*	
33 42 11 00-0569	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	417.25	69.25
		For Bituminous Coated Pipe, Add	*55.75*	
		For Bituminous Coated And 25% Paved, Add	*105.93*	
		For Smooth-Flo, Add	*166.42*	
33 42 11 00-0570	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	445.56	74.19
		For Bituminous Coated Pipe, Add	*59.44*	
		For Bituminous Coated And 25% Paved, Add	*112.93*	
		For Smooth-Flo, Add	*177.42*	
33 42 11 00-0571	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	473.69	79.14
		For Bituminous Coated Pipe, Add	*63.08*	
		For Bituminous Coated And 25% Paved, Add	*119.86*	
		For Smooth-Flo, Add	*188.31*	
33 42 11 00-0572	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	502.77	84.08
		For Bituminous Coated Pipe, Add	*66.77*	
		For Bituminous Coated And 25% Paved, Add	*126.87*	
		For Smooth-Flo, Add	*199.32*	
33 42 11 00-0573	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	534.38	89.03
		For Bituminous Coated Pipe, Add	*70.43*	
		For Bituminous Coated And 25% Paved, Add	*133.82*	
		For Smooth-Flo, Add	*210.23*	
33 42 11 00-0574	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	568.41	98.93
		For Bituminous Coated Pipe, Add	*74.11*	
		For Bituminous Coated And 25% Paved, Add	*140.81*	
		For Smooth-Flo, Add	*221.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0575	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	602.01	108.82
		For Bituminous Coated Pipe, Add	*77.79*	
		For Bituminous Coated And 25% Paved, Add	*147.80*	
		For Smooth-Flo, Add	*232.20*	
33 42 11 00-0576	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	634.26	118.71
		For Bituminous Coated Pipe, Add	*81.44*	
		For Bituminous Coated And 25% Paved, Add	*154.74*	
		For Smooth-Flo, Add	*243.11*	
33 42 11 00-0577	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	674.34	128.60
		For Bituminous Coated Pipe, Add	*86.27*	
		For Bituminous Coated And 25% Paved, Add	*163.92*	
		For Smooth-Flo, Add	*257.52*	
33 42 11 00-0578	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	712.56	138.49
		For Bituminous Coated Pipe, Add	*90.25*	
		For Bituminous Coated And 25% Paved, Add	*171.48*	
		For Smooth-Flo, Add	*269.40*	
33 42 11 00-0579	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	754.56	148.38
		For Bituminous Coated Pipe, Add	*94.38*	
		For Bituminous Coated And 25% Paved, Add	*179.33*	
		For Smooth-Flo, Add	*281.74*	

33 42 11 00-0580 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0438)*

33 42 11 00-0581 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0580)*

33 42 11 00-0582	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	47.79	11.06
		For Bituminous Coated Pipe, Add	*6.11*	
33 42 11 00-0583	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	54.52	11.98
		For Bituminous Coated Pipe, Add	*7.28*	
33 42 11 00-0584	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	60.76	12.90
		For Bituminous Coated Pipe, Add	*8.27*	
33 42 11 00-0585	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	79.73	16.59
		For Bituminous Coated Pipe, Add	*10.65*	
33 42 11 00-0586	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	103.46	21.76
		For Bituminous Coated Pipe, Add	*13.35*	
33 42 11 00-0587	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	117.92	25.72
		For Bituminous Coated Pipe, Add	*15.74*	
33 42 11 00-0588	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	132.86	29.67
		For Bituminous Coated Pipe, Add	*17.72*	
33 42 11 00-0589	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	158.32	33.63
		For Bituminous Coated Pipe, Add	*21.70*	
33 42 11 00-0590	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	172.73	35.61
		For Bituminous Coated Pipe, Add	*23.70*	

33 42 11 00-0591 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0580)*

33 42 11 00-0592	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	52.17	11.06
		For Bituminous Coated Pipe, Add	*7.07*	
33 42 11 00-0593	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	59.64	11.98
		For Bituminous Coated Pipe, Add	*8.40*	
33 42 11 00-0594	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	66.58	12.90
		For Bituminous Coated Pipe, Add	*9.54*	
33 42 11 00-0595	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	86.97	16.59
		For Bituminous Coated Pipe, Add	*12.23*	
33 42 11 00-0596	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	112.18	21.76
		For Bituminous Coated Pipe, Add	*15.25*	
33 42 11 00-0597	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	128.12	25.72
		For Bituminous Coated Pipe, Add	*17.96*	
33 42 11 00-0598	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	144.51	29.67
		For Bituminous Coated Pipe, Add	*20.26*	
33 42 11 00-0599	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	171.41	33.63
		For Bituminous Coated Pipe, Add	*24.54*	
33 42 11 00-0600	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	187.30	35.61
		For Bituminous Coated Pipe, Add	*26.86*	
33 42 11 00-0601	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	229.67	43.52
		For Bituminous Coated Pipe, Add	*33.37*	
33 42 11 00-0602	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	280.25	63.32
		For Bituminous Coated Pipe, Add	*35.65*	
33 42 11 00-0603	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	302.90	69.25
		For Bituminous Coated Pipe, Add	*37.98*	

33 42 11 00-0604 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0580)*

33 42 11 00-0605	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	101.65	16.59
		For Bituminous Coated Pipe, Add	*12.78*	
33 42 11 00-0606	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	129.72	21.76
		For Bituminous Coated Pipe, Add	*15.79*	
33 42 11 00-0607	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	148.66	25.72
		For Bituminous Coated Pipe, Add	*18.58*	
33 42 11 00-0608	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	167.94	29.67
		For Bituminous Coated Pipe, Add	*21.00*	
33 42 11 00-0609	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	197.80	33.63
		For Bituminous Coated Pipe, Add	*25.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0610	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	216.66	35.61
		For Bituminous Coated Pipe, Add	*27.52*	
33 42 11 00-0611	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	261.88	43.52
		For Bituminous Coated Pipe, Add	*33.39*	
33 42 11 00-0612	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	315.37	63.32
		For Bituminous Coated Pipe, Add	*35.81*	
33 42 11 00-0613	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	340.91	69.25
		For Bituminous Coated Pipe, Add	*38.26*	
33 42 11 00-0614	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	363.69	74.19
		For Bituminous Coated Pipe, Add	*40.69*	
33 42 11 00-0615	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	386.44	79.14
		For Bituminous Coated Pipe, Add	*43.12*	
33 42 11 00-0616	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	409.93	84.08
		For Bituminous Coated Pipe, Add	*45.55*	
33 42 11 00-0617	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	434.70	89.03
		For Bituminous Coated Pipe, Add	*47.72*	

33 42 11 00-0618 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0438)*

33 42 11 00-0619 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0618)*

33 42 11 00-0620	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	17.43	5.53
		For Bituminous Coated Pipe, Add	*1.56*	
33 42 11 00-0621	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.74	5.53
		For Bituminous Coated Pipe, Add	*1.88*	
33 42 11 00-0622	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	21.84	6.91
		For Bituminous Coated Pipe, Add	*2.07*	
33 42 11 00-0623	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.50	6.91
		For Bituminous Coated Pipe, Add	*2.47*	
33 42 11 00-0624	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	27.60	8.30
		For Bituminous Coated Pipe, Add	*2.59*	
33 42 11 00-0625	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.70	8.30
		For Bituminous Coated Pipe, Add	*3.11*	

33 42 11 00-0626 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0618)*

33 42 11 00-0627	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	17.61	5.53
		For Bituminous Coated Pipe, Add	*1.54*	
33 42 11 00-0628	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.88	5.53
		For Bituminous Coated Pipe, Add	*1.84*	
33 42 11 00-0629	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	22.02	6.91
		For Bituminous Coated Pipe, Add	*2.02*	
33 42 11 00-0630	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.78	6.91
		For Bituminous Coated Pipe, Add	*2.44*	
33 42 11 00-0631	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	27.92	8.30
		For Bituminous Coated Pipe, Add	*2.56*	
33 42 11 00-0632	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	30.07	8.30
		For Bituminous Coated Pipe, Add	*3.07*	

33 42 11 00-0633 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0618)*

33 42 11 00-0634	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	9.64	
		For Bituminous Coated Pipe, Add	*2.17*	
33 42 11 00-0635	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	12.76	
		For Bituminous Coated Pipe, Add	*2.87*	
33 42 11 00-0636	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.65	
		For Bituminous Coated Pipe, Add	*3.52*	
33 42 11 00-0637	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	34.78	
		For Bituminous Coated Pipe, Add	*4.80*	
33 42 11 00-0638	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	8.26	
		For Bituminous Coated Pipe, Add	*1.09*	
33 42 11 00-0639	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	10.38	
		For Bituminous Coated Pipe, Add	*1.64*	

33 42 11 00-0640 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0438)*

33 42 11 00-0641 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0640)*

33 42 11 00-0642	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	52.65	9.67
33 42 11 00-0643	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	61.81	10.14
33 42 11 00-0644	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	71.26	11.06
33 42 11 00-0645	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	82.68	11.98
33 42 11 00-0646	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	92.18	12.90
33 42 11 00-0647	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	120.73	16.59
33 42 11 00-0648	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	155.62	21.76
33 42 11 00-0649	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	179.83	25.72
33 42 11 00-0650	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	201.87	29.67

33 42 11 00-0651 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0640)*

33 42 11 00-0652	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	59.69	9.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0653	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	70.54	10.14
33 42 11 00-0654	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	81.71	11.06
33 42 11 00-0655	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	94.78	11.98
33 42 11 00-0656	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	106.23	12.90
33 42 11 00-0657	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	137.98	16.59
33 42 11 00-0658	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	176.45	21.76
33 42 11 00-0659	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	203.74	25.72
33 42 11 00-0660	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	229.15	29.67
33 42 11 00-0661	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	277.13	33.63
33 42 11 00-0662		**12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0640)*		
33 42 11 00-0663	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	103.49	11.06
33 42 11 00-0664	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	120.21	11.98
33 42 11 00-0665	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	135.15	12.90
33 42 11 00-0666	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	174.11	16.59
33 42 11 00-0667	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	210.94	21.76
33 42 11 00-0668	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	254.27	25.72
33 42 11 00-0669	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	286.82	29.67
33 42 11 00-0670	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	342.93	33.63
33 42 11 00-0671	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	374.72	35.61
33 42 11 00-0672	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	458.76	43.52
33 42 11 00-0673		**10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0640)*		
33 42 11 00-0674	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	259.40	21.76
33 42 11 00-0675	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	300.31	25.72
33 42 11 00-0676	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	339.11	29.67
33 42 11 00-0677	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	401.51	33.63
33 42 11 00-0678	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	439.94	35.61
33 42 11 00-0679	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	530.38	43.52
33 42 11 00-0680	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	603.19	63.32
33 42 11 00-0681		**3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0438)*		
33 42 11 00-0682		**16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0681)*		
33 42 11 00-0683	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	195.61	21.76
33 42 11 00-0684	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	225.94	25.72
33 42 11 00-0685	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	253.57	29.67
33 42 11 00-0686	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	306.53	33.63
33 42 11 00-0687	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	333.78	35.61
33 42 11 00-0688	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	424.48	43.52
33 42 11 00-0689	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	487.26	63.32
33 42 11 00-0690	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	521.91	69.25
33 42 11 00-0691	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	553.95	74.19
33 42 11 00-0692	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	586.01	79.14
33 42 11 00-0693	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	618.72	84.08
33 42 11 00-0694	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	654.31	89.03
33 42 11 00-0695		**14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0681)*		
33 42 11 00-0696	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	344.19	33.63
33 42 11 00-0697	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	375.41	35.61
33 42 11 00-0698	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	470.34	43.52
33 42 11 00-0699	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	537.13	63.32
33 42 11 00-0700	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	575.85	69.25
33 42 11 00-0701	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	612.12	74.19
33 42 11 00-0702	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	648.14	79.14
33 42 11 00-0703	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	684.88	84.08
33 42 11 00-0704	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	724.59	89.03
33 42 11 00-0705	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	766.47	98.93
33 42 11 00-0706	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	807.48	108.82
33 42 11 00-0707		**12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0681)*		
33 42 11 00-0708	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	470.11	35.61
33 42 11 00-0709	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	575.69	43.52
33 42 11 00-0710	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	651.62	63.32
33 42 11 00-0711	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	699.52	69.25
33 42 11 00-0712	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	744.92	74.19
33 42 11 00-0713	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	790.14	79.14
33 42 11 00-0714	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	836.14	84.08
33 42 11 00-0715	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	884.96	89.03
33 42 11 00-0716	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	935.91	98.93
33 42 11 00-0717	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	986.23	108.82
33 42 11 00-0718	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,035.70	118.71

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0719		**10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0681)*		
33 42 11 00-0720	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	755.95	63.32
33 42 11 00-0721	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	812.35	69.25
33 42 11 00-0722	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	866.32	74.19
33 42 11 00-0723	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	920.07	79.14
33 42 11 00-0724	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	974.66	84.08
33 42 11 00-0725	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,032.04	89.03
33 42 11 00-0726	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,091.56	98.93
33 42 11 00-0727	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,150.39	108.82
33 42 11 00-0728	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,208.43	118.71
33 42 11 00-0729	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,268.11	128.60
33 42 11 00-0730	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,330.50	138.49
33 42 11 00-0731	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,395.92	148.38
33 42 11 00-0732		**125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0438)*		
33 42 11 00-0733		**16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0732)*		
33 42 11 00-0734	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	245.45	29.67
33 42 11 00-0735	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	297.59	33.63
33 42 11 00-0736	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	323.54	35.61
33 42 11 00-0737	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	405.46	43.52
33 42 11 00-0738	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	466.67	63.32
33 42 11 00-0739	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	499.70	69.25
33 42 11 00-0740	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	529.91	74.19
33 42 11 00-0741	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	560.03	79.14
33 42 11 00-0742	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	591.21	84.08
33 42 11 00-0743	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	625.67	89.03
33 42 11 00-0744		**14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0732)*		
33 42 11 00-0745	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	342.32	33.63
33 42 11 00-0746	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	373.36	35.61
33 42 11 00-0747	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	459.79	43.52
33 42 11 00-0748	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	525.39	63.32
33 42 11 00-0749	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	563.72	69.25
33 42 11 00-0750	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	598.91	74.19
33 42 11 00-0751	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	631.53	79.14
33 42 11 00-0752	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	669.96	84.08
33 42 11 00-0753	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	708.59	89.03
33 42 11 00-0754	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	749.20	98.93
33 42 11 00-0755	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	790.09	108.82
33 42 11 00-0756		**12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0732)*		
33 42 11 00-0757	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	473.22	35.61
33 42 11 00-0758	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	570.27	43.52
33 42 11 00-0759	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	646.30	63.32
33 42 11 00-0760	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	693.81	69.25
33 42 11 00-0761	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	738.36	74.19
33 42 11 00-0762	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	783.46	79.14
33 42 11 00-0763	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	829.02	84.08
33 42 11 00-0764	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	877.15	89.03
33 42 11 00-0765	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	927.95	98.93
33 42 11 00-0766	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	978.11	108.82
33 42 11 00-0767	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,026.98	118.71
33 42 11 00-0768		**10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0732)*		
33 42 11 00-0769	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	755.90	63.32
33 42 11 00-0770	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	813.61	69.25
33 42 11 00-0771	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	867.76	74.19
33 42 11 00-0772	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	921.47	79.14
33 42 11 00-0773	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	976.32	84.08
33 42 11 00-0774	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,033.61	89.03
33 42 11 00-0775	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,093.39	98.93
33 42 11 00-0776	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,152.74	108.82
33 42 11 00-0777	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,210.65	118.71
33 42 11 00-0778	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,284.52	128.60
33 42 11 00-0779	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,350.66	138.49
33 42 11 00-0780	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,421.60	148.38
33 42 11 00-0781		**Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0437)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0782		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0783		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0782)*		
33 42 11 00-0784	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	38.66	10.14
		For Bituminous Coated Pipe, Add	*4.44*	
		For Bituminous Coated And 25% Paved, Add	*10.74*	
		For Smooth-Flo, Add	*17.72*	
33 42 11 00-0785	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	42.88	11.06
		For Bituminous Coated Pipe, Add	*5.31*	
		For Bituminous Coated And 25% Paved, Add	*12.83*	
		For Smooth-Flo, Add	*21.16*	
33 42 11 00-0786	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	48.93	11.98
		For Bituminous Coated Pipe, Add	*6.39*	
		For Bituminous Coated And 25% Paved, Add	*15.44*	
		For Smooth-Flo, Add	*25.47*	
33 42 11 00-0787	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	54.84	12.90
		For Bituminous Coated Pipe, Add	*7.36*	
		For Bituminous Coated And 25% Paved, Add	*17.80*	
		For Smooth-Flo, Add	*29.35*	
33 42 11 00-0788	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	71.55	16.59
		For Bituminous Coated Pipe, Add	*9.34*	
		For Bituminous Coated And 25% Paved, Add	*22.59*	
		For Smooth-Flo, Add	*37.27*	
33 42 11 00-0789	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	94.58	21.76
		For Bituminous Coated Pipe, Add	*12.05*	
		For Bituminous Coated And 25% Paved, Add	*29.14*	
		For Smooth-Flo, Add	*48.07*	
33 42 11 00-0790		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0782)*		
33 42 11 00-0791	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	42.26	10.14
		For Bituminous Coated Pipe, Add	*4.61*	
		For Bituminous Coated And 25% Paved, Add	*10.78*	
		For Smooth-Flo, Add	*17.69*	
33 42 11 00-0792	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	47.29	11.06
		For Bituminous Coated Pipe, Add	*5.53*	
		For Bituminous Coated And 25% Paved, Add	*12.94*	
		For Smooth-Flo, Add	*21.22*	
33 42 11 00-0793	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	53.85	11.98
		For Bituminous Coated Pipe, Add	*6.57*	
		For Bituminous Coated And 25% Paved, Add	*15.38*	
		For Smooth-Flo, Add	*25.22*	
33 42 11 00-0794	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	60.53	12.90
		For Bituminous Coated Pipe, Add	*7.58*	
		For Bituminous Coated And 25% Paved, Add	*17.73*	
		For Smooth-Flo, Add	*29.08*	
33 42 11 00-0795	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	78.66	16.59
		For Bituminous Coated Pipe, Add	*9.60*	
		For Bituminous Coated And 25% Paved, Add	*22.45*	
		For Smooth-Flo, Add	*36.83*	
33 42 11 00-0796	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	103.03	21.76
		For Bituminous Coated Pipe, Add	*12.22*	
		For Bituminous Coated And 25% Paved, Add	*28.60*	
		For Smooth-Flo, Add	*46.91*	
33 42 11 00-0797	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	118.09	25.72
		For Bituminous Coated Pipe, Add	*14.56*	
		For Bituminous Coated And 25% Paved, Add	*34.07*	
		For Smooth-Flo, Add	*55.88*	
33 42 11 00-0798		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0782)*		
33 42 11 00-0799	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	61.59	11.87
		For Bituminous Coated Pipe, Add	*5.98*	
		For Bituminous Coated And 25% Paved, Add	*13.31*	
		For Smooth-Flo, Add	*20.47*	
33 42 11 00-0800	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	70.15	12.86
		For Bituminous Coated Pipe, Add	*7.09*	
		For Bituminous Coated And 25% Paved, Add	*15.79*	
		For Smooth-Flo, Add	*24.27*	
33 42 11 00-0801	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	78.68	13.85
		For Bituminous Coated Pipe, Add	*8.14*	
		For Bituminous Coated And 25% Paved, Add	*18.11*	
		For Smooth-Flo, Add	*27.84*	
33 42 11 00-0802	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	101.83	17.80
		For Bituminous Coated Pipe, Add	*10.24*	
		For Bituminous Coated And 25% Paved, Add	*22.80*	
		For Smooth-Flo, Add	*35.05*	
33 42 11 00-0803	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	120.26	21.76
		For Bituminous Coated Pipe, Add	*12.82*	
		For Bituminous Coated And 25% Paved, Add	*28.52*	
		For Smooth-Flo, Add	*43.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0804	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	137.98	25.72
		For Bituminous Coated Pipe, Add	*15.16*	
		For Bituminous Coated And 25% Paved, Add	*33.73*	
		For Smooth-Flo, Add	*51.87*	
33 42 11 00-0805	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	160.74	29.67
		For Bituminous Coated Pipe, Add	*17.98*	
		For Bituminous Coated And 25% Paved, Add	*40.01*	
		For Smooth-Flo, Add	*61.52*	
33 42 11 00-0806	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	179.93	33.63
		For Bituminous Coated Pipe, Add	*19.85*	
		For Bituminous Coated And 25% Paved, Add	*44.18*	
		For Smooth-Flo, Add	*67.94*	
33 42 11 00-0807		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0782)*		
33 42 11 00-0808	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	136.49	21.76
		For Bituminous Coated Pipe, Add	*15.44*	
		For Bituminous Coated And 25% Paved, Add	*32.52*	
		For Smooth-Flo, Add	*41.01*	
33 42 11 00-0809	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	156.90	25.72
		For Bituminous Coated Pipe, Add	*18.22*	
		For Bituminous Coated And 25% Paved, Add	*38.35*	
		For Smooth-Flo, Add	*48.37*	
33 42 11 00-0810	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	182.18	29.67
		For Bituminous Coated Pipe, Add	*21.44*	
		For Bituminous Coated And 25% Paved, Add	*45.13*	
		For Smooth-Flo, Add	*56.91*	
33 42 11 00-0811	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	204.16	33.63
		For Bituminous Coated Pipe, Add	*23.77*	
		For Bituminous Coated And 25% Paved, Add	*50.04*	
		For Smooth-Flo, Add	*63.10*	
33 42 11 00-0812	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	223.62	35.61
		For Bituminous Coated Pipe, Add	*26.09*	
		For Bituminous Coated And 25% Paved, Add	*54.93*	
		For Smooth-Flo, Add	*69.28*	
33 42 11 00-0813		3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0814		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0813)*		
33 42 11 00-0815	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	179.69	33.63
		For Bituminous Coated Pipe, Add	*22.90*	
		For Bituminous Coated And 25% Paved, Add	*69.63*	
		For Smooth-Flo, Add	*77.87*	
33 42 11 00-0816	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	196.36	35.61
		For Bituminous Coated Pipe, Add	*25.07*	
		For Bituminous Coated And 25% Paved, Add	*76.20*	
		For Smooth-Flo, Add	*85.22*	
33 42 11 00-0817	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	242.63	43.52
		For Bituminous Coated Pipe, Add	*31.48*	
		For Bituminous Coated And 25% Paved, Add	*95.71*	
		For Smooth-Flo, Add	*107.04*	
33 42 11 00-0818	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	294.66	63.32
		For Bituminous Coated Pipe, Add	*33.75*	
		For Bituminous Coated And 25% Paved, Add	*102.60*	
		For Smooth-Flo, Add	*114.75*	
33 42 11 00-0819	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	319.16	69.25
		For Bituminous Coated Pipe, Add	*36.13*	
		For Bituminous Coated And 25% Paved, Add	*109.85*	
		For Smooth-Flo, Add	*122.86*	
33 42 11 00-0820	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	341.03	74.19
		For Bituminous Coated Pipe, Add	*38.53*	
		For Bituminous Coated And 25% Paved, Add	*117.13*	
		For Smooth-Flo, Add	*131.00*	
33 42 11 00-0821	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	362.84	79.14
		For Bituminous Coated Pipe, Add	*40.91*	
		For Bituminous Coated And 25% Paved, Add	*124.38*	
		For Smooth-Flo, Add	*139.11*	
33 42 11 00-0822	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	385.35	84.08
		For Bituminous Coated Pipe, Add	*43.29*	
		For Bituminous Coated And 25% Paved, Add	*131.60*	
		For Smooth-Flo, Add	*147.19*	
33 42 11 00-0823		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0813)*		
33 42 11 00-0824	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	233.66	35.61
		For Bituminous Coated Pipe, Add	*32.53*	
		For Bituminous Coated And 25% Paved, Add	*85.22*	
		For Smooth-Flo, Add	*100.83*	
33 42 11 00-0825	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	284.00	43.52
		For Bituminous Coated Pipe, Add	*39.76*	
		For Bituminous Coated And 25% Paved, Add	*104.16*	
		For Smooth-Flo, Add	*123.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0826	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	339.70	63.32
		For Bituminous Coated Pipe, Add	*42.76*	
		For Bituminous Coated And 25% Paved, Add	*112.03*	
		For Smooth-Flo, Add	*132.55*	
33 42 11 00-0827	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	367.84	69.25
		For Bituminous Coated Pipe, Add	*45.87*	
		For Bituminous Coated And 25% Paved, Add	*120.18*	
		For Smooth-Flo, Add	*142.20*	
33 42 11 00-0828	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	393.35	74.19
		For Bituminous Coated Pipe, Add	*48.99*	
		For Bituminous Coated And 25% Paved, Add	*128.36*	
		For Smooth-Flo, Add	*151.88*	
33 42 11 00-0829	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	418.82	79.14
		For Bituminous Coated Pipe, Add	*52.11*	
		For Bituminous Coated And 25% Paved, Add	*136.53*	
		For Smooth-Flo, Add	*161.54*	
33 42 11 00-0830	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	444.97	84.08
		For Bituminous Coated Pipe, Add	*55.21*	
		For Bituminous Coated And 25% Paved, Add	*144.66*	
		For Smooth-Flo, Add	*171.16*	
33 42 11 00-0831	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	473.99	89.03
		For Bituminous Coated Pipe, Add	*58.35*	
		For Bituminous Coated And 25% Paved, Add	*152.88*	
		For Smooth-Flo, Add	*180.89*	
33 42 11 00-0832	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	505.19	98.93
		For Bituminous Coated Pipe, Add	*61.47*	
		For Bituminous Coated And 25% Paved, Add	*161.05*	
		For Smooth-Flo, Add	*190.55*	
33 42 11 00-0833	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	537.55	108.82
		For Bituminous Coated Pipe, Add	*64.90*	
		For Bituminous Coated And 25% Paved, Add	*170.03*	
		For Smooth-Flo, Add	*201.18*	
33 42 11 00-0834		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0813)*		
33 42 11 00-0835	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	381.55	63.32
		For Bituminous Coated Pipe, Add	*51.13*	
		For Bituminous Coated And 25% Paved, Add	*121.68*	
		For Smooth-Flo, Add	*132.17*	
33 42 11 00-0836	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	413.15	69.25
		For Bituminous Coated Pipe, Add	*54.93*	
		For Bituminous Coated And 25% Paved, Add	*130.74*	
		For Smooth-Flo, Add	*142.00*	
33 42 11 00-0837	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	442.09	74.19
		For Bituminous Coated Pipe, Add	*58.74*	
		For Bituminous Coated And 25% Paved, Add	*139.81*	
		For Smooth-Flo, Add	*151.85*	
33 42 11 00-0838	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	470.93	79.14
		For Bituminous Coated Pipe, Add	*62.53*	
		For Bituminous Coated And 25% Paved, Add	*148.83*	
		For Smooth-Flo, Add	*161.65*	
33 42 11 00-0839	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	500.55	84.08
		For Bituminous Coated Pipe, Add	*66.33*	
		For Bituminous Coated And 25% Paved, Add	*157.87*	
		For Smooth-Flo, Add	*171.46*	
33 42 11 00-0840	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	532.96	89.03
		For Bituminous Coated Pipe, Add	*70.15*	
		For Bituminous Coated And 25% Paved, Add	*166.95*	
		For Smooth-Flo, Add	*181.33*	
33 42 11 00-0841	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	567.60	98.93
		For Bituminous Coated Pipe, Add	*73.95*	
		For Bituminous Coated And 25% Paved, Add	*176.00*	
		For Smooth-Flo, Add	*191.16*	
33 42 11 00-0842	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	603.12	108.82
		For Bituminous Coated Pipe, Add	*78.01*	
		For Bituminous Coated And 25% Paved, Add	*185.66*	
		For Smooth-Flo, Add	*201.66*	
33 42 11 00-0843	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	641.47	118.71
		For Bituminous Coated Pipe, Add	*82.89*	
		For Bituminous Coated And 25% Paved, Add	*197.27*	
		For Smooth-Flo, Add	*214.26*	
33 42 11 00-0844		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0845		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0844)*		
33 42 11 00-0846	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	343.81	63.32
		For Bituminous Coated Pipe, Add	*43.58*	
		For Bituminous Coated And 25% Paved, Add	*106.34*	
		For Smooth-Flo, Add	*135.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0847	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	371.54	69.25
		For Bituminous Coated Pipe, Add	*46.61*	
		For Bituminous Coated And 25% Paved, Add	*113.73*	
		For Smooth-Flo, Add	*144.72*	
33 42 11 00-0848	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	396.41	74.19
		For Bituminous Coated Pipe, Add	*49.61*	
		For Bituminous Coated And 25% Paved, Add	*121.04*	
		For Smooth-Flo, Add	*154.03*	
33 42 11 00-0849	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	421.28	79.14
		For Bituminous Coated Pipe, Add	*52.60*	
		For Bituminous Coated And 25% Paved, Add	*128.35*	
		For Smooth-Flo, Add	*163.33*	
33 42 11 00-0850	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	446.99	84.08
		For Bituminous Coated Pipe, Add	*55.62*	
		For Bituminous Coated And 25% Paved, Add	*135.71*	
		For Smooth-Flo, Add	*172.69*	
33 42 11 00-0851	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	475.67	89.03
		For Bituminous Coated Pipe, Add	*58.69*	
		For Bituminous Coated And 25% Paved, Add	*143.20*	
		For Smooth-Flo, Add	*182.23*	
33 42 11 00-0852	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	506.54	98.93
		For Bituminous Coated Pipe, Add	*61.74*	
		For Bituminous Coated And 25% Paved, Add	*150.64*	
		For Smooth-Flo, Add	*191.70*	
33 42 11 00-0853	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	540.88	108.82
		For Bituminous Coated Pipe, Add	*65.56*	
		For Bituminous Coated And 25% Paved, Add	*159.97*	
		For Smooth-Flo, Add	*203.57*	
33 42 11 00-0854		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0844)*		
33 42 11 00-0855	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	390.13	63.32
		For Bituminous Coated Pipe, Add	*52.84*	
		For Bituminous Coated And 25% Paved, Add	*119.43*	
		For Smooth-Flo, Add	*129.73*	
33 42 11 00-0856	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	421.56	69.25
		For Bituminous Coated Pipe, Add	*56.61*	
		For Bituminous Coated And 25% Paved, Add	*127.95*	
		For Smooth-Flo, Add	*138.99*	
33 42 11 00-0857	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	450.20	74.19
		For Bituminous Coated Pipe, Add	*60.36*	
		For Bituminous Coated And 25% Paved, Add	*136.42*	
		For Smooth-Flo, Add	*148.19*	
33 42 11 00-0858	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	478.94	79.14
		For Bituminous Coated Pipe, Add	*64.13*	
		For Bituminous Coated And 25% Paved, Add	*144.94*	
		For Smooth-Flo, Add	*157.45*	
33 42 11 00-0859	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	507.79	84.08
		For Bituminous Coated Pipe, Add	*67.78*	
		For Bituminous Coated And 25% Paved, Add	*153.18*	
		For Smooth-Flo, Add	*166.39*	
33 42 11 00-0860	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	540.74	89.03
		For Bituminous Coated Pipe, Add	*71.70*	
		For Bituminous Coated And 25% Paved, Add	*162.05*	
		For Smooth-Flo, Add	*176.03*	
33 42 11 00-0861	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	575.45	98.93
		For Bituminous Coated Pipe, Add	*75.52*	
		For Bituminous Coated And 25% Paved, Add	*170.68*	
		For Smooth-Flo, Add	*185.40*	
33 42 11 00-0862	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	613.59	108.82
		For Bituminous Coated Pipe, Add	*80.10*	
		For Bituminous Coated And 25% Paved, Add	*181.04*	
		For Smooth-Flo, Add	*196.66*	
33 42 11 00-0863	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	649.21	118.71
		For Bituminous Coated Pipe, Add	*84.43*	
		For Bituminous Coated And 25% Paved, Add	*190.82*	
		For Smooth-Flo, Add	*207.29*	
33 42 11 00-0864		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0865		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0864)*		
33 42 11 00-0866	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	61.87	10.14
33 42 11 00-0867	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	70.62	11.06
33 42 11 00-0868	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	82.40	11.98
33 42 11 00-0869	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	93.46	12.90
33 42 11 00-0870	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	120.76	16.59
33 42 11 00-0871	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	158.49	21.76
33 42 11 00-0872		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0864)*		
33 42 11 00-0873	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	70.16	10.14

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0874	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	80.74	11.06
33 42 11 00-0875	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	93.70	11.98
33 42 11 00-0876	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	106.60	12.90
33 42 11 00-0877	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	137.09	16.59
33 42 11 00-0878	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	177.92	21.76
33 42 11 00-0879	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	207.49	25.72
33 42 11 00-0880		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0864)*		
33 42 11 00-0881	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	105.55	11.06
33 42 11 00-0882	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	123.09	11.98
33 42 11 00-0883	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	139.88	12.90
33 42 11 00-0884	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	178.63	16.59
33 42 11 00-0885	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	228.09	21.76
33 42 11 00-0886	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	265.92	25.72
33 42 11 00-0887	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	313.49	29.67
33 42 11 00-0888	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	348.16	33.63
33 42 11 00-0889		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0864)*		
33 42 11 00-0890	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	267.44	21.76
33 42 11 00-0891	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	311.84	25.72
33 42 11 00-0892	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	365.54	29.67
33 42 11 00-0893	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	407.01	33.63
33 42 11 00-0894	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	445.86	35.61
33 42 11 00-0895		3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0896		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0895)*		
33 42 11 00-0897	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	351.58	33.63
33 42 11 00-0898	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	384.10	35.61
33 42 11 00-0899	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	480.43	43.52
33 42 11 00-0900	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	549.25	63.32
33 42 11 00-0901	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	591.41	69.25
33 42 11 00-0902	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	631.01	74.19
33 42 11 00-0903	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	670.44	79.14
33 42 11 00-0904	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	710.68	84.08
33 42 11 00-0905		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0895)*		
33 42 11 00-0906	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	478.99	35.61
33 42 11 00-0907	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	586.05	43.52
33 42 11 00-0908	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	664.21	63.32
33 42 11 00-0909	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	715.53	69.25
33 42 11 00-0910	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	764.34	74.19
33 42 11 00-0911	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	813.09	79.14
33 42 11 00-0912	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	862.45	84.08
33 42 11 00-0913	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	914.83	89.03
33 42 11 00-0914	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	969.31	98.93
33 42 11 00-0915	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,027.26	108.82
33 42 11 00-0916		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0895)*		
33 42 11 00-0917	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	768.50	63.32
33 42 11 00-0918	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	828.45	69.25
33 42 11 00-0919	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	885.88	74.19
33 42 11 00-0920	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	943.00	79.14
33 42 11 00-0921	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,000.95	84.08
33 42 11 00-0922	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,061.86	89.03
33 42 11 00-0923	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,124.93	98.93
33 42 11 00-0924	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,190.71	108.82
33 42 11 00-0925	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,265.41	118.71
33 42 11 00-0926		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0781)*		
33 42 11 00-0927		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0926)*		
33 42 11 00-0928	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	654.83	63.32
33 42 11 00-0929	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	703.81	69.25
33 42 11 00-0930	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	749.69	74.19
33 42 11 00-0931	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	795.52	79.14
33 42 11 00-0932	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	842.35	84.08
33 42 11 00-0933	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	892.55	89.03
33 42 11 00-0934	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	944.77	98.93
33 42 11 00-0935	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,005.89	108.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0936		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0926)*		
33 42 11 00-0937	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	766.06	63.32
33 42 11 00-0938	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	823.88	69.25
33 42 11 00-0939	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	878.79	74.19
33 42 11 00-0940	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	933.94	79.14
33 42 11 00-0941	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	988.37	84.08
33 42 11 00-0942	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,048.76	89.03
33 42 11 00-0943	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,110.24	98.93
33 42 11 00-0944	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,180.61	108.82
33 42 11 00-0945	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,246.39	118.71
33 42 11 00-0946		Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0437)*		
33 42 11 00-0947		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0946)*		
33 42 11 00-0948		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0947)*		
33 42 11 00-0949	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	36.47	9.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.61*	
33 42 11 00-0950	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	41.42	10.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.32*	
33 42 11 00-0951	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	46.55	11.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.09*	
33 42 11 00-0952	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	53.14	11.98
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.06*	
33 42 11 00-0953	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	58.91	12.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.59*	
33 42 11 00-0954	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	77.65	16.59
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.63*	
33 42 11 00-0955	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	101.21	21.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.24*	
33 42 11 00-0956	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	115.46	25.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*26.30*	
33 42 11 00-0957	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	129.77	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*29.47*	
33 42 11 00-0958		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0947)*		
33 42 11 00-0959	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	40.04	9.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.28*	
33 42 11 00-0960	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	45.83	10.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.88*	
33 42 11 00-0961	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	51.80	11.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.52*	
33 42 11 00-0962	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	59.23	11.98
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.32*	
33 42 11 00-0963	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.98	12.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.82*	
33 42 11 00-0964	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	86.30	16.59
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.47*	
33 42 11 00-0965	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	111.68	21.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.64*	
33 42 11 00-0966	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	127.52	25.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.31*	
33 42 11 00-0967	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	143.50	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.30*	
33 42 11 00-0968	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	171.75	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.57*	
33 42 11 00-0969		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0947)*		
33 42 11 00-0970	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.84	11.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.87*	
33 42 11 00-0971	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	72.12	11.98
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.50*	
33 42 11 00-0972	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	80.62	12.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.90*	
33 42 11 00-0973	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	104.58	16.59
		For 1/2 Bituminous Coated And 25% Paved, Add	*15.17*	
33 42 11 00-0974	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	133.73	21.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.83*	
33 42 11 00-0975	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	153.07	25.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.08*	
33 42 11 00-0976	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	172.65	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0977	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	205.04	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*30.07*	
33 42 11 00-0978	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	223.96	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*32.88*	
33 42 11 00-0979	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	273.30	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*40.44*	
33 42 11 00-0980		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0947)*		
33 42 11 00-0981	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	153.55	21.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.62*	
33 42 11 00-0982	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	176.26	25.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.17*	
33 42 11 00-0983	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	198.98	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.29*	
33 42 11 00-0984	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	234.56	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*32.52*	
33 42 11 00-0985	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	256.82	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*35.67*	
33 42 11 00-0986	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	309.38	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*43.04*	
33 42 11 00-0987	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	366.23	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.14*	
33 42 11 00-0988		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0946)*		
33 42 11 00-0989		16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0988)*		
33 42 11 00-0990	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	116.79	21.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.72*	
33 42 11 00-0991	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	133.31	25.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*29.03*	
33 42 11 00-0992	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	149.83	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*32.55*	
33 42 11 00-0993	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	178.78	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*39.76*	
33 42 11 00-0994	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	194.81	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*43.32*	
33 42 11 00-0995	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	244.21	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.65*	
33 42 11 00-0996	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	295.37	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.31*	
33 42 11 00-0997	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	318.45	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.99*	
33 42 11 00-0998	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	338.88	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.68*	
33 42 11 00-0999	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	359.31	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.36*	
33 42 11 00-1000	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	380.44	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.04*	
33 42 11 00-1001	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	404.37	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.75*	
33 42 11 00-1002		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0988)*		
33 42 11 00-1003	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	196.69	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*34.46*	
33 42 11 00-1004	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	214.60	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.62*	
33 42 11 00-1005	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	265.99	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*47.36*	
33 42 11 00-1006	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	319.10	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.62*	
33 42 11 00-1007	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	344.10	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.87*	
33 42 11 00-1008	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	366.55	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*57.16*	
33 42 11 00-1009	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	388.86	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*60.41*	
33 42 11 00-1010	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	411.91	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*63.67*	
33 42 11 00-1011	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	437.77	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.95*	
33 42 11 00-1012	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	465.87	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.22*	
33 42 11 00-1013	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	493.38	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.44*	
33 42 11 00-1014		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0988)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1015	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	258.60	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.46*	
33 42 11 00-1016	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	314.70	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.73*	
33 42 11 00-1017	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	372.05	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.21*	
33 42 11 00-1018	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	401.36	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.71*	
33 42 11 00-1019	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	428.05	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*75.23*	
33 42 11 00-1020	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	454.67	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*79.73*	
33 42 11 00-1021	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	482.00	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*84.22*	
33 42 11 00-1022	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	512.13	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*88.74*	
33 42 11 00-1023	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	544.48	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*93.24*	
33 42 11 00-1024	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	576.29	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.71*	
33 42 11 00-1025	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	607.06	118.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*102.23*	
33 42 11 00-1026		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0988)*		
33 42 11 00-1027	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	421.44	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*81.27*	
33 42 11 00-1028	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	454.72	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*86.96*	
33 42 11 00-1029	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	485.48	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*92.70*	
33 42 11 00-1030	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	516.11	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*98.41*	
33 42 11 00-1031	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	547.54	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*104.13*	
33 42 11 00-1032	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	581.74	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*109.87*	
33 42 11 00-1033	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	618.10	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*115.57*	
33 42 11 00-1034	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	653.95	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*121.24*	
33 42 11 00-1035	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	688.80	118.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*126.98*	
33 42 11 00-1036	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	725.44	128.60
		For 1/2 Bituminous Coated And 25% Paved, Add	*132.68*	
33 42 11 00-1037	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	764.61	138.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*138.41*	
33 42 11 00-1038	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	806.81	148.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*144.15*	
33 42 11 00-1039		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0946)*		
33 42 11 00-1040		16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1039)*		
33 42 11 00-1041	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	150.40	29.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*40.33*	
33 42 11 00-1042	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	179.83	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.42*	
33 42 11 00-1043	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	195.72	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.74*	
33 42 11 00-1044	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	242.19	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*67.65*	
33 42 11 00-1045	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	293.11	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.06*	
33 42 11 00-1046	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	315.93	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.48*	
33 42 11 00-1047	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	335.98	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*80.86*	
33 42 11 00-1048	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	355.97	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*85.21*	
33 42 11 00-1049	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	376.90	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*89.65*	
33 42 11 00-1050	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	400.77	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*94.19*	
33 42 11 00-1051		14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1039)*		
33 42 11 00-1052	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	202.21	33.63
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1053	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	220.66	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.87*	
33 42 11 00-1054	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	269.36	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.61*	
33 42 11 00-1055	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	322.50	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.84*	
33 42 11 00-1056	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	347.94	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.21*	
33 42 11 00-1057	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	370.49	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*75.52*	
33 42 11 00-1058	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	391.76	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*79.39*	
33 42 11 00-1059	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	416.26	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*84.10*	
33 42 11 00-1060	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	442.24	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*88.40*	
33 42 11 00-1061	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	470.39	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*92.66*	
33 42 11 00-1062	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	498.43	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.02*	
33 42 11 00-1063		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1039)*		
33 42 11 00-1064	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.29	35.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.13*	
33 42 11 00-1065	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	320.76	43.52
		For 1/2 Bituminous Coated And 25% Paved, Add	*67.36*	
33 42 11 00-1066	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	378.79	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.32*	
33 42 11 00-1067	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	408.53	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.23*	
33 42 11 00-1068	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	435.49	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.11*	
33 42 11 00-1069	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	462.68	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.06*	
33 42 11 00-1070	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	490.45	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.96*	
33 42 11 00-1071	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	520.91	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.86*	
33 42 11 00-1072	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	553.80	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.80*	
33 42 11 00-1073	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	586.19	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*106.71*	
33 42 11 00-1074	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	617.33	118.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*111.62*	
33 42 11 00-1075		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1039)*		
33 42 11 00-1076	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	432.68	63.32
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.74*	
33 42 11 00-1077	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	467.44	69.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*94.08*	
33 42 11 00-1078	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	499.08	74.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*100.30*	
33 42 11 00-1079	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	530.52	79.14
		For 1/2 Bituminous Coated And 25% Paved, Add	*106.46*	
33 42 11 00-1080	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	562.86	84.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*112.67*	
33 42 11 00-1081	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	597.80	89.03
		For 1/2 Bituminous Coated And 25% Paved, Add	*118.85*	
33 42 11 00-1082	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	635.13	98.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*125.06*	
33 42 11 00-1083	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	672.03	108.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*131.26*	
33 42 11 00-1084	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	707.58	118.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*137.43*	
33 42 11 00-1085	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	752.03	128.60
		For 1/2 Bituminous Coated And 25% Paved, Add	*145.59*	
33 42 11 00-1086	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	793.83	138.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*152.30*	
33 42 11 00-1087	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	839.53	148.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*159.27*	
33 42 11 00-1088		Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0946)*		
33 42 11 00-1089		16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1088)*		
33 42 11 00-1090	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	52.57	11.06
33 42 11 00-1091	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	60.11	11.98
33 42 11 00-1092	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	67.16	12.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1093	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	87.71	16.59
33 42 11 00-1094	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	113.02	21.76
33 42 11 00-1095	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	129.10	25.72
33 42 11 00-1096	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	145.62	29.67
33 42 11 00-1097	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	172.69	33.63
33 42 11 00-1098	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	188.68	35.61
33 42 11 00-1099		14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1088)*		
33 42 11 00-1100	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	57.76	11.06
33 42 11 00-1101	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	66.17	11.98
33 42 11 00-1102	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	74.02	12.90
33 42 11 00-1103	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	96.30	16.59
33 42 11 00-1104	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	123.36	21.76
33 42 11 00-1105	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	141.18	25.72
33 42 11 00-1106	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	159.42	29.67
33 42 11 00-1107	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	188.21	33.63
33 42 11 00-1108	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	205.99	35.61
33 42 11 00-1109	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	250.40	43.52
33 42 11 00-1110	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	302.84	63.32
33 42 11 00-1111	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	327.34	69.25
33 42 11 00-1112		12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1088)*		
33 42 11 00-1113	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	113.70	16.59
33 42 11 00-1114	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	144.20	21.76
33 42 11 00-1115	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	165.59	25.72
33 42 11 00-1116	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	187.26	29.67
33 42 11 00-1117	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	219.51	33.63
33 42 11 00-1118	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	240.83	35.61
33 42 11 00-1119	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	288.65	43.52
33 42 11 00-1120	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	344.52	63.32
33 42 11 00-1121	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	372.48	69.25
33 42 11 00-1122	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	397.65	74.19
33 42 11 00-1123	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	422.86	79.14
33 42 11 00-1124	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	448.71	84.08
33 42 11 00-1125	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	475.64	89.03
33 42 11 00-1126		Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0437)*		
33 42 11 00-1127		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1126)*		
33 42 11 00-1128		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1127)*		
33 42 11 00-1129	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	42.63	10.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*10.75*	
33 42 11 00-1130	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	47.63	11.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.85*	
33 42 11 00-1131	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	54.62	11.98
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.45*	
33 42 11 00-1132	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	61.40	12.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*17.81*	
33 42 11 00-1133	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	79.90	16.59
		For 1/2 Bituminous Coated And 40% Paved, Add	*22.62*	
33 42 11 00-1134	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	105.35	21.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*29.18*	
33 42 11 00-1135		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1127)*		
33 42 11 00-1136	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	47.04	10.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.14*	
33 42 11 00-1137	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	52.98	11.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*13.35*	
33 42 11 00-1138	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	60.65	11.98
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.88*	
33 42 11 00-1139	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	68.37	12.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.31*	
33 42 11 00-1140	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	88.59	16.59
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.19*	
33 42 11 00-1141	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	115.68	21.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*29.54*	
33 42 11 00-1142	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	133.17	25.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*35.19*	
33 42 11 00-1143		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1127)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1144	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	63.88	11.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.23*	
33 42 11 00-1145	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	73.57	11.98
		For 1/2 Bituminous Coated And 40% Paved, Add	*14.53*	
33 42 11 00-1146	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	83.01	12.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*16.68*	
33 42 11 00-1147	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	106.87	16.59
		For 1/2 Bituminous Coated And 40% Paved, Add	*21.05*	
33 42 11 00-1148	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	137.77	21.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*26.47*	
33 42 11 00-1149	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	158.92	25.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*31.37*	
33 42 11 00-1150	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	186.09	29.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*37.36*	
33 42 11 00-1151	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	207.67	33.63
		For 1/2 Bituminous Coated And 40% Paved, Add	*41.18*	
33 42 11 00-1152		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1127)*		
33 42 11 00-1153	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	157.59	21.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.86*	
33 42 11 00-1154	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	182.05	25.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*32.92*	
33 42 11 00-1155	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	212.31	29.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*38.87*	
33 42 11 00-1156	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	237.32	33.63
		For 1/2 Bituminous Coated And 40% Paved, Add	*43.04*	
33 42 11 00-1157	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	259.81	35.61
		For 1/2 Bituminous Coated And 40% Paved, Add	*47.20*	
33 42 11 00-1158		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1126)*		
33 42 11 00-1159		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1158)*		
33 42 11 00-1160	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	200.23	33.63
		For 1/2 Bituminous Coated And 40% Paved, Add	*61.86*	
33 42 11 00-1161	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	218.81	35.61
		For 1/2 Bituminous Coated And 40% Paved, Add	*67.68*	
33 42 11 00-1162	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	270.84	43.52
		For 1/2 Bituminous Coated And 40% Paved, Add	*85.01*	
33 42 11 00-1163	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	324.89	63.32
		For 1/2 Bituminous Coated And 40% Paved, Add	*91.13*	
33 42 11 00-1164	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	351.54	69.25
		For 1/2 Bituminous Coated And 40% Paved, Add	*97.58*	
33 42 11 00-1165	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	375.54	74.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*104.04*	
33 42 11 00-1166	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	399.47	79.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*110.47*	
33 42 11 00-1167	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	424.17	84.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*116.91*	
33 42 11 00-1168		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1158)*		
33 42 11 00-1169	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	262.84	35.61
		For 1/2 Bituminous Coated And 40% Paved, Add	*76.92*	
33 42 11 00-1170	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	319.65	43.52
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.01*	
33 42 11 00-1171	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	378.05	63.32
		For 1/2 Bituminous Coated And 40% Paved, Add	*101.11*	
33 42 11 00-1172	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	408.94	69.25
		For 1/2 Bituminous Coated And 40% Paved, Add	*108.45*	
33 42 11 00-1173	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	437.28	74.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*115.85*	
33 42 11 00-1174	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	465.55	79.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*123.22*	
33 42 11 00-1175	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	494.49	84.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*130.56*	
33 42 11 00-1176	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	526.30	89.03
		For 1/2 Bituminous Coated And 40% Paved, Add	*137.97*	
33 42 11 00-1177	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	560.30	98.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*145.34*	
33 42 11 00-1178	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	595.75	108.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*153.45*	
33 42 11 00-1179		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1158)*		
33 42 11 00-1180	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	427.40	63.32
		For 1/2 Bituminous Coated And 40% Paved, Add	*109.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1181	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	462.40	69.25
		For 1/2 Bituminous Coated And 40% Paved, Add	*117.58*	
33 42 11 00-1182	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	494.77	74.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*125.74*	
33 42 11 00-1183	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	527.01	79.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*133.85*	
33 42 11 00-1184	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	562.76	84.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*142.97*	
33 42 11 00-1185	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	595.88	89.03
		For 1/2 Bituminous Coated And 40% Paved, Add	*150.15*	
33 42 11 00-1186	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	633.95	98.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*158.30*	
33 42 11 00-1187	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	673.07	108.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*166.98*	
33 42 11 00-1188	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	715.79	118.71
		For 1/2 Bituminous Coated And 40% Paved, Add	*177.42*	
33 42 11 00-1189		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1126)*		
33 42 11 00-1190		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1189)*		
33 42 11 00-1191	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	383.03	63.32
		For 1/2 Bituminous Coated And 40% Paved, Add	*99.51*	
33 42 11 00-1192	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	413.48	69.25
		For 1/2 Bituminous Coated And 40% Paved, Add	*106.42*	
33 42 11 00-1193	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	441.08	74.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*113.27*	
33 42 11 00-1194	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	468.64	79.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*120.11*	
33 42 11 00-1195	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	497.05	84.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*126.99*	
33 42 11 00-1196	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	528.49	89.03
		For 1/2 Bituminous Coated And 40% Paved, Add	*134.00*	
33 42 11 00-1197	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	562.12	98.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*140.97*	
33 42 11 00-1198	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	599.89	108.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*149.70*	
33 42 11 00-1199		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1189)*		
33 42 11 00-1200	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	437.70	63.32
		For 1/2 Bituminous Coated And 40% Paved, Add	*110.37*	
33 42 11 00-1201	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	472.53	69.25
		For 1/2 Bituminous Coated And 40% Paved, Add	*118.25*	
33 42 11 00-1202	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	504.53	74.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*126.08*	
33 42 11 00-1203	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	536.68	79.14
		For 1/2 Bituminous Coated And 40% Paved, Add	*133.96*	
33 42 11 00-1204	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	568.82	84.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*141.57*	
33 42 11 00-1205	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	605.27	89.03
		For 1/2 Bituminous Coated And 40% Paved, Add	*149.76*	
33 42 11 00-1206	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	643.45	98.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*157.74*	
33 42 11 00-1207	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	685.70	108.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*167.31*	
33 42 11 00-1208	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	725.22	118.71
		For 1/2 Bituminous Coated And 40% Paved, Add	*176.36*	
33 42 11 00-1209		Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0437)*		
33 42 11 00-1210		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1209)*		
33 42 11 00-1211		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1210)*		
33 42 11 00-1212	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	21.71	5.53
		For Bituminous Coated Pipe, Add	*2.04*	
33 42 11 00-1213	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	27.88	6.91
		For Bituminous Coated Pipe, Add	*2.78*	
33 42 11 00-1214	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	36.07	8.30
		For Bituminous Coated Pipe, Add	*3.66*	
33 42 11 00-1215		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1210)*		
33 42 11 00-1216	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	24.06	5.53
		For Bituminous Coated Pipe, Add	*2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1217	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	31.19	6.91
		For Bituminous Coated Pipe, Add	*2.77*	
33 42 11 00-1218	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	40.49	8.30
		For Bituminous Coated Pipe, Add	*3.66*	
33 42 11 00-1219		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1209)*		
33 42 11 00-1220		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1219)*		
33 42 11 00-1221	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	41.86	9.67
		For Bituminous Coated Pipe, Add	*4.02*	
33 42 11 00-1222	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	48.12	10.14
		For Bituminous Coated Pipe, Add	*5.05*	
33 42 11 00-1223	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	54.74	11.06
		For Bituminous Coated Pipe, Add	*6.14*	
33 42 11 00-1224	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	62.88	11.98
		For Bituminous Coated Pipe, Add	*7.33*	
33 42 11 00-1225	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	70.18	12.90
		For Bituminous Coated Pipe, Add	*8.31*	
33 42 11 00-1226		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1219)*		
33 42 11 00-1227	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	46.89	9.67
		For Bituminous Coated Pipe, Add	*3.94*	
33 42 11 00-1228	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	54.53	10.14
		For Bituminous Coated Pipe, Add	*4.96*	
33 42 11 00-1229	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	62.43	11.06
		For Bituminous Coated Pipe, Add	*6.01*	
33 42 11 00-1230	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	71.78	11.98
		For Bituminous Coated Pipe, Add	*7.13*	
33 42 11 00-1231	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	80.40	12.90
		For Bituminous Coated Pipe, Add	*8.10*	
33 42 11 00-1232	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	104.67	16.59
		For Bituminous Coated Pipe, Add	*10.39*	
33 42 11 00-1233	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	134.02	21.76
		For Bituminous Coated Pipe, Add	*12.91*	
33 42 11 00-1234		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1219)*		
33 42 11 00-1235	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	99.95	12.90
		For Bituminous Coated Pipe, Add	*7.69*	
33 42 11 00-1236	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	129.00	16.59
		For Bituminous Coated Pipe, Add	*9.78*	
33 42 11 00-1237	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	163.24	21.76
		For Bituminous Coated Pipe, Add	*12.06*	
33 42 11 00-1238	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	188.04	25.72
		For Bituminous Coated Pipe, Add	*14.18*	
33 42 11 00-1239	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	212.67	29.67
		For Bituminous Coated Pipe, Add	*16.05*	
33 42 11 00-1240	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	250.06	33.63
		For Bituminous Coated Pipe, Add	*19.04*	
33 42 11 00-1241		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1219)*		
33 42 11 00-1242	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	194.38	21.76
		For Bituminous Coated Pipe, Add	*11.86*	
33 42 11 00-1243	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	224.32	25.72
		For Bituminous Coated Pipe, Add	*13.92*	
33 42 11 00-1244	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	254.25	29.67
		For Bituminous Coated Pipe, Add	*15.79*	
33 42 11 00-1245	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	296.83	33.63
		For Bituminous Coated Pipe, Add	*18.53*	
33 42 11 00-1246	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	326.31	35.61
		For Bituminous Coated Pipe, Add	*20.42*	
33 42 11 00-1247		3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1209)*		
33 42 11 00-1248		16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1247)*		
33 42 11 00-1249	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	103.08	16.59
33 42 11 00-1250	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	132.03	21.76
33 42 11 00-1251	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	150.99	25.72
33 42 11 00-1252	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	170.98	29.67
33 42 11 00-1253	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	201.76	33.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1254		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1247)*		
33 42 11 00-1255	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	115.90	16.59
33 42 11 00-1256	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	150.31	21.76
33 42 11 00-1257	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	172.21	25.72
33 42 11 00-1258	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	194.14	29.67
33 42 11 00-1259	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	228.89	33.63
33 42 11 00-1260	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	250.27	35.61
33 42 11 00-1261	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	304.33	43.52
33 42 11 00-1262	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	360.69	63.32
33 42 11 00-1263	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	389.00	69.25
33 42 11 00-1264		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1247)*		
33 42 11 00-1265	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	145.81	16.59
33 42 11 00-1266	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	183.96	21.76
33 42 11 00-1267	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	212.42	25.72
33 42 11 00-1268	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	240.25	29.67
33 42 11 00-1269	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	280.66	33.63
33 42 11 00-1270	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	307.59	35.61
33 42 11 00-1271	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	367.19	43.52
33 42 11 00-1272	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	429.26	63.32
33 42 11 00-1273	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	463.16	69.25
33 42 11 00-1274	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	494.47	74.19
33 42 11 00-1275	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	525.69	79.14
33 42 11 00-1276	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	557.65	84.08
33 42 11 00-1277		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1247)*		
33 42 11 00-1278	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	367.88	35.61
33 42 11 00-1279	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	430.97	43.52
33 42 11 00-1280	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	498.76	63.32
33 42 11 00-1281	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	538.39	69.25
33 42 11 00-1282	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	575.34	74.19
33 42 11 00-1283	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	612.27	79.14
33 42 11 00-1284	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	649.91	84.08
33 42 11 00-1285	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	690.38	89.03
33 42 11 00-1286	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	733.06	98.93
33 42 11 00-1287		**Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1209)*		
		Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1288		**16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1287)*		
33 42 11 00-1289	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	72.00	11.06
33 42 11 00-1290	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	77.44	11.98
33 42 11 00-1291	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	93.11	12.90
33 42 11 00-1292	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	107.51	14.74
33 42 11 00-1293	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	120.63	16.59
33 42 11 00-1294	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.39	18.43
33 42 11 00-1295		**14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1287)*		
33 42 11 00-1296	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	82.84	11.06
33 42 11 00-1297	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	95.62	11.98
33 42 11 00-1298	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	107.69	12.90
33 42 11 00-1299	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	123.87	14.74
33 42 11 00-1300	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	138.78	16.59
33 42 11 00-1301	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	154.39	18.43
33 42 11 00-1302	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	175.20	21.76
33 42 11 00-1303	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	201.98	25.72
33 42 11 00-1304	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	228.54	29.67
33 42 11 00-1305		**12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1287)*		
33 42 11 00-1306	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	174.26	16.59
33 42 11 00-1307	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	193.34	18.43
33 42 11 00-1308	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	217.75	21.76
33 42 11 00-1309	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	251.66	25.72
33 42 11 00-1310	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	285.32	29.67
33 42 11 00-1311	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	393.45	33.63
33 42 11 00-1312	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	432.97	35.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1313		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1287)*		
33 42 11 00-1314	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	401.02	29.67
33 42 11 00-1315	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	464.78	33.63
33 42 11 00-1316	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	512.32	35.61
33 42 11 00-1317	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	595.45	43.52
33 42 11 00-1318	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	676.91	63.32
33 42 11 00-1319	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	730.86	69.25
33 42 11 00-1320	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	781.68	74.19
33 42 11 00-1321		Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0437)*		
33 42 11 00-1322		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1321)*		
33 42 11 00-1323		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1322)*		
33 42 11 00-1324	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	50.40	10.14
		For Bituminous Coated Pipe, Add	*5.06*	
33 42 11 00-1325	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	56.91	11.06
		For Bituminous Coated Pipe, Add	*6.04*	
33 42 11 00-1326	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	65.35	11.98
		For Bituminous Coated Pipe, Add	*7.19*	
33 42 11 00-1327		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1322)*		
33 42 11 00-1328	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	56.83	10.14
		For Bituminous Coated Pipe, Add	*5.04*	
33 42 11 00-1329	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	63.08	11.06
		For Bituminous Coated Pipe, Add	*5.81*	
33 42 11 00-1330	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	74.25	11.98
		For Bituminous Coated Pipe, Add	*7.14*	
33 42 11 00-1331	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	83.75	12.90
		For Bituminous Coated Pipe, Add	*8.19*	
33 42 11 00-1332	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	108.00	16.59
		For Bituminous Coated Pipe, Add	*10.36*	
33 42 11 00-1333		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1322)*		
33 42 11 00-1334	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	103.31	12.90
		For Bituminous Coated Pipe, Add	*7.80*	
33 42 11 00-1335	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	132.39	16.59
		For Bituminous Coated Pipe, Add	*9.84*	
33 42 11 00-1336	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	168.98	21.76
		For Bituminous Coated Pipe, Add	*12.28*	
33 42 11 00-1337	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	195.60	25.72
		For Bituminous Coated Pipe, Add	*14.52*	
33 42 11 00-1338		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1322)*		
33 42 11 00-1339	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	200.08	21.76
		For Bituminous Coated Pipe, Add	*11.85*	
33 42 11 00-1340	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	231.94	25.72
		For Bituminous Coated Pipe, Add	*13.98*	
33 42 11 00-1341	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	269.55	29.67
		For Bituminous Coated Pipe, Add	*16.38*	
33 42 11 00-1342	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	301.86	33.63
		For Bituminous Coated Pipe, Add	*18.23*	
33 42 11 00-1343		3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1321)*		
33 42 11 00-1344		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1343)*		
33 42 11 00-1345	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	233.92	33.63
33 42 11 00-1346	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	256.11	35.61
33 42 11 00-1347	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	311.55	43.52
33 42 11 00-1348		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1343)*		
33 42 11 00-1349	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	285.68	33.63
33 42 11 00-1350	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	313.43	35.61
33 42 11 00-1351	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	374.16	43.52
33 42 11 00-1352	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	436.75	63.32
33 42 11 00-1353	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	471.19	69.25
33 42 11 00-1354	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	503.03	74.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1355		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1343)*		
33 42 11 00-1356	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	373.63	35.61
33 42 11 00-1357	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	437.68	43.52
33 42 11 00-1358	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	505.98	63.32
33 42 11 00-1359	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	546.15	69.25
33 42 11 00-1360	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	583.62	74.19
33 42 11 00-1361	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	621.07	79.14
33 42 11 00-1362		**Corrugated Steel Pipe Fittings** *(33 42 11 00-0437)*		
		Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1363		**Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings** *(33 42 11 00-1362)*		
		Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1364	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	82.91	
33 42 11 00-1365	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	103.96	
33 42 11 00-1366	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	125.03	
33 42 11 00-1367	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	147.41	
33 42 11 00-1368	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	178.99	
33 42 11 00-1369	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	210.56	
33 42 11 00-1370	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	242.16	
33 42 11 00-1371	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	273.73	
33 42 11 00-1372	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	356.65	
33 42 11 00-1373	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	425.07	
33 42 11 00-1374	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	493.52	
33 42 11 00-1375	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	638.28	
33 42 11 00-1376	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	719.89	
33 42 11 00-1377	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	804.12	
33 42 11 00-1378	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	890.97	
33 42 11 00-1379	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,085.75	
33 42 11 00-1380	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,184.43	
33 42 11 00-1381	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,285.77	
33 42 11 00-1382	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,577.94	
33 42 11 00-1383	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,693.77	
33 42 11 00-1384	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,810.89	
33 42 11 00-1385	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,928.01	
33 42 11 00-1386	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,043.82	
33 42 11 00-1387	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,160.96	
33 42 11 00-1388	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,284.45	
33 42 11 00-1389	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,415.01	
33 42 11 00-1390	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,552.99	
33 42 11 00-1391		**Fabricate Corrugated Steel Pipe Tees Or Laterals** *(33 42 11 00-1362)*		
		Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1392	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	107.92	
33 42 11 00-1393	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	138.19	
33 42 11 00-1394	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	168.44	
33 42 11 00-1395	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	198.72	
33 42 11 00-1396	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	242.16	
33 42 11 00-1397	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	286.89	
33 42 11 00-1398	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	331.66	
33 42 11 00-1399	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	376.37	
33 42 11 00-1400	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	493.52	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1401	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)		588.28	
33 42 11 00-1402	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)		684.34	
33 42 11 00-1403	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)		888.33	
33 42 11 00-1404	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)		1,000.20	
33 42 11 00-1405	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)		1,115.99	
33 42 11 00-1406	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)		1,234.44	
33 42 11 00-1407	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)		1,505.54	
33 42 11 00-1408	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)		1,639.80	
33 42 11 00-1409	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)		1,776.66	
33 42 11 00-1410	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)		2,185.93	
33 42 11 00-1411	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)		2,342.56	
33 42 11 00-1412	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)		2,499.17	
33 42 11 00-1413	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)		2,657.08	
33 42 11 00-1414	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)		2,815.01	
33 42 11 00-1415	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)		2,971.61	
33 42 11 00-1416	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)		3,136.93	
33 42 11 00-1417	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)		3,311.44	
33 42 11 00-1418	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)		3,495.64	
33 42 11 00-1419		Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 42 11 00-1362)*			
		Note: Applied to pipe tasks.			
33 42 11 00-1420	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting		41.27	
33 42 11 00-1421	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting		51.92	
33 42 11 00-1422	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting		65.30	
33 42 11 00-1423	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting		79.97	
33 42 11 00-1424	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		101.19	
33 42 11 00-1425	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		123.90	
33 42 11 00-1426	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		145.14	
33 42 11 00-1427	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		168.62	
33 42 11 00-1428	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		207.11	
33 42 11 00-1429	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		246.93	
33 42 11 00-1430	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		294.64	
33 42 11 00-1431	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		362.44	
33 42 11 00-1432	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		410.24	
33 42 11 00-1433	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		462.00	
33 42 11 00-1434	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		560.26	
33 42 11 00-1435	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		621.31	
33 42 11 00-1436	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		758.06	
33 42 11 00-1437	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		825.79	
33 42 11 00-1438	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		897.51	
33 42 11 00-1439	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		967.82	
33 42 11 00-1440	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,039.51	
33 42 11 00-1441	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,112.52	
33 42 11 00-1442	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,184.24	
33 42 11 00-1443	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,255.91	
33 42 11 00-1444	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,331.93	
33 42 11 00-1445	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,412.53	
33 42 11 00-1446	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting		1,498.02	
33 42 11 00-1447		Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1362)*			
33 42 11 00-1448	EA	6" Coupling Band, Corrugated Metal Pipe Fitting		11.71	
		For Bituminous Coated, Add		*3.40*	
33 42 11 00-1449	EA	8" Coupling Band, Corrugated Metal Pipe Fitting		15.55	
		For Bituminous Coated, Add		*4.51*	
33 42 11 00-1450	EA	10" Coupling Band, Corrugated Metal Pipe Fitting		19.59	
		For Bituminous Coated, Add		*5.68*	
33 42 11 00-1451	EA	12" Coupling Band, Corrugated Metal Pipe Fitting		32.52	
		For Bituminous Coated, Add		*9.43*	
33 42 11 00-1452	EA	15" Coupling Band, Corrugated Metal Pipe Fitting		41.00	
		For Bituminous Coated, Add		*11.89*	
33 42 11 00-1453	EA	18" Coupling Band, Corrugated Metal Pipe Fitting		60.16	
		For Bituminous Coated, Add		*17.45*	
33 42 11 00-1454	EA	21" Coupling Band, Corrugated Metal Pipe Fitting		71.40	
		For Bituminous Coated, Add		*20.71*	
33 42 11 00-1455	EA	24" Coupling Band, Corrugated Metal Pipe Fitting		80.96	
		For Bituminous Coated, Add		*23.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1456	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	140.11	
		For Bituminous Coated, Add	*40.63*	
33 42 11 00-1457	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	224.16	
		For Bituminous Coated, Add	*53.80*	
33 42 11 00-1458	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	263.38	
		For Bituminous Coated, Add	*63.21*	
33 42 11 00-1459	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	295.12	
		For Bituminous Coated, Add	*70.83*	
33 42 11 00-1460	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	418.53	
		For Bituminous Coated, Add	*100.45*	
33 42 11 00-1461	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	598.63	
		For Bituminous Coated, Add	*107.75*	
33 42 11 00-1462	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	735.70	
		For Bituminous Coated, Add	*132.43*	
33 42 11 00-1463	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	945.06	
		For Bituminous Coated, Add	*132.31*	
33 42 11 00-1464	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	1,010.80	
		For Bituminous Coated, Add	*141.51*	
33 42 11 00-1465	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	1,076.91	
		For Bituminous Coated, Add	*150.77*	
33 42 11 00-1466	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	1,142.69	
		For Bituminous Coated, Add	*159.98*	
33 42 11 00-1467	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	1,208.64	
		For Bituminous Coated, Add	*169.21*	
33 42 11 00-1468	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	1,274.75	
		For Bituminous Coated, Add	*178.47*	
33 42 11 00-1469	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	1,340.56	
		For Bituminous Coated, Add	*187.68*	
33 42 11 00-1470	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	1,587.75	
		For Bituminous Coated, Add	*190.53*	
33 42 11 00-1471	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	1,472.08	
		For Bituminous Coated, Add	*176.65*	
33 42 11 00-1472	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	1,537.69	
		For Bituminous Coated, Add	*184.52*	
33 42 11 00-1473	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	1,603.77	
		For Bituminous Coated, Add	*192.45*	
33 42 11 00-1474	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	1,669.92	
		For Bituminous Coated, Add	*200.39*	

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13 13)*

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0839 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	415.56	49.46
		For Each LF Of Cut-Off Section, Add	*16.62*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	468.97	49.46
		For Each LF Of Cut-Off Section, Add	*18.76*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	555.25	49.46
		For Each LF Of Cut-Off Section, Add	*22.21*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	666.33	61.82
		For Each LF Of Cut-Off Section, Add	*26.65*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	682.77	61.82
		For Each LF Of Cut-Off Section, Add	*27.31*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	690.98	61.82
		For Each LF Of Cut-Off Section, Add	*27.64*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	712.39	64.30
		For Each LF Of Cut-Off Section, Add	*28.50*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	716.50	64.30
		For Each LF Of Cut-Off Section, Add	*28.66*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	790.45	64.30
		For Each LF Of Cut-Off Section, Add	*31.62*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	810.29	74.19
		For Each LF Of Cut-Off Section, Add	*32.41*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	863.86	100.90
		For Each LF Of Cut-Off Section, Add	*34.55*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	794.56	64.30
		For Each LF Of Cut-Off Section, Add	*31.78*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	814.40	74.19
		For Each LF Of Cut-Off Section, Add	*32.58*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	826.72	74.19
		For Each LF Of Cut-Off Section, Add	*33.07*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	996.29	98.93
		For Each LF Of Cut-Off Section, Add	*39.85*	
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	999.58	98.93
		For Each LF Of Cut-Off Section, Add	*39.98*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,104.25	123.66
		For Each LF Of Cut-Off Section, Add	*44.17*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,102.29	98.93
		For Each LF Of Cut-Off Section, Add	*44.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,164.24	123.66
		For Each LF Of Cut-Off Section, Add	*46.57*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,168.34	123.66
		For Each LF Of Cut-Off Section, Add	*46.73*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,423.07	123.66
		For Each LF Of Cut-Off Section, Add	*56.92*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,489.10	148.38
		For Each LF Of Cut-Off Section, Add	*59.56*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,505.54	148.38
		For Each LF Of Cut-Off Section, Add	*60.22*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,509.65	148.38
		For Each LF Of Cut-Off Section, Add	*60.39*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,515.40	148.38
		For Each LF Of Cut-Off Section, Add	*60.62*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,571.58	173.12
		For Each LF Of Cut-Off Section, Add	*62.86*	
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,571.58	173.12
		For Each LF Of Cut-Off Section, Add	*62.86*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,571.58	173.12
		For Each LF Of Cut-Off Section, Add	*62.86*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,571.58	173.12
		For Each LF Of Cut-Off Section, Add	*62.86*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,294.98	197.85
		For Each LF Of Cut-Off Section, Add	*91.80*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,198.85	197.85
		For Each LF Of Cut-Off Section, Add	*127.95*	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0839 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,044.58	49.46
		For Each LF Of Cut-Off Section, Add	*41.78*	
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,123.50	49.46
		For Each LF Of Cut-Off Section, Add	*44.94*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,263.18	49.46
		For Each LF Of Cut-Off Section, Add	*50.53*	
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,427.63	61.82
		For Each LF Of Cut-Off Section, Add	*57.11*	
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,567.31	61.82
		For Each LF Of Cut-Off Section, Add	*62.69*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,706.99	61.82
		For Each LF Of Cut-Off Section, Add	*68.28*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,572.28	64.30
		For Each LF Of Cut-Off Section, Add	*62.89*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,711.96	64.30
		For Each LF Of Cut-Off Section, Add	*68.48*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,991.32	64.30
		For Each LF Of Cut-Off Section, Add	*79.65*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,871.48	74.19
		For Each LF Of Cut-Off Section, Add	*74.86*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,204.38	100.90
		For Each LF Of Cut-Off Section, Add	*88.18*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,711.96	64.30
		For Each LF Of Cut-Off Section, Add	*68.48*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,871.48	74.19
		For Each LF Of Cut-Off Section, Add	*74.86*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,011.16	74.19
		For Each LF Of Cut-Off Section, Add	*80.45*	
33 42 13 13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,200.41	98.93
		For Each LF Of Cut-Off Section, Add	*88.02*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,340.09	98.93
		For Each LF Of Cut-Off Section, Add	*93.60*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,669.07	123.66
		For Each LF Of Cut-Off Section, Add	*106.76*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,362.95	98.93
		For Each LF Of Cut-Off Section, Add	*94.52*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,711.11	123.66
		For Each LF Of Cut-Off Section, Add	*108.44*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,680.72	123.66
		For Each LF Of Cut-Off Section, Add	*107.23*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,846.58	123.66
		For Each LF Of Cut-Off Section, Add	*113.86*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,062.03	148.38
		For Each LF Of Cut-Off Section, Add	*122.48*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,227.89	148.38
		For Each LF Of Cut-Off Section, Add	*129.12*	
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	3,393.77	148.38
		For Each LF Of Cut-Off Section, Add	*135.75*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,559.63	148.38
		For Each LF Of Cut-Off Section, Add	*142.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,552.80	173.12
		For Each LF Of Cut-Off Section, Add	*142.11*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,741.33	173.12
		For Each LF Of Cut-Off Section, Add	*149.65*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,118.46	173.12
		For Each LF Of Cut-Off Section, Add	*164.74*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,495.59	173.12
		For Each LF Of Cut-Off Section, Add	*179.82*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	5,383.24	197.85
		For Each LF Of Cut-Off Section, Add	*215.33*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	6,807.92	197.85
		For Each LF Of Cut-Off Section, Add	*272.32*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*
Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*
Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*
Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,444.60	596.34
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,815.68	636.10
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,380.45	833.20
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,754.16	1,192.68
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,232.75	1,590.25
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,188.09	2,096.12
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	8,447.14	2,891.33
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,049.95	3,407.64
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	12,079.76	4,148.51
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	14,470.00	5,021.83

33 42 23 00-0014 Precast Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	884.96	165.88
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	912.60	175.10
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	1,003.30	199.05
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	1,110.28	211.95
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	1,509.12	248.82
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	1,690.48	258.04
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	2,238.48	305.28
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	2,476.27	336.34
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	2,736.76	356.12
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall	3,112.63	356.12
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall	3,785.28	445.16
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall	5,400.93	534.19

33 42 23 00-0027 Precast Concrete Wingwalls *(33 42 23 00-0001)*

33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,458.95	1,762.84
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,755.73	1,958.70
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,250.34	2,285.15
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	6,744.97	2,611.60
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,744.97	2,611.60
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,942.82	2,742.18
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	12,559.75	2,807.47
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	12,856.53	3,003.34

33 42 23 00-0036 Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*

33 42 23 00-0037	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	3,228.87	692.46

33 42 26 End Sections for Stormwater Piping *(33 42)*

33 42 26 16 Corrugated Metal End Sections for Stormwater Piping *(33 42 26)*

33 42 26 16-0001 Corrugated Metal Pipe End Sections *(33 42 26 16)*

33 42 26 16-0002 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*

33 42 26 16-0003 Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	247.71	64.51
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	286.69	69.11
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	333.74	73.73
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	402.97	80.64
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	446.14	87.54
33 42 26 16-0009		**Type 2 Galvanized Corrugated Steel Pipe End Sections** *(33 42 26 16-0002)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	713.52	99.07
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	927.19	118.71
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,415.30	138.49
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,727.28	158.27
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,059.06	197.85
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,405.62	237.42
33 42 26 16-0016		**Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections** *(33 42 26 16-0002)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	258.31	64.51
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	297.60	69.11
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	350.51	73.73
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	423.10	80.64
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	468.97	87.54
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	783.61	99.07
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,013.12	118.71
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,605.33	138.49
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,972.51	158.27
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,307.05	197.85
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,191.07	237.42
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,635.50	356.12
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,263.58	474.83
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,642.95	509.46
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	5,031.39	544.08
33 42 26 16-0032		**Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section** *(33 42 26 16-0002)*		
33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	31.91	
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	35.50	
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	39.92	
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	43.40	
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	48.54	
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	84.41	
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	90.85	
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	124.07	
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	132.89	
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	162.16	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	166.25	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	177.76	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	203.10	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	227.09	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	232.87	
33 42 26 16-0048		**Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0001)*		
33 42 26 16-0049		**Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)*		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	286.69	69.11
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	333.74	73.73
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	402.97	80.64
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	446.14	87.54
33 42 26 16-0054		**Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	277.54	69.11
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	316.81	73.73
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	354.50	80.64
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	399.87	87.54
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	581.56	99.07
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	846.79	118.71
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,310.98	138.49
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,657.76	158.27
33 42 26 16-0063		**Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	282.18	69.11
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	326.91	73.73
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	370.28	80.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	418.58	87.54
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	613.37	99.07
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	890.18	118.71
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,380.40	138.49
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,737.64	158.27
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,091.88	197.85
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,746.41	237.42
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,837.06	356.12
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,260.90	474.83
33 42 26 16-0076		Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0048)*		
33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	35.50	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	39.92	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	43.40	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	48.54	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	84.41	
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	90.85	
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	124.07	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	138.14	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	162.16	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	168.34	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	194.79	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	221.85	
33 42 26 16-0089		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0090		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	370.96	64.51
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	427.03	69.11
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	505.49	73.73
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	625.62	80.64
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	815.41	87.54
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,219.70	99.07
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,658.57	118.71
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,061.82	118.71
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,628.50	138.49
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,747.84	158.27
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,153.58	197.85
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,595.54	237.42
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,346.23	356.12
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,428.32	474.83
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,112.09	509.46
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,560.38	544.08
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	11,696.89	593.55
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,947.57	643.01
33 42 26 16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	58.07	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	61.55	
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	66.75	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	75.12	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	79.71	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	103.26	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	123.93	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	130.66	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	143.30	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	161.98	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	191.44	
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	266.91	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	287.96	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	365.86	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	396.03	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	422.03	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	449.32	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	476.98	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	440.07	69.11
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	537.26	73.73
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	583.48	80.64
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	629.67	87.54
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	941.10	99.07
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,677.10	118.71
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,779.34	118.71

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,376.33	138.49
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,649.64	158.27
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,180.24	197.85
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	5,054.10	237.42
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,462.64	356.12
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,892.01	474.83
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,681.10	509.46
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	10,105.83	544.08
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	11,015.48	593.55
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	11,670.95	643.01
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	61.55	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	66.75	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	70.41	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	77.12	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	88.45	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	115.41	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	126.15	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	143.30	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	161.98	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	191.44	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	243.03	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	307.95	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	415.85	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	472.12	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	494.60	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	513.01	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	535.49	
33 42 26 16-0165		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0166		4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	565.24	69.11
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	727.03	73.73
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	889.63	80.64
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,063.76	87.54
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,125.82	99.07
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,473.07	118.71
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,325.96	138.49
33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	402.01	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	804.33	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	882.65	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	917.73	
33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	591.72	69.11
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	774.65	73.73
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,029.79	80.64
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,209.43	87.54
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,435.05	99.07
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,746.01	118.71
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,667.45	138.49
33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	781.52	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	829.67	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	912.59	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	959.20	
33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)*		
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	68.57	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	76.92	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	83.72	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	93.48	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	140.56	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	150.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	202.45	
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	671.25	73.73
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	841.58	80.64
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	995.72	87.54
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,872.91	99.07
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)* Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	478.77	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	870.99	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	917.73	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,350.08	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	69.32	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	78.63	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	85.72	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	102.22	
33 42 26 19		**Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	54.64	18.20
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	102.00	27.32
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	138.58	34.14
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	218.25	54.62
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	259.29	61.45
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	275.22	66.01
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	328.06	72.84
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	424.14	86.48
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	877.39	97.87
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,070.57	109.25
33 42 26 23		**Concrete End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	601.23	108.10
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	805.57	133.81
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	997.94	169.39
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,146.31	202.56
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,220.91	234.44
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,541.78	294.80
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	1,917.72	442.78
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	2,369.54	558.72
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	2,870.42	700.88
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	3,149.18	790.41
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	3,438.30	885.37
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	3,734.84	984.30
33 42 26 23-0015	EA	66" Diameter Pipe Precast Concrete End Section	3,687.08	785.62
33 42 26 23-0016	EA	72" Diameter Pipe Precast Concrete End Section	4,234.13	982.00
33 42 26 23-0017	EA	78" Diameter Pipe Precast Concrete End Section	5,042.33	1,227.51
33 42 26 23-0018	EA	84" Diameter Pipe Precast Concrete End Section	5,969.21	1,473.01
33 42 26 23-0019		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0020	EA	12" Diameter Pipe, Flared Precast Concrete End Section	754.32	115.25
33 42 26 23-0021	EA	15" Diameter Pipe, Flared Precast Concrete End Section	908.95	143.63
33 42 26 23-0022	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,104.60	181.82
33 42 26 23-0023	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,263.60	217.44
33 42 26 23-0024	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,539.88	251.66
33 42 26 23-0025	EA	27" Diameter Pipe, Flared Precast Concrete End Section	1,871.46	401.93
33 42 26 23-0026	EA	30" Diameter Pipe, Flared Precast Concrete End Section	1,966.90	553.39
33 42 26 23-0027	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,650.27	698.41
33 42 26 23-0028	EA	42" Diameter Pipe, Flared Precast Concrete End Section	3,185.88	876.27
33 42 26 23-0029	EA	48" Diameter Pipe, Flared Precast Concrete End Section	3,453.15	988.26
33 42 26 23-0030	EA	54" Diameter Pipe, Flared Precast Concrete End Section	3,862.61	1,106.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 23-0031	EA	60" Diameter Pipe, Flared Precast Concrete End Section	4,280.10	1,229.43
33 42 26 23-0032	EA	66" Diameter Pipe, Flared Precast Concrete End Section	4,989.59	1,416.50
33 42 26 23-0033	EA	72" Diameter Pipe, Flared Precast Concrete End Section	5,809.32	1,581.00
33 42 26 23-0034	EA	78" Diameter Pipe, Flared Precast Concrete End Section	6,585.47	1,778.56
33 42 26 23-0035	EA	84" Diameter Pipe, Flared Precast Concrete End Section	7,585.60	1,975.91

33 42 31 Stormwater Area Drains and Inlets *(33 42)*

33 42 31 00-0001 Storm Drains *(33 42 31)*

33 42 31 00-0002 Catch Basins And Inlet Basins *(33 42 31 00-0001)*

Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*

Note: Inside dimensions.

33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,576.88	293.31
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,883.03	343.67
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,189.16	393.94
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,495.31	444.30
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,801.45	494.56

33 42 31 00-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,024.00	291.54
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,505.41	388.72
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,199.79	530.08
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,896.70	618.43
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,448.38	706.78

33 42 31 00-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,175.33	318.05
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,013.33	441.74
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,682.81	574.26
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,252.92	662.60
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,394.56	848.13

33 42 31 00-0022 Cast In Place, Catch Basin *(33 42 31 00-0002)*

Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.

33 42 31 00-0023 3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,087.72	354.62
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,213.18	377.06
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,437.85	404.98
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,730.90	448.27
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,963.78	477.16
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,100.63	500.40
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,333.68	529.28
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,467.39	552.61
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,701.95	581.41
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,837.29	604.74
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,070.25	633.62
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	508.80	79.15

33 42 31 00-0036 3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,399.64	409.93
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,557.88	438.73
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,791.75	467.62
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,134.05	517.90
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,387.95	550.58
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,545.66	577.70
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,802.52	610.39
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,960.23	637.51
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,215.56	670.20
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,373.30	697.33
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,628.71	730.01
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	578.61	91.26

33 42 31 00-0049 4' x 4', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,733.57	468.94
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,901.01	498.72
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,166.15	533.97
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,558.24	591.31
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,836.05	627.80
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,016.07	658.80
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,293.88	695.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,473.85	726.30
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,751.67	762.79
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,931.68	793.80
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,209.49	830.37
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	651.16	103.80
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,155.19	543.78
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,350.56	574.52
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,642.18	614.27
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,089.12	679.48
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,395.48	720.65
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,604.14	756.25
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,910.55	797.42
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,119.19	833.12
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,425.56	874.28
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,632.70	909.89
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,940.61	951.05
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	742.63	118.92
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,073.02	689.73
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,570.69	762.17
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,901.32	807.31
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,132.72	846.89
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,460.29	891.95
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,693.21	931.53
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,022.33	976.68
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,252.19	1,016.26
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,582.82	1,061.31
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,286.07	132.70
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,524.77	769.15
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,242.11	870.67
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,605.89	920.84
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,870.45	965.81
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,235.76	1,016.35
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,501.83	1,061.31
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,865.59	1,111.85
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,130.15	1,156.82
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,493.93	1,207.35
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	936.75	150.89
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,000.43	852.28
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,790.77	963.69
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,179.33	1,018.28
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,468.64	1,067.32
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,855.69	1,121.92
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,146.53	1,170.95
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,533.55	1,225.55
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,822.90	1,274.58
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,211.46	1,329.18
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,026.48	166.18
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,496.94	939.39
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,575.29	1,088.35
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,000.18	1,148.77
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,327.28	1,203.64
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,752.17	1,263.99
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,079.26	1,318.94
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,504.17	1,379.28
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,831.26	1,434.14
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,257.69	1,494.57
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,157.17	186.85
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	6,015.99	1,030.30
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,196.12	1,192.86
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,646.33	1,257.53
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,997.29	1,316.55
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,448.92	1,381.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,799.88	1,440.24
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,250.09	1,504.81
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,602.55	1,563.92
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,052.68	1,628.50
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,256.62	203.56
33 42 31 00-0130		**7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	6,799.97	1,156.37
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,842.35	1,301.62
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,316.34	1,370.44
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,694.12	1,433.69
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,169.53	1,502.52
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,547.30	1,565.77
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,021.29	1,634.59
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,399.08	1,697.85
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,874.57	1,766.67
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,359.29	220.87
33 42 31 00-0141		**8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	7,386.90	1,258.15
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,512.25	1,414.62
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,011.60	1,487.59
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,414.71	1,555.08
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,913.98	1,628.06
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,314.06	1,695.55
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,816.34	1,768.53
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,219.43	1,836.03
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,710.86	1,909.01
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,464.84	238.63
33 42 31 00-0152		**Precast Concrete Catch Basins** *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0153		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	636.17	200.28
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	886.60	300.43
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,124.92	390.56
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,346.50	461.66
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,659.58	585.84
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	1,899.04	675.96
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	132.39	45.07
33 42 31 00-0161		**2' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	724.49	222.81
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,004.15	330.47
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,269.04	435.62
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,514.05	508.22
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	1,877.59	650.92
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,145.78	751.07
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	149.65	54.08
33 42 31 00-0169		**3' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	953.54	262.88
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,303.89	388.56
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,640.25	513.23
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,042.76	640.91
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,413.74	764.09
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,772.25	889.26
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	190.91	63.51
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,151.40	292.42
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,499.18	400.57
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,012.87	600.85
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	2,511.83	751.07
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	2,970.24	901.29
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	3,414.79	1,051.50
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	234.59	75.11
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,550.63	400.57
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,127.22	600.85
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	2,706.75	801.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	3,311.74	1,001.42
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	3,908.25	1,201.71
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	4,549.56	1,402.00
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	312.14	100.15
33 42 31 00-0193		6' Diameter Precast Catch Basins *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,270.15	600.85
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,084.59	901.29
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	3,954.58	1,201.71
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	4,928.91	1,502.14
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	5,874.67	1,802.57
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	6,799.69	2,103.00
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	465.36	150.22
33 42 31 00-0201		Precast Catch Basins Accessories *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,393.75	650.92
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	622.17	80.11
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	353.27	85.12
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	441.97	125.18
		For Each Additional Inch In Height, Add	*52.78*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	521.56	150.22
		For Each Additional Inch In Height, Add	*61.87*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	608.31	175.25
		For Each Additional Inch In Height, Add	*72.21*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	764.13	250.35
		For Each Additional Inch In Height, Add	*85.67*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	600.82	
33 42 31 00-0210		Catch Basin Risers *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	378.89	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	423.67	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	476.93	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	407.99	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	455.77	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	514.80	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	451.64	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	494.05	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	553.28	
33 42 31 00-0220		Cast In Place, Storm Drain Cleanout *(33 42 31 00-0002)*		
		Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,413.94	699.54
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,020.49	798.31
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,697.99	906.00
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,843.65	1,086.84
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	8,305.09	1,312.13
33 42 31 00-0226		Precast Concrete Inlet Boxes *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0227		Precast Concrete Inlet Boxes *(33 42 31 00-0226)*		
33 42 31 00-0228		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
		Note: Yard inlet.		
33 42 31 00-0229		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	689.14	70.10
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	810.67	85.12
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	932.20	100.15
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,054.99	115.79
33 42 31 00-0234		24" x 24" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	176.61	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	283.13	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	399.65	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	516.18	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	632.70	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	749.22	
33 42 31 00-0241		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0242		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,424.43	197.85
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,603.49	228.77
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,782.57	259.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,961.79	290.66
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,141.01	321.66
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,320.23	352.64
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,499.44	383.63
33 42 31 00-0250		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	346.09	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	551.98	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	602.08	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	769.41	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	936.72	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,099.16	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,278.23	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,457.30	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,636.53	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,815.74	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,994.97	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,174.18	
33 42 31 00-0263		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0264		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,378.34	217.63
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,558.25	251.64
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,738.18	285.64
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,918.26	319.73
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,098.34	353.82
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,278.43	387.90
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,458.51	421.99
33 42 31 00-0272		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	344.93	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	543.46	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	594.91	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	759.25	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	923.59	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,086.94	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,264.15	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,440.35	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,617.54	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,793.75	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,970.95	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,148.16	
33 42 31 00-0285		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0286		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0285)*		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,635.59	237.42
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,846.76	276.00
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,057.92	315.56
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,268.09	354.15
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,479.26	393.72
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,690.42	432.30
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,900.59	470.88
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	379.57	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	610.73	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	663.67	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	849.59	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,035.53	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,221.48	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,420.76	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,620.05	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,819.34	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,018.64	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,217.94	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,417.22	
33 42 31 00-0307		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	930.24	148.38
33 42 31 00-0309		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0310		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,307.86	263.80
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,588.53	307.15
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,869.20	350.52
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,149.57	393.72
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,429.92	436.93
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,710.29	480.12
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,990.66	523.33
33 42 31 00-0318		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	381.92	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	602.24	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	878.64	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,155.04	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,414.95	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,691.34	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,972.02	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,252.69	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,533.06	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,813.41	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,093.78	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,374.15	
33 42 31 00-0331		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,010.94	160.75
33 42 31 00-0333		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0327)*		
33 42 31 00-0334		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,665.43	332.38
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,975.40	387.92
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,285.38	443.45
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,594.76	498.68
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,904.12	553.91
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,213.49	609.14
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,522.85	664.36
33 42 31 00-0342		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	420.50	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	647.11	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	956.81	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,266.52	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,548.52	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,858.24	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,168.21	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,478.19	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,787.56	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,096.92	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,406.29	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,715.65	
33 42 31 00-0355		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,124.15	180.05
33 42 31 00-0357		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0358		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0357)*		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,343.87	448.13
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,736.69	522.32
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,129.52	595.53
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,521.34	669.72
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,914.17	742.92
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,306.00	816.12
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,699.81	890.32
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	564.94	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	854.89	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,240.79	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,626.69	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,983.89	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,369.78	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,762.61	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,155.43	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,547.26	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,940.08	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,331.91	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,724.74	
33 42 31 00-0379		42" x 102" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	1,524.87	197.85
33 42 31 00-0381		Frames And Grates For Inlets *(33 42 31 00-0226)*		
33 42 31 00-0382		Inlet Frames And Grates *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy Duty Inlet Grate Note: For type A, B, D, or E inlets.	380.06	46.08
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	495.04	46.08
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	495.04	46.08
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	495.04	46.08
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	543.00	46.08
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	395.35	92.15
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	462.49	92.15
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	575.72	115.20
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	489.39	115.20
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	498.98	115.20
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	518.17	115.20
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	537.35	115.20
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	518.17	115.20
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	537.35	115.20
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	556.54	115.20
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	805.94	115.20
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	844.31	115.20
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	882.68	115.20
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	594.91	115.20
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	537.35	115.20
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	537.35	115.20
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,112.80	115.20
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,112.80	115.20
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	445.27	126.71
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	627.53	126.71
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	627.53	126.71
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	694.68	126.71
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	800.20	126.71
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	685.08	126.71
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	982.45	126.71
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	867.34	126.71
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,116.84	184.31
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	1,807.50	184.31
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,088.06	184.31
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,717.33	184.31
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,828.74	276.46
33 42 31 00-0419	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,865.91	368.62
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,051.42	368.62
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,051.42	368.62
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	1,811.61	368.62
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	1,811.61	368.62
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,128.16	368.62
33 42 31 00-0425		Concrete Drainage Inlet Structures (CALTRANS) *(33 42 31 00-0001)*		
33 42 31 00-0426		Type OS Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0427	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,433.53	
33 42 31 00-0428	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,827.58	
33 42 31 00-0429	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,193.60	
33 42 31 00-0430	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,531.56	
33 42 31 00-0431	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,841.47	
33 42 31 00-0432	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,123.34	
33 42 31 00-0433	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,610.69	
33 42 31 00-0434	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,541.39	
33 42 31 00-0435	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,400.64	
33 42 31 00-0436	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,190.45	
33 42 31 00-0437	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,951.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0438	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,650.82	
33 42 31 00-0439	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,289.55	
33 42 31 00-0440		**Type OL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0441	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,313.75	
33 42 31 00-0442	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,682.17	
33 42 31 00-0443	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,022.54	
33 42 31 00-0444	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,334.87	
33 42 31 00-0445	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,618.15	
33 42 31 00-0446	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,874.38	
33 42 31 00-0447	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,317.54	
33 42 31 00-0448	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,226.53	
33 42 31 00-0449	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,064.08	
33 42 31 00-0450	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,831.17	
33 42 31 00-0451	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,573.06	
33 42 31 00-0452	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,253.99	
33 42 31 00-0453	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,873.95	
33 42 31 00-0454		**Type OL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0455	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,124.94	
33 42 31 00-0456	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,469.94	
33 42 31 00-0457	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,785.91	
33 42 31 00-0458	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,074.82	
33 42 31 00-0459	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,334.69	
33 42 31 00-0460	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,566.50	
33 42 31 00-0461	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,024.41	
33 42 31 00-0462	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,910.68	
33 42 31 00-0463	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,727.51	
33 42 31 00-0464	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,472.89	
33 42 31 00-0465	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,195.01	
33 42 31 00-0466	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,857.16	
33 42 31 00-0467	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,457.34	
33 42 31 00-0468		**Type OL-14 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0469	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,281.29	
33 42 31 00-0470	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,591.76	
33 42 31 00-0471	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,874.18	
33 42 31 00-0472	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,128.55	
33 42 31 00-0473	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,354.88	
33 42 31 00-0474	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,553.17	
33 42 31 00-0475	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,025.79	
33 42 31 00-0476	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,881.22	
33 42 31 00-0477	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,666.21	
33 42 31 00-0478	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,380.74	
33 42 31 00-0479	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,077.19	
33 42 31 00-0480	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,711.67	
33 42 31 00-0481	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,285.18	
33 42 31 00-0482		**Type OL-21 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0483	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,628.54	
33 42 31 00-0484	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,870.31	
33 42 31 00-0485	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,084.04	
33 42 31 00-0486	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,269.71	
33 42 31 00-0487	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,426.35	
33 42 31 00-0488	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,555.93	
33 42 31 00-0489	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,984.37	
33 42 31 00-0490	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,779.04	
33 42 31 00-0491	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,503.26	
33 42 31 00-0492	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,157.03	
33 42 31 00-0493	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,800.86	
33 42 31 00-0494	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,382.71	
33 42 31 00-0495	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,903.61	
33 42 31 00-0496		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0497	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,021.39	
33 42 31 00-0498	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,428.06	
33 42 31 00-0499	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,802.55	
33 42 31 00-0500	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,144.84	
33 42 31 00-0501	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,455.95	
33 42 31 00-0502	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,735.87	
33 42 31 00-0503	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,304.20	
33 42 31 00-0504	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,316.61	
33 42 31 00-0505	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,249.79	
33 42 31 00-0506	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,102.77	
33 42 31 00-0507	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,929.18	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0508	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,687.02	
33 42 31 00-0509	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,375.30	
33 42 31 00-0510		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0511	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,901.60	
33 42 31 00-0512	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,281.64	
33 42 31 00-0513	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,630.49	
33 42 31 00-0514	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,948.15	
33 42 31 00-0515	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,233.63	
33 42 31 00-0516	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,486.90	
33 42 31 00-0517	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,055.23	
33 42 31 00-0518	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,044.00	
33 42 31 00-0519	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,953.55	
33 42 31 00-0520	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,783.91	
33 42 31 00-0521	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,589.82	
33 42 31 00-0522	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,327.16	
33 42 31 00-0523	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,995.92	
33 42 31 00-0524		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0525	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,639.62	
33 42 31 00-0526	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,960.45	
33 42 31 00-0527	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,257.80	
33 42 31 00-0528	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,533.64	
33 42 31 00-0529	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,787.99	
33 42 31 00-0530	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,018.87	
33 42 31 00-0531		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0532	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,260.95	
33 42 31 00-0533	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,621.58	
33 42 31 00-0534	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,956.56	
33 42 31 00-0535	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,265.92	
33 42 31 00-0536	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,549.64	
33 42 31 00-0537	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,806.72	
33 42 31 00-0538	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,154.18	
33 42 31 00-0539	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,012.86	
33 42 31 00-0540	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,806.77	
33 42 31 00-0541	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,535.92	
33 42 31 00-0542	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,238.23	
33 42 31 00-0543	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,884.52	
33 42 31 00-0544	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,473.80	
33 42 31 00-0545		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0546	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,777.69	
33 42 31 00-0547	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,094.06	
33 42 31 00-0548	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,387.96	
33 42 31 00-0549	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,660.35	
33 42 31 00-0550	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,909.27	
33 42 31 00-0551	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,136.69	
33 42 31 00-0552		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0553	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,191.91	
33 42 31 00-0554	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,554.76	
33 42 31 00-0555	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,891.98	
33 42 31 00-0556	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,202.57	
33 42 31 00-0557	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,488.52	
33 42 31 00-0558	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,747.82	
33 42 31 00-0559	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,124.72	
33 42 31 00-0560	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,985.02	
33 42 31 00-0561	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,779.55	
33 42 31 00-0562	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,509.31	
33 42 31 00-0563	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,212.11	
33 42 31 00-0564	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,858.89	
33 42 31 00-0565	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,449.66	
33 42 31 00-0566		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0567	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,260.95	
33 42 31 00-0568	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,621.58	
33 42 31 00-0569	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,956.56	
33 42 31 00-0570	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,265.92	
33 42 31 00-0571	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,549.64	
33 42 31 00-0572	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,806.72	
33 42 31 00-0573	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,154.18	
33 42 31 00-0574	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,012.86	
33 42 31 00-0575	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,806.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0576	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,535.92	
33 42 31 00-0577	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,238.23	
33 42 31 00-0578	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,884.52	
33 42 31 00-0579	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,473.80	
33 42 31 00-0580		**Type G-5 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0581	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,760.43	
33 42 31 00-0582	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,077.12	
33 42 31 00-0583	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,372.31	
33 42 31 00-0584	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,644.01	
33 42 31 00-0585	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,894.23	
33 42 31 00-0586	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,121.96	
33 42 31 00-0587		**Type G-6 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0588	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,794.95	
33 42 31 00-0589	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,111.03	
33 42 31 00-0590	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,404.60	
33 42 31 00-0591	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,675.70	
33 42 31 00-0592	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,924.31	
33 42 31 00-0593	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,151.41	
33 42 31 00-0594		**Type GT1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0595	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,003.10	
33 42 31 00-0596	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,497.69	
33 42 31 00-0597	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,991.04	
33 42 31 00-0598	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,381.89	
33 42 31 00-0599	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,770.47	
33 42 31 00-0600	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,124.72	
33 42 31 00-0601		**Type GT2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0602	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,641.68	
33 42 31 00-0603	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,180.16	
33 42 31 00-0604	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,679.05	
33 42 31 00-0605	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,139.32	
33 42 31 00-0606	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,559.97	
33 42 31 00-0607	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,942.02	
33 42 31 00-0608	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,952.16	
33 42 31 00-0609	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,218.12	
33 42 31 00-0610	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,387.11	
33 42 31 00-0611	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,460.12	
33 42 31 00-0612	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,495.20	
33 42 31 00-0613	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,446.29	
33 42 31 00-0614	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,313.39	
33 42 31 00-0615		**Type GT3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0616	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,985.83	
33 42 31 00-0617	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,480.74	
33 42 31 00-0618	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,941.31	
33 42 31 00-0619	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,366.54	
33 42 31 00-0620	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,755.44	
33 42 31 00-0621	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,109.99	
33 42 31 00-0622		**Type GT4 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0623	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,762.50	
33 42 31 00-0624	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,296.82	
33 42 31 00-0625	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,792.56	
33 42 31 00-0626	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,248.69	
33 42 31 00-0627	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,666.20	
33 42 31 00-0628	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,045.11	
33 42 31 00-0629	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,966.88	
33 42 31 00-0630	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,232.55	
33 42 31 00-0631	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,401.23	
33 42 31 00-0632	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,472.93	
33 42 31 00-0633	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,507.76	
33 42 31 00-0634	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,458.61	
33 42 31 00-0635	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,325.46	
33 42 31 00-0636		**Type GO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0637	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,140.13	
33 42 31 00-0638	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,487.96	
33 42 31 00-0639	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,810.75	
33 42 31 00-0640	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,108.53	
33 42 31 00-0641	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,381.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0642	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,630.00	
33 42 31 00-0643	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,992.18	
33 42 31 00-0644	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,825.33	
33 42 31 00-0645	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,594.04	
33 42 31 00-0646	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,300.32	
33 42 31 00-0647	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,981.92	
33 42 31 00-0648	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,607.57	
33 42 31 00-0649	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,179.28	
33 42 31 00-0650		Type GDO Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0651	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,795.97	
33 42 31 00-0652	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,253.19	
33 42 31 00-0653	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,677.64	
33 42 31 00-0654	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,070.37	
33 42 31 00-0655	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,429.33	
33 42 31 00-0656	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,756.56	
33 42 31 00-0657	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,420.63	
33 42 31 00-0658	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,494.43	
33 42 31 00-0659	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,486.53	
33 42 31 00-0660	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,397.98	
33 42 31 00-0661	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,276.29	
33 42 31 00-0662	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,083.85	
33 42 31 00-0663	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,820.67	
33 42 31 00-0664		Catch Basin Frames And Covers *(33 42 31 00-0001)*		
33 42 31 00-0665		Cast Iron Frames And Covers *(33 42 31 00-0664)*		
33 42 31 00-0666	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	456.83	100.15
33 42 31 00-0667	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	565.10	113.16
33 42 31 00-0668	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	628.78	117.17
33 42 31 00-0669	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	704.29	136.19
33 42 31 00-0670	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	811.45	155.22
33 42 31 00-0671	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	1,242.17	162.23
33 42 31 00-0672	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	693.05	123.18
33 42 31 00-0673	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	887.36	142.20
33 42 31 00-0674	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	992.81	148.21
33 42 31 00-0675	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	945.07	148.21
33 42 31 00-0676	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	977.81	154.22
33 42 31 00-0677	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	1,045.57	160.23
33 42 31 00-0678	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	1,239.74	172.24
33 42 31 00-0679		Area Yard Drain *(33 42 31 00-0001)* See CSI section 22 14 26 16-0001 for drains.		
33 42 31 00-0680		Ductile Iron Grates *(33 42 31 00-0679)* Note: Not for traffic loading.		
33 42 31 00-0681	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	164.11	34.14
33 42 31 00-0682	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	203.94	36.42
33 42 31 00-0683	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	494.35	45.52
33 42 31 00-0684	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	590.58	54.62
33 42 33		**Stormwater Curbside Drains and Inlets** *(33 42)*		
33 42 33 00-0001		Curb Inlet Frames And Covers *(33 42 33)*		
33 42 33 00-0002		Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*		
33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	847.73	117.17
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	908.93	136.19
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	940.21	136.19
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	1,030.21	160.23
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	1,025.89	171.25
33 42 36		**Stormwater Trench Drains** *(33 42)*		
33 42 36 00-0001		Modular Trench Drains *(33 42 36)* See CSI section 03 31 13 00-0011 for concrete.		
33 42 36 00-0002		Modular Trench Drains *(33 42 36 00-0001)* Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.		
33 42 36 00-0003		4" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0004		4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0003)*		
33 42 36 00-0005		4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C)	62.86	16.02
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.22*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*188.44*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*301.50*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*75.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*37.69*	
33 42 36 00-0007		Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*		
33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	47.94	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	57.95	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	57.95	
33 42 36 00-0011		6" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0012		6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0013		6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	193.21	16.02
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.22*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*188.44*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*301.50*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*75.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*37.69*	
33 42 36 00-0015		Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	87.87	
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	97.88	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	97.88	
33 42 36 00-0019		Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	169.55	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	169.55	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	803.83	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	1,557.59	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	188.44	
33 42 36 00-0025		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0026		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	281.78	16.02
		For Black Acid Resistant Coated Frame, Add	*71.61*	
		For Galvanized Top Frame Assembly, Add	*71.61*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*263.82*	
33 42 36 00-0028		Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	95.41	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	105.42	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	105.42	
33 42 36 00-0032		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	169.55	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	169.55	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	803.83	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,557.59	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	188.44	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	364.69	16.02
		For Black Acid Resistant Coated Frame, Add	*71.61*	
		For Galvanized Top Frame Assembly, Add	*71.61*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*263.82*	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	155.71	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	165.72	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	165.72	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	169.55	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	169.55	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	803.83	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,557.59	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	188.44	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	442.83	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	175.31	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	213.34	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	66.70	
33 42 36 00-0058		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0059		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0060		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	364.41	22.04
		For Acid Resistant Coated Top Frame, Add	*97.99*	
		For Galvanized Welded Frame Assembly, Add	*102.70*	
		For Type 304 Stainless Steel Top Frame, Add	*587.93*	
33 42 36 00-0062		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	181.22	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	194.58	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	194.58	
33 42 36 00-0066		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	303.20	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	397.42	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,584.55	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	3,092.07	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	376.88	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	458.63	22.04
		For Acid Resistant Coated Top Frame, Add	*97.99*	
		For Galvanized Welded Frame Assembly, Add	*102.70*	
		For Type 304 Stainless Steel Top Frame, Add	*587.93*	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	188.76	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	202.12	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	202.12	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	303.20	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	397.42	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,584.55	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,092.07	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	376.88	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	647.07	22.04
		For Acid Resistant Coated Top Frame, Add	*97.99*	
		For Galvanized Welded Frame Assembly, Add	*102.70*	
		For Type 304 Stainless Steel Top Frame, Add	*587.93*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	471.42	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	484.78	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	484.78	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	303.20	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	397.42	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,584.55	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,092.07	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	376.88	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	593.97	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	298.49	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	514.54	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	117.60	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0105)*		
33 42 36 00-0107		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	511.01	30.04
		For Acid Resistant Coated Frame, Add	*146.98*	
		For Galvanized Frame Assembly, Add	*146.98*	
		For Type 304 Stainless Steel Top Frame, Add	*904.51*	
33 42 36 00-0109		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	578.31	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	842.77	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	842.77	
33 42 36 00-0113		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	689.58	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	3,140.20	
33 42 36 00-0116	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	6,155.24	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	753.76	
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	40.59	3.00
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	42.68	3.00
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	34.31	3.00
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	91.87	3.00
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	34.31	3.00
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	91.87	3.00
33 42 36 00-0126		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	185.91	3.00
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	157.46	3.00
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	165.37	3.00
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	144.46	3.00
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	155.76	3.00
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	157.65	3.00

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	157.65	3.00
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	155.76	3.00
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	136.92	3.00
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	136.92	3.00
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	145.59	3.00
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	145.59	3.00
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	189.68	3.00
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	189.68	3.00
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	347.97	3.00
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	347.97	3.00
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	969.82	3.00
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	129.38	3.00
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	280.13	3.00
33 42 36 00-0146		12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	514.29	3.25
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	491.68	3.25
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	427.61	3.25
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	449.28	3.25
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	388.03	3.25
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	760.20	3.25
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	760.20	3.25
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	970.31	3.25
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	970.31	3.25
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,238.84	3.25
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,238.84	3.25
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,175.71	3.25
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	554.80	3.25
33 42 36 00-0160		23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	812.53	3.51
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	684.39	3.51
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,061.27	3.51
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	786.15	3.51

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	17,561.19
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	21,490.31
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	25,737.50
		For Interior Polyurethane Coating, Add	*1,340.10*

33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	27,286.26
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	31,386.20
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	38,333.30
		For Interior Polyurethane Coating, Add	*1,340.10*
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	44,620.38
		For Interior Polyurethane Coating, Add	*1,550.70*
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	59,232.23
		For Interior Polyurethane Coating, Add	*2,057.80*

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*

33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,097.14

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,491.75	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	885.52	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	654.47	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	221.24	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	3,712.68	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	7,425.38	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	11,138.14	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	661.43	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	784.66	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,569.31	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,509.26	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	950.24	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,241.83	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,725.97	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,166.21	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,078.88	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,126.33	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	6,470.30	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,284.28	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,565.40	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,458.81	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,224.59	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,486.46	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,763.72	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	103.97	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	117.45	

33 44 36 00-0041 Oil Skimmers *(33 44 36)*

33 44 36 00-0042 Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*

33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,010.48	580.68
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,246.28	580.68
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,032.32	580.68
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,334.70	580.68
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,280.12	580.68
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,479.89	580.68
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,331.42	580.68
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,632.72	580.68
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,651.10	774.41
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,903.27	774.41
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,717.69	774.41
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,080.12	774.41
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,288.62	774.41
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,540.79	774.41
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,342.11	774.41
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,705.63	774.41

33 44 36 00-0059 Oil Skimmers, Add-Ons *(33 44 36 00-0041)*

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	258.32
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	306.35

33 46 Stormwater Management *(33 40)*

33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

33 46 23 00-0001 Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) *(33 46 23)*

Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0002		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) *(33 46 23 00-0001)*			
33 46 23 00-0003	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)		534.47	
33 46 23 00-0004	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)		494.48	
33 46 23 00-0005	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)		465.04	
33 46 23 00-0006	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)		436.58	
33 46 23 00-0007	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)		215.50	
33 46 23 00-0008	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)		191.46	
33 46 23 00-0009	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)		177.17	
33 46 23 00-0010	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)		163.11	
33 46 23 00-0011		85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) *(33 46 23 00-0001)*			
33 46 23 00-0012	EA	Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)		300.88	
33 46 23 00-0013	EA	>10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)		276.39	
33 46 23 00-0014	EA	>20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)		259.02	
33 46 23 00-0015	EA	>30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)		243.09	
33 46 23 00-0016	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)		167.76	
33 46 23 00-0017	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)		149.92	
33 46 23 00-0018	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)		138.85	
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)		128.93	
33 46 23 00-0020		90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) *(33 46 23 00-0001)*			
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)		916.92	
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)		856.16	
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)		806.85	
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)		761.77	
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)		770.18	
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)		716.75	
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)		674.41	
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)		635.96	
33 46 23 00-0029		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) *(33 46 23 00-0001)*			
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)		555.51	
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)		514.49	
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)		484.03	
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)		454.61	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)		215.50	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)		187.49	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)		177.17	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)		163.11	
33 46 23 00-0038		52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) *(33 46 23 00-0001)*			
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)		952.14	
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)		887.98	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)		835.29	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)		789.27	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)		1,189.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,113.66	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,049.70	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	992.96	

33 46 23 00-0047 Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers *(33 46 23 00-0001)*

33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	53.91	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	68.30	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	89.41	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	112.94	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit Note: (2712AG6IPKIT)	678.09	

33 46 53 Stormwater Leaching Pits *(33 46)*

33 46 53 00-0001 Drainage Wells *(33 46 53)*
Note: Includes augering hole.

33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	28.27	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	34.35	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	45.68	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines *(33 52 16 13)*
Note: Excludes excavation and backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	16.53	2.61
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	19.02	2.86
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	21.73	2.94
33 52 16 13-0006	LF	1-1/4" (3.2 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	22.28	3.01
33 52 16 13-0007	LF	1-1/2" (3.6 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	23.12	3.05
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	24.50	3.28
33 52 16 13-0009	LF	2-1/2" (6.0 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	34.33	3.96
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	42.81	4.99
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	57.53	6.02
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	77.46	6.98
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	97.34	8.52
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	141.32	10.96

33 52 16 13-0015 Gas Line Taps *(33 52 16 13-0001)*
Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI *(33 52 16 13-0015)*

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	2,067.72
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	1,711.18
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	1,807.39
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	3,623.58
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	5,613.92

33 52 16 13-0022 Steel, Schedule 40 *(33 52 16 13-0015)*
Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,709.96
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,755.92
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,817.29
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,876.87
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,922.70
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,183.89
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,262.17

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0030		**Protective Pipe And Fitting Wrap** *(33 52 16 13-0001)* Note: Includes cleaning and priming pipe.		
33 52 16 13-0031		**Corrosion Protection Pipe Wrap For Pipe** *(33 52 16 13-0030)* Note: Field applied.		
33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	2.99	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.15	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.35	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.75	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.04	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.63	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.58	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	6.86	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.59	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	11.33	
33 52 16 13-0042		**Corrosion Resistance Wrap And Coat - Fittings** *(33 52 16 13-0030)* Note: Field applied.		
33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.73	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.73	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.94	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	24.60	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	24.60	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	29.12	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	38.93	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	52.51	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	53.03	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	60.91	
33 52 16 13-0053		**Service Fittings** *(33 52 16 13-0001)*		
33 52 16 13-0054		**Brass Fittings** *(33 52 16 13-0053)*		
33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	35.50	
33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	41.48	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	52.98	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	66.28	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	74.63	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	98.22	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	30.86	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	35.78	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	47.11	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	62.00	
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	71.40	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	97.31	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	25.62	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	33.21	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	43.29	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	62.05	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	75.79	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	103.60	
33 52 16 13-0073		**Anodless Gas Riser** *(33 52 16 13-0053)*		
33 52 16 13-0074	EA	3/4" Anodless Gas Riser	90.69	
33 52 16 13-0075	EA	1" Anodless Gas Riser	112.53	
33 52 16 13-0076	EA	1-1/4" Anodless Gas Riser	132.70	
33 52 16 13-0077	EA	1-1/2" Anodless Gas Riser	167.42	
33 52 16 13-0078	EA	2" Anodless Gas Riser	192.97	
33 52 16 13-0079		**Brass Service Adapter** *(33 52 16 13-0053)*		
33 52 16 13-0080	EA	1/2" Brass Service Adapter	67.65	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	74.45	
33 52 16 13-0082	EA	1" Brass Service Adapter	89.65	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	111.61	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	136.89	
33 52 16 13-0085	EA	2" Brass Service Adapter	167.88	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	297.36	
33 52 16 13-0087	EA	3" Brass Service Adapter	363.94	
33 52 16 13-0088	EA	4" Brass Service Adapter	528.43	
33 52 16 23		**Medium Density Polyethylene Piping for Natural Gas** *(33 52 16)*		
33 52 16 23-0001		**Medium Density Polyethylene (MDPE) Gas Distribution Piping** *(33 52 16 23)* Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.73	1.64
		For Colors, Add	*0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.15	1.75
		For SDR 13.5, Deduct	*-0.10*	
		For Colors, Add	*0.07*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.57	1.88
		For SDR 13.5, Deduct	*-0.13*	
		For Colors, Add	*0.08*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.01	2.00
		For SDR 13.5, Deduct	*-0.15*	
		For Colors, Add	*0.10*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.76	2.41
		For SDR 13.5, Deduct	*-0.21*	
		For Colors, Add	*0.14*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.54	2.62
		For SDR 13.5, Deduct	*-0.28*	
		For SDR 15.5, Deduct	*-0.52*	
		For Colors, Add	*0.18*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.28	3.06
		For SDR 13.5, Deduct	*-0.47*	
		For SDR 15.5, Deduct	*-0.86*	
		For Colors, Add	*0.30*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.12	3.64
		For SDR 13.5, Deduct	*-0.64*	
		For SDR 15.5, Deduct	*-1.17*	
		For Colors, Add	*0.41*	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	16.53	4.27
		For SDR 13.5, Deduct	*-1.18*	
		For SDR 15.5, Deduct	*-2.16*	
		For Colors, Add	*0.76*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	20.90	4.27
		For SDR 13.5, Deduct	*-1.63*	
		For SDR 15.5, Deduct	*-3.00*	
		For Colors, Add	*1.05*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	25.37	4.27
		For SDR 13.5, Deduct	*-2.09*	
		For SDR 15.5, Deduct	*-3.84*	
		For Colors, Add	*1.35*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	37.64	5.34
		For SDR 13.5, Deduct	*-3.48*	
		For SDR 15.5, Deduct	*-6.39*	
		For Colors, Add	*2.24*	

33 52 16 26 High Density Polyethylene Piping for Natural Gas *(33 52 16)*

33 52 16 26-0001 High Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*

Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe	3.79	1.64
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.25	1.75
		For SDR 13.5, Deduct	*-0.11*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.66	1.88
		For SDR 13.5, Deduct	*-0.14*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.14	2.00
		For SDR 13.5, Deduct	*-0.17*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.94	2.41
		For SDR 13.5, Deduct	*-0.24*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	6.76	2.62
		For SDR 13.5, Deduct	*-0.31*	
		For SDR 15.5, Deduct	*-0.57*	
		For SDR 17, Deduct	*-0.82*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	8.66	3.06
		For SDR 13.5, Deduct	*-0.51*	
		For SDR 15.5, Deduct	*-0.94*	
		For SDR 17, Deduct	*-1.37*	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	10.64	3.64
		For SDR 13.5, Deduct	*-0.70*	
		For SDR 15.5, Deduct	*-1.29*	
		For SDR 17, Deduct	*-1.87*	
		For SDR 21, Deduct	*-2.56*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	17.48	4.27
		For SDR 13.5, Deduct	*-1.29*	
		For SDR 15.5, Deduct	*-2.38*	
		For SDR 17, Deduct	*-3.46*	
		For SDR 21, Deduct	*-4.73*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	27.06	4.27
		For SDR 13.5, Deduct	*-2.30*	
		For SDR 15.5, Deduct	*-4.22*	
		For SDR 17, Deduct	*-6.13*	
		For SDR 21, Deduct	*-8.39*	
33 52 16 26-0012	LF	8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	40.44	5.34
		For SDR 13.5, Deduct	*-3.82*	
		For SDR 15.5, Deduct	*-7.03*	
		For SDR 17, Deduct	*-10.21*	
		For SDR 21, Deduct	*-13.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	228.51	16.81
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	232.33	16.81
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	241.48	19.96
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	835.68	23.11
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	883.96	35.80
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	2,493.01	80.32
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	3,468.04	106.44

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	544.38	65.80
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	1,087.03	100.63
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,289.07	100.63
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	2,878.99	125.79
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	3,247.53	154.82
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,322.68	125.79
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,801.10	154.82
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	6,362.13	164.50
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	9,024.24	193.53
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	13,768.09	319.33
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading *(33 59 16)*

Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	11,021.34	342.70
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	11,936.75	397.98
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	18,499.00	426.93
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	36,014.55	519.74
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	59,225.61	649.67

33 60 Hydronic and Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 00-0001 Glass Lined Steel Piping *(33 61 13)*

33 61 13 00-0002 Glass Lined Steel Pipe *(33 61 13 00-0001)*

Note: 150 PSIG

33 61 13 00-0003	EA	4" X 1' Glass Lined Steel Pipe	1,465.58	
33 61 13 00-0004	EA	4" X 2' Glass Lined Steel Pipe	1,618.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0005	EA	4" X 3' Glass Lined Steel Pipe	1,618.28	
33 61 13 00-0006	EA	4" X 4' Glass Lined Steel Pipe	1,923.67	
33 61 13 00-0007	EA	4" X 5' Glass Lined Steel Pipe	2,734.87	
33 61 13 00-0008	EA	4" X 10' Glass Lined Steel Pipe	3,167.51	
33 61 13 00-0009	EA	6" X 1' Glass Lined Steel Pipe	1,226.99	
33 61 13 00-0010	EA	6" X 2' Glass Lined Steel Pipe	2,658.52	
33 61 13 00-0011	EA	6" X 3' Glass Lined Steel Pipe	2,658.52	
33 61 13 00-0012	EA	6" X 4' Glass Lined Steel Pipe	3,011.63	
33 61 13 00-0013	EA	6" X 5' Glass Lined Steel Pipe	4,859.89	
33 61 13 00-0014	EA	6" X 10' Glass Lined Steel Pipe	5,624.46	
33 61 13 00-0015	EA	8" X 1' Glass Lined Steel Pipe	3,032.85	
33 61 13 00-0016	EA	8" X 2' Glass Lined Steel Pipe	3,653.17	
33 61 13 00-0017	EA	8" X 3' Glass Lined Steel Pipe	3,653.17	
33 61 13 00-0018	EA	8" X 4' Glass Lined Steel Pipe	4,201.40	
33 61 13 00-0019	EA	8" X 5' Glass Lined Steel Pipe	5,691.26	
33 61 13 00-0020	EA	8" X 10' Glass Lined Steel Pipe	6,468.53	
33 61 13 00-0021	EA	12" X 1' Glass Lined Steel Pipe	8,231.07	
33 61 13 00-0022	EA	12" X 2' Glass Lined Steel Pipe	8,231.07	
33 61 13 00-0023	EA	12" X 3' Glass Lined Steel Pipe	8,530.10	
33 61 13 00-0024	EA	12" X 4' Glass Lined Steel Pipe	9,097.35	
33 61 13 00-0025	EA	12" X 5' Glass Lined Steel Pipe	10,208.58	
33 61 13 00-0026	EA	12" X 10' Glass Lined Steel Pipe	12,611.37	
33 61 13 00-0027	EA	16" X 10' Glass Lined Steel Pipe	17,178.88	

33 61 13 00-0028 90 Degree Elbow, Glass Lined Steel Fittings *(33 61 13 00-0001)*

Note: 150 PSIG

33 61 13 00-0029	EA	4" 90 Degree Elbow, Glass Lined Steel Fittings	1,745.22	
33 61 13 00-0030	EA	6" 90 Degree Elbow, Glass Lined Steel Fittings	2,857.28	
33 61 13 00-0031	EA	8" 90 Degree Elbow, Glass Lined Steel Fittings	5,279.96	
33 61 13 00-0032	EA	10" 90 Degree Elbow, Glass Lined Steel Fittings	9,384.88	
33 61 13 00-0033	EA	12" 90 Degree Elbow, Glass Lined Steel Fittings	13,882.80	
33 61 13 00-0034	EA	14" 90 Degree Elbow, Glass Lined Steel Fittings	16,311.45	
33 61 13 00-0035	EA	16" 90 Degree Elbow, Glass Lined Steel Fittings	18,739.76	

33 61 13 00-0036 45 Degree Elbow, Glass Lined Steel Fittings *(33 61 13 00-0001)*

Note: 150 PSIG

33 61 13 00-0037	EA	4" 45 Degree Elbow, Glass Lined Steel Fittings	1,710.22	
33 61 13 00-0038	EA	6" 45 Degree Elbow, Glass Lined Steel Fittings	2,857.28	
33 61 13 00-0039	EA	8" 45 Degree Elbow, Glass Lined Steel Fittings	5,521.73	
33 61 13 00-0040	EA	10" 45 Degree Elbow, Glass Lined Steel Fittings	15,607.25	
33 61 13 00-0041	EA	12" 45 Degree Elbow, Glass Lined Steel Fittings	13,882.80	
33 61 13 00-0042	EA	14" 45 Degree Elbow, Glass Lined Steel Fittings	16,311.45	
33 61 13 00-0043	EA	16" 45 Degree Elbow, Glass Lined Steel Fittings	18,739.76	

33 61 13 00-0044 Tee, Glass Lined Steel Fittings *(33 61 13 00-0001)*

Note: 150 PSIG

33 61 13 00-0045	EA	4" Tee, Glass Lined Steel Fittings	2,712.36	
33 61 13 00-0046	EA	6" Tee, Glass Lined Steel Fittings	4,665.77	
33 61 13 00-0047	EA	8" Tee, Glass Lined Steel Fittings	6,918.89	
33 61 13 00-0048	EA	10" Tee, Glass Lined Steel Fittings	11,944.47	
33 61 13 00-0049	EA	12" Tee, Glass Lined Steel Fittings	17,008.06	
33 61 13 00-0050	EA	14" Tee, Glass Lined Steel Fittings	20,042.53	
33 61 13 00-0051	EA	16" Tee, Glass Lined Steel Fittings	23,026.84	

33 61 13 00-0052 Prefabricated/Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.

33 61 13 00-0053 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 00-0052)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0054 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0055	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	144.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.42*	
		For Schedule 80 Pipe, Add	*24.18*	
33 61 13 00-0056	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	158.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.66*	
		For Schedule 80 Pipe, Add	*26.59*	
33 61 13 00-0057	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	177.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.00*	
		For Schedule 80 Pipe, Add	*29.95*	
33 61 13 00-0058	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	189.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.21*	
		For Schedule 80 Pipe, Add	*32.15*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0059		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	198.68	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.36*	
			For Schedule 80 Pipe, Add	*33.61*	
33 61 13 00-0060		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	220.54	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.65*	
			For Schedule 80 Pipe, Add	*36.53*	
33 61 13 00-0061		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	243.49	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.95*	
			For Schedule 80 Pipe, Add	*39.45*	
33 61 13 00-0062		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	307.28	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.97*	
			For Schedule 80 Pipe, Add	*49.68*	
33 61 13 00-0063		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	389.93	
			For High Density Polyethylene (HDPE) Jacket, Add	*6.36*	
			For Schedule 80 Pipe, Add	*63.56*	
33 61 13 00-0064		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	453.45	
			For High Density Polyethylene (HDPE) Jacket, Add	*7.38*	
			For Schedule 80 Pipe, Add	*73.79*	
33 61 13 00-0065		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	639.07	
			For High Density Polyethylene (HDPE) Jacket, Add	*10.74*	
			For Schedule 80 Pipe, Add	*107.40*	
33 61 13 00-0066		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	830.17	
			For High Density Polyethylene (HDPE) Jacket, Add	*14.17*	
			For Schedule 80 Pipe, Add	*141.73*	
33 61 13 00-0067		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,033.52	
			For High Density Polyethylene (HDPE) Jacket, Add	*17.68*	
			For Schedule 80 Pipe, Add	*176.80*	

33 61 13 00-0068 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0069		LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	156.84	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.66*	
			For Schedule 80 Pipe, Add	*26.60*	
33 61 13 00-0070		LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	172.00	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.93*	
			For Schedule 80 Pipe, Add	*29.25*	
33 61 13 00-0071		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	192.08	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.30*	
			For Schedule 80 Pipe, Add	*32.95*	
33 61 13 00-0072		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	205.67	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.54*	
			For Schedule 80 Pipe, Add	*35.36*	
33 61 13 00-0073		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	215.48	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.70*	
			For Schedule 80 Pipe, Add	*36.97*	
33 61 13 00-0074		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	238.80	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.02*	
			For Schedule 80 Pipe, Add	*40.18*	
33 61 13 00-0075		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	263.22	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.34*	
			For Schedule 80 Pipe, Add	*43.40*	
33 61 13 00-0076		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.12	
			For High Density Polyethylene (HDPE) Jacket, Add	*5.46*	
			For Schedule 80 Pipe, Add	*54.65*	
33 61 13 00-0077		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	421.71	
			For High Density Polyethylene (HDPE) Jacket, Add	*6.99*	
			For Schedule 80 Pipe, Add	*69.92*	
33 61 13 00-0078		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	490.34	
			For High Density Polyethylene (HDPE) Jacket, Add	*8.12*	
			For Schedule 80 Pipe, Add	*81.17*	
33 61 13 00-0079		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	692.77	
			For High Density Polyethylene (HDPE) Jacket, Add	*11.81*	
			For Schedule 80 Pipe, Add	*118.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0080	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	901.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.59*	
		For Schedule 80 Pipe, Add	*155.91*	
33 61 13 00-0081	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,121.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.45*	
		For Schedule 80 Pipe, Add	*194.48*	
33 61 13 00-0082		Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0083	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	162.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.78*	
		For Schedule 80 Pipe, Add	*27.81*	
33 61 13 00-0084	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	178.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.06*	
		For Schedule 80 Pipe, Add	*30.58*	
33 61 13 00-0085	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	199.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.44*	
		For Schedule 80 Pipe, Add	*34.45*	
33 61 13 00-0086	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	213.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.70*	
		For Schedule 80 Pipe, Add	*36.97*	
33 61 13 00-0087	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	223.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.86*	
		For Schedule 80 Pipe, Add	*38.65*	
33 61 13 00-0088	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	247.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.20*	
		For Schedule 80 Pipe, Add	*42.01*	
33 61 13 00-0089	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	273.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.54*	
		For Schedule 80 Pipe, Add	*45.37*	
33 61 13 00-0090	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	344.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.71*	
		For Schedule 80 Pipe, Add	*57.13*	
33 61 13 00-0091	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	437.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.31*	
		For Schedule 80 Pipe, Add	*73.10*	
33 61 13 00-0092	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	508.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.49*	
		For Schedule 80 Pipe, Add	*84.86*	
33 61 13 00-0093	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	719.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.35*	
		For Schedule 80 Pipe, Add	*123.51*	
33 61 13 00-0094	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	936.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.30*	
		For Schedule 80 Pipe, Add	*162.99*	
33 61 13 00-0095	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,166.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.33*	
		For Schedule 80 Pipe, Add	*203.32*	
33 61 13 00-0096		Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0097	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	171.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.96*	
		For Schedule 80 Pipe, Add	*29.62*	
33 61 13 00-0098	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	188.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.26*	
		For Schedule 80 Pipe, Add	*32.58*	
33 61 13 00-0099	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	210.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.67*	
		For Schedule 80 Pipe, Add	*36.69*	
33 61 13 00-0100	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	225.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.94*	
		For Schedule 80 Pipe, Add	*39.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0101	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	236.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.12*	
		For Schedule 80 Pipe, Add	*41.17*	
33 61 13 00-0102	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	261.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.47*	
		For Schedule 80 Pipe, Add	*44.75*	
33 61 13 00-0103	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	287.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.83*	
		For Schedule 80 Pipe, Add	*48.33*	
33 61 13 00-0104	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	363.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.09*	
		For Schedule 80 Pipe, Add	*60.86*	
33 61 13 00-0105	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	461.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.79*	
		For Schedule 80 Pipe, Add	*77.86*	
33 61 13 00-0106	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	536.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.04*	
		For Schedule 80 Pipe, Add	*90.39*	
33 61 13 00-0107	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	759.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.16*	
		For Schedule 80 Pipe, Add	*131.56*	
33 61 13 00-0108	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	989.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.36*	
		For Schedule 80 Pipe, Add	*173.62*	
33 61 13 00-0109	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,232.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.66*	
		For Schedule 80 Pipe, Add	*216.58*	

33 61 13 00-0110 Preinsulated Black Steel Fittings *(33 61 13 00-0052)*

Note: No excavation or backfill.

33 61 13 00-0111 Elbows *(33 61 13 00-0110)*

33 61 13 00-0112 Elbows *(33 61 13 00-0111)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0113	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	891.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.66*	
33 61 13 00-0114	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	918.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.03*	
33 61 13 00-0115	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,050.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.24*	
33 61 13 00-0116	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,163.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.89*	
33 61 13 00-0117	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,289.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.72*	
33 61 13 00-0118	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,448.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.55*	
33 61 13 00-0119	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,678.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.87*	
33 61 13 00-0120	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,958.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.01*	
33 61 13 00-0121	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,408.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.30*	
33 61 13 00-0122	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,688.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.37*	
33 61 13 00-0123	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,823.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*61.25*	
33 61 13 00-0124	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,068.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*78.28*	
33 61 13 00-0125	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,566.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*103.61*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0126			**Elbows** *(33 61 13 00-0111)*		
			Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61 13 00-0127	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	950.32	
			For High Density Polyethylene (HDPE) Jacket, Add	*16.83*	
	33 61 13 00-0128	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	978.53	
			For High Density Polyethylene (HDPE) Jacket, Add	*17.23*	
	33 61 13 00-0129	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,118.64	
			For High Density Polyethylene (HDPE) Jacket, Add	*19.60*	
	33 61 13 00-0130	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,238.52	
			For High Density Polyethylene (HDPE) Jacket, Add	*21.39*	
	33 61 13 00-0131	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,367.68	
			For High Density Polyethylene (HDPE) Jacket, Add	*22.28*	
	33 61 13 00-0132	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,529.57	
			For High Density Polyethylene (HDPE) Jacket, Add	*23.17*	
	33 61 13 00-0133	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,771.47	
			For High Density Polyethylene (HDPE) Jacket, Add	*26.73*	
	33 61 13 00-0134	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,067.08	
			For High Density Polyethylene (HDPE) Jacket, Add	*31.19*	
	33 61 13 00-0135	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,548.31	
			For High Density Polyethylene (HDPE) Jacket, Add	*40.10*	
	33 61 13 00-0136	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,847.64	
			For High Density Polyethylene (HDPE) Jacket, Add	*45.54*	
	33 61 13 00-0137	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,053.56	
			For High Density Polyethylene (HDPE) Jacket, Add	*65.84*	
	33 61 13 00-0138	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,362.30	
			For High Density Polyethylene (HDPE) Jacket, Add	*84.16*	
	33 61 13 00-0139	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,955.21	
			For High Density Polyethylene (HDPE) Jacket, Add	*111.38*	
33 61 13 00-0140			**Elbows** *(33 61 13 00-0111)*		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61 13 00-0141	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,009.04	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.01*	
	33 61 13 00-0142	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,038.63	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.43*	
	33 61 13 00-0143	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,187.03	
			For High Density Polyethylene (HDPE) Jacket, Add	*20.97*	
	33 61 13 00-0144	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,313.12	
			For High Density Polyethylene (HDPE) Jacket, Add	*22.88*	
	33 61 13 00-0145	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,445.39	
			For High Density Polyethylene (HDPE) Jacket, Add	*23.83*	
	33 61 13 00-0146	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,610.39	
			For High Density Polyethylene (HDPE) Jacket, Add	*24.78*	
	33 61 13 00-0147	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,864.72	
			For High Density Polyethylene (HDPE) Jacket, Add	*28.60*	
	33 61 13 00-0148	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,175.88	
			For High Density Polyethylene (HDPE) Jacket, Add	*33.36*	
	33 61 13 00-0149	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,688.18	
			For High Density Polyethylene (HDPE) Jacket, Add	*42.90*	
	33 61 13 00-0150	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,006.51	
			For High Density Polyethylene (HDPE) Jacket, Add	*48.72*	
	33 61 13 00-0151	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,283.24	
			For High Density Polyethylene (HDPE) Jacket, Add	*70.43*	
	33 61 13 00-0152	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,655.86	
			For High Density Polyethylene (HDPE) Jacket, Add	*90.03*	
	33 61 13 00-0153	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,343.75	
			For High Density Polyethylene (HDPE) Jacket, Add	*119.15*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0154		Elbows *(33 61 13 00-0111)*			
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0155	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,067.75	
		For High Density Polyethylene (HDPE) Jacket, Add		*19.18*	
33 61 13 00-0156	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,098.72	
		For High Density Polyethylene (HDPE) Jacket, Add		*19.63*	
33 61 13 00-0157	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,255.41	
		For High Density Polyethylene (HDPE) Jacket, Add		*22.34*	
33 61 13 00-0158	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,387.72	
		For High Density Polyethylene (HDPE) Jacket, Add		*24.37*	
33 61 13 00-0159	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,523.10	
		For High Density Polyethylene (HDPE) Jacket, Add		*25.39*	
33 61 13 00-0160	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,691.21	
		For High Density Polyethylene (HDPE) Jacket, Add		*26.40*	
33 61 13 00-0161	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,957.97	
		For High Density Polyethylene (HDPE) Jacket, Add		*30.46*	
33 61 13 00-0162	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,284.67	
		For High Density Polyethylene (HDPE) Jacket, Add		*35.54*	
33 61 13 00-0163	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,828.06	
		For High Density Polyethylene (HDPE) Jacket, Add		*45.69*	
33 61 13 00-0164	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,165.38	
		For High Density Polyethylene (HDPE) Jacket, Add		*51.90*	
33 61 13 00-0165	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,512.91	
		For High Density Polyethylene (HDPE) Jacket, Add		*75.03*	
33 61 13 00-0166	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		5,949.43	
		For High Density Polyethylene (HDPE) Jacket, Add		*95.90*	
33 61 13 00-0167	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		7,732.30	
		For High Density Polyethylene (HDPE) Jacket, Add		*126.93*	
33 61 13 00-0168		Tees *(33 61 13 00-0110)*			
33 61 13 00-0169		Tees *(33 61 13 00-0168)*			
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0170	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,325.61	
		For High Density Polyethylene (HDPE) Jacket, Add		*23.25*	
33 61 13 00-0171	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,365.47	
		For High Density Polyethylene (HDPE) Jacket, Add		*23.80*	
33 61 13 00-0172	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,561.52	
		For High Density Polyethylene (HDPE) Jacket, Add		*27.08*	
33 61 13 00-0173	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,730.75	
		For High Density Polyethylene (HDPE) Jacket, Add		*29.54*	
33 61 13 00-0174	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,918.96	
		For High Density Polyethylene (HDPE) Jacket, Add		*30.77*	
33 61 13 00-0175	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,156.30	
		For High Density Polyethylene (HDPE) Jacket, Add		*32.00*	
33 61 13 00-0176	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,498.69	
		For High Density Polyethylene (HDPE) Jacket, Add		*36.93*	
33 61 13 00-0177	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,915.67	
		For High Density Polyethylene (HDPE) Jacket, Add		*43.08*	
33 61 13 00-0178	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,587.54	
		For High Density Polyethylene (HDPE) Jacket, Add		*55.39*	
33 61 13 00-0179	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,002.18	
		For High Density Polyethylene (HDPE) Jacket, Add		*62.91*	
33 61 13 00-0180	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		5,688.50	
		For High Density Polyethylene (HDPE) Jacket, Add		*90.95*	
33 61 13 00-0181	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		7,546.43	
		For High Density Polyethylene (HDPE) Jacket, Add		*116.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0182	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,772.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*153.86*	

33 61 13 00-0183 Tees *(33 61 13 00-0168)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0184	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,412.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.99*	
33 61 13 00-0185	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,454.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.58*	
33 61 13 00-0186	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,663.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.11*	
33 61 13 00-0187	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,841.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.76*	
33 61 13 00-0188	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,034.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.08*	
33 61 13 00-0189	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,276.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.40*	
33 61 13 00-0190	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,637.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.70*	
33 61 13 00-0191	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,077.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*46.31*	
33 61 13 00-0192	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,795.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*59.55*	
33 61 13 00-0193	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,238.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*67.63*	
33 61 13 00-0194	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,029.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*97.77*	
33 61 13 00-0195	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,982.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*124.97*	
33 61 13 00-0196	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,349.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*165.40*	

33 61 13 00-0197 Tees *(33 61 13 00-0168)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0198	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,499.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.74*	
33 61 13 00-0199	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,543.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.37*	
33 61 13 00-0200	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,764.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.14*	
33 61 13 00-0201	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,952.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.97*	
33 61 13 00-0202	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,149.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.39*	
33 61 13 00-0203	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,396.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.80*	
33 61 13 00-0204	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,775.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.47*	
33 61 13 00-0205	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,238.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*49.54*	
33 61 13 00-0206	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,002.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*63.70*	
33 61 13 00-0207	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,474.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*72.35*	
33 61 13 00-0208	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,370.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*104.59*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0209	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		8,418.33	
		For High Density Polyethylene (HDPE) Jacket, Add		*133.69*	
33 61 13 00-0210	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		10,926.26	
		For High Density Polyethylene (HDPE) Jacket, Add		*176.94*	

33 61 13 00-0211 Tees *(33 61 13 00-0168)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0212	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,587.18	
		For High Density Polyethylene (HDPE) Jacket, Add		*28.48*	
33 61 13 00-0213	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,633.20	
		For High Density Polyethylene (HDPE) Jacket, Add		*29.15*	
33 61 13 00-0214	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,866.18	
		For High Density Polyethylene (HDPE) Jacket, Add		*33.17*	
33 61 13 00-0215	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,063.09	
		For High Density Polyethylene (HDPE) Jacket, Add		*36.19*	
33 61 13 00-0216	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,265.16	
		For High Density Polyethylene (HDPE) Jacket, Add		*37.70*	
33 61 13 00-0217	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,516.34	
		For High Density Polyethylene (HDPE) Jacket, Add		*39.20*	
33 61 13 00-0218	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,914.12	
		For High Density Polyethylene (HDPE) Jacket, Add		*45.24*	
33 61 13 00-0219	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,400.34	
		For High Density Polyethylene (HDPE) Jacket, Add		*52.78*	
33 61 13 00-0220	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,210.69	
		For High Density Polyethylene (HDPE) Jacket, Add		*67.85*	
33 61 13 00-0221	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,709.95	
		For High Density Polyethylene (HDPE) Jacket, Add		*77.07*	
33 61 13 00-0222	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		6,711.70	
		For High Density Polyethylene (HDPE) Jacket, Add		*111.41*	
33 61 13 00-0223	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		8,854.28	
		For High Density Polyethylene (HDPE) Jacket, Add		*142.41*	
33 61 13 00-0224	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		11,503.25	
		For High Density Polyethylene (HDPE) Jacket, Add		*188.48*	

33 61 13 00-0225 Reducers *(33 61 13 00-0110)*

33 61 13 00-0226 Reducers *(33 61 13 00-0225)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0227	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		747.67	
		For High Density Polyethylene (HDPE) Jacket, Add		*13.00*	
33 61 13 00-0228	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		770.47	
		For High Density Polyethylene (HDPE) Jacket, Add		*13.30*	
33 61 13 00-0229	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		881.40	
		For High Density Polyethylene (HDPE) Jacket, Add		*15.14*	
33 61 13 00-0230	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		977.82	
		For High Density Polyethylene (HDPE) Jacket, Add		*16.51*	
33 61 13 00-0231	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,088.34	
		For High Density Polyethylene (HDPE) Jacket, Add		*17.20*	
33 61 13 00-0232	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,236.80	
		For High Density Polyethylene (HDPE) Jacket, Add		*17.89*	
33 61 13 00-0233	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,426.87	
		For High Density Polyethylene (HDPE) Jacket, Add		*20.64*	
33 61 13 00-0234	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,660.69	
		For High Density Polyethylene (HDPE) Jacket, Add		*24.08*	
33 61 13 00-0235	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,037.21	
		For High Density Polyethylene (HDPE) Jacket, Add		*30.96*	
33 61 13 00-0236	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,271.80	
		For High Density Polyethylene (HDPE) Jacket, Add		*35.16*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0237		EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,227.31	
			For High Density Polyethylene (HDPE) Jacket, Add	*50.83*	
33 61 13 00-0238		EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,288.35	
			For High Density Polyethylene (HDPE) Jacket, Add	*64.98*	
33 61 13 00-0239		EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,545.24	
			For High Density Polyethylene (HDPE) Jacket, Add	*86.00*	

33 61 13 00-0240 Reducers *(33 61 13 00-0225)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0241		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	796.41	
			For High Density Polyethylene (HDPE) Jacket, Add	*13.97*	
33 61 13 00-0242		EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	820.35	
			For High Density Polyethylene (HDPE) Jacket, Add	*14.30*	
33 61 13 00-0243		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	938.16	
			For High Density Polyethylene (HDPE) Jacket, Add	*16.27*	
33 61 13 00-0244		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,039.74	
			For High Density Polyethylene (HDPE) Jacket, Add	*17.75*	
33 61 13 00-0245		EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,152.84	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.49*	
33 61 13 00-0246		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,303.88	
			For High Density Polyethylene (HDPE) Jacket, Add	*19.23*	
33 61 13 00-0247		EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,504.27	
			For High Density Polyethylene (HDPE) Jacket, Add	*22.19*	
33 61 13 00-0248		EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,750.99	
			For High Density Polyethylene (HDPE) Jacket, Add	*25.89*	
33 61 13 00-0249		EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,153.30	
			For High Density Polyethylene (HDPE) Jacket, Add	*33.28*	
33 61 13 00-0250		EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,403.67	
			For High Density Polyethylene (HDPE) Jacket, Add	*37.80*	
33 61 13 00-0251		EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,417.94	
			For High Density Polyethylene (HDPE) Jacket, Add	*54.65*	
33 61 13 00-0252		EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,532.01	
			For High Density Polyethylene (HDPE) Jacket, Add	*69.85*	
33 61 13 00-0253		EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,867.73	
			For High Density Polyethylene (HDPE) Jacket, Add	*92.45*	

33 61 13 00-0254 Reducers *(33 61 13 00-0225)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0255		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	845.14	
			For High Density Polyethylene (HDPE) Jacket, Add	*14.94*	
33 61 13 00-0256		EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	870.23	
			For High Density Polyethylene (HDPE) Jacket, Add	*15.30*	
33 61 13 00-0257		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	994.92	
			For High Density Polyethylene (HDPE) Jacket, Add	*17.41*	
33 61 13 00-0258		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,101.66	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.99*	
33 61 13 00-0259		EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,217.34	
			For High Density Polyethylene (HDPE) Jacket, Add	*19.78*	
33 61 13 00-0260		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,370.96	
			For High Density Polyethylene (HDPE) Jacket, Add	*20.57*	
33 61 13 00-0261		EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,581.66	
			For High Density Polyethylene (HDPE) Jacket, Add	*23.74*	
33 61 13 00-0262		EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,841.29	
			For High Density Polyethylene (HDPE) Jacket, Add	*27.69*	
33 61 13 00-0263		EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,269.40	
			For High Density Polyethylene (HDPE) Jacket, Add	*35.60*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0264	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,535.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.44*	
33 61 13 00-0265	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,608.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*58.46*	
33 61 13 00-0266	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,775.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*74.72*	
33 61 13 00-0267	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,190.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*98.90*	

33 61 13 00-0268 Reducers *(33 61 13 00-0225)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0269	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	893.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.92*	
33 61 13 00-0270	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	920.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.29*	
33 61 13 00-0271	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,051.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.54*	
33 61 13 00-0272	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,163.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.23*	
33 61 13 00-0273	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,281.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.07*	
33 61 13 00-0274	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,438.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.91*	
33 61 13 00-0275	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,659.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.28*	
33 61 13 00-0276	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,931.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.50*	
33 61 13 00-0277	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,385.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.93*	
33 61 13 00-0278	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,667.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.08*	
33 61 13 00-0279	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,799.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*62.27*	
33 61 13 00-0280	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,019.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*79.60*	
33 61 13 00-0281	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,512.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*105.35*	

33 61 13 00-0282 Preinsulated Type K Copper Pipe *(33 61 13 00-0052)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0283 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0284	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.41*	
33 61 13 00-0285	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 00-0286	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.51*	
33 61 13 00-0287	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 00-0288	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.57*	
33 61 13 00-0289	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	70.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
33 61 13 00-0290	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	81.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
33 61 13 00-0291	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	103.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0292	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	129.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.07*	
33 61 13 00-0293	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	150.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.25*	
33 61 13 00-0294	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	197.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.82*	
33 61 13 00-0295	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	247.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.40*	
33 61 13 00-0296	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	306.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.99*	

33 61 13 00-0297 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0298	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	47.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 00-0299	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 00-0300	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.56*	
33 61 13 00-0301	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 00-0302	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0303	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	73.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 00-0304	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	85.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 00-0305	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	107.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.92*	
33 61 13 00-0306	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	134.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.18*	
33 61 13 00-0307	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	157.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.37*	
33 61 13 00-0308	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	206.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.00*	
33 61 13 00-0309	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	259.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.64*	
33 61 13 00-0310	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	321.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.29*	

33 61 13 00-0311 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0312	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0313	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0314	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0315	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0316	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0317	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	75.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 00-0318	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	86.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0319	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	109.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.97*	
33 61 13 00-0320	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	137.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.24*	
33 61 13 00-0321	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	160.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.43*	
33 61 13 00-0322	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	211.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 00-0323	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	265.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.76*	
33 61 13 00-0324	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	328.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.44*	
33 61 13 00-0325		**Type K Copper Carrier Pipe** *(33 61 13 00-0282)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0326	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.50*	
33 61 13 00-0327	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.55*	
33 61 13 00-0328	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	59.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
33 61 13 00-0329	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
33 61 13 00-0330	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0331	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	77.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
33 61 13 00-0332	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	89.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
33 61 13 00-0333	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	113.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.03*	
33 61 13 00-0334	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	141.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.32*	
33 61 13 00-0335	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	164.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.53*	
33 61 13 00-0336	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	218.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.22*	
33 61 13 00-0337	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	274.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.94*	
33 61 13 00-0338	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	339.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.66*	
33 61 13 00-0339		**Preinsulated Copper Fittings** *(33 61 13 00-0052)*		
33 61 13 00-0340		**Elbows** *(33 61 13 00-0339)*		
33 61 13 00-0341		**Elbows** *(33 61 13 00-0340)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0342	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	327.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 00-0343	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	340.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.77*	
33 61 13 00-0344	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	391.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 00-0345	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	443.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 00-0346	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	529.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0347	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	643.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 00-0348	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	748.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 00-0349	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	873.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 00-0350	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,027.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.10*	
33 61 13 00-0351	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,126.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.61*	
33 61 13 00-0352	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,573.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.23*	
33 61 13 00-0353	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,168.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.30*	
33 61 13 00-0354	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,746.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.83*	

33 61 13 00-0355 Elbows *(33 61 13 00-0340)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0356	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	345.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.01*	
33 61 13 00-0357	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	358.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.13*	
33 61 13 00-0358	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	412.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.83*	
33 61 13 00-0359	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	465.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.36*	
33 61 13 00-0360	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	552.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.63*	
33 61 13 00-0361	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	667.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.89*	
33 61 13 00-0362	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	775.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.96*	
33 61 13 00-0363	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	905.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.28*	
33 61 13 00-0364	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,069.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.93*	
33 61 13 00-0365	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,173.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.55*	
33 61 13 00-0366	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,641.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.59*	
33 61 13 00-0367	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,256.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.04*	
33 61 13 00-0368	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,862.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.15*	

33 61 13 00-0369 Elbows *(33 61 13 00-0340)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0370	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	362.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 00-0371	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	376.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.48*	
33 61 13 00-0372	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	432.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.24*	
33 61 13 00-0373	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	487.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0374	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	575.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.09*	
33 61 13 00-0375	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	691.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.38*	
33 61 13 00-0376	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	803.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.51*	
33 61 13 00-0377	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	937.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.93*	
33 61 13 00-0378	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,110.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.77*	
33 61 13 00-0379	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,221.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.50*	
33 61 13 00-0380	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,710.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.96*	
33 61 13 00-0381	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,342.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.79*	
33 61 13 00-0382	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,978.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.46*	

33 61 13 00-0383 Elbows *(33 61 13 00-0340)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0384	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	379.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.71*	
33 61 13 00-0385	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	393.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.84*	
33 61 13 00-0386	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	452.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.65*	
33 61 13 00-0387	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	509.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 00-0388	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	598.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.55*	
33 61 13 00-0389	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	715.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.86*	
33 61 13 00-0390	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	831.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.07*	
33 61 13 00-0391	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	970.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.58*	
33 61 13 00-0392	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,152.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.60*	
33 61 13 00-0393	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,268.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.44*	
33 61 13 00-0394	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,778.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.33*	
33 61 13 00-0395	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,430.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.54*	
33 61 13 00-0396	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,094.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.77*	

33 61 13 00-0397 Tees *(33 61 13 00-0339)*

33 61 13 00-0398 Tees *(33 61 13 00-0397)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0399	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	487.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.92*	
33 61 13 00-0400	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	506.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.08*	
33 61 13 00-0401	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	583.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0402	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	660.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.79*	
33 61 13 00-0403	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	788.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.16*	
33 61 13 00-0404	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	959.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.52*	
33 61 13 00-0405	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,116.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.99*	
33 61 13 00-0406	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,303.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.82*	
33 61 13 00-0407	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,535.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.48*	
33 61 13 00-0408	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,680.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.72*	
33 61 13 00-0409	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,345.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.07*	
33 61 13 00-0410	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,237.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.60*	
33 61 13 00-0411	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,097.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.79*	

33 61 13 00-0412 Tees *(33 61 13 00-0397)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0413	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	513.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.44*	
33 61 13 00-0414	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	533.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.61*	
33 61 13 00-0415	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	613.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.66*	
33 61 13 00-0416	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	693.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.45*	
33 61 13 00-0417	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	822.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.84*	
33 61 13 00-0418	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	995.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.24*	
33 61 13 00-0419	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,157.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.81*	
33 61 13 00-0420	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,351.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.78*	
33 61 13 00-0421	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,597.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.72*	
33 61 13 00-0422	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,751.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.13*	
33 61 13 00-0423	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,446.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.10*	
33 61 13 00-0424	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,366.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.19*	
33 61 13 00-0425	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,269.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*49.22*	

33 61 13 00-0426 Tees *(33 61 13 00-0397)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0427	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	539.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.96*	
33 61 13 00-0428	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	559.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0429	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	643.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.27*	
33 61 13 00-0430	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	726.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.11*	
33 61 13 00-0431	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	857.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.53*	
33 61 13 00-0432	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,031.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.95*	
33 61 13 00-0433	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,199.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.64*	
33 61 13 00-0434	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,399.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.74*	
33 61 13 00-0435	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,659.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.96*	
33 61 13 00-0436	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,821.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.53*	
33 61 13 00-0437	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,547.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.13*	
33 61 13 00-0438	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,494.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.79*	
33 61 13 00-0439	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,443.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*52.66*	

33 61 13 00-0440 Tees *(33 61 13 00-0397)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0441	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	565.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.48*	
33 61 13 00-0442	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	586.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.68*	
33 61 13 00-0443	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	674.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.87*	
33 61 13 00-0444	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	759.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.77*	
33 61 13 00-0445	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	891.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.22*	
33 61 13 00-0446	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,066.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.67*	
33 61 13 00-0447	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,240.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.46*	
33 61 13 00-0448	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,447.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.71*	
33 61 13 00-0449	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,720.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.19*	
33 61 13 00-0450	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,891.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.94*	
33 61 13 00-0451	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,648.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.16*	
33 61 13 00-0452	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,624.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.38*	
33 61 13 00-0453	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,615.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*56.09*	

33 61 13 00-0454 Reducers *(33 61 13 00-0339)*

33 61 13 00-0455 Reducers *(33 61 13 00-0454)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0456	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	278.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0457	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	289.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.96*	
33 61 13 00-0458	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	333.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.50*	
33 61 13 00-0459	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	378.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.91*	
33 61 13 00-0460	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	454.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.12*	
33 61 13 00-0461	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	563.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.32*	
33 61 13 00-0462	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	650.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.14*	
33 61 13 00-0463	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	755.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.17*	
33 61 13 00-0464	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	886.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 00-0465	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	969.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.46*	
33 61 13 00-0466	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,352.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.13*	
33 61 13 00-0467	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,870.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.34*	
33 61 13 00-0468	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,362.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.59*	

33 61 13 00-0469 Reducers *(33 61 13 00-0454)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0470	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	293.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.16*	
33 61 13 00-0471	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	304.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.26*	
33 61 13 00-0472	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	350.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.84*	
33 61 13 00-0473	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	396.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.28*	
33 61 13 00-0474	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	473.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.50*	
33 61 13 00-0475	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	583.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.72*	
33 61 13 00-0476	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	673.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.60*	
33 61 13 00-0477	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	782.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.70*	
33 61 13 00-0478	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	920.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 00-0479	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,009.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.25*	
33 61 13 00-0480	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,409.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.26*	
33 61 13 00-0481	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,943.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.79*	
33 61 13 00-0482	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,458.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.51*	

33 61 13 00-0483 Reducers *(33 61 13 00-0454)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0484	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	307.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.45*	
33 61 13 00-0485	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	319.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.55*	
33 61 13 00-0486	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	367.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.18*	
33 61 13 00-0487	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	414.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.65*	
33 61 13 00-0488	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	492.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.89*	
33 61 13 00-0489	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	603.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.12*	
33 61 13 00-0490	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	696.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.06*	
33 61 13 00-0491	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	809.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.24*	
33 61 13 00-0492	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	955.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.60*	
33 61 13 00-0493	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,048.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.03*	
33 61 13 00-0494	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,465.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.40*	
33 61 13 00-0495	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,015.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.24*	
33 61 13 00-0496	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,554.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.43*	
33 61 13 00-0497		**Reducers** *(33 61 13 00-0454)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0498	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	322.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.74*	
33 61 13 00-0499	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	334.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.85*	
33 61 13 00-0500	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	384.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.52*	
33 61 13 00-0501	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	433.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.02*	
33 61 13 00-0502	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	512.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.27*	
33 61 13 00-0503	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	623.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.52*	
33 61 13 00-0504	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	719.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.52*	
33 61 13 00-0505	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	836.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.78*	
33 61 13 00-0506	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	989.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.29*	
33 61 13 00-0507	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,087.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.82*	
33 61 13 00-0508	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,522.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.53*	
33 61 13 00-0509	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,087.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.69*	
33 61 13 00-0510	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,650.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.35*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0511		Preinsulated Ductile Iron Carrier Pipe *(33 61 13 00-0052)*			
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.			
33 61 13 00-0512		Ductile Iron Carrier Pipe *(33 61 13 00-0511)*			
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0513	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		159.55	
33 61 13 00-0514	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		233.40	
33 61 13 00-0515	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		314.53	
33 61 13 00-0516	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		399.15	
33 61 13 00-0517	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		495.46	
33 61 13 00-0518		Ductile Iron Carrier Pipe *(33 61 13 00-0511)*			
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0519	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		169.61	
33 61 13 00-0520	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		248.35	
33 61 13 00-0521	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		336.30	
33 61 13 00-0522	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		427.87	
33 61 13 00-0523	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		531.29	
33 61 13 00-0524	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		581.13	
33 61 13 00-0525	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		654.38	
33 61 13 00-0526	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		736.01	
33 61 13 00-0527	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		809.70	
33 61 13 00-0528	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		957.86	
33 61 13 00-0529		Preinsulated Ductile Iron Fittings *(33 61 13 00-0052)*			
33 61 13 00-0530		Elbows *(33 61 13 00-0529)*			
33 61 13 00-0531		Elbows *(33 61 13 00-0530)*			
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0532	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		1,399.00	
33 61 13 00-0533	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		1,872.02	
33 61 13 00-0534	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		2,643.16	
33 61 13 00-0535	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		3,559.53	
33 61 13 00-0536	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		4,569.19	
33 61 13 00-0537		Elbows *(33 61 13 00-0530)*			
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0538	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		1,523.36	
33 61 13 00-0539	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		2,053.63	
33 61 13 00-0540	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		2,905.71	
33 61 13 00-0541	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		3,895.12	
33 61 13 00-0542	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		5,013.35	
33 61 13 00-0543	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		6,100.65	
33 61 13 00-0544	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		7,217.21	
33 61 13 00-0545	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		9,009.80	
33 61 13 00-0546	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		11,425.91	
33 61 13 00-0547	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket		14,777.36	
33 61 13 00-0548		Tees *(33 61 13 00-0529)*			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0549		**Tees** *(33 61 13 00-0548)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0550	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,085.12	
33 61 13 00-0551	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,789.31	
33 61 13 00-0552	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,935.12	
33 61 13 00-0553	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,305.27	
33 61 13 00-0554	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,806.08	
33 61 13 00-0555		**Tees** *(33 61 13 00-0548)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0556	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,269.80	
33 61 13 00-0557	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,059.01	
33 61 13 00-0558	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,325.01	
33 61 13 00-0559	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,803.62	
33 61 13 00-0560	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,465.61	
33 61 13 00-0561	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,923.16	
33 61 13 00-0562	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,559.59	
33 61 13 00-0563	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	13,184.08	
33 61 13 00-0564	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	16,727.67	
33 61 13 00-0565	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	21,628.56	
33 61 13 00-0566		**Reducers** *(33 61 13 00-0529)*		
33 61 13 00-0567		**Reducers** *(33 61 13 00-0566)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0568	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,196.48	
33 61 13 00-0569	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,593.91	
33 61 13 00-0570	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,247.31	
33 61 13 00-0571	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,035.71	
33 61 13 00-0572	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,887.34	
33 61 13 00-0573		**Reducers** *(33 61 13 00-0566)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0574	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,299.71	
33 61 13 00-0575	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,744.64	
33 61 13 00-0576	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,465.22	
33 61 13 00-0577	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,314.25	
33 61 13 00-0578	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,255.99	
33 61 13 00-0579	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,081.06	
33 61 13 00-0580	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,005.28	
33 61 13 00-0581	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,452.39	
33 61 13 00-0582	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	9,513.34	
33 61 13 00-0583	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	12,331.58	
33 61 13 00-0584		**Tempered Water Piping Pre-Insulated** *(33 61 13 00-0052)*		
33 61 13 00-0585		**Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 00-0584)*		
33 61 13 00-0586	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	117.47	20.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0587	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	151.80	23.12
33 61 13 00-0588	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	211.65	25.73
33 61 13 00-0589	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	291.01	32.16
33 61 13 00-0590	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	373.28	39.67
33 61 13 00-0591		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0592	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	58.19	23.12
33 61 13 00-0593	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	69.65	23.12
33 61 13 00-0594	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	80.55	23.12
33 61 13 00-0595	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	96.26	27.33
33 61 13 00-0596	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	116.67	34.69
33 61 13 00-0597		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0598	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	58.19	23.12
33 61 13 00-0599	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	69.65	23.12
33 61 13 00-0600	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	79.49	23.12
33 61 13 00-0601	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	96.26	27.33
33 61 13 00-0602	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	116.67	34.69

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

33 71 19 13-0001		Electrical Handholes And Pull Boxes *(33 71 19 13)*		
33 71 19 13-0002		Electrical Pull Boxes *(33 71 19 13-0001)* See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,714.11	
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	2,039.63	
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,349.52	
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	3,589.24	
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	3,814.11	
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	4,094.77	
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	4,706.04	
33 71 19 13-0010		Electrical Pull Boxes (CALTRANS) *(33 71 19 13-0001)*		
33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	127.88	
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	51.51	
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	78.94	
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	168.09	
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	260.53	
		For Galvanized Steel Cover, Add	*44.75*	
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	64.71	
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	64.71	
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	182.79	
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	69.01	
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	96.44	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	345.86	
		For Galvanized Steel Cover, Add	*82.05*	
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	92.06	
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	86.05	
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	200.30	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	92.53	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	119.96	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	474.95	
		For Galvanized Steel Cover, Add	*114.86*	
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	109.57	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	103.00	
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	142.39	
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	288.14	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	415.87	
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	131.45	
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	120.51	
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	375.33	
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	601.84	
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	157.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	153.32	
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	535.05	
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	842.51	
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	267.10	
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	208.02	
33 71 19 13-0043		Electrical Property Line Boxes *(33 71 19 13)*		
33 71 19 13-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	3,223.92	377.01
33 71 19 13-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	3,756.28	390.97
33 71 19 13-0046	EA	6' x 4' x 5' Deep Property Line Box	4,149.97	474.76
33 71 19 13-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	6,336.18	698.17
33 71 19 13-0048		Manhole Accessories *(33 71 19 13)*		
33 71 19 13-0049	EA	6" Precast Grade Ring Riser Casting	465.97	
33 71 19 13-0050	EA	12" Precast Grade Ring Riser Casting	504.64	
33 71 19 13-0051	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,442.76	
33 71 19 13-0052	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	3,192.60	
33 71 19 13-0053	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	1,009.26	
33 71 19 13-0054	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,292.20	
33 71 19 23		**Trenched Electrical Underground Duct and Ductbanks** *(33 71 19)*		
33 71 19 23-0001		Underground Electrical Concrete Markers *(33 71 19 23)*		
33 71 19 23-0002	EA	36" x 6" x 6", Underground Electric Concrete Marker	344.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 Transportation				
34 40 Transportation Signaling and Control Equipment *(34)*				
34 41 Roadway Signaling and Control Equipment *(34 40)*				
34 41 13 Traffic Signals *(34 41)*				
34 41 13 00-0001		Traffic Signals *(34 41 13)*		
34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern	5,455.21	794.01
34 41 13 00-0003		Traffic Detector Induction Loop *(34 41 13)*		
34 41 13 00-0004	EA	6' x 6', Type A, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	415.20	
34 41 13 00-0005	EA	6' x 6', Type D, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	517.76	
34 41 13 00-0006	EA	6' x 6', Type D, 5 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	586.60	
34 41 13 00-0007	EA	6' x 6', Type Q, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	507.77	
34 41 13 00-0008	EA	6' x 20', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	881.11	
34 41 13 00-0009	EA	6' x 28', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,080.86	
34 41 13 00-0010	EA	6' x 28', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,152.32	
34 41 13 00-0011	EA	6' x 40', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,427.51	
34 41 13 00-0012	EA	6' x 40', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,532.18	
34 41 13 00-0013	EA	6' x 50', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,644.23	
34 41 13 00-0014	EA	6' x 50', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,772.03	
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.	7.55	
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.	3.40	
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222)	259.20	
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100)	737.13	
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100)	456.70	
34 41 13 00-0020		Overhead Traffic Signals *(34 41 13)*		
34 41 13 00-0021	EA	Vehicle Signal Face, LED, 1 - 12" Section	550.59	168.73
34 41 13 00-0022	EA	Vehicle Signal Face, LED, 2 - 12" Sections	896.34	238.20
34 41 13 00-0023	EA	Vehicle Signal Face, LED, 3 - 12" Sections	1,257.53	291.13
34 41 13 00-0024	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Middle Section Blank	1,194.23	291.13
34 41 13 00-0025	EA	Vehicle Signal Face, LED, 4 - 12" Sections	1,598.02	324.22
34 41 13 00-0026	EA	Vehicle Signal Face, LED, 5 - 12" Sections	1,912.05	344.07
34 41 13 00-0027	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Cluster	2,034.44	344.07
34 41 13 00-0028	EA	Vehicle Signal Face, LED, 1 - 8" Section	518.94	168.73
34 41 13 00-0029	EA	Vehicle Signal Face, LED, 2 - 8" Sections	833.03	238.20
34 41 13 00-0030	EA	Vehicle Signal Face, LED, 3 - 8" Sections	1,103.49	291.13
34 41 13 00-0031	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 1 - 12" Section	1,181.57	291.13
34 41 13 00-0032	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 2 - 12" Sections	1,462.97	324.22
34 41 13 00-0033	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 1 - 12" Section	1,418.65	324.22
34 41 13 00-0034	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections	1,679.92	344.07
34 41 13 00-0035	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections In Cluster	1,779.10	344.07
34 41 13 00-0036	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Optically Programmed	2,565.86	291.13
34 41 13 00-0037	EA	Vehicle Signal Face, LED, 4 - 12" Sections, Optically Programmed	3,355.82	324.22
34 41 13 00-0038	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Optically Programmed	4,380.98	344.07
34 41 13 00-0039	EA	Vehicle Signal Face, LED, 5 - 12" Sections In Cluster, Optically Programmed	4,750.27	344.07
34 41 13 00-0040	EA	Bracket Signal Mounting Assembly	530.56	132.33
34 41 13 00-0041	EA	Mast Arm Signal Mounting Assembly	938.72	264.67
34 41 13 00-0042	EA	Top Pole Signal Mounting Assembly	329.33	99.25
34 41 13 00-0043	EA	Pedestrian Signal Head	966.75	198.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0044	EA	Pedestrian Signal Insert	597.33	99.25
34 41 13 00-0045	EA	Audible Pedestrian Signal	1,093.11	
34 41 13 00-0046	EA	Junction Box, Pole Or Post Mounted	416.39	
34 41 13 00-0047	EA	Pedestrian Push Button	394.97	
34 41 13 00-0048	EA	Illuminated Sign, Bracket Mounted, Symbolic	2,925.03	
34 41 13 00-0049	EA	Illuminated Sign, Mast Arm Mounted, Symbolic	3,069.09	
34 41 13 00-0050	EA	Sign, Message, "BLANK OUT", Bracket Mounted	3,196.16	
34 41 13 00-0051	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	3,409.73	
34 41 13 00-0052	EA	Sign, Fiber Optic, Bracket Mounted	3,606.74	
34 41 13 00-0053	EA	Sign, Fiber Optic, Mast Arm Mounted	3,824.89	
34 41 13 00-0054	EA	16' Pedestal With Base Plate And Cover	1,670.22	175.97
34 41 13 00-0055	EA	30' Type 15TS Signal And Lighting Standard Note: 8" diameter base and 3-7/8" diameter top. 0.1793" wall thickness.	5,452.15	
34 41 13 00-0056	EA	35' Type 21TS Signal And Lighting Standard Note: 9-3/8" diameter base and 3-9/16" diameter top. 0.1793" wall thickness.	6,279.27	
34 41 13 00-0057	EA	17' Type 18-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.1793" wall thickness.	3,132.10	
34 41 13 00-0058	EA	17' Type 18-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.2391" wall thickness.	3,451.45	
34 41 13 00-0059	EA	17' Type 18-4-100 Or 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9" diameter top. 0.2391" wall thickness.	3,573.87	
34 41 13 00-0060	EA	17' Type 23-3-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	3,573.87	
34 41 13 00-0061	EA	17' Type 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	3,638.14	
34 41 13 00-0062	EA	17' Type 27-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	3,959.49	
34 41 13 00-0063	EA	17' Type 27-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	4,033.39	
34 41 13 00-0064	EA	17' Type 28-5-100 Signal And Lighting Standard Note: 14" diameter base and 11-11/16" diameter top. 0.3125" wall thickness.	4,184.91	
34 41 13 00-0065	EA	17' Type 60-5-100 Signal And Lighting Standard Note: 16" diameter base and 13-11/16" diameter top. 0.3125" wall thickness.	4,423.55	
34 41 13 00-0066	EA	18'-6" Type 16-2-100 Or 16-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-1/4" diameter top. 0.1793" wall thickness.	3,319.96	
34 41 13 00-0067	EA	30' Type 17-2-100 Or 17-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.1793" wall thickness.	5,787.47	
34 41 13 00-0068	EA	30' Type 19-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.2391" wall thickness.	6,458.11	
34 41 13 00-0069	EA	30' Type 19-3-100 Or 24-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-7/8" diameter top. 0.2391" wall thickness.	6,715.18	
34 41 13 00-0070	EA	30' Type 19-4-100 Or 24-4-100 Signal And Lighting Standard Note: 12" diameter base and 8" diameter top. 0.2391" wall thickness.	6,715.18	
34 41 13 00-0071	EA	30' Type 26-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 8" diameter top. 0.3125" wall thickness.	7,524.97	
34 41 13 00-0072	EA	30' Type 26-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 8" diameter top. 0.3125" wall thickness.	7,835.40	
34 41 13 00-0073	EA	30' Type 29-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-7/8" diameter top. 0.3125" wall thickness.	8,161.33	
34 41 13 00-0074	EA	30' Type 61-5-100 Signal And Lighting Standard Note: 16" diameter base and 11-7/8" diameter top. 0.3125" wall thickness.	8,674.69	
34 41 13 00-0075	EA	35' Type 17A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.1793" wall thickness.	6,720.70	
34 41 13 00-0076	EA	35' Type 19A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.2391" wall thickness.	7,503.11	
34 41 13 00-0077	EA	35' Type 19A-3-100 Or 24A-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-3/16" diameter top. 0.2391" wall thickness.	7,803.04	
34 41 13 00-0078	EA	35' Type 19A-4-100 Or 24A-4-100 Signal And Lighting Standard Note: 12" diameter base and 7-5/16" diameter top. 0.2391" wall thickness.	7,803.04	
34 41 13 00-0079	EA	35' Type 26A-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	8,747.78	
34 41 13 00-0080	EA	35' Type 26A-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	9,109.95	
34 41 13 00-0081	EA	35' Type 29A-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-3/16" diameter top. 0.3125" wall thickness.	9,490.21	
34 41 13 00-0082	EA	35' Type 61A-5-100 Signal And Lighting Standard Note: 16" diameter base and 11" diameter top. 0.3125" wall thickness.	10,089.12	
34 41 13 00-0083	EA	15' Steel Straight Mast Arm, MONOTUBE	2,411.95	
34 41 13 00-0084	EA	20' Steel Straight Mast Arm, MONOTUBE	2,537.16	
34 41 13 00-0085	EA	25' Steel Straight Mast Arm, MONOTUBE	2,702.80	
34 41 13 00-0086	EA	30' Steel Straight Mast Arm, MONOTUBE	3,554.42	
34 41 13 00-0087	EA	35' Steel Straight Mast Arm, MONOTUBE	4,237.96	
34 41 13 00-0088	EA	40' Steel Straight Mast Arm, MONOTUBE	4,537.19	
34 41 13 00-0089	EA	45' Steel Straight Mast Arm, MONOTUBE	5,006.01	
34 41 13 00-0090	EA	4' Steel Curved Luminaire Mast Arm	841.44	
34 41 13 00-0091	EA	6' Steel Curved Luminaire Mast Arm	1,088.05	
		For High Rise Arm, Add	*79.84*	
34 41 13 00-0092	EA	8' Steel Curved Luminaire Mast Arm	1,361.13	
34 41 13 00-0093	EA	10' Steel Curved Luminaire Mast Arm	1,918.02	
		For High Rise Arm, Add	*117.52*	
34 41 13 00-0094	EA	12' Steel Curved Luminaire Mast Arm	2,095.14	
		For High Rise Arm, Add	*138.60*	
34 41 13 00-0095	EA	15' Steel Curved Luminaire Mast Arm	2,164.99	
		For High Rise Arm, Add	*154.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0096	EA	15' Tubular Aluminum Post	901.78	
34 41 13 00-0097	EA	17' Tubular Aluminum Post	966.60	
34 41 13 00-0098	EA	20' Tubular Aluminum Post	1,080.86	
34 41 13 00-0099	EA	CUT-OFF POLE AND CAPPED	170.95	
34 41 13 00-0100	EA	PAINT EXISTING SL/TS CONTROLLER COMPLETE	50.40	
34 41 13 00-0101	EA	PAINT EXISTING TS POST COMPLETE	242.37	
34 41 13 00-0102	EA	1 Channel Loop Detector Amplifier	1,189.00	
34 41 13 00-0103	EA	4 Channel Loop Detector Amplifier	2,205.66	
34 41 13 00-0104	EA	FLASHING BEACON WITH DOWNLIGHT	1,859.05	
34 41 13 00-0105	EA	Flashing Beacon, Bracket Mounted	712.93	
34 41 13 00-0106	EA	Flashing Beacon, Mast Arm Mounted	712.93	
34 41 13 00-0107	EA	Flashing Beacon, Solar Powered, Bracket Mounted	15,557.32	
34 41 13 00-0108	EA	Wireless Access Point (Proxim Tsunami MP11 954-BSUR-US)	3,848.20	
34 41 13 00-0109	EA	Ruggedized Subscriber Unit (Proxim Tsunami MP11 954-SUA-US)	2,067.06	
34 41 13 00-0110	EA	Smart Sensor HD (Wavetronix HD125)	10,997.39	
34 41 13 00-0111	EA	Access Point (Sensys AP240-ES) Note: RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality.	5,085.83	
34 41 13 00-0112	EA	Sensys Access Point AP240-ESC-VER - RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality with Integrated 1xRTT cellular data modem for data relay via CDMA	8,797.96	
34 41 13 00-0113	EA	Mounting Kit for Access Points and Repeaters (KIT-MTG)	312.35	
34 41 13 00-0114	EA	Repeater (Sensys RP240-B-LL) Note: Nominal battery capacity of 171 Ah with seven (7) year battery-life.	2,330.08	
34 41 13 00-0115	EA	Wireless Flush Mounted Sensor (Sensys VSN240-F) Note: Excludes coring.	1,043.13	
34 41 13 00-0116	EA	Sensor Mounting Bracket, Cable, Lightning Surge Protector, Power Supply, Breaker, AC Surge Protector, Din Rail and Power Plug	2,607.17	
34 41 13 00-0117	EA	Pole Base Foundation for 17-2-80, 17-2-100, 19-2-80 Poles	6,823.03	1.68
34 41 13 00-0118	EA	Pole Base Foundation for 17-3-80, 19-3-80, 26-3-80 & 26-4-80 Poles	8,929.78	1.68
34 41 13 00-0119	EA	Pole Base Foundation for Type 15 and 21 Poles	5,324.88	1.68
34 41 13 00-0120	EA	Pole Base Foundation for 18-4-100, 19-4-100, 23-4-100, And 24-4-100 Poles	6,823.03	1.68
34 41 13 00-0121	EA	Pole Base Foundation for 26-4-100 And 27-4-100 Poles	8,929.78	1.68
34 41 13 00-0122	EA	LED Enhanced Pedestrian Crossing Symbol Sign Note: 2 required per system.	1,838.73	105.37
34 41 13 00-0123	EA	42" Height, 8-1/2" Diameter Automatic Bollard Activation System Note: 4 required per system.	5,293.33	632.23
34 41 13 00-0124	EA	Power Control Unit With Enclosure (Solar) Note: LightGuard Systems solar power equipment includes: one solar array consisting of 1 Siemens SP70 solar power module (21" x 47" to be pole mounted, pole not included), #14 AWG solar tray cable, mounting hardware, one enclosure (16-1/2" width x 27-1/2" height x 15" depth), two 12V 80AH deep cycle gel cell batteries and a solar power control unit (PCU)	18,701.87	421.48
34 41 13 00-0125	EA	Power Control Unit With Enclosure (A/C)	11,987.37	421.48
34 41 13 00-0126	EA	Push Button Assembly With Sign	1,048.35	210.74
34 41 13 00-0127	EA	Advanced Warning Signs	2,079.21	210.74
34 41 13 00-0128	EA	Traffic Signal Controller Unit, TS 2 Type 1 (ASC/3-1000)	6,019.42	
34 41 13 00-0129	EA	Traffic Signal Controller Unit, TS 2 Type 2 (ASC/3-2100)	6,198.79	
34 41 13 00-0130	EA	Traffic Signal Controller Unit, TS 2 Type 2 Econolite Model ASC/2S-2100	55,187.08	
34 41 13 00-0131	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 1 Way	1,116.23	
34 41 13 00-0132	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 2 Way	1,221.74	
34 41 13 00-0133	EA	Optical Detector For Mast Arm Mounting, 2 Channel	1,567.82	
34 41 13 00-0134	EA	2 Channel Phase Selector	3,592.24	
34 41 13 00-0135	EA	4 Channel Phase Selector	5,586.38	
34 41 13 00-0136	EA	Malfunction Management Unit For Use With NEMA Controller	1,803.50	
34 41 13 00-0137	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 1 Way	1,116.23	230.68
34 41 13 00-0138	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 2 Way	1,221.74	230.68
34 41 13 00-0139	EA	Optical Detector For Pole-Side Mounting, 2 Channel	1,567.82	230.68
34 41 13 00-0140	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 1 Way	1,116.23	230.68
34 41 13 00-0141	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 2 Way	1,221.74	230.68
34 41 13 00-0142	EA	Optical Detector For Pedestal Or Pipe Mounting, 2 Channel	1,567.82	230.68
34 41 13 00-0143	EA	Optical Detector For Span Wire Mounting, 1 Channel, 1 Way	1,116.23	230.68
34 41 13 00-0144	EA	Optical Detector For Span Wire Mounting, 1 Channel, 2 Way	1,221.74	230.68
34 41 13 00-0145	EA	Optical Detector For Span Wire Mounting, 2 Channel	1,567.82	230.68
34 41 13 00-0146	EA	Optical Detector For Signal Top Mounting, 1 Channel, 1 Way	1,116.23	230.68
34 41 13 00-0147	EA	Optical Detector For Signal Top Mounting, 1 Channel, 2 Way	1,221.74	230.68
34 41 13 00-0148	EA	Optical Detector For Signal Top Mounting, 2 Channel	1,567.82	230.68
34 41 13 00-0149	EA	Time Switch, 1-Circuit	343.76	
34 41 13 00-0150	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Normal	362.25	
34 41 13 00-0151	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Stretch/Delay	474.09	
34 41 13 00-0152	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Normal	674.56	
34 41 13 00-0153	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Stretch/Delay	847.60	
34 41 13 00-0154	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply	2,303.64	
34 41 13 00-0155	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply For Remote Detector Cabinet	2,303.64	
34 41 13 00-0156	EA	Power Line Surge Protector - Edco SHP 300-10	212.26	
34 41 13 00-0157	EA	Loop Detector Surge Protector - Edco SRA-6LC	107.72	
34 41 13 00-0158	EA	Controller Cabinet (Econolite Type "O")	31,688.50	
34 41 13 00-0159	EA	Controller Cabinet With 1 Detector Rack And 1 Load Switch Bay	13,800.34	
34 41 13 00-0160	EA	Controller Cabinet With 1 Detector Rack And 2 Load Switch Bays	15,003.15	
34 41 13 00-0161	EA	Controller Cabinet With 2 Detector Racks And 1 Load Switch Bay	16,448.64	
34 41 13 00-0162	EA	Controller Cabinet With 2 Detector Racks And 2 Load Switch Bays	16,891.78	
34 41 13 00-0163	EA	Speed Limit Beacon Control Cabinet	6,863.50	
34 41 13 00-0164	EA	Remote Detector Cabinet	3,592.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0165	EA	Traffic Signal Hand Control	1,003.24	
34 41 13 00-0166	EA	Extra Pedestrian Detector Isolation Assembly	792.22	
34 41 13 00-0167	EA	Fiber Optic Transceivers-Repeater Module	986.27	
34 41 13 00-0168	EA	Field Transceiver-Repeater	457.91	
34 41 13 00-0169	EA	Load Switch	99.60	
34 41 13 00-0170	EA	30" Pedestal With Base Plate And Cover	870.23	
34 41 13 00-0171	EA	8' Pedestal With Base Plate And Cover	1,279.56	
34 41 13 00-0172	EA	11' Pedestal With Base Plate And Cover	1,424.09	
34 41 13 00-0173	EA	15' Pedestal With Base Plate And Cover	1,582.30	
34 41 13 00-0174	LF	6-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.41	
34 41 13 00-0175	LF	12-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.51	
34 41 13 00-0176	LF	24-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.76	
34 41 13 00-0177	LF	36-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.00	
34 41 13 00-0178	LF	48-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.26	
34 41 13 00-0179	LF	72-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.66	
34 41 13 00-0180	LF	96-Fiber Interconnect Cable, Fiber Optic, Single Mode	3.06	
34 41 13 00-0181	LF	144-Fiber Interconnect Cable, Fiber Optic, Single Mode	3.79	
34 41 13 00-0182	LF	3/16" Diameter Messenger Cable	0.49	0.10
34 41 13 00-0183	LF	1/4" Diameter Messenger Cable	0.57	0.10
34 41 13 00-0184	LF	3/8" Diameter Messenger Cable	1.04	0.10
34 41 13 00-0185	LF	1/2" Diameter Messenger Cable	2.14	0.20
34 41 13 00-0186	EA	4' Diameter x 10' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	2,795.07	
34 41 13 00-0187	EA	4' Diameter x 16' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	4,441.84	
34 41 13 00-0188	EA	Internally Illuminated Street Name Sign, 1 Line, 4'	2,723.95	264.67
34 41 13 00-0189	EA	Internally Illuminated Street Name Sign, 1 Line, 6'	3,362.73	330.83
34 41 13 00-0190	EA	Internally Illuminated Street Name Sign, 1 Line, 8'	3,663.88	397.00
34 41 13 00-0191	EA	Internally Illuminated Street Name Sign, 1 Line, 10'	4,133.84	463.16
34 41 13 00-0192	EA	Internally Illuminated Street Name Sign, 1 Line, 12'	4,434.99	529.34
34 41 13 00-0193	EA	Internally Illuminated Street Name Sign, 2 Line, 4'	4,319.26	264.67
34 41 13 00-0194	EA	Internally Illuminated Street Name Sign, 2 Line, 6'	5,320.99	330.83
34 41 13 00-0195	EA	Internally Illuminated Street Name Sign, 2 Line, 8'	5,740.32	397.00
34 41 13 00-0196	EA	Internally Illuminated Street Name Sign, 2 Line, 10'	6,412.86	463.16
34 41 13 00-0197	EA	Internally Illuminated Street Name Sign, 2 Line, 12'	6,882.82	529.34
34 41 13 00-0198	EA	Photoelectric Controller, Multi-Volt	91.63	29.99
34 41 13 00-0199	EA	Photoelectric Controller, 120 Volt	96.00	29.99
34 41 13 00-0200	EA	Photoelectric Controller, 480 Volt	96.00	29.99
34 41 13 00-0201	EA	Wi-Fi Communication Unit	1,423.17	132.33
34 41 13 00-0202	EA	Wi-Fi Communication Unit Mounting Bracket	304.01	99.25
34 41 13 00-0203	EA	Wi-Fi Communication Unit Power Supply / POE Injector	277.93	66.16
34 41 13 00-0204	EA	Wi-Fi Communication Unit Packet	2,005.11	198.50
34 41 13 00-0205	LF	Preemptor Detector Cable	2.00	
34 41 13 00-0206	EA	Sno-Shoe Cable Storage Assembly	257.73	

34 41 13 00-0207 Traffic Signal Cable *(34 41 13)*

34 41 13 00-0208	LF	16 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.07	0.93
34 41 13 00-0209	LF	16 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.30	0.99
34 41 13 00-0210	LF	16 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.53	1.06
34 41 13 00-0211	LF	16 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.75	1.12
34 41 13 00-0212	LF	16 AWG, 6-Conductor, Solid, Traffic Signal Cable	2.99	1.19
34 41 13 00-0213	LF	16 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.45	1.32
34 41 13 00-0214	LF	16 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.05	1.52
34 41 13 00-0215	LF	16 AWG, 12-Conductor, Solid, Traffic Signal Cable	4.63	1.72
34 41 13 00-0216	LF	16 AWG, 16-Conductor, Solid, Traffic Signal Cable	5.43	1.91
34 41 13 00-0217	LF	16 AWG, 20-Conductor, Solid, Traffic Signal Cable	6.35	2.11
34 41 13 00-0218	LF	14 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.13	0.93
34 41 13 00-0219	LF	14 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.39	0.99
34 41 13 00-0220	LF	14 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.63	1.06
34 41 13 00-0221	LF	14 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.87	1.12
34 41 13 00-0222	LF	14 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.15	1.19
34 41 13 00-0223	LF	14 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.66	1.32
34 41 13 00-0224	LF	14 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.30	1.52
34 41 13 00-0225	LF	14 AWG, 12-Conductor, Solid, Traffic Signal Cable	4.93	1.72
34 41 13 00-0226	LF	14 AWG, 16-Conductor, Solid, Traffic Signal Cable	5.83	1.91
34 41 13 00-0227	LF	14 AWG, 20-Conductor, Solid, Traffic Signal Cable	6.89	2.11
34 41 13 00-0228	LF	12 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.26	0.93
34 41 13 00-0229	LF	12 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.58	0.99
34 41 13 00-0230	LF	12 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.88	1.06
34 41 13 00-0231	LF	12 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.17	1.12
34 41 13 00-0232	LF	12 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.52	1.19
34 41 13 00-0233	LF	12 AWG, 8-Conductor, Solid, Traffic Signal Cable	4.14	1.32
34 41 13 00-0234	LF	12 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.90	1.52
34 41 13 00-0235	LF	12 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.65	1.72
34 41 13 00-0236	LF	12 AWG, 16-Conductor, Solid, Traffic Signal Cable	6.79	1.91
34 41 13 00-0237	LF	12 AWG, 20-Conductor, Solid, Traffic Signal Cable	8.16	2.11

34 41 13 00-0238 School Zone Flasher Beacons *(34 41 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0239	EA	One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	5,609.59	197.28
34 41 13 00-0240	EA	One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	5,649.68	197.28
34 41 13 00-0241	EA	Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,330.28	197.28
34 41 13 00-0242	EA	Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,458.56	197.28
34 41 13 00-0243	EA	10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.	11,876.47	197.28
34 41 13 00-0244	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	12,379.20	197.28
34 41 13 00-0245		**Traffic Light Control Synchronization** *(34 41 13)*		
34 41 13 00-0246	EA	ENCOM COMPAK IP Radio/Wireless Ethernet Transceiver, 900 MHz FHSS 1 Watt output power and 128-bit data encryption with 1.1Mbps Throughput	4,863.94	
34 41 13 00-0247	EA	ENCOM 5200R 900 MHz Serial Radio Modem, contains one Serial (RS-232 or RS-485) interface and 170/TS1/TS2 detector rack (EPR-5200R)	3,624.65	
34 41 13 00-0248	EA	ENCOM Dual 2.4/2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24/24)	8,279.02	
34 41 13 00-0249	EA	5.8 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB58INT)	5,668.05	
34 41 13 00-0250	EA	2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24INT)	5,668.05	
34 41 13 00-0251	EA	Solar Cabinet Assembly	15,248.73	
34 41 13 00-0252	EA	Data Controller Interface Cable Assembly	600.03	
34 41 13 00-0253	EA	900 MHZ Splitter	716.42	
34 41 13 00-0254	EA	900 MHz Surge Suppressor	258.70	
34 41 13 00-0255	EA	Surge-Radio Lead in Cable	162.81	
34 41 13 00-0256	EA	12DB GAIN YAGI Antenna	726.53	
34 41 13 00-0257	EA	PELCO Antenna Mounting Bracket	481.96	
34 41 13 00-0258	MLF	Coaxial Cable, LMR-400	3,942.89	
34 41 13 00-0259	EA	Perle 16 Port Serial Server	4,064.47	
34 41 13 00-0260	EA	Serial to Ethernet Card	2,180.44	
34 41 13 00-0261	EA	404 Stand Alone Modem (GDI 404)	1,991.53	
34 41 13 00-0262		**Traffic Signal Controls** *(34 41 13)*		
34 41 13 00-0263	EA	Master Card for Type 2070 or NEMA TS2 traffic controllers (CC-TS2)	1,717.20	
34 41 13 00-0264	EA	Extension Card for Type 2070 or NEMA traffic controllers (EX-TS2)	721.44	
34 41 13 00-0265	EA	AccessBox for contract closure master card (CC-ACC)	254.02	
34 41 13 00-0266	EA	Flush Mount Wireless Sensor (ATT VSN240-F)	977.72	
34 41 13 00-0267	EA	Flush Mount Wireless Sensor (Speed & Count VSN240-F)	977.72	
34 41 13 00-0268	EA	Epoxy Tube for Installation of Wireless Sensor (VSN240-EPX)	150.59	
34 41 13 00-0269	EA	SNAPS License for each enabled AP (SNAPS-PER-AP)	415.13	
34 41 13 00-0270		**Traffic Signal Devices** *(34 41 13)*		
34 41 13 00-0271	EA	12" Polycarbonate Signal Head Housing (McCain)	912.79	94.83
34 41 13 00-0272	EA	16" Polycarbonate Pedestrian Signal Housing (McCain)	463.88	73.76
34 41 13 00-0273	EA	Pedestrian Push Button Cap & Switch (McCain M31334)	346.27	136.99
34 41 13 00-0274	EA	Pedestrian Push Button Frame Assembly 4" Diameter Pole (McCain M19712)	472.72	200.20
34 41 13 00-0275	EA	Pedestrian Push Button Frame Assembly 2" Diameter Pole (McCain M30793)	363.11	158.05
34 41 13 00-0276	EA	16 Channel Conflict Monitor (McCain 2010 ECLip)	1,375.33	68.49
34 41 13 00-0277	EA	LED Countdown Head (McCain GTX PS7-CFF1-VLA)	282.27	26.34
34 41 13 00-0278	EA	Traffic signal Video Detection Camera (Iteris RZ4-awdr)	3,115.26	115.91
34 41 13 00-0279	EA	Camera processor card (Iteris Edge Connect)	7,116.44	168.59
34 41 13 00-0280	EA	Wireless Broadband Radio (Encom BB58)	6,720.24	158.05
34 41 13 00-0281	EA	24-port Gigabit and 4-port 1G/10G SFP+ Ethernet Switch (Etherwan EX77900)	4,437.94	126.45
34 41 13 00-0282	EA	Power Adapter (Mean Well DR-120-48)	154.25	39.52
34 41 13 00-0283	LF	14/1 Cal Trans Type 2 Inductive Traffic Detection Loops (Advanced Digital Cable 8452)	0.90	
34 41 13 00-0284	EA	Radar Detection System (Wavetronix Matrix)	12,862.93	400.41
34 41 13 00-0285	EA	Pedestrian Audio Push Button (Polara APS)	380.58	100.11
34 41 13 00-0286	EA	Opticom Infrared System - Detector (GTT 711)	994.26	93.99
34 41 13 00-0287	EA	Opticom Infrared System - Detector (GTT 721)	1,112.41	105.16
34 41 13 00-0288	EA	Opticom Infrared System - Detector (GTT 722)	1,549.35	146.46
34 41 13 00-0289	EA	Opticom Multimode Phase Selector (GTT 764)	5,146.56	86.65
34 41 13 00-0290	LF	Opticom GPS Installation Cable (GTT 1070)	1.08	
34 41 13 00-0291	EA	Precast Concrete Traffic Pull Box, 5-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1324)	857.58	
34 41 13 00-0292	EA	Precast Concrete Traffic Pull Box, 6-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1730)	909.61	
34 41 13 00-0293	EA	UPS Module (Alpha Technologies FXM 350) Note: For battery backup in traffic signal control cabinet	1,395.15	57.66
34 41 13 00-0294	EA	Web Connected Relay Switch (Control by Web X-301 WebRelay-Dual) Note: To control flashing "School" signs	438.22	47.42
34 41 13 00-0295	LF	Fiber optic cable, 72 strand, single mode, riser non-plenum jacket (Optical Cable Corp DX072DSLX9KR)	9.85	0.48
34 41 13 00-0296	LF	Fiber optic cable, 12 strand, multi mode, riser non-plenum jacket (Superior Essex W30126G01 MM Fiber)	2.37	0.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0297	EA	12" LED Signal Module, Tinted Lens, Red (GE DR6-RTFB-VLA)	129.65	47.42
34 41 13 00-0298	EA	12" LED Signal Module, Tinted Lens, Yellow (GE DR6-YTFB-VLA)	129.65	47.42
34 41 13 00-0299	EA	12" LED Signal Module, Tinted Lens, Green (GE DR6-GTFB-VLA)	129.65	47.42
34 41 13 00-0300	EA	12" LED Signal Module, Clear Lens, Red (GE DR6-RCFB-VLA)	129.65	47.42
34 41 13 00-0301	EA	12" LED Signal Module, Clear Lens, Yellow (GE DR6-YCFB-VLA)	129.65	47.42
34 41 13 00-0302	EA	12" LED Signal Module, Clear Lens, Green (GE DR6-GCFB-VLA)	129.65	47.42
34 41 13 00-0303	EA	LED Countdown Pedestrian Signal, 16" x 18" (GE PS7-CFF1-VLA)	383.09	121.17
34 41 13 00-0304	EA	EOC Switch (Actellis ML688)	5,101.22	374.85
34 41 13 00-0305	EA	Ethernet Extender Kit (ENABLE-IT 860 Pro)	1,374.68	86.50
34 41 13 00-0306	EA	#5 pull box lid (Concrete, Bolt down) (Christy N30T)	104.81	20.25
34 41 13 00-0307	EA	#5 pull box lid (Steel, Bolt down) (Christy N30-61J)	387.68	29.31
34 41 13 00-0308	EA	#6 pull box lid (Concrete, Bolt down) (Christy N36T)	131.80	20.25
34 41 13 00-0309	EA	#6 pull box lid (Steel, Bolt down) (Christy N36-61J)	471.19	29.31
34 41 13 00-0310	EA	Battery Back-up (Alpha FXM110 UPS)	3,308.51	115.34
34 41 13 00-0311	EA	Battery (Alpha AlphaCell 220GXL)	468.03	28.84
34 41 13 00-0312	EA	BBS Cabinet (Alpha SE48-1616)	3,802.03	259.51
34 41 13 00-0313	LF	Fiber 72 Strands (Corning 072ZU4-T3F22D20)	5.74	2.25
34 41 13 00-0314	LF	Fiber 12 Strands (Corning 012ZU4-T3F22D20)	2.52	1.04
34 41 13 00-0315	EA	FDU & Splice Cassette with LC connector type (Corning CCH-01U, CCH-CS12-B3-P00RE)	1,181.04	86.50
34 41 13 00-0316	EA	12" THREE SECTION HOUSING (McCain M22435)	812.98	57.66
34 41 13 00-0317	EA	12" FOUR SECTION HOUSING (McCain M30883)	1,045.05	86.50
34 41 13 00-0318	EA	12" FIVE SECTION HOUSING (McCain M31769)	1,219.46	86.50
34 41 13 00-0319	EA	12" CLUSTER, WITHOUT MAS (McCain M30987)	1,306.66	86.50
34 41 13 00-0320	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	812.98	57.66
34 41 13 00-0321	EA	NAVIGATOR iN2 APS 2 WIRE PPB #iN250N0-B (Polara iN250N0-B)	812.98	57.66
34 41 13 00-0322	EA	NAVIGATOR iN2 CONTROLLER RACK MOUNT iCCU-C (Polara iCCU-C)	4,763.93	201.84
34 41 13 00-0323	EA	NAVIGATOR iN2 INTERCONNECT BOARD iN2-ICB-C (Polara iN2-ICB-C)	232.07	28.84
34 41 13 00-0324	EA	NAVIGATOR iN2 POWER SUPPLY iN2-150-WPS-C (Polara iN2-150-WPS-C)	232.07	28.84
34 41 13 00-0325	EA	NAVIGATOR iN2 CONNECTOR iN2-C4CABLE-C (Polara iN2-c4cable-C)	522.52	43.25
34 41 13 00-0326	EA	12" Visor (McCain M19302)	40.50	11.54
34 41 13 00-0327	EA	LS,2202-HV (iPack), HDSP/FLASHER UNIT,ATC (McCain M36256)	435.32	43.25
34 41 13 00-0328	EA	SIU,2218 SERIAL INTERFACE UNIT,ATC (McCain M36258)	725.78	57.66
34 41 13 00-0329	EA	CMU,2212-HV (ip),32 CH W/ ETHERNET PORT, ATC (McCain M36259)	1,350.27	86.50
34 41 13 00-0330	EA	ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26 (McCain M54487)	725.78	57.66
34 41 13 00-0331	EA	HARN, SB1/SB2,COMM EXTENSION (McCain M48062)	144.86	28.84
34 41 13 00-0332	EA	ATCC-HV/LV, FITA ASSEMBLY, 24CH (McCain M54489)	435.32	43.25
34 41 13 00-0333	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	812.98	57.66
34 41 13 00-0334	EA	242L ISOLATOR, EDI (McCain M56812)	144.86	28.84
34 41 13 00-0335	EA	EDI 222 DETECTOR (McCain M11407)	188.47	28.84
34 41 13 00-0336	EA	ALPHA BBS, INVERTER & BYPASS SWITCH (McCain M59763)	3,253.31	144.17
34 41 13 00-0337	EA	GENERATOR SWITCH AND PLUG ASS'Y FOR ALPHA BBS (McCain M68752-2)	533.92	57.66
34 41 13 00-0338	EA	BBS BATTERY, ALPHACELL 165GXL (McCain M59884)	725.78	57.66
34 41 13 00-0339	EA	Battery Backup Cabinet Anondize 44x26x12 (McCain M64438A)	1,524.68	86.50

34 41 16 Traffic Control Equipment *(34 41)*

34 41 16 00-0001 Transportation Control Equipment *(34 41 16)*

34 41 16 00-0002	EA	CONTROLLER/SL/POLE MTD/1-PHASE/100A	7,630.09	914.69
34 41 16 00-0003	EA	CONTROLLER/SL/ON EMB POLE 1-PH/100A	7,735.46	967.36
34 41 16 00-0004	EA	CONTROLLER, SL, 3-PHASE, 100A, BASE MTD	9,328.20	978.74
34 41 16 00-0005	EA	CONTROLLER, SL, 3-PHASE, 200A, BASE MTD	11,101.33	1,188.36
34 41 16 00-0006	EA	CONTROLLER/SL/BASE MTD/1-PHASE/100A	8,932.67	586.24
34 41 16 00-0007	EA	CONTROLLER/SL/BASE MTD/1-PHASE/200A	9,899.70	641.82
34 41 16 00-0008	EA	CONTROLLER, TS, 12-BAY, "M" CABINET	16,282.39	1,009.04
34 41 16 00-0009	EA	CONTROLLER, TS, 12-BAY, "P" CABINET	17,352.34	1,118.22
34 41 16 00-0010	EA	CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER	24,655.94	1,257.17
34 41 16 00-0011	EA	CONTROLLER, TS, 16-BAY, "P" CABINET	19,626.90	1,191.00
34 41 16 00-0012	EA	CONTROLLER, PEDESTRIAN CROSSING, ADD-IN	630.92	139.88
34 41 16 00-0013	EA	CONCRETE BLOCK PEDESTAL	741.76	210.01
34 41 16 00-0014	WK	MAINTAIN EXIST TS INSTALLATION	320.35	160.17
34 41 16 00-0015	EA	INST SIGN BOARDS, ST. NAME	578.60	276.98
34 41 16 00-0016	EA	F.O. ADD-IN FOR LOCAL CONTROLLER	8,172.31	360.68
34 41 16 00-0017	EA	F.O. ADD-IN FOR MASTER CONTROLLER	19,604.58	541.18
34 41 16 00-0018	EA	PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH)	995.06	15.02
34 41 16 00-0019	EA	Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU)	564.91	15.02

34 41 16 00-0020 Transportation Cabinets *(34 41 16)*

34 41 16 00-0021 Transportation Cabinets (Dudlik Enclosures) *(34 41 16 00-0020)*

34 41 16 00-0022	EA	50" x 30" x 17", Aluminum CCTV Cabinet (Dudlik Enclosures)	2,604.86	173.00
34 41 16 00-0023	EA	66" x 48" x 30", Quad Door, 19" Racks, Aluminum CCTV Cabinet (Dudlik Enclosures)	11,165.69	173.00
34 41 16 00-0024	EA	46" x 30" x 20", 19" Rack, Aluminum TTS Cabinet (Dudlik Enclosures)	2,434.02	173.00
34 41 16 00-0025	EA	50" x 30" x 17", Aluminum ITS Controller Cabinet (Dudlik Enclosures)	2,604.86	173.00
34 41 16 00-0026	EA	60" x 50" x 36", Quad Door, 19" Racks, Aluminum Fiber Cross Connect Cabinet (Dudlik Enclosures)	11,545.33	173.00
34 41 16 00-0027	EA	55" x 16" x 17", Aluminum ITS Meter Cabinet (Dudlik Enclosures)	1,674.74	173.00

34 41 16 00-0028 Transportation Cabinets (APX Enclosures) *(34 41 16 00-0020)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0029	EA	28" Wide, 16" Depth, 46" High, ITS Controller Cabinet (APX Enclosure LS503017) Note: 3R, single door, pad mounted aluminum enclosure. Includes natural finish, aluminum back panel, light kit with door switch, thermostatically controlled fan kit, heater kit with thermostat, one aluminum moveable shelf, and one aluminum moveable shelf with slide out drawer. Excludes pad.	6,364.64	201.84
34 41 16 00-0030		**Transportation Cabinets (Transportation Control Systems)** *(34 41 16 00-0020)*		
34 41 16 00-0031	EA	30" Wide, 16" Depth, 48" High, Type 4, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B483016B2D2S)	2,453.32	173.00
34 41 16 00-0032	EA	30" Wide, 16" Depth, 60" High, Type 4 Stretch, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B603016B2D2S)	3,061.76	184.54
34 41 16 00-0033		**Transportation Cabinets (McCain)** *(34 41 16 00-0020)*		
34 41 16 00-0034	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 352i) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	11,635.54	201.84
34 41 16 00-0035	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 332) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	11,635.54	201.84
34 41 16 00-0036	EA	ATC ColdFire Controller (McCain 170)	5,950.62	
34 41 16 00-0037		**Traffic Control Equipment** *(34 41 16)*		
34 41 16 00-0038	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes Without Display (Morningstar PS-15)	292.51	57.66
34 41 16 00-0039	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes With Display (Morningstar PS-15M)	388.51	57.66
34 41 16 00-0040	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes With Display (Morningstar PS-30M)	449.49	57.66
34 41 16 00-0041	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes Without Display (Morningstar PS-30)	345.82	57.66
34 41 16 00-0042	MLF	10 AWG, 2 Conductor, 600V, Type TC, Non-Shielded Control Tray Cable (EnerSys A51002R)	2,712.24	632.23
34 41 16 00-0043	EA	Vehicle Detector, Circuit Breaker, 0.2 Amperes, Wavetronix SmartSensor (Wavetronix WX-CLK-210-02)	116.20	28.84
34 41 16 00-0044	EA	Vehicle Detector, 2.4 GHz 12 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0141)	541.28	65.76
34 41 16 00-0045	EA	Detection System, Vehicle, Two Sensor Preassembled Backplate, with AC Power (Wavetronix WX-SSB01-0003)	2,853.08	197.28
34 41 16 00-0046	EA	Vehicle Detector, Power Supply, 24 Volt DC, 4 Amperes (Wavetronix WX-CLK-204)	516.20	28.84
34 41 16 00-0047	EA	Vehicle Detector, 4-Channel Contact Matrix Closure, Rack Card (Wavetronix WX-CLK-114)	740.59	28.84
34 41 16 00-0048	EA	4 Channel Din-Rail Contact Closure Module (Wavetronix WX-CLK-104)	847.05	57.66
34 41 16 00-0049	EA	Detection System, Vehicle, Four Sensor Preassembled Backplate, With AC Power, Wavetronix Smartsensor (Wavetronix WX-SS-B01-0005)	3,744.60	57.66
34 41 16 00-0050	EA	50' Wavetronix Wiring Whip (Wavetronix WX-SS-708-060)	394.55	197.28
34 41 16 00-0051	EA	60', 6-Conductor Power And Communication Cable With Connector (Wavetronix WX-SS-704-060)	537.66	49.31
34 41 16 00-0052	EA	900 MHz 5 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0119)	463.23	65.76
34 41 16 00-0053	EA	900 MHz 9 dBi Yagi Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0120)	287.62	65.76
34 41 16 00-0054	EA	Wavetronix Click 201 AC To DC Power Converter (Wavetronix WX-CLK-201)	321.07	28.84
34 41 16 00-0055	EA	24 Volt DC 2 Amperes, Wavetronix Smartsensor (Wavetronix WX-CLK-202)	389.37	28.84
34 41 16 00-0056	EA	Coax Surge N-Type, Wavetronix SmartSensor (Wavetronix WX-CLK-250)	174.73	28.84
34 41 16 00-0057	EA	Power, RS232/RS485 Surge, Wavetronix Smartsensor (Wavetronix WX-CLK-200)	525.95	28.84
34 41 16 00-0058	EA	Two Sensor Surge, Wavetronix SmartSensor (Wavetronix WX-CLK-222)	594.24	28.84
34 41 16 00-0059	EA	RS232 to RS485 Converter, Wavetronix SmartSensor (Wavetronix WX-CLK-304)	740.59	28.84
34 41 16 00-0060	EA	Wavetronix Click 301 Serial To Ethernet Converter (Wavetronix CLK-301)	57.66	28.84
34 41 16 00-0061	EA	Sensor Mount, Heavy Duty, 6 inch, 2 Axis Aluminum Bracket (Wavetronix WX-SS-611)	472.98	65.76
34 41 16 00-0062	MLF	LF, UV Resistant Polyethylene Jacketed Cable (Times Microwave Systems LMR-400)	3,200.05	632.23
34 41 16 00-0063	EA	N-Male (Plug) Clamp Connector (Times Microwave Systems TC-400-NMC)	56.06	17.30
34 41 16 00-0064	EA	Spectra IV SE Back Box, Heavy-Duty, Pendant Mount (Pelco BB4HD-PG-E)	962.42	69.20
34 41 16 00-0065	EA	Spectra III Clear Pendant Lower Dome, Heavy Duty (Pelco Id53hdpb-1)	931.93	86.50
34 41 16 00-0066	EA	24" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2000)	188.84	28.84
34 41 16 00-0067	EA	10" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2010)	139.02	28.84
34 41 16 00-0068	EA	24 Volt AC, Remote Data Port (Pelco IPS-RDPE-2)	501.84	28.84
34 41 16 00-0069	EA	Spectra IV Remote Monitor Interface Cable (Pelco IPS-CABLE)	205.85	28.84
34 41 16 00-0070	EA	120 Volt AC, 12.5 Watt, 12 Volt DC, 600 mA, External Plug In Power Supply (Triad Magnetics WDU12-600)	79.86	28.84
34 41 16 00-0071	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-0009) Note: Input/Output for sign peripherals.	700.70	57.66
34 41 16 00-0072	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-4009) Note: Input/Output for sign peripherals.	700.70	57.66
34 41 16 00-0073	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0005) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,334.85	57.66
34 41 16 00-0074	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0011) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,334.85	57.66
34 41 16 00-0075	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0019) Note: Measures temperature and detects light and reports to CAN Dist Board.	447.05	57.66
34 41 16 00-0076	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0015) Note: Measures temperature and detects light and humidity and reports to CAN Dist board.	642.17	57.66
34 41 16 00-0077	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0021) Note: Measures temperature and detects light and humidity and reports to CAN Dist board.	642.17	57.66
34 41 16 00-0078	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0003) Note: Measures temperature and detects light and reports to CAN Dist board.	525.10	57.66
34 41 16 00-0079	EA	Controller, VFC-3000 Field Controller NTCIPv1 (Daktronics 0A-1248-0016) Note: The "brains" of the sign. Receives information from NTCIP central software and reports status and diagnostic information.	9,241.82	230.68
34 41 16 00-0080	EA	DC/DC, Direct Current to Direct Current Converter (Daktronics 0P-1247-0025) Note: Takes 24 Volt DC input from two power supplies and outputs 9 Volt DC for CAN Dist Board, providing power redundancy.	389.37	28.84
34 41 16 00-0081	EA	Driver (Daktronics 0P-1100-0026) Note: Driver takes data packets from Control Area Network to determine what pixels (LED clusters) are ON and which are OFF.	736.17	46.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0082	EA	External Temp Sensor (Daktronics 0P-1100-0014)	648.37	46.14
		Note: Sensor that measures ambient temperature.		
34 41 16 00-0083	EA	Internal Temp Sensor (Daktronics 0P-1100-0038)	726.41	46.14
		Note: Sensor that measures sign internal temperature.		
34 41 16 00-0084	EA	Light Level Detector (Daktronics 0P-1151-0002)	433.73	46.14
		Note: The values from the light sensors are used by the sign controller to determine the appropriate sign brightness.		
34 41 16 00-0085	EA	Module (Daktronics 0A-1253-0608)	1,334.85	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0086	EA	Module (Daktronics 0A-1253-3018)	1,676.31	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0087	EA	Module (Daktronics 0A-1266-5002)	1,481.19	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0088	EA	Module (Daktronics 0A-1332-6252)	2,066.56	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0089	EA	Module (Daktronics 0A-1332-6455)	1,676.31	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0090	EA	Module (Daktronics 0A-1332-6654)	1,676.31	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0091	EA	Module (Daktronics 0P-1332-3015)	895.83	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0092	EA	Module (Daktronics 0P-1332-4116)	895.83	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0093	EA	Module (Daktronics 0P-1332-5031)	895.83	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0094	EA	Module (Daktronics 0P-1332-5017)	895.83	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0095	EA	Module Without Pan (Daktronics 0A-1253-0603)	1,334.85	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.		
34 41 16 00-0096	EA	Module Without Pan (Daktronics 0A-1253-1605)	1,334.85	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.		
34 41 16 00-0097	EA	Module Without Pan (Daktronics 0A-1254-1601)	1,334.85	57.66
		Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.		
34 41 16 00-0098	EA	Pixel Strip (Daktronics 0P-1100-0016)	456.80	57.66
		Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.		
34 41 16 00-0099	EA	Pixel Strip (Daktronics 0P-1100-0029)	534.85	57.66
		Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.		
34 41 16 00-0100	EA	Power Supply (Daktronics A-1593)	1,578.75	57.66
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0101	EA	Power Supply (Daktronics A-1648)	1,578.75	57.66
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0102	EA	Power Supply (Daktronics A-2307)	603.14	57.66
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0103	EA	Surge Suppressor (Daktronics A-1129)	244.81	34.60
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0104	EA	Surge Suppressor (Daktronics A-1412)	508.22	34.60
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0105	EA	Surge Suppressor (Daktronics A-1772)	508.22	34.60
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0106	EA	Surge Suppressor (Daktronics A-2139)	752.13	34.60
		Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.		
34 41 16 00-0107	EA	VCB, Vanguard Control Board (Daktronics 0P-1248-0022)	1,276.31	57.66
		Note: Receives high speed serial communication over fiber or CAT5 from VFC-3000 and reports sign status and peripheral diagnostics.		
34 41 16 00-0108	EA	VMS I/O, Variable Message Sign Input/Output (Daktronics 0P-1194-0001)	1,725.09	57.66
		Note: Input/Output board for sign peripherals.		
34 41 16 00-0109	EA	Power Supply Assembly (Daktronics A-1856R)	1,139.73	57.66
34 41 16 00-0110	EA	Power Supply Isolation Board (Daktronics 0P-1447-2000)	749.48	57.66
34 41 16 00-0111	EA	Ventilation/Circulation Fan (Daktronics B-1075)	281.19	57.66
34 41 16 00-0112	EA	VMS Controller (V2) (Daktronics 0A-1248-0028)	9,241.82	230.68
34 41 16 00-0113	EA	Photo/Temp Sensor (Daktronics 0P-1247-0015)	642.17	57.66
34 41 16 00-0114	EA	Defog Fan (Daktronics B-1053)	106.44	28.84
34 41 16 00-0115	EA	Defog Heater (Daktronics A-1792)	135.71	28.84
34 41 16 00-0116	EA	Display Card 1500, 15' Clear (Ver-Mac PB-AFF-06023A-03 PF)	847.05	57.66
34 41 16 00-0117	EA	Display Card 1500, 30' Amber (Ver-Mac PB-AFF-06023-01 PF)	847.05	57.66
34 41 16 00-0118	EA	1-Port Decoder With H.264 And High-Definition Technology (Verint S1801E-R)	1,103.91	57.76
34 41 16 00-0119	EA	1-Port Video Encoder Featuring H.264 Technology With One Bi-directional Audio Channel And 12V DC Universal Power Supply (Verint S1801E)	1,103.91	57.76
34 41 16 00-0120	EA	16-Port Video Encoder Featuring H.264 Technology (Verint S1816E)	5,970.96	57.76
34 41 16 00-0121	EA	Encoder H.264 Compact, Hiperfmc (Verint S1802E)	1,426.15	57.76
34 41 16 00-0122	EA	110 Volt AC To 12 Volt DC At 45 Watt, Transformer (Verint PS1261)	194.38	28.84
34 41 16 00-0123	EA	1-Channel Encoder, H.264 Dual-Streaming, SD Card Slot (Bosch VIP-X1XF-E)	680.40	57.76
34 41 16 00-0124	EA	Single/Quad-Stream Decoder (Bosch VIP-XD)	1,774.97	57.76
34 41 16 00-0125	EA	1-Output, Outdoor-Rated CCTV Power Supply Unit, 24/26/28 Volt AC (Pelco WCS1-4)	259.74	57.66
34 41 16 00-0126	EA	4-Outputs, Outdoor-Rated CCTV Power Supply With Circuit Breaker, 24/28 Volt AC (Pelco WCS4-20B)	554.42	57.66
34 41 16 00-0127	EA	12.5KVA, 12 Volt, 75Ah, UPS Battery (UPG UB12750)	270.54	14.44
34 41 16 00-0128	EA	Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports (EtherWAN EX71440-B0B)	3,425.60	115.34
34 41 16 00-0129	EA	Power Supply, Hardened, External 100-240 Volt AC Input; TS2 rated; 12 Volt DC Output Power (EtherWAN 41-136046-1)	212.52	28.84
34 41 16 00-0130	EA	4kVA / 3.6kW Split-Phase Power Module (Eaton 9PXMSPPM)	3,110.11	57.66
34 41 16 00-0131	EA	208-240 Volt, 4-20kVA Rack/Tower UPS (Eaton 9PXM)	7,300.56	285.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0132	EA	30 Amperes, 600 Volt, 3-Pole, Fusible, NEMA 3R Rainproof, Safety Switch (Square D H361RB)	975.41	149.94
34 41 16 00-0133	EA	30 Amperes, 600 Volt, LKS Fuse (Eaton Bussmann LKS-30)	23.90	9.23
34 41 16 00-0134	EA	60 Amperes, 600 Volt, 3-Pole, Fusible, Heavy Duty, Safety Switch (Square D H362DS)	2,537.11	115.34
34 41 16 00-0135	EA	60 Amperes, 600 Volt, Dual Element, Time-Delay Fuse (Eaton Bussmann FRS-R-60)	53.55	9.23
34 41 16 00-0136	EA	50 Mbps, MIMO 2x2, 15 dBi Integrated Antenna (Proxim Wireless TSUNAMI QB-820)	2,259.09	65.76
34 41 16 00-0137	EA	Singlemode Loaded Fiber Adapter Panel, 6 Simplex SC/UPC Adapters (Multi-Link 10-4810)	123.06	43.83
34 41 16 00-0138	EA	12" x 6" x 5-1/2", 2 Panel, 2 Splice Dual Security Door, Compact Wall Mount Fiber Distribution Unit (Multilink 10-4469)	354.51	57.66
34 41 16 00-0139	EA	Single AC Inlet, 8 Nema 5-15 Outlets, Built-in AC Current Drawing Sensing Module (Synaccess NP-0801DT)	634.41	15.02
34 41 16 00-0140	EA	Aggregated TRMS AC Current Sensing, One Readout For All Outlets (Synaccess NP-0801DT(H))	683.77	15.02
34 41 16 00-0141	EA	550 Watt, 120 Volt AC, Fan Heater With Adjustable Thermostat, 32-140 Degree Fahrenheit (Stego CR-027)	362.57	23.06
34 41 16 00-0142	EA	10/100M Switch, 4 x 1G Combo, LAN Base (Cisco IE-4000-4TC4G-E)	4,375.78	138.40
34 41 16 00-0143	EA	12 Port, 2 Panel, Wall Mount, Compact Fiber Distribution Unit (Multilink FWM012XLC)	161.32	26.53
34 41 16 00-0144	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel (Multilink MSC-06-SM-C-BLK)	41.12	5.76
34 41 16 00-0145	EA	170 Watt AC To DC, Industrial Ethernet Family Power Supply (Cisco PWR-IE170W-PC-AC)	1,376.88	57.66
34 41 16 00-0146	EA	12 Port, Industrial Ethernet Layer 3 Switch Installed In Transportation Control Equipment (Cisco IE-4000-4GC4GP4G-E)	4,749.98	115.34
34 41 16 00-0147	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line Uninterruptible Power Supply (UPS) (Xtreme Power P90-3000)	3,207.56	190.31
34 41 16 00-0148	EA	100 Amperes, 16 Circuit, Main Lug Load Center Panelboard, 8-1 AWG, 120/240 Volt, Single Phase (Square D QO816L100DS)	743.68	329.87
34 41 16 00-0149	EA	70 Amperes, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase (Square D QO24L70S)	518.28	230.68
34 41 16 00-0150	EA	60 Amperes, 120/240 Volt, 2 Pole Common Trip Miniature Circuit Breaker, Plug On Mounting (Square D QO260)	107.14	31.14
34 41 16 00-0151	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QOT1515)	81.24	20.76
34 41 16 00-0152	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	63.58	20.76
34 41 16 00-0153	EA	20 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	63.58	20.76
34 41 16 00-0154	EA	One Output Outdoor-rated CCTV Power Supply Unit, 24/26/28 Volt AC At 4 Amperes Total Supply Current, Fuse Protected Output, UL Listed (Pelco WCS1-4)	259.74	57.66
34 41 16 00-0155	EA	DIN Rail Mount, Switching Power Supply (TKH Security PSR12DC)	299.59	28.89
34 41 16 00-0156	EA	H.264 Multi-codec Video Encoder With Audio, Data And CC's (TKH Security C-60-E-MC)	2,798.82	28.89
34 41 16 00-0157	EA	Expansion Power Module For IE-3000-4TC And IE-3000-8TC (Cisco PWR-IE50W-AC-IEC)	546.01	15.02
34 41 16 00-0158	EA	Traffic Monitoring System (BlueToad Spectra Cellular/Solar Version)	11,252.20	197.28
34 41 16 00-0159	EA	Ubiquiti Rocket M9 Wireless Access Point (ROCKETM9)	429.44	65.76

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	63.22	3.96
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	102.69	3.96
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	143.87	3.96
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	42.05	5.28
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	36.91	3.24

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

Note: Includes containers, inserts, and lid. Excludes sand.

34 71 13 16-0003	EA	200, 400 Or 700 LB Sand Barrel Note: Includes containers, inserts, and lid.	626.31	47.54

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 Mobilize Guide Rail Crew *(34 71 13 26)*

34 71 13 26-0002	EA	Mobilize Guide Rail Crew Note: Excludes equipment mobilization.	1,210.13	

34 71 13 26-0003 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0004 Corrugated Beam Guide Railing *(34 71 13 26-0003)*

34 71 13 26-0005 Corrugated Beam Guide Railing. Straight Sections *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0006	LF	Corrugated Beam Guide Railing	18.04	2.16
34 71 13 26-0007	LF	Corrugated Beam Guide Railing (Rustic)	19.47	2.16

34 71 13 26-0008 Corrugated Beam Guide Railing, Shop Curved *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing	23.65	2.16
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic)	25.62	2.16
34 71 13 26-0011	LF	Shop Curved Corrugated Beam Guide Railing End Note: Treatment for mall barriers driveways, walkways, special end, etc.	61.04	2.16
34 71 13 26-0012	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.	66.63	2.16
34 71 13 26-0013		**Corrugated Beam Guide Railing, Manufactured End Sections** *(34 71 13 26-0003)*		
34 71 13 26-0014	EA	Corrugated Beam Guide Railing End Section At Anchor Unit	134.82	28.53
34 71 13 26-0015	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit	142.45	28.53
34 71 13 26-0016	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section	180.63	28.53
34 71 13 26-0017	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic)	188.26	28.53
34 71 13 26-0018	EA	Corrugated Beam Guide Railing 225 Degree End Section	180.63	28.53
34 71 13 26-0019	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic)	188.26	28.53
34 71 13 26-0020		**Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)* Note: Includes mounting hardware.		
34 71 13 26-0021	EA	Standard Post For Corrugated Beam Guide Rail	142.75	15.45
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0022	EA	Standard Post For (Rustic) Corrugated Beam Guide Rail	150.38	15.45
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0023	EA	Extra Long Post For Corrugated Beam Guide Rail	158.02	15.45
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0024	EA	Extra Long Post (Rustic) for Corrugated Beam Guide Rail	165.65	15.45
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0025	EA	6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail	142.75	15.45
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0026	EA	Post Struts for Corrugated Beam Guide Rail Mall Barrier Post	203.82	15.45
		For Installation In Rock, Add	*4.12*	
34 71 13 26-0027		**Heavy Post Blocked Out Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)* Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0028	EA	Standard Post For Heavy Post Blocked Out Corrugated Beam Guide	142.75	15.45
34 71 13 26-0029	EA	Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide	150.38	15.45
34 71 13 26-0030	EA	Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide	158.02	15.45
34 71 13 26-0031	EA	Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail Note: For heavy post blocked out corrugated beam guide (rustic)	165.65	15.45
34 71 13 26-0032	EA	Type A Post 1630mm Post Note: For heavy post blocked out corrugated beam guide rail	138.93	15.45
34 71 13 26-0033	EA	Type A Post 1630mm Post (Rustic) Note: For heavy post blocked out corrugated beam guide rail	146.56	15.45
34 71 13 26-0034	EA	Type B Post 1460mm Note: For heavy post blocked out corrugated beam guide rail	131.30	15.45
34 71 13 26-0035	EA	Type B Post 1460mm (Rustic) Note: For heavy post blocked out corrugated beam guide rail	138.93	15.45
34 71 13 26-0036	EA	Type C Post 1290mm Note: For heavy post blocked out corrugated beam guide rail	123.66	15.45
34 71 13 26-0037	EA	Type C Post 1290mm (Rustic) Note: For heavy post blocked out corrugated beam guide rail	131.30	15.45
34 71 13 26-0038	EA	Breakaway Wood Or Steel Post In Steel Foundation Tube	525.68	15.45
34 71 13 26-0039	EA	Wood, Metal, Plastic Or Composite Offset Block Or Beam Note: For heavy post blocked out corrugated beam guide rail.	58.77	15.45
34 71 13 26-0040		**Corrugated Beam Guide Rail Accessories** *(34 71 13 26-0003)*		
34 71 13 26-0041	EA	Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C	119.55	32.41
34 71 13 26-0042		**Corrugated Beam Guide Rail Repair for Existing Guide Rail** *(34 71 13 26-0003)* Note: Includes associated hardware.		
34 71 13 26-0043	LF	Removal And Storage Of Corrugated Beam Guide Railing And Post	12.67	
34 71 13 26-0044	EA	Install Stored Post For Corrugated Beam Guide Rail	43.21	
34 71 13 26-0045	LF	Install Stored Corrugated Beam Guide Railing And Post	7.35	
34 71 13 26-0046		**Corrugated Thrie Beam Guide Railing** *(34 71 13 26-0003)*		
34 71 13 26-0047		**Corrugated Thrie Beam Guide Railing. Straight Sections** *(34 71 13 26-0046)* Note: Add additional length for back-up sections.		
34 71 13 26-0048	LF	Corrugated Thrie Beam Guide Railing	42.61	2.73
34 71 13 26-0049	LF	Corrugated Thrie Beam Guide Railing (Rustic)	44.93	2.73
34 71 13 26-0050		**Corrugated Thrie Beam Guide Railing. Shop Curved** *(34 71 13 26-0046)* Note: Add additional length for back-up sections.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0051	LF	Shop Curved Corrugated Thrie Beam Guide Railing	51.91	2.73
34 71 13 26-0052	LF	Shop Curved Corrugated Thrie Beam Guide Railing (Rustic)	54.24	2.73
34 71 13 26-0053		**Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0046)*		
		Note: Includes hardware for mounting.		
34 71 13 26-0054	EA	Standard Post For Corrugated Thrie Beam Guide Rail	171.58	2.73
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0055	EA	Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail	179.22	2.73
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0056		**Timber Guide Rails** *(34 71 13 26)*		
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0057		**Timber Guide Rail Posts** *(34 71 13 26-0056)*		
34 71 13 26-0058	EA	6" x 8" Timber Guide Rail Post	105.94	10.80
34 71 13 26-0059	EA	6" x 9" Timber Guide Rail Post	121.21	10.80
34 71 13 26-0060	EA	10" x 10" Timber Guide Rail Post	240.80	10.80
34 71 13 26-0061	EA	10" x 12" Timber Guide Rail Post	255.06	10.80
34 71 13 26-0062	EA	12" x 12" Timber Guide Rail Post	295.71	10.80
34 71 13 26-0063		**Timber Guide Rails** *(34 71 13 26-0056)*		
		Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0064	LF	4" x 9" Timber Guide Rail	13.16	1.30
34 71 13 26-0065	LF	6" x 10" Timber Guide Rail	18.65	1.30
34 71 13 26-0066	LF	6" x 12" Timber Guide Rail	21.87	1.30
34 71 13 26-0067		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0068	EA	4" x 9" Spacer Block For Timber Guide Rails	17.12	1.73
34 71 13 26-0069	EA	6" x 8" Spacer Block For Timber Guide Rails	19.75	1.73
34 71 13 26-0070	EA	8" x 8" Spacer Block For Timber Guide Rails	23.11	1.73
34 71 13 26-0071		**Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0072	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	24.16	1.08
34 71 13 26-0073		**Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0074	EA	Weathering Steel Splice Plate For Timber Guide Rails	166.19	15.13
34 71 13 26-0075	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	103.92	10.80
34 71 13 26-0076		**Cable Guide Rail** *(34 71 13 26)*		
34 71 13 26-0077		**Cable Guide Rail** *(34 71 13 26-0076)*		
34 71 13 26-0078	LF	Cable (Each Cable)	9.63	2.34
		Note: Includes tensioning. Excludes splices.		
34 71 13 26-0079	EA	Cable Splice With Wedges	250.64	16.21
34 71 13 26-0080		**Cable Guide Rail Posts** *(34 71 13 26-0076)*		
		Note: Includes hardware for cable mounting.		
34 71 13 26-0081	EA	Standard Post for Cable Guide Rail	183.19	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0082	EA	Standard Post (Rustic) for Cable Guide Rail	190.83	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0083	EA	Extra Long Post for Cable Guide Rail	190.83	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0084	EA	Extra Long Post (Rustic) for Cable Guide Rail	198.46	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0085	EA	Slip Impact Post Top for Anchor Unit	119.08	20.60
34 71 13 26-0086	EA	Slip Impact Post Base and Keeper Plate	309.94	20.60
		Note: For anchor unit.		
34 71 13 26-0087		**Cable Guide Rail Accessories For Breakaway Anchor Angle Systems** *(34 71 13 26-0076)*		
34 71 13 26-0088	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	548.26	216.53
34 71 13 26-0089	EA	Turnbuckle Cable End Assembly	167.12	10.82
34 71 13 26-0090	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	541.56	5.38
34 71 13 26-0091	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	556.83	5.38
34 71 13 26-0092	EA	Breakaway Anchor Angle	212.93	10.82
34 71 13 26-0093	EA	Standard End Post Cap Assembly	98.78	5.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0094	EA	Driveway End Post Cap Assembly	83.51	5.38
34 71 13 26-0095	EA	End Post Ground Support Plates	45.34	5.38
34 71 13 26-0096	EA	11" Stud Bolt, Cable Guide Rail	39.62	5.38
34 71 13 26-0097	EA	18" Stud Bolt, Cable Guide Rail	47.25	5.38
34 71 13 26-0098	EA	25" Stud Bolt, Cable Guide Rail	54.88	5.38
34 71 13 26-0099	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	472.49	10.82
34 71 13 26-0100	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	503.03	10.82
34 71 13 26-0101	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail	335.08	10.82
34 71 13 26-0102	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	205.66	5.38
34 71 13 26-0103	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	212.93	10.82
34 71 13 26-0104	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail	227.73	16.21

34 71 13 26-0105 Cable Guide Rail Accessories For Slip Impact Post Systems *(34 71 13 26-0076)*

34 71 13 26-0106	EA	Turnbuckle Cable End Assembly Note: For use with slip impact post.	381.74	17.20
34 71 13 26-0107	EA	Spring Cable End Assembly (Compensating Device) Note: For use with slip impact post.	748.18	17.20
34 71 13 26-0108	EA	Anchor Angle For Slip Impact Post System	221.42	17.20
34 71 13 26-0109	EA	Cable End Assembly Rod Note: Includes cable end, threaded rod and keeper to anchor angle.	183.25	17.20

34 71 13 26-0110 Cable Guide Rail Repair For Existing Guide Rail *(34 71 13 26-0076)*

Note: Includes associated hardware.

34 71 13 26-0111	LF	Retention Existing Cable (Each Cable)	1.44	
34 71 13 26-0112	LF	Removal And Storage Of Cable Guide Railing	8.70	
34 71 13 26-0113	EA	Install Stored Post For Cable Guide Railing	68.68	
34 71 13 26-0114	LF	Install Stored Cable, (Each Cable) Note: Includes retensioning. Excludes splices.	3.85	

34 71 13 26-0115 6" x 6" Box Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0116 Box Beam Guide Rail, 6" x 6" *(34 71 13 26-0115)*

34 71 13 26-0117 Straight Sections, Box Beam Guide Rail *(34 71 13 26-0116)*

34 71 13 26-0118	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	51.33	2.73
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0119	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	58.31	2.73
		For Flush Mounting Directly To Structure, Add	*1.83*	

34 71 13 26-0120 Shop Curved, Box Beam Guide Rail *(34 71 13 26-0116)*

34 71 13 26-0121	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	78.09	2.73
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0122	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	85.07	2.73
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	

34 71 13 26-0123 Box Beam Guide Rail End Treatment Sections *(34 71 13 26-0115)*

Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.

34 71 13 26-0124	EA	Box Beam End Piece Guide Railing Section Note: Galvanized excludes splices.	806.63	32.41
34 71 13 26-0125	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	890.61	32.41
34 71 13 26-0126	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized Note: Excludes splices.	760.82	32.41
34 71 13 26-0127	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic) Note: Excludes splices.	791.36	32.41

34 71 13 26-0128 Splices For Box Beam Guide Rail *(34 71 13 26-0115)*

34 71 13 26-0129	EA	Splice For Box Beam Guide Rail	210.74	48.12
34 71 13 26-0130	EA	Splice For Box Beam Guide Rail (Rustic)	264.18	48.12

34 71 13 26-0131 Box Beam Guide Rail Posts *(34 71 13 26-0115)*

Note: Includes hardware for box beam mounting.

34 71 13 26-0132	EA	Standard Post For Box Beam Guide Rail	190.83	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0133	EA	Standard Post (Rustic) for Box Beam Guide Railing	198.46	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0134	EA	Extra Long Post For Box Beam Guide Rail	206.10	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0135	EA	Extra Long Post (Rustic) For Box Beam Guide Rail	213.73	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0136	EA	Type I End Assembly Post	183.19	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0137	EA	Type I End Assembly Post (Rustic)	190.83	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0138	EA	Type II End Assembly Post	175.56	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0139	EA	Type II End Assembly Post (Rustic)	183.19	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0140		**Box Beam Guide Rail Accessories** *(34 71 13 26-0115)*		
34 71 13 26-0141	EA	Box Beam Guide Rail End Cover Plate	104.57	9.72
34 71 13 26-0142	EA	Box Beam Guide Rail End Cover Plate (Rustic)	112.20	9.72
34 71 13 26-0143		**Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0115)*		
		Note: For existing guide rail.		
34 71 13 26-0144	LF	Removal And Storage Of Box Beam Guide Rail And Post	4.26	
34 71 13 26-0145	LF	Reset Box Beam Guide Rail	12.47	
34 71 13 26-0146		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
34 71 13 26-0147		**Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0146)*		
34 71 13 26-0148		**Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0147)*		
34 71 13 26-0149	LF	Box Beam Median Barrier Galvanized Excludes Splices	86.26	9.72
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0150	LF	Box Beam Median Barrier (Rustic) Excludes Splices	93.24	9.72
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0151		**Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0147)*		
34 71 13 26-0152	LF	Shop Curved Box Beam Median Barrier Galvanized	104.60	9.72
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0153	LF	Shop Curved Box Beam Median Barrier Rustic	127.51	9.72
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0154		**Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0146)*		
		Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0155	EA	Box Beam Median Barrier Type A End Treatment Section, Galvanized	2,631.20	32.41
		Note: Excludes splices and post.		
34 71 13 26-0156	EA	Box Beam Median Barrier Type A End Treatment Section (Rustic)	2,692.28	32.41
		Note: Excludes splices and post.		
34 71 13 26-0157	EA	Box Beam Median Barrier Type B End Treatment Section, Galvanized	2,631.20	32.41
		Note: Excludes splices and post.		
34 71 13 26-0158	EA	Box Beam Median Barrier Type B End Treatment Section (Rustic)	2,692.28	32.41
		Note: Excludes splices and post.		
34 71 13 26-0159		**Splices For Box Beam Median Barrier** *(34 71 13 26-0146)*		
34 71 13 26-0160	EA	Splice for Box Beam Median Barrier	202.53	25.93
34 71 13 26-0161	EA	Splice for Box Beam Median Barrier (Rustic)	317.05	25.93
34 71 13 26-0162		**Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0146)*		
		Note: Includes all associated hardware.		
34 71 13 26-0163	EA	Standard Post for Box Beam Median Barrier	190.83	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0164	EA	Standard Post (Rustic) for Box Beam Median Barrier	198.46	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0165	EA	Extra Long Post for Box Beam Median Barrier	206.10	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0166	EA	Extra Long Post (Rustic) for Box Beam Median Barrier	213.73	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0167	EA	Type B End Treatment or Rub Back Anchor Post for Box Beam Note: For median barrier.	175.56	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0168	EA	Type B End Treatment or Rub Back Anchor Post (Rustic) Note: For box beam median barrier.	175.56	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0169	EA	Type I End Assembly Post for Box Beam Median Barrier to Concrete Note: For median barrier transition.	206.10	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0170	EA	Type I End Assembly Post (Rustic) for Box Beam Median Barrier Note: For Concrete median barrier transition.	213.73	51.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*13.74*	
34 71 13 26-0171		**Box Beam Median Barrier Accessories** *(34 71 13 26-0146)*		
34 71 13 26-0172	EA	Box Beam Median Barrier End Cover Plate	130.01	22.82
34 71 13 26-0173	EA	Box Beam Median Barrier End Cover Plate (Rustic)	137.64	22.82
34 71 13 26-0174		**Box Beam Median Barrier Repair, And Resetting** *(34 71 13 26-0146)* Note: For existing guide rail.		
34 71 13 26-0175	LF	Removal And Storage Of Box Beam Median Barrier and Posts	4.41	
34 71 13 26-0176	LF	Reset Box Beam Median Barrier	13.05	
34 71 13 26-0177		**Universal Guide Rail Items** *(34 71 13 26)*		
34 71 13 26-0178		**Guide Rail Concrete Anchor Units For All Types Of Guide Rail** *(34 71 13 26-0177)* Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0179	CY	Guide Rail Concrete Anchor Unit	751.59	
		For Each Additional Set Of Anchor Rods, Add	*38.00*	
34 71 13 26-0180	EA	Reset Existing Anchorage Unit for All Types of Guide Rail Note: Includes excavation and backfill.	495.67	
34 71 13 26-0181	EA	Removal Of Guide Rail Concrete Anchor Unit	550.81	
34 71 13 26-0182		**Guide Rail Repair For All Types Of Existing Guide Rail** *(34 71 13 26-0177)* Note: Includes associated hardware.		
34 71 13 26-0183	EA	Straighten And Reset Driven Post For Guide Rail	68.68	
34 71 13 26-0184	EA	Straighten And Reset Post Mounted On Concrete For Guide Rail Note: With base plate for guide rail. Includes new anchor bolts.	79.67	
34 71 13 26-0185		**Additional Wood and Steel Posts** *(34 71 13 26-0177)*		
34 71 13 26-0186	LF	4" x 6" Wood Post	59.19	17.21
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0187	LF	6" x 8" Wood Post	70.64	17.21
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0188	LF	6" x 7/8" Galvanized Steel Post	44.56	17.21
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0189	EA	Base Plate With Anchor Bolts For Mounting Post On Concrete	410.43	17.20
34 71 13 26-0190		**Accessories For All Types of Guide Rail** *(34 71 13 26-0177)*		
34 71 13 26-0191	EA	Reflector For Guard Rail	49.44	
34 71 13 26-0192		**Guide Rail Transitions** *(34 71 13 26)*		
34 71 13 26-0193		**Transition Box Beam Guide Rail To Corrugated Beam** *(34 71 13 26-0192)*		
34 71 13 26-0194	EA	Box Beam To Corrugated Beam Rail Bolted Section	746.75	
34 71 13 26-0195	EA	Box Beam To Corrugated Beam Rail Bolted Plate Note: For making cable connections.	441.38	
34 71 13 26-0196		**Transition Box Beam Median Barrier To Corrugated Beam Median** *(34 71 13 26-0192)*		
34 71 13 26-0197	EA	Box Beam Median Barrier To Corrugated Beam Bolted Section	762.02	
34 71 13 26-0198	EA	Box Beam Median Barrier To Corrugated Beam Harness Plate Note: For making cable connections.	441.38	
34 71 13 26-0199		**Transition Box Beam Guide Rail To Cable Guide Rail** *(34 71 13 26-0192)*		
34 71 13 26-0200	EA	Box Beam to Cable Guide Rail U-bolt And Plate	105.21	17.29

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0201		Transition Box Beam Median Barrier To Concrete Median Barrier *(34 71 13 26-0192)*			
34 71 13 26-0202	EA	Box Beam Median Barrier To Concrete Barrier End Connection		1,052.12	
34 71 13 26-0203		Transition Thrie Beam To Concrete Median Barrier *(34 71 13 26-0192)*			
34 71 13 26-0204	EA	Thrie Beam Terminal Connector At Concrete Median Barrier		670.41	
34 71 13 26-0205	EA	Thrie Beam Transition Section To Corrugated Beam Guide Rail		861.26	
34 71 13 26-0206		Resilient Guard Fence And Light Shield *(34 71 13 26)*			
34 71 13 26-0207	LF	Resilient Guard Fence And Light Shield, Up To 6' High		82.39	6.62
34 71 13 26-0208		Individual Concrete Guard Rail Posts *(34 71 13 26)*			
34 71 13 26-0209	EA	6'-5" Concrete Guard Rail Posts, Round		83.11	6.62
34 71 13 26-0210	EA	6'-5" Concrete Posts, Square		92.95	7.44
34 71 13 26-0211	EA	6'-5" Concrete Posts, Triangular		90.49	7.44
34 71 16		**Impact Attenuating Devices** *(34 71)*			
34 71 16 00-0001		Guard Rail Energy Absorbing Terminals *(34 71 16)*			
		Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.			
34 71 16 00-0002		24" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*			
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator		33,829.24	3,425.95
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator		46,979.89	4,567.94
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator		64,113.39	5,995.43
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator		71,273.26	7,422.91
34 71 16 00-0007		30" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*			
34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator		36,429.77	3,854.20
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator		50,743.86	5,138.94
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator		69,640.58	6,851.91
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator		79,761.12	8,279.40
34 71 16 00-0012		36" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*			
34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator		39,060.21	4,282.45
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator		54,537.03	5,709.92
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator		74,568.50	7,565.65
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator		88,218.15	9,135.88
34 71 16 00-0017		69" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*			
34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator		42,297.92	4,710.69
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator		58,566.90	6,280.92
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator		80,441.82	8,279.40
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator		94,720.59	9,992.37
34 71 16 00-0022		90" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*			
34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator		45,623.75	5,138.94
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator		62,700.32	6,851.91
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator		87,093.50	9,135.88
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator		101,404.90	10,848.86
34 71 19		**Vehicle Delineators** *(34 71)*			
34 71 19 16		**Flexible Vehicle Delineators** *(34 71 19)*			
34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator		87.77	8.26
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator		89.03	8.26
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator		90.28	8.26
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator		91.54	8.26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

35 Waterway and Marine Construction

35 05 Common Work Results for Waterway and Marine Construction *(35)*

35 05 70 Common Work Results for Dams *(35 05)*

35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

35 05 70 00-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes)	35.96	
35 05 70 00-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage)	71.98	
35 05 70 00-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage)	105.14	
35 05 70 00-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material	117.64	

35 20 Waterway and Marine Construction and Equipment *(35)*

35 22 Hydraulic Gates *(35 20)*

35 22 26 Sluice Gates *(35 22)*

35 22 26 00-0001 Heavy Duty Cast Iron Sluice Gates Self Contained *(35 22 26)*

Note: Includes crank operated geared gate lift, anchor bolts, and grouting.

35 22 26 00-0002	EA	18" x 18" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	10,009.82	1,162.46
		For Electric Motor Operated Valve, Add	*1,082.50*	
35 22 26 00-0003	EA	24" x 24" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	14,335.35	1,743.75
		For Electric Motor Operated Valve, Add	*1,198.75*	
35 22 26 00-0004	EA	30" x 30" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	17,364.61	1,992.86
		For Electric Motor Operated Valve, Add	*1,248.57*	
35 22 26 00-0005	EA	36" x 36" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	19,804.84	2,179.69
		For Electric Motor Operated Valve, Add	*1,285.94*	
35 22 26 00-0006	EA	42" x 42" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	22,225.56	2,491.08
		For Electric Motor Operated Valve, Add	*1,348.21*	
35 22 26 00-0007	EA	48" x 48" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	31,120.66	3,985.72
		For Electric Motor Operated Valve, Add	*1,647.14*	
35 22 26 00-0008	EA	54" x 54" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	41,474.53	4,982.14
		For Electric Motor Operated Valve, Add	*1,846.43*	
35 22 26 00-0009	EA	60" x 60" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	48,359.41	6,601.34
		For Electric Motor Operated Valve, Add	*2,170.27*	
35 22 26 00-0010	EA	66" x 66" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	60,190.58	8,718.76
		For Electric Motor Operated Valve, Add	*2,593.75*	
35 22 26 00-0011	EA	72" x 72" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	63,177.75	9,964.29
		For Electric Motor Operated Valve, Add	*2,842.86*	
35 22 26 00-0012	EA	78" x 78" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	70,897.31	9,964.29
		For Electric Motor Operated Valve, Add	*3,242.86*	
35 22 26 00-0013	EA	84" x 84" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	82,239.19	11,209.82
		For Electric Motor Operated Valve, Add	*3,491.97*	
35 22 26 00-0014	EA	90" x 90" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	99,055.34	12,958.48
		For Electric Motor Operated Valve, Add	*3,841.70*	
35 22 26 00-0015	EA	96" x 96" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	111,690.31	13,575.55
		For Electric Motor Operated Valve, Add	*3,965.11*	
35 22 26 00-0016	EA	108" x 108" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	138,436.30	16,043.83
		For Electric Motor Operated Valve, Add	*4,458.77*	
35 22 26 00-0017	EA	120" x 120" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	171,031.65	19,746.25
		For Electric Motor Operated Valve, Add	*5,199.25*	
35 22 26 00-0018	EA	132" x 132" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	208,742.41	22,214.53
		For Electric Motor Operated Valve, Add	*5,692.91*	

35 22 59 Hydraulic Closure Gates *(35 22)*

35 22 59 00-0001 Steel Slide Gates Self Contained *(35 22 59)*

Note: Includes anchors and bolts.

35 22 59 00-0002	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,440.55	435.94
		For Electric Motor Operated Valve, Add	*937.19*	
35 22 59 00-0003	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	4,590.72	498.21
		For Electric Motor Operated Valve, Add	*949.64*	
35 22 59 00-0004	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,237.26	581.29
		For Electric Motor Operated Valve, Add	*966.25*	
35 22 59 00-0005	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	6,329.06	697.50
		For Electric Motor Operated Valve, Add	*989.50*	
35 22 59 00-0006	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	8,100.75	871.88
		For Electric Motor Operated Valve, Add	*1,024.38*	
35 22 59 00-0007	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,485.86	1,162.46
		For Electric Motor Operated Valve, Add	*1,082.50*	
35 22 59 00-0008	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	12,995.28	1,743.75
		For Electric Motor Operated Valve, Add	*1,198.75*	
35 22 59 00-0009	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	19,757.54	2,179.69
		For Electric Motor Operated Valve, Add	*1,285.94*	
35 22 59 00-0010	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	25,731.84	3,487.50
		For Electric Motor Operated Valve, Add	*1,547.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0011	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	32,705.65	5,812.54
		For Electric Motor Operated Valve, Add	*2,012.50*	
35 22 59 00-0012	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	907.12	160.67
		For Electric Motor Operated Valve, Add	*1,582.14*	
35 22 59 00-0013		**Stainless Steel, Slide Gates, Frame Assembly Only** *(35 22 59)*		
35 22 59 00-0014	EA	24" x 24" Stainless Steel Slide Gate, Frame Assembly Only	17,672.87	569.21
35 22 59 00-0015	EA	30" x 30" Stainless Steel Slide Gate, Frame Assembly Only	21,851.30	711.20
35 22 59 00-0016	EA	36" x 36" Stainless Steel Slide Gate, Frame Assembly Only	27,868.25	866.89
35 22 59 00-0017	EA	48" x 48" Stainless Steel Slide Gate, Frame Assembly Only	42,528.84	1,660.30
35 22 59 00-0018	EA	60" x 60" Stainless Steel Slide Gate, Frame Assembly Only	62,630.68	3,623.27
35 22 59 00-0019	EA	72" x 72" Stainless Steel Slide Gate, Frame Assembly Only	82,265.61	5,535.17
35 22 59 00-0020	EA	84" x 84" Stainless Steel Slide Gate, Frame Assembly Only	124,315.18	6,920.20
35 22 59 00-0021	Day	Start Up And Training, Stainless Steel Slide Gate, Frame Assembly	3,313.79	
35 22 59 00-0022		**Aluminum Flap Gates** *(35 22 59)*		
35 22 59 00-0023	EA	18" Diameter Aluminum Flap Gates	3,334.86	435.94
		For Electric Motor Operated Valve, Add	*937.19*	
35 22 59 00-0024	EA	20" Diameter Aluminum Flap Gates	3,712.08	467.08
		For Electric Motor Operated Valve, Add	*943.41*	
35 22 59 00-0025	EA	24" Diameter Aluminum Flap Gates	4,085.97	498.21
		For Electric Motor Operated Valve, Add	*949.64*	
35 22 59 00-0026	EA	30" Diameter Aluminum Flap Gates	5,541.66	581.29
		For Electric Motor Operated Valve, Add	*966.25*	
35 22 59 00-0027	EA	36" Diameter Aluminum Flap Gates	6,870.54	697.50
		For Electric Motor Operated Valve, Add	*989.50*	
35 22 59 00-0028	EA	42" Diameter Aluminum Flap Gates	9,727.65	871.88
		For Electric Motor Operated Valve, Add	*1,024.38*	
35 22 59 00-0029	EA	48" Diameter Aluminum Flap Gates	12,306.88	1,162.46
		For Electric Motor Operated Valve, Add	*1,082.50*	
35 22 59 00-0030	EA	54" Diameter Aluminum Flap Gates	15,916.57	1,743.75
		For Electric Motor Operated Valve, Add	*1,198.75*	
35 22 59 00-0031	EA	60" Diameter Aluminum Flap Gates	21,036.02	2,491.08
		For Electric Motor Operated Valve, Add	*1,348.21*	
35 22 59 00-0032	EA	66" Diameter Aluminum Flap Gates	27,197.09	3,487.50
		For Electric Motor Operated Valve, Add	*1,547.50*	
35 22 59 00-0033	EA	72" Diameter Aluminum Flap Gates	33,902.58	4,982.14
		For Electric Motor Operated Valve, Add	*1,846.43*	
35 22 59 00-0034		**Stainless Steel Flap Gates** *(35 22 59)*		
35 22 59 00-0035	EA	12" x 12" Stainless Steel Flap Gate	7,135.96	373.66
		For Electric Motor Operated Valve, Add	*924.73*	
35 22 59 00-0036	EA	18" x 18" Stainless Steel Flap Gate	9,144.15	435.94
		For Electric Motor Operated Valve, Add	*937.19*	
35 22 59 00-0037	EA	24" x 24" Stainless Steel Flap Gate	11,788.92	498.21
		For Electric Motor Operated Valve, Add	*949.64*	
35 22 59 00-0038	EA	30" x 30" Stainless Steel Flap Gate	15,350.75	581.67
		For Electric Motor Operated Valve, Add	*966.25*	
35 22 59 00-0039	EA	36" x 36" Stainless Steel Flap Gate	22,791.62	697.50
		For Electric Motor Operated Valve, Add	*989.50*	
35 22 59 00-0040	EA	48" x 48" Stainless Steel Flap Gate	33,378.70	1,162.09
		For Electric Motor Operated Valve, Add	*1,082.50*	
35 22 59 00-0041	EA	60" x 60" Stainless Steel Flap Gate	51,104.86	2,491.08
		For Electric Motor Operated Valve, Add	*1,348.21*	
35 22 59 00-0042	EA	72" x 72" Stainless Steel Flap Gate	74,025.08	4,982.14
		For Electric Motor Operated Valve, Add	*1,846.43*	
35 22 59 00-0043	EA	84" x 84" Stainless Steel Flap Gate	106,292.92	9,964.29
		For Electric Motor Operated Valve, Add	*2,842.86*	
35 22 59 00-0044		**Cast Iron Flap Gates** *(35 22 59)*		
35 22 59 00-0045	EA	12" x 12" Cast Iron Flap Gate	12,667.58	467.08
		For Electric Motor Operated Valve, Add	*943.42*	
35 22 59 00-0046	EA	18" x 18" Cast Iron Flap Gate	17,807.04	545.54
		For Electric Motor Operated Valve, Add	*958.98*	
35 22 59 00-0047	EA	24" x 24" Cast Iron Flap Gate	22,741.57	622.76
		For Electric Motor Operated Valve, Add	*974.55*	
35 22 59 00-0048	EA	30" x 30" Cast Iron Flap Gate	31,905.11	726.15
		For Electric Motor Operated Valve, Add	*995.31*	
35 22 59 00-0049	EA	36" x 36" Cast Iron Flap Gate	36,024.04	871.88
		For Electric Motor Operated Valve, Add	*1,024.38*	
35 22 59 00-0050	EA	48" x 48" Cast Iron Flap Gate	44,742.86	1,453.54
		For Electric Motor Operated Valve, Add	*1,140.63*	
35 22 59 00-0051	EA	60" x 60" Cast Iron Flap Gate	76,582.96	2,740.18
		For Electric Motor Operated Valve, Add	*1,398.04*	
35 22 59 00-0052	EA	72" x 72" Cast Iron Flap Gate	121,897.99	5,355.80
		For Electric Motor Operated Valve, Add	*1,921.16*	
35 22 59 00-0053	EA	84" x 84" Cast Iron Flap Gate	141,267.91	10,462.51
		For Electric Motor Operated Valve, Add	*2,942.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0054		**Steel Knife Gates Including Handwheel Operator** *(35 22 59)* Note: ANSI 150 PSI. for hub, flange, or spigot ends.		
35 22 59 00-0055	EA	6" Diameter Knife Gates Including Handwheel Operator For Hub	1,750.90	154.77
		For Electric Motor Operated Valve, Add	*880.95*	
35 22 59 00-0056	EA	8" Diameter Knife Gates Including Handwheel Operator For Hub	2,352.48	180.53
		For Electric Motor Operated Valve, Add	*886.11*	
35 22 59 00-0057	EA	10" Diameter Knife Gates Including Handwheel Operator For Hub	3,306.84	270.85
		For Electric Motor Operated Valve, Add	*904.17*	
35 22 59 00-0058	EA	12" Diameter Knife Gates Including Handwheel Operator For Hub	4,132.21	361.17
		For Electric Motor Operated Valve, Add	*922.23*	
35 22 59 00-0059	EA	14" Diameter Knife Gates Including Handwheel Operator For Hub	5,059.99	386.92
		For Electric Motor Operated Valve, Add	*927.38*	
35 22 59 00-0060	EA	16" Diameter Knife Gates Including Handwheel Operator For Hub	6,545.71	416.66
		For Electric Motor Operated Valve, Add	*933.34*	
35 22 59 00-0061	EA	18" Diameter Knife Gates Including Handwheel Operator For Hub	8,695.58	433.35
		For Electric Motor Operated Valve, Add	*936.67*	
35 22 59 00-0062	EA	20" Diameter Knife Gates Including Handwheel Operator For Hub	10,869.61	492.50
		For Electric Motor Operated Valve, Add	*948.49*	
35 22 59 00-0063	EA	24" Diameter Knife Gates Including Handwheel Operator For Hub	13,930.46	541.70
		For Electric Motor Operated Valve, Add	*958.34*	
35 22 59 00-0064	EA	30" Diameter Knife Gates Including Handwheel Operator For Hub	25,340.78	722.22
		For Electric Motor Operated Valve, Add	*994.45*	
35 22 59 00-0065	EA	36" Diameter Knife Gates Including Handwheel Operator For Hub	33,721.21	1,083.38
		For Electric Motor Operated Valve, Add	*1,066.68*	
35 22 59 00-0066		**Steel Hollow Jet Flow Gate Valve** *(35 22 59)*		
35 22 59 00-0067	EA	6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	1,641.28	174.38
		For Electric Motor Operated Valve, Add	*884.88*	
35 22 59 00-0068	EA	8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	2,534.47	203.64
		For Electric Motor Operated Valve, Add	*890.73*	
35 22 59 00-0069	EA	10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,049.63	305.16
		For Electric Motor Operated Valve, Add	*911.03*	
35 22 59 00-0070	EA	12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,889.76	406.67
		For Electric Motor Operated Valve, Add	*931.35*	
35 22 59 00-0071	EA	14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	5,836.87	435.94
		For Electric Motor Operated Valve, Add	*937.19*	
35 22 59 00-0072	EA	16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	7,034.45	469.56
		For Electric Motor Operated Valve, Add	*943.91*	
35 22 59 00-0073	EA	18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	11,793.65	488.25
		For Electric Motor Operated Valve, Add	*947.66*	
35 22 59 00-0074	EA	20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	14,826.73	554.89
		For Electric Motor Operated Valve, Add	*960.98*	
35 22 59 00-0075	EA	24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	21,304.88	610.31
		For Electric Motor Operated Valve, Add	*972.08*	
35 22 59 00-0076	EA	30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	26,104.61	813.96
		For Electric Motor Operated Valve, Add	*1,012.79*	
35 22 59 00-0077	EA	36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	37,257.77	1,220.63
		For Electric Motor Operated Valve, Add	*1,094.09*	
35 22 59 00-0078	EA	42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	44,407.79	1,494.64
		For Electric Motor Operated Valve, Add	*1,549.00*	
35 22 59 00-0079	EA	48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	52,656.34	1,743.75
		For Electric Motor Operated Valve, Add	*1,598.75*	
35 22 59 00-0080	EA	54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	69,334.15	2,179.69
		For Electric Motor Operated Valve, Add	*1,685.94*	
35 22 59 00-0081	EA	60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	77,237.81	2,615.63
		For Electric Motor Operated Valve, Add	*1,773.34*	
35 22 59 00-0082	EA	66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	98,593.32	3,612.05
		For Electric Motor Operated Valve, Add	*1,972.95*	
35 22 59 00-0083		**Steel Dish Head Valve** *(35 22 59)*		
35 22 59 00-0084	EA	12" Diameter Dish Head Valve	2,103.75	435.94
35 22 59 00-0085	EA	18" Diameter Dish Head Valve	3,023.79	498.21
35 22 59 00-0086	EA	20" Diameter Dish Head Valve	3,479.74	544.92
35 22 59 00-0087	EA	24" Diameter Dish Head Valve	4,094.45	581.29
35 22 59 00-0088	EA	30" Diameter Dish Head Valve	6,127.03	697.50
35 22 59 00-0089	EA	36" Diameter Dish Head Valve	7,553.10	871.88
35 22 59 00-0090	EA	42" Diameter Dish Head Valve	12,634.54	1,162.46
35 22 59 00-0091	EA	48" Diameter Dish Head Valve	16,560.80	1,743.75
35 22 59 00-0092	EA	54" Diameter Dish Head Valve	23,501.13	2,179.69
35 22 59 00-0093	EA	60" Diameter Dish Head Valve	30,303.29	3,487.50
35 22 59 00-0094	EA	66" Diameter Dish Head Valve	41,902.03	4,359.38
35 22 59 00-0095	EA	72" Diameter Dish Head Valve	51,099.45	5,812.54
35 22 63		**Through-Levee Access Gates** *(35 22)*		
35 22 63 00-0001		**Cast Iron Canal Gates** *(35 22 63)*		
35 22 63 00-0002	EA	12" Diameter Cast Iron Canal Gates With Fabricated Frame	2,223.34	435.94
		For Electric Motor Operated Valve, Add	*937.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 63 00-0003	EA	18" Diameter Cast Iron Canal Gates With Fabricated Frame	3,220.60	498.21
		For Electric Motor Operated Valve, Add	*949.64*	
35 22 63 00-0004	EA	20" Diameter Cast Iron Canal Gates With Fabricated Frame	3,679.05	544.92
		For Electric Motor Operated Valve, Add	*958.98*	
35 22 63 00-0005	EA	24" Diameter Cast Iron Canal Gates With Fabricated Frame	4,379.08	581.29
		For Electric Motor Operated Valve, Add	*966.25*	
35 22 63 00-0006	EA	30" Diameter Cast Iron Canal Gates With Fabricated Frame	6,586.40	697.50
		For Electric Motor Operated Valve, Add	*989.50*	
35 22 63 00-0007	EA	36" Diameter Cast Iron Canal Gates With Fabricated Frame	8,117.06	871.88
		For Electric Motor Operated Valve, Add	*1,024.38*	
35 22 63 00-0008	EA	42" Diameter Cast Iron Canal Gates With Fabricated Frame	13,635.38	1,162.46
		For Electric Motor Operated Valve, Add	*1,082.50*	
35 22 63 00-0009	EA	48" Diameter Cast Iron Canal Gates With Fabricated Frame	17,829.94	1,743.75
		For Electric Motor Operated Valve, Add	*1,198.75*	
35 22 63 00-0010	EA	54" Diameter Cast Iron Canal Gates With Fabricated Frame	25,359.38	2,179.69
		For Electric Motor Operated Valve, Add	*1,285.94*	
35 22 63 00-0011	EA	60" Diameter Cast Iron Canal Gates With Fabricated Frame	32,567.97	3,487.50
		For Electric Motor Operated Valve, Add	*1,547.50*	
35 22 63 00-0012	EA	66" Diameter Cast Iron Canal Gates With Fabricated Frame	45,123.42	4,359.38
		For Electric Motor Operated Valve, Add	*1,721.88*	
35 22 63 00-0013	EA	72" Diameter Cast Iron Canal Gates With Fabricated Frame	53,270.87	4,982.14
		For Electric Motor Operated Valve, Add	*1,846.43*	

35 24 Dredging *(35 20)*

35 24 23 Clamshell Dredging *(35 24)*

35 24 23 00-0001 Dredging, Barge Mounted *(35 24 23)*

See CSI section 01 74 19 00-0037 for hauling material from shore or barge. 31 23 16 33-0019 for loading.

35 24 23 00-0002	EA	Dredge Excavation Mobilization And Demobilization	22,661.27
		For Inlet Rivers And Canals, Deduct	*-5,665.32*
35 24 23 00-0003	CY	Barge Mounted Clamshell Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	25.17
35 24 23 00-0004	CY	Barge Mounted Dragline Or Clamshell, Hopper Dumped, Pumped 1,000' To Shore Note: Includes tugboat to move barge.	22.66
35 24 23 00-0005	CY	Hydraulic Dredge Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	25.08
35 24 23 00-0006	CY	Hydraulic Dredge Excavation, Pumped 1,000' To Shore Note: Includes tugboat to move barge.	21.05

35 24 26 Backhoe/Dipper Dredging *(35 24)*

35 24 26 00-0001 Dredging, Shoreline Excavators *(35 24 26)*

35 24 26 00-0002	CY	Back Hoe, 1 CY Bucket, Dredging From Shore	14.65
35 24 26 00-0003	CY	Hydraulic Excavator, 2 CY Bucket, Dredging From Shore	9.94

END OF SECTION 35

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-2059 for bolts, 40 05 19 00-2074 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		773.09	208.68
		For Class 52 Rating, Deduct		*-50.26*	
		For Class 54 Rating, Add		*72.33*	
		For Class 55 Rating, Add		*109.48*	
		For Class 56 Rating, Add		*146.17*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		827.51	212.32
		For Class 52 Rating, Deduct		*-55.64*	
		For Class 54 Rating, Add		*79.73*	
		For Class 55 Rating, Add		*120.52*	
		For Class 56 Rating, Add		*160.80*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		881.91	215.97
		For Class 52 Rating, Deduct		*-61.02*	
		For Class 54 Rating, Add		*87.13*	
		For Class 55 Rating, Add		*131.55*	
		For Class 56 Rating, Add		*175.41*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		936.34	219.61
		For Class 52 Rating, Deduct		*-66.39*	
		For Class 54 Rating, Add		*94.53*	
		For Class 55 Rating, Add		*142.58*	
		For Class 56 Rating, Add		*190.04*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		990.75	223.27
		For Class 52 Rating, Deduct		*-71.77*	
		For Class 54 Rating, Add		*101.93*	
		For Class 55 Rating, Add		*153.62*	
		For Class 56 Rating, Add		*204.66*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,045.17	226.91
		For Class 52 Rating, Deduct		*-77.15*	
		For Class 54 Rating, Add		*109.33*	
		For Class 55 Rating, Add		*164.65*	
		For Class 56 Rating, Add		*219.28*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,099.58	230.56
		For Class 52 Rating, Deduct		*-82.53*	
		For Class 54 Rating, Add		*116.73*	
		For Class 55 Rating, Add		*175.69*	
		For Class 56 Rating, Add		*233.90*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,154.01	234.21
		For Class 52 Rating, Deduct		*-87.91*	
		For Class 54 Rating, Add		*124.13*	
		For Class 55 Rating, Add		*186.73*	
		For Class 56 Rating, Add		*248.52*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,208.41	237.86
		For Class 52 Rating, Deduct		*-93.28*	
		For Class 54 Rating, Add		*131.53*	
		For Class 55 Rating, Add		*197.76*	
		For Class 56 Rating, Add		*263.14*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,262.83	241.51
		For Class 52 Rating, Deduct		*-98.66*	
		For Class 54 Rating, Add		*138.93*	
		For Class 55 Rating, Add		*208.79*	
		For Class 56 Rating, Add		*277.76*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,317.25	245.15
		For Class 52 Rating, Deduct		*-104.04*	
		For Class 54 Rating, Add		*146.33*	
		For Class 55 Rating, Add		*219.83*	
		For Class 56 Rating, Add		*292.38*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,371.67	248.81
		For Class 52 Rating, Deduct		*-109.42*	
		For Class 54 Rating, Add		*153.73*	
		For Class 55 Rating, Add		*230.86*	
		For Class 56 Rating, Add		*307.00*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,426.08	252.45
		For Class 52 Rating, Deduct		*-114.79*	
		For Class 54 Rating, Add		*161.13*	
		For Class 55 Rating, Add		*241.90*	
		For Class 56 Rating, Add		*321.63*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,480.50	256.10
		For Class 52 Rating, Deduct	*-120.17*	
		For Class 54 Rating, Add	*168.53*	
		For Class 55 Rating, Add	*252.93*	
		For Class 56 Rating, Add	*336.25*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,534.91	259.74
		For Class 52 Rating, Deduct	*-125.55*	
		For Class 54 Rating, Add	*175.93*	
		For Class 55 Rating, Add	*263.97*	
		For Class 56 Rating, Add	*350.87*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,589.33	263.40
		For Class 52 Rating, Deduct	*-130.93*	
		For Class 54 Rating, Add	*183.33*	
		For Class 55 Rating, Add	*275.00*	
		For Class 56 Rating, Add	*365.49*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,643.74	267.04
		For Class 52 Rating, Deduct	*-136.30*	
		For Class 54 Rating, Add	*190.72*	
		For Class 55 Rating, Add	*286.04*	
		For Class 56 Rating, Add	*380.11*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,698.16	270.69
		For Class 52 Rating, Deduct	*-141.68*	
		For Class 54 Rating, Add	*198.12*	
		For Class 55 Rating, Add	*297.07*	
		For Class 56 Rating, Add	*394.73*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,752.58	274.34
		For Class 52 Rating, Deduct	*-147.06*	
		For Class 54 Rating, Add	*205.52*	
		For Class 55 Rating, Add	*308.11*	
		For Class 56 Rating, Add	*409.35*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,806.99	277.99
		For Class 52 Rating, Deduct	*-152.44*	
		For Class 54 Rating, Add	*212.92*	
		For Class 55 Rating, Add	*319.14*	
		For Class 56 Rating, Add	*423.97*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,861.40	281.64
		For Class 52 Rating, Deduct	*-157.81*	
		For Class 54 Rating, Add	*220.32*	
		For Class 55 Rating, Add	*330.17*	
		For Class 56 Rating, Add	*438.59*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,915.81	285.28
		For Class 52 Rating, Deduct	*-163.19*	
		For Class 54 Rating, Add	*227.72*	
		For Class 55 Rating, Add	*341.21*	
		For Class 56 Rating, Add	*453.21*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,970.24	288.94
		For Class 52 Rating, Deduct	*-168.57*	
		For Class 54 Rating, Add	*235.12*	
		For Class 55 Rating, Add	*352.25*	
		For Class 56 Rating, Add	*467.84*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,024.65	292.58
		For Class 52 Rating, Deduct	*-173.95*	
		For Class 54 Rating, Add	*242.52*	
		For Class 55 Rating, Add	*363.28*	
		For Class 56 Rating, Add	*482.46*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,079.07	296.23
		For Class 52 Rating, Deduct	*-179.33*	
		For Class 54 Rating, Add	*249.92*	
		For Class 55 Rating, Add	*374.32*	
		For Class 56 Rating, Add	*497.08*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,133.48	299.87
		For Class 52 Rating, Deduct	*-184.70*	
		For Class 54 Rating, Add	*257.32*	
		For Class 55 Rating, Add	*385.35*	
		For Class 56 Rating, Add	*511.70*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,187.90	303.53
		For Class 52 Rating, Deduct	*-190.08*	
		For Class 54 Rating, Add	*264.72*	
		For Class 55 Rating, Add	*396.38*	
		For Class 56 Rating, Add	*526.32*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,242.31	307.17
		For Class 52 Rating, Deduct	*-195.46*	
		For Class 54 Rating, Add	*272.12*	
		For Class 55 Rating, Add	*407.42*	
		For Class 56 Rating, Add	*540.94*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,296.73	310.82
		For Class 52 Rating, Deduct	*-200.84*	
		For Class 54 Rating, Add	*279.52*	
		For Class 55 Rating, Add	*418.45*	
		For Class 56 Rating, Add	*555.56*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,351.14	314.46
		For Class 52 Rating, Deduct	*-206.21*	
		For Class 54 Rating, Add	*286.92*	
		For Class 55 Rating, Add	*429.49*	
		For Class 56 Rating, Add	*570.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,405.57	318.12
		For Class 52 Rating, Deduct	*-211.59*	
		For Class 54 Rating, Add	*294.32*	
		For Class 55 Rating, Add	*440.52*	
		For Class 56 Rating, Add	*584.81*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,459.98	321.77
		For Class 52 Rating, Deduct	*-216.97*	
		For Class 54 Rating, Add	*301.72*	
		For Class 55 Rating, Add	*451.56*	
		For Class 56 Rating, Add	*599.43*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,514.39	325.41
		For Class 52 Rating, Deduct	*-222.35*	
		For Class 54 Rating, Add	*309.12*	
		For Class 55 Rating, Add	*462.59*	
		For Class 56 Rating, Add	*614.05*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,568.80	329.07
		For Class 52 Rating, Deduct	*-227.73*	
		For Class 54 Rating, Add	*316.52*	
		For Class 55 Rating, Add	*473.63*	
		For Class 56 Rating, Add	*628.67*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,623.23	332.71
		For Class 52 Rating, Deduct	*-233.10*	
		For Class 54 Rating, Add	*323.92*	
		For Class 55 Rating, Add	*484.66*	
		For Class 56 Rating, Add	*643.29*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,677.64	336.36
		For Class 52 Rating, Deduct	*-238.48*	
		For Class 54 Rating, Add	*331.32*	
		For Class 55 Rating, Add	*495.70*	
		For Class 56 Rating, Add	*657.91*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,732.06	340.00
		For Class 52 Rating, Deduct	*-243.86*	
		For Class 54 Rating, Add	*338.72*	
		For Class 55 Rating, Add	*506.73*	
		For Class 56 Rating, Add	*672.53*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,786.48	343.66
		For Class 52 Rating, Deduct	*-249.24*	
		For Class 54 Rating, Add	*346.12*	
		For Class 55 Rating, Add	*517.77*	
		For Class 56 Rating, Add	*687.15*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,840.89	347.30
		For Class 52 Rating, Deduct	*-254.61*	
		For Class 54 Rating, Add	*353.52*	
		For Class 55 Rating, Add	*528.80*	
		For Class 56 Rating, Add	*701.77*	

40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	979.00	262.67
		For Class 52 Rating, Deduct	*-63.91*	
		For Class 54 Rating, Add	*91.93*	
		For Class 55 Rating, Add	*139.12*	
		For Class 56 Rating, Add	*185.73*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,044.70	266.32
		For Class 52 Rating, Deduct	*-70.53*	
		For Class 54 Rating, Add	*101.02*	
		For Class 55 Rating, Add	*152.67*	
		For Class 56 Rating, Add	*203.68*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,110.39	269.96
		For Class 52 Rating, Deduct	*-77.15*	
		For Class 54 Rating, Add	*110.11*	
		For Class 55 Rating, Add	*166.22*	
		For Class 56 Rating, Add	*221.63*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,176.10	273.61
		For Class 52 Rating, Deduct	*-83.77*	
		For Class 54 Rating, Add	*119.20*	
		For Class 55 Rating, Add	*179.77*	
		For Class 56 Rating, Add	*239.58*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,241.79	277.26
		For Class 52 Rating, Deduct	*-90.39*	
		For Class 54 Rating, Add	*128.30*	
		For Class 55 Rating, Add	*193.32*	
		For Class 56 Rating, Add	*257.52*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,307.48	280.91
		For Class 52 Rating, Deduct	*-97.01*	
		For Class 54 Rating, Add	*137.39*	
		For Class 55 Rating, Add	*206.87*	
		For Class 56 Rating, Add	*275.47*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,373.18	284.55
		For Class 52 Rating, Deduct	*-103.62*	
		For Class 54 Rating, Add	*146.48*	
		For Class 55 Rating, Add	*220.42*	
		For Class 56 Rating, Add	*293.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,438.88	288.20
		For Class 52 Rating, Deduct	*-110.24*	
		For Class 54 Rating, Add	*155.57*	
		For Class 55 Rating, Add	*233.97*	
		For Class 56 Rating, Add	*311.37*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,504.58	291.85
		For Class 52 Rating, Deduct	*-116.86*	
		For Class 54 Rating, Add	*164.66*	
		For Class 55 Rating, Add	*247.52*	
		For Class 56 Rating, Add	*329.32*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,570.27	295.50
		For Class 52 Rating, Deduct	*-123.48*	
		For Class 54 Rating, Add	*173.76*	
		For Class 55 Rating, Add	*261.07*	
		For Class 56 Rating, Add	*347.27*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,635.97	299.14
		For Class 52 Rating, Deduct	*-130.10*	
		For Class 54 Rating, Add	*182.85*	
		For Class 55 Rating, Add	*274.62*	
		For Class 56 Rating, Add	*365.22*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,701.67	302.80
		For Class 52 Rating, Deduct	*-136.72*	
		For Class 54 Rating, Add	*191.94*	
		For Class 55 Rating, Add	*288.18*	
		For Class 56 Rating, Add	*383.17*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,767.37	306.44
		For Class 52 Rating, Deduct	*-143.34*	
		For Class 54 Rating, Add	*201.03*	
		For Class 55 Rating, Add	*301.73*	
		For Class 56 Rating, Add	*401.12*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,833.06	310.09
		For Class 52 Rating, Deduct	*-149.96*	
		For Class 54 Rating, Add	*210.12*	
		For Class 55 Rating, Add	*315.28*	
		For Class 56 Rating, Add	*419.07*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,898.76	313.74
		For Class 52 Rating, Deduct	*-156.57*	
		For Class 54 Rating, Add	*219.21*	
		For Class 55 Rating, Add	*328.83*	
		For Class 56 Rating, Add	*437.02*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,964.46	317.39
		For Class 52 Rating, Deduct	*-163.19*	
		For Class 54 Rating, Add	*228.31*	
		For Class 55 Rating, Add	*342.38*	
		For Class 56 Rating, Add	*454.97*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,030.16	321.04
		For Class 52 Rating, Deduct	*-169.81*	
		For Class 54 Rating, Add	*237.40*	
		For Class 55 Rating, Add	*355.93*	
		For Class 56 Rating, Add	*472.91*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,095.85	324.68
		For Class 52 Rating, Deduct	*-176.43*	
		For Class 54 Rating, Add	*246.49*	
		For Class 55 Rating, Add	*369.48*	
		For Class 56 Rating, Add	*490.86*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,161.55	328.33
		For Class 52 Rating, Deduct	*-183.05*	
		For Class 54 Rating, Add	*255.58*	
		For Class 55 Rating, Add	*383.03*	
		For Class 56 Rating, Add	*508.81*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,227.25	331.98
		For Class 52 Rating, Deduct	*-189.67*	
		For Class 54 Rating, Add	*264.67*	
		For Class 55 Rating, Add	*396.58*	
		For Class 56 Rating, Add	*526.76*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,292.95	335.63
		For Class 52 Rating, Deduct	*-196.29*	
		For Class 54 Rating, Add	*273.77*	
		For Class 55 Rating, Add	*410.13*	
		For Class 56 Rating, Add	*544.71*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,358.64	339.27
		For Class 52 Rating, Deduct	*-202.90*	
		For Class 54 Rating, Add	*282.86*	
		For Class 55 Rating, Add	*423.68*	
		For Class 56 Rating, Add	*562.66*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,424.34	342.93
		For Class 52 Rating, Deduct	*-209.52*	
		For Class 54 Rating, Add	*291.95*	
		For Class 55 Rating, Add	*437.23*	
		For Class 56 Rating, Add	*580.61*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,490.04	346.57
		For Class 52 Rating, Deduct	*-216.14*	
		For Class 54 Rating, Add	*301.04*	
		For Class 55 Rating, Add	*450.78*	
		For Class 56 Rating, Add	*598.56*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068		EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,555.74	350.22
			For Class 52 Rating, Deduct	*-222.76*	
			For Class 54 Rating, Add	*310.13*	
			For Class 55 Rating, Add	*464.33*	
			For Class 56 Rating, Add	*616.51*	
40 05 19 00-0069		EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,621.43	353.87
			For Class 52 Rating, Deduct	*-229.38*	
			For Class 54 Rating, Add	*319.22*	
			For Class 55 Rating, Add	*477.88*	
			For Class 56 Rating, Add	*634.46*	
40 05 19 00-0070		EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,687.15	357.52
			For Class 52 Rating, Deduct	*-236.00*	
			For Class 54 Rating, Add	*328.32*	
			For Class 55 Rating, Add	*491.44*	
			For Class 56 Rating, Add	*652.41*	
40 05 19 00-0071		EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,752.84	361.17
			For Class 52 Rating, Deduct	*-242.62*	
			For Class 54 Rating, Add	*337.41*	
			For Class 55 Rating, Add	*504.99*	
			For Class 56 Rating, Add	*670.36*	
40 05 19 00-0072		EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,818.54	364.81
			For Class 52 Rating, Deduct	*-249.24*	
			For Class 54 Rating, Add	*346.50*	
			For Class 55 Rating, Add	*518.54*	
			For Class 56 Rating, Add	*688.31*	
40 05 19 00-0073		EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,884.23	368.46
			For Class 52 Rating, Deduct	*-255.86*	
			For Class 54 Rating, Add	*355.59*	
			For Class 55 Rating, Add	*532.09*	
			For Class 56 Rating, Add	*706.26*	
40 05 19 00-0074		EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,949.94	372.11
			For Class 52 Rating, Deduct	*-262.47*	
			For Class 54 Rating, Add	*364.69*	
			For Class 55 Rating, Add	*545.64*	
			For Class 56 Rating, Add	*724.21*	
40 05 19 00-0075		EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,015.63	375.76
			For Class 52 Rating, Deduct	*-269.09*	
			For Class 54 Rating, Add	*373.78*	
			For Class 55 Rating, Add	*559.19*	
			For Class 56 Rating, Add	*742.15*	
40 05 19 00-0076		EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,081.33	379.40
			For Class 52 Rating, Deduct	*-275.71*	
			For Class 54 Rating, Add	*382.87*	
			For Class 55 Rating, Add	*572.74*	
			For Class 56 Rating, Add	*760.10*	
40 05 19 00-0077		EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,147.02	383.06
			For Class 52 Rating, Deduct	*-282.33*	
			For Class 54 Rating, Add	*391.96*	
			For Class 55 Rating, Add	*586.29*	
			For Class 56 Rating, Add	*778.05*	
40 05 19 00-0078		EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.73	386.70
			For Class 52 Rating, Deduct	*-288.95*	
			For Class 54 Rating, Add	*401.05*	
			For Class 55 Rating, Add	*599.84*	
			For Class 56 Rating, Add	*796.00*	
40 05 19 00-0079		EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,278.42	390.35
			For Class 52 Rating, Deduct	*-295.57*	
			For Class 54 Rating, Add	*410.14*	
			For Class 55 Rating, Add	*613.39*	
			For Class 56 Rating, Add	*813.95*	
40 05 19 00-0080		EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,344.12	393.99
			For Class 52 Rating, Deduct	*-302.19*	
			For Class 54 Rating, Add	*419.24*	
			For Class 55 Rating, Add	*626.94*	
			For Class 56 Rating, Add	*831.90*	
40 05 19 00-0081		EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,409.81	397.65
			For Class 52 Rating, Deduct	*-308.81*	
			For Class 54 Rating, Add	*428.33*	
			For Class 55 Rating, Add	*640.49*	
			For Class 56 Rating, Add	*849.85*	
40 05 19 00-0082		EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,475.52	401.30
			For Class 52 Rating, Deduct	*-315.42*	
			For Class 54 Rating, Add	*437.42*	
			For Class 55 Rating, Add	*654.04*	
			For Class 56 Rating, Add	*867.80*	
40 05 19 00-0083			8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0084		EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,364.08	335.63
			For Class 52 Rating, Deduct	*-94.11*	
			For Class 54 Rating, Add	*134.43*	
			For Class 55 Rating, Add	*202.99*	
			For Class 56 Rating, Add	*270.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,452.33	339.27
		For Class 52 Rating, Deduct	*-103.21*	
		For Class 54 Rating, Add	*146.91*	
		For Class 55 Rating, Add	*221.57*	
		For Class 56 Rating, Add	*295.30*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,540.59	342.93
		For Class 52 Rating, Deduct	*-112.31*	
		For Class 54 Rating, Add	*159.39*	
		For Class 55 Rating, Add	*240.16*	
		For Class 56 Rating, Add	*319.90*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,628.86	346.57
		For Class 52 Rating, Deduct	*-121.41*	
		For Class 54 Rating, Add	*171.86*	
		For Class 55 Rating, Add	*258.74*	
		For Class 56 Rating, Add	*344.51*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,717.12	350.22
		For Class 52 Rating, Deduct	*-130.51*	
		For Class 54 Rating, Add	*184.34*	
		For Class 55 Rating, Add	*277.32*	
		For Class 56 Rating, Add	*369.11*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,805.38	353.87
		For Class 52 Rating, Deduct	*-139.61*	
		For Class 54 Rating, Add	*196.82*	
		For Class 55 Rating, Add	*295.90*	
		For Class 56 Rating, Add	*393.72*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,893.65	357.52
		For Class 52 Rating, Deduct	*-148.71*	
		For Class 54 Rating, Add	*209.29*	
		For Class 55 Rating, Add	*314.49*	
		For Class 56 Rating, Add	*418.33*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,981.90	361.17
		For Class 52 Rating, Deduct	*-157.81*	
		For Class 54 Rating, Add	*221.77*	
		For Class 55 Rating, Add	*333.07*	
		For Class 56 Rating, Add	*442.93*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,070.17	364.81
		For Class 52 Rating, Deduct	*-166.92*	
		For Class 54 Rating, Add	*234.25*	
		For Class 55 Rating, Add	*351.65*	
		For Class 56 Rating, Add	*467.54*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,158.42	368.46
		For Class 52 Rating, Deduct	*-176.02*	
		For Class 54 Rating, Add	*246.72*	
		For Class 55 Rating, Add	*370.23*	
		For Class 56 Rating, Add	*492.14*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,246.70	372.11
		For Class 52 Rating, Deduct	*-185.12*	
		For Class 54 Rating, Add	*259.20*	
		For Class 55 Rating, Add	*388.82*	
		For Class 56 Rating, Add	*516.75*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,334.95	375.76
		For Class 52 Rating, Deduct	*-194.22*	
		For Class 54 Rating, Add	*271.67*	
		For Class 55 Rating, Add	*407.40*	
		For Class 56 Rating, Add	*541.35*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,423.21	379.40
		For Class 52 Rating, Deduct	*-203.32*	
		For Class 54 Rating, Add	*284.15*	
		For Class 55 Rating, Add	*425.98*	
		For Class 56 Rating, Add	*565.96*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,511.47	383.06
		For Class 52 Rating, Deduct	*-212.42*	
		For Class 54 Rating, Add	*296.63*	
		For Class 55 Rating, Add	*444.56*	
		For Class 56 Rating, Add	*590.57*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,599.74	386.70
		For Class 52 Rating, Deduct	*-221.52*	
		For Class 54 Rating, Add	*309.10*	
		For Class 55 Rating, Add	*463.14*	
		For Class 56 Rating, Add	*615.17*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,688.00	390.35
		For Class 52 Rating, Deduct	*-230.62*	
		For Class 54 Rating, Add	*321.58*	
		For Class 55 Rating, Add	*481.73*	
		For Class 56 Rating, Add	*639.78*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,776.26	393.99
		For Class 52 Rating, Deduct	*-239.72*	
		For Class 54 Rating, Add	*334.06*	
		For Class 55 Rating, Add	*500.31*	
		For Class 56 Rating, Add	*664.38*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,864.51	397.65
		For Class 52 Rating, Deduct	*-248.82*	
		For Class 54 Rating, Add	*346.53*	
		For Class 55 Rating, Add	*518.89*	
		For Class 56 Rating, Add	*688.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,952.79	401.30
		For Class 52 Rating, Deduct	*-257.92*	
		For Class 54 Rating, Add	*359.01*	
		For Class 55 Rating, Add	*537.47*	
		For Class 56 Rating, Add	*713.59*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,041.04	404.94
		For Class 52 Rating, Deduct	*-267.02*	
		For Class 54 Rating, Add	*371.49*	
		For Class 55 Rating, Add	*556.06*	
		For Class 56 Rating, Add	*738.20*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,129.31	408.59
		For Class 52 Rating, Deduct	*-276.13*	
		For Class 54 Rating, Add	*383.96*	
		For Class 55 Rating, Add	*574.64*	
		For Class 56 Rating, Add	*762.80*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,217.56	412.24
		For Class 52 Rating, Deduct	*-285.23*	
		For Class 54 Rating, Add	*396.44*	
		For Class 55 Rating, Add	*593.22*	
		For Class 56 Rating, Add	*787.41*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,305.84	415.89
		For Class 52 Rating, Deduct	*-294.33*	
		For Class 54 Rating, Add	*408.92*	
		For Class 55 Rating, Add	*611.80*	
		For Class 56 Rating, Add	*812.02*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,394.09	419.53
		For Class 52 Rating, Deduct	*-303.43*	
		For Class 54 Rating, Add	*421.39*	
		For Class 55 Rating, Add	*630.39*	
		For Class 56 Rating, Add	*836.62*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,482.34	423.19
		For Class 52 Rating, Deduct	*-312.53*	
		For Class 54 Rating, Add	*433.87*	
		For Class 55 Rating, Add	*648.97*	
		For Class 56 Rating, Add	*861.22*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,570.61	426.83
		For Class 52 Rating, Deduct	*-321.63*	
		For Class 54 Rating, Add	*446.35*	
		For Class 55 Rating, Add	*667.55*	
		For Class 56 Rating, Add	*885.83*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,658.87	430.48
		For Class 52 Rating, Deduct	*-330.73*	
		For Class 54 Rating, Add	*458.82*	
		For Class 55 Rating, Add	*686.13*	
		For Class 56 Rating, Add	*910.44*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,747.14	434.12
		For Class 52 Rating, Deduct	*-339.83*	
		For Class 54 Rating, Add	*471.30*	
		For Class 55 Rating, Add	*704.72*	
		For Class 56 Rating, Add	*935.04*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,835.39	437.78
		For Class 52 Rating, Deduct	*-348.93*	
		For Class 54 Rating, Add	*483.77*	
		For Class 55 Rating, Add	*723.30*	
		For Class 56 Rating, Add	*959.65*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,923.66	441.43
		For Class 52 Rating, Deduct	*-358.03*	
		For Class 54 Rating, Add	*496.25*	
		For Class 55 Rating, Add	*741.88*	
		For Class 56 Rating, Add	*984.25*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,011.92	445.07
		For Class 52 Rating, Deduct	*-367.13*	
		For Class 54 Rating, Add	*508.73*	
		For Class 55 Rating, Add	*760.46*	
		For Class 56 Rating, Add	*1,008.86*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,100.18	448.72
		For Class 52 Rating, Deduct	*-376.23*	
		For Class 54 Rating, Add	*521.20*	
		For Class 55 Rating, Add	*779.04*	
		For Class 56 Rating, Add	*1,033.46*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,188.44	452.37
		For Class 52 Rating, Deduct	*-385.33*	
		For Class 54 Rating, Add	*533.68*	
		For Class 55 Rating, Add	*797.63*	
		For Class 56 Rating, Add	*1,058.07*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,276.71	456.02
		For Class 52 Rating, Deduct	*-394.43*	
		For Class 54 Rating, Add	*546.16*	
		For Class 55 Rating, Add	*816.21*	
		For Class 56 Rating, Add	*1,082.68*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,364.96	459.66
		For Class 52 Rating, Deduct	*-403.54*	
		For Class 54 Rating, Add	*558.63*	
		For Class 55 Rating, Add	*834.79*	
		For Class 56 Rating, Add	*1,107.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,453.23	463.32
		For Class 52 Rating, Deduct	*-412.64*	
		For Class 54 Rating, Add	*571.11*	
		For Class 55 Rating, Add	*853.37*	
		For Class 56 Rating, Add	*1,131.89*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,541.48	466.96
		For Class 52 Rating, Deduct	*-421.74*	
		For Class 54 Rating, Add	*583.59*	
		For Class 55 Rating, Add	*871.96*	
		For Class 56 Rating, Add	*1,156.49*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,629.76	470.61
		For Class 52 Rating, Deduct	*-430.84*	
		For Class 54 Rating, Add	*596.06*	
		For Class 55 Rating, Add	*890.54*	
		For Class 56 Rating, Add	*1,181.10*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,718.01	474.25
		For Class 52 Rating, Deduct	*-439.94*	
		For Class 54 Rating, Add	*608.54*	
		For Class 55 Rating, Add	*909.12*	
		For Class 56 Rating, Add	*1,205.70*	
40 05 19 00-0123		10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,717.19	408.59
		For Class 52 Rating, Deduct	*-120.79*	
		For Class 54 Rating, Add	*172.15*	
		For Class 55 Rating, Add	*259.74*	
		For Class 56 Rating, Add	*346.23*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,831.77	412.24
		For Class 52 Rating, Deduct	*-132.79*	
		For Class 54 Rating, Add	*188.57*	
		For Class 55 Rating, Add	*284.19*	
		For Class 56 Rating, Add	*378.60*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,946.36	415.89
		For Class 52 Rating, Deduct	*-144.78*	
		For Class 54 Rating, Add	*204.99*	
		For Class 55 Rating, Add	*308.64*	
		For Class 56 Rating, Add	*410.97*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,060.94	419.53
		For Class 52 Rating, Deduct	*-156.78*	
		For Class 54 Rating, Add	*221.42*	
		For Class 55 Rating, Add	*333.09*	
		For Class 56 Rating, Add	*443.34*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,175.52	423.19
		For Class 52 Rating, Deduct	*-168.78*	
		For Class 54 Rating, Add	*237.85*	
		For Class 55 Rating, Add	*357.55*	
		For Class 56 Rating, Add	*475.71*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,290.11	426.83
		For Class 52 Rating, Deduct	*-180.77*	
		For Class 54 Rating, Add	*254.27*	
		For Class 55 Rating, Add	*382.00*	
		For Class 56 Rating, Add	*508.08*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,404.70	430.48
		For Class 52 Rating, Deduct	*-192.77*	
		For Class 54 Rating, Add	*270.70*	
		For Class 55 Rating, Add	*406.45*	
		For Class 56 Rating, Add	*540.46*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,519.29	434.12
		For Class 52 Rating, Deduct	*-204.77*	
		For Class 54 Rating, Add	*287.12*	
		For Class 55 Rating, Add	*430.91*	
		For Class 56 Rating, Add	*572.83*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,633.87	437.78
		For Class 52 Rating, Deduct	*-216.76*	
		For Class 54 Rating, Add	*303.55*	
		For Class 55 Rating, Add	*455.36*	
		For Class 56 Rating, Add	*605.20*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,748.46	441.43
		For Class 52 Rating, Deduct	*-228.76*	
		For Class 54 Rating, Add	*319.97*	
		For Class 55 Rating, Add	*479.81*	
		For Class 56 Rating, Add	*637.57*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,863.04	445.07
		For Class 52 Rating, Deduct	*-240.76*	
		For Class 54 Rating, Add	*336.40*	
		For Class 55 Rating, Add	*504.26*	
		For Class 56 Rating, Add	*669.94*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,977.63	448.72
		For Class 52 Rating, Deduct	*-252.75*	
		For Class 54 Rating, Add	*352.82*	
		For Class 55 Rating, Add	*528.72*	
		For Class 56 Rating, Add	*702.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,092.21	452.37
		For Class 52 Rating, Deduct	*-264.75*	
		For Class 54 Rating, Add	*369.25*	
		For Class 55 Rating, Add	*553.17*	
		For Class 56 Rating, Add	*734.68*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,206.81	456.02
		For Class 52 Rating, Deduct	*-276.75*	
		For Class 54 Rating, Add	*385.67*	
		For Class 55 Rating, Add	*577.62*	
		For Class 56 Rating, Add	*767.06*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,321.39	459.66
		For Class 52 Rating, Deduct	*-288.74*	
		For Class 54 Rating, Add	*402.10*	
		For Class 55 Rating, Add	*602.07*	
		For Class 56 Rating, Add	*799.43*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,435.98	463.32
		For Class 52 Rating, Deduct	*-300.74*	
		For Class 54 Rating, Add	*418.52*	
		For Class 55 Rating, Add	*626.53*	
		For Class 56 Rating, Add	*831.80*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,550.55	466.96
		For Class 52 Rating, Deduct	*-312.73*	
		For Class 54 Rating, Add	*434.95*	
		For Class 55 Rating, Add	*650.98*	
		For Class 56 Rating, Add	*864.17*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,665.15	470.61
		For Class 52 Rating, Deduct	*-324.73*	
		For Class 54 Rating, Add	*451.37*	
		For Class 55 Rating, Add	*675.43*	
		For Class 56 Rating, Add	*896.54*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,779.73	474.25
		For Class 52 Rating, Deduct	*-336.73*	
		For Class 54 Rating, Add	*467.80*	
		For Class 55 Rating, Add	*699.88*	
		For Class 56 Rating, Add	*928.91*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,894.32	477.91
		For Class 52 Rating, Deduct	*-348.72*	
		For Class 54 Rating, Add	*484.22*	
		For Class 55 Rating, Add	*724.34*	
		For Class 56 Rating, Add	*961.28*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,008.90	481.55
		For Class 52 Rating, Deduct	*-360.72*	
		For Class 54 Rating, Add	*500.65*	
		For Class 55 Rating, Add	*748.79*	
		For Class 56 Rating, Add	*993.65*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,123.50	485.20
		For Class 52 Rating, Deduct	*-372.72*	
		For Class 54 Rating, Add	*517.07*	
		For Class 55 Rating, Add	*773.24*	
		For Class 56 Rating, Add	*1,026.03*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,238.08	488.85
		For Class 52 Rating, Deduct	*-384.71*	
		For Class 54 Rating, Add	*533.50*	
		For Class 55 Rating, Add	*797.70*	
		For Class 56 Rating, Add	*1,058.40*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,352.66	492.50
		For Class 52 Rating, Deduct	*-396.71*	
		For Class 54 Rating, Add	*549.92*	
		For Class 55 Rating, Add	*822.15*	
		For Class 56 Rating, Add	*1,090.77*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,467.24	496.15
		For Class 52 Rating, Deduct	*-408.71*	
		For Class 54 Rating, Add	*566.35*	
		For Class 55 Rating, Add	*846.60*	
		For Class 56 Rating, Add	*1,123.14*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,581.84	499.79
		For Class 52 Rating, Deduct	*-420.70*	
		For Class 54 Rating, Add	*582.77*	
		For Class 55 Rating, Add	*871.05*	
		For Class 56 Rating, Add	*1,155.51*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,696.42	503.45
		For Class 52 Rating, Deduct	*-432.70*	
		For Class 54 Rating, Add	*599.20*	
		For Class 55 Rating, Add	*895.51*	
		For Class 56 Rating, Add	*1,187.88*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,811.01	507.09
		For Class 52 Rating, Deduct	*-444.70*	
		For Class 54 Rating, Add	*615.62*	
		For Class 55 Rating, Add	*919.96*	
		For Class 56 Rating, Add	*1,220.25*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,925.59	510.74
		For Class 52 Rating, Deduct	*-456.69*	
		For Class 54 Rating, Add	*632.05*	
		For Class 55 Rating, Add	*944.41*	
		For Class 56 Rating, Add	*1,252.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,040.19	514.38
		For Class 52 Rating, Deduct	*-468.69*	
		For Class 54 Rating, Add	*648.47*	
		For Class 55 Rating, Add	*968.87*	
		For Class 56 Rating, Add	*1,285.00*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,154.76	518.04
		For Class 52 Rating, Deduct	*-480.68*	
		For Class 54 Rating, Add	*664.90*	
		For Class 55 Rating, Add	*993.32*	
		For Class 56 Rating, Add	*1,317.37*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,267.47	521.68
		For Class 52 Rating, Deduct	*-492.47*	
		For Class 54 Rating, Add	*681.04*	
		For Class 55 Rating, Add	*1,017.35*	
		For Class 56 Rating, Add	*1,349.18*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,383.94	525.33
		For Class 52 Rating, Deduct	*-504.68*	
		For Class 54 Rating, Add	*697.75*	
		For Class 55 Rating, Add	*1,042.22*	
		For Class 56 Rating, Add	*1,382.11*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,498.53	528.97
		For Class 52 Rating, Deduct	*-516.67*	
		For Class 54 Rating, Add	*714.17*	
		For Class 55 Rating, Add	*1,066.68*	
		For Class 56 Rating, Add	*1,414.48*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,613.11	532.63
		For Class 52 Rating, Deduct	*-528.67*	
		For Class 54 Rating, Add	*730.60*	
		For Class 55 Rating, Add	*1,091.13*	
		For Class 56 Rating, Add	*1,446.85*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,727.70	536.28
		For Class 52 Rating, Deduct	*-540.67*	
		For Class 54 Rating, Add	*747.02*	
		For Class 55 Rating, Add	*1,115.58*	
		For Class 56 Rating, Add	*1,479.22*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,842.29	539.92
		For Class 52 Rating, Deduct	*-552.66*	
		For Class 54 Rating, Add	*763.45*	
		For Class 55 Rating, Add	*1,140.03*	
		For Class 56 Rating, Add	*1,511.60*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,956.87	543.58
		For Class 52 Rating, Deduct	*-564.66*	
		For Class 54 Rating, Add	*779.87*	
		For Class 55 Rating, Add	*1,164.49*	
		For Class 56 Rating, Add	*1,543.96*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,071.45	547.22
		For Class 52 Rating, Deduct	*-576.66*	
		For Class 54 Rating, Add	*796.30*	
		For Class 55 Rating, Add	*1,188.94*	
		For Class 56 Rating, Add	*1,576.34*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,244.25	510.74
		For Class 52 Rating, Deduct	*-161.75*	
		For Class 54 Rating, Add	*229.85*	
		For Class 55 Rating, Add	*346.47*	
		For Class 56 Rating, Add	*461.63*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,387.05	514.38
		For Class 52 Rating, Deduct	*-176.84*	
		For Class 54 Rating, Add	*250.50*	
		For Class 55 Rating, Add	*377.22*	
		For Class 56 Rating, Add	*502.32*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,529.84	518.04
		For Class 52 Rating, Deduct	*-191.94*	
		For Class 54 Rating, Add	*271.16*	
		For Class 55 Rating, Add	*407.96*	
		For Class 56 Rating, Add	*543.01*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,672.63	521.68
		For Class 52 Rating, Deduct	*-207.04*	
		For Class 54 Rating, Add	*291.82*	
		For Class 55 Rating, Add	*438.70*	
		For Class 56 Rating, Add	*583.70*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,815.42	525.33
		For Class 52 Rating, Deduct	*-222.14*	
		For Class 54 Rating, Add	*312.47*	
		For Class 55 Rating, Add	*469.44*	
		For Class 56 Rating, Add	*624.40*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,958.22	528.97
		For Class 52 Rating, Deduct	*-237.24*	
		For Class 54 Rating, Add	*333.13*	
		For Class 55 Rating, Add	*500.19*	
		For Class 56 Rating, Add	*665.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,101.00	532.63
		For Class 52 Rating, Deduct	*-252.34*	
		For Class 54 Rating, Add	*353.78*	
		For Class 55 Rating, Add	*530.93*	
		For Class 56 Rating, Add	*705.78*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,243.79	536.28
		For Class 52 Rating, Deduct	*-267.44*	
		For Class 54 Rating, Add	*374.44*	
		For Class 55 Rating, Add	*561.67*	
		For Class 56 Rating, Add	*746.47*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,386.59	539.92
		For Class 52 Rating, Deduct	*-282.54*	
		For Class 54 Rating, Add	*395.09*	
		For Class 55 Rating, Add	*592.41*	
		For Class 56 Rating, Add	*787.16*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,529.38	543.58
		For Class 52 Rating, Deduct	*-297.64*	
		For Class 54 Rating, Add	*415.75*	
		For Class 55 Rating, Add	*623.16*	
		For Class 56 Rating, Add	*827.85*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,672.16	547.22
		For Class 52 Rating, Deduct	*-312.73*	
		For Class 54 Rating, Add	*436.41*	
		For Class 55 Rating, Add	*653.90*	
		For Class 56 Rating, Add	*868.55*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,814.96	550.87
		For Class 52 Rating, Deduct	*-327.83*	
		For Class 54 Rating, Add	*457.06*	
		For Class 55 Rating, Add	*684.64*	
		For Class 56 Rating, Add	*909.24*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,957.75	554.51
		For Class 52 Rating, Deduct	*-342.93*	
		For Class 54 Rating, Add	*477.72*	
		For Class 55 Rating, Add	*715.38*	
		For Class 56 Rating, Add	*949.93*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,100.54	558.17
		For Class 52 Rating, Deduct	*-358.03*	
		For Class 54 Rating, Add	*498.37*	
		For Class 55 Rating, Add	*746.12*	
		For Class 56 Rating, Add	*990.62*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,243.33	561.81
		For Class 52 Rating, Deduct	*-373.13*	
		For Class 54 Rating, Add	*519.03*	
		For Class 55 Rating, Add	*776.87*	
		For Class 56 Rating, Add	*1,031.31*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,386.11	565.46
		For Class 52 Rating, Deduct	*-388.23*	
		For Class 54 Rating, Add	*539.69*	
		For Class 55 Rating, Add	*807.61*	
		For Class 56 Rating, Add	*1,072.00*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,528.91	569.10
		For Class 52 Rating, Deduct	*-403.33*	
		For Class 54 Rating, Add	*560.34*	
		For Class 55 Rating, Add	*838.35*	
		For Class 56 Rating, Add	*1,112.70*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,671.70	572.76
		For Class 52 Rating, Deduct	*-418.43*	
		For Class 54 Rating, Add	*581.00*	
		For Class 55 Rating, Add	*869.09*	
		For Class 56 Rating, Add	*1,153.39*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,814.49	576.41
		For Class 52 Rating, Deduct	*-433.53*	
		For Class 54 Rating, Add	*601.65*	
		For Class 55 Rating, Add	*899.84*	
		For Class 56 Rating, Add	*1,194.08*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,957.27	580.05
		For Class 52 Rating, Deduct	*-448.63*	
		For Class 54 Rating, Add	*622.31*	
		For Class 55 Rating, Add	*930.58*	
		For Class 56 Rating, Add	*1,234.77*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,100.08	583.71
		For Class 52 Rating, Deduct	*-463.72*	
		For Class 54 Rating, Add	*642.96*	
		For Class 55 Rating, Add	*961.32*	
		For Class 56 Rating, Add	*1,275.46*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,242.86	587.35
		For Class 52 Rating, Deduct	*-478.82*	
		For Class 54 Rating, Add	*663.62*	
		For Class 55 Rating, Add	*992.06*	
		For Class 56 Rating, Add	*1,316.15*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,385.65	591.00
		For Class 52 Rating, Deduct	*-493.92*	
		For Class 54 Rating, Add	*684.28*	
		For Class 55 Rating, Add	*1,022.81*	
		For Class 56 Rating, Add	*1,356.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,528.44	594.64
		For Class 52 Rating, Deduct	*-509.02*	
		For Class 54 Rating, Add	*704.93*	
		For Class 55 Rating, Add	*1,053.55*	
		For Class 56 Rating, Add	*1,397.54*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,671.24	598.30
		For Class 52 Rating, Deduct	*-524.12*	
		For Class 54 Rating, Add	*725.59*	
		For Class 55 Rating, Add	*1,084.29*	
		For Class 56 Rating, Add	*1,438.23*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,814.02	601.94
		For Class 52 Rating, Deduct	*-539.22*	
		For Class 54 Rating, Add	*746.24*	
		For Class 55 Rating, Add	*1,115.03*	
		For Class 56 Rating, Add	*1,478.92*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,956.82	605.59
		For Class 52 Rating, Deduct	*-554.32*	
		For Class 54 Rating, Add	*766.90*	
		For Class 55 Rating, Add	*1,145.78*	
		For Class 56 Rating, Add	*1,519.61*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,099.60	609.23
		For Class 52 Rating, Deduct	*-569.42*	
		For Class 54 Rating, Add	*787.55*	
		For Class 55 Rating, Add	*1,176.52*	
		For Class 56 Rating, Add	*1,560.30*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,242.40	612.89
		For Class 52 Rating, Deduct	*-584.52*	
		For Class 54 Rating, Add	*808.21*	
		For Class 55 Rating, Add	*1,207.26*	
		For Class 56 Rating, Add	*1,601.00*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,385.19	616.53
		For Class 52 Rating, Deduct	*-599.62*	
		For Class 54 Rating, Add	*828.87*	
		For Class 55 Rating, Add	*1,238.00*	
		For Class 56 Rating, Add	*1,641.69*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,527.98	620.18
		For Class 52 Rating, Deduct	*-614.71*	
		For Class 54 Rating, Add	*849.52*	
		For Class 55 Rating, Add	*1,268.75*	
		For Class 56 Rating, Add	*1,682.38*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,670.77	623.83
		For Class 52 Rating, Deduct	*-629.81*	
		For Class 54 Rating, Add	*870.18*	
		For Class 55 Rating, Add	*1,299.49*	
		For Class 56 Rating, Add	*1,723.07*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,813.57	627.48
		For Class 52 Rating, Deduct	*-644.91*	
		For Class 54 Rating, Add	*890.83*	
		For Class 55 Rating, Add	*1,330.23*	
		For Class 56 Rating, Add	*1,763.76*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,956.35	631.13
		For Class 52 Rating, Deduct	*-660.01*	
		For Class 54 Rating, Add	*911.49*	
		For Class 55 Rating, Add	*1,360.97*	
		For Class 56 Rating, Add	*1,804.45*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,099.14	634.77
		For Class 52 Rating, Deduct	*-675.11*	
		For Class 54 Rating, Add	*932.15*	
		For Class 55 Rating, Add	*1,391.71*	
		For Class 56 Rating, Add	*1,845.15*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,241.94	638.43
		For Class 52 Rating, Deduct	*-690.21*	
		For Class 54 Rating, Add	*952.80*	
		For Class 55 Rating, Add	*1,422.46*	
		For Class 56 Rating, Add	*1,885.84*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,384.73	642.07
		For Class 52 Rating, Deduct	*-705.31*	
		For Class 54 Rating, Add	*973.46*	
		For Class 55 Rating, Add	*1,453.20*	
		For Class 56 Rating, Add	*1,926.53*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,527.51	645.72
		For Class 52 Rating, Deduct	*-720.41*	
		For Class 54 Rating, Add	*994.11*	
		For Class 55 Rating, Add	*1,483.94*	
		For Class 56 Rating, Add	*1,967.22*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,670.31	649.36
		For Class 52 Rating, Deduct	*-735.51*	
		For Class 54 Rating, Add	*1,014.77*	
		For Class 55 Rating, Add	*1,514.69*	
		For Class 56 Rating, Add	*2,007.91*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,987.57	612.89
		For Class 52 Rating, Deduct	*-226.48*	
		For Class 54 Rating, Add	*319.99*	
		For Class 55 Rating, Add	*481.43*	
		For Class 56 Rating, Add	*640.82*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,160.44	616.53
		For Class 52 Rating, Deduct	*-244.89*	
		For Class 54 Rating, Add	*345.15*	
		For Class 55 Rating, Add	*518.88*	
		For Class 56 Rating, Add	*690.39*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,333.32	620.18
		For Class 52 Rating, Deduct	*-263.30*	
		For Class 54 Rating, Add	*370.32*	
		For Class 55 Rating, Add	*556.34*	
		For Class 56 Rating, Add	*739.95*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.20	623.83
		For Class 52 Rating, Deduct	*-281.71*	
		For Class 54 Rating, Add	*395.49*	
		For Class 55 Rating, Add	*593.79*	
		For Class 56 Rating, Add	*789.52*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,679.07	627.48
		For Class 52 Rating, Deduct	*-300.12*	
		For Class 54 Rating, Add	*420.66*	
		For Class 55 Rating, Add	*631.24*	
		For Class 56 Rating, Add	*839.09*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,851.94	631.13
		For Class 52 Rating, Deduct	*-318.53*	
		For Class 54 Rating, Add	*445.83*	
		For Class 55 Rating, Add	*668.69*	
		For Class 56 Rating, Add	*888.65*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,024.82	634.77
		For Class 52 Rating, Deduct	*-336.93*	
		For Class 54 Rating, Add	*471.00*	
		For Class 55 Rating, Add	*706.14*	
		For Class 56 Rating, Add	*938.22*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,197.70	638.43
		For Class 52 Rating, Deduct	*-355.34*	
		For Class 54 Rating, Add	*496.17*	
		For Class 55 Rating, Add	*743.59*	
		For Class 56 Rating, Add	*987.79*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,370.58	642.07
		For Class 52 Rating, Deduct	*-373.75*	
		For Class 54 Rating, Add	*521.34*	
		For Class 55 Rating, Add	*781.04*	
		For Class 56 Rating, Add	*1,037.36*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,543.45	645.72
		For Class 52 Rating, Deduct	*-392.16*	
		For Class 54 Rating, Add	*546.50*	
		For Class 55 Rating, Add	*818.50*	
		For Class 56 Rating, Add	*1,086.92*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,716.33	649.36
		For Class 52 Rating, Deduct	*-410.57*	
		For Class 54 Rating, Add	*571.67*	
		For Class 55 Rating, Add	*855.95*	
		For Class 56 Rating, Add	*1,136.49*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,889.20	653.02
		For Class 52 Rating, Deduct	*-428.98*	
		For Class 54 Rating, Add	*596.84*	
		For Class 55 Rating, Add	*893.40*	
		For Class 56 Rating, Add	*1,186.05*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,062.08	656.66
		For Class 52 Rating, Deduct	*-447.38*	
		For Class 54 Rating, Add	*622.01*	
		For Class 55 Rating, Add	*930.85*	
		For Class 56 Rating, Add	*1,235.62*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,234.95	660.31
		For Class 52 Rating, Deduct	*-465.79*	
		For Class 54 Rating, Add	*647.18*	
		For Class 55 Rating, Add	*968.30*	
		For Class 56 Rating, Add	*1,285.19*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,407.83	663.96
		For Class 52 Rating, Deduct	*-484.20*	
		For Class 54 Rating, Add	*672.35*	
		For Class 55 Rating, Add	*1,005.75*	
		For Class 56 Rating, Add	*1,334.76*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,580.71	667.61
		For Class 52 Rating, Deduct	*-502.61*	
		For Class 54 Rating, Add	*697.52*	
		For Class 55 Rating, Add	*1,043.20*	
		For Class 56 Rating, Add	*1,384.32*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,753.59	671.26
		For Class 52 Rating, Deduct	*-521.02*	
		For Class 54 Rating, Add	*722.68*	
		For Class 55 Rating, Add	*1,080.66*	
		For Class 56 Rating, Add	*1,433.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,926.45	674.90
		For Class 52 Rating, Deduct	*-539.43*	
		For Class 54 Rating, Add	*747.85*	
		For Class 55 Rating, Add	*1,118.10*	
		For Class 56 Rating, Add	*1,483.45*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,099.33	678.56
		For Class 52 Rating, Deduct	*-557.83*	
		For Class 54 Rating, Add	*773.02*	
		For Class 55 Rating, Add	*1,155.56*	
		For Class 56 Rating, Add	*1,533.02*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,272.21	682.20
		For Class 52 Rating, Deduct	*-576.24*	
		For Class 54 Rating, Add	*798.19*	
		For Class 55 Rating, Add	*1,193.01*	
		For Class 56 Rating, Add	*1,582.59*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,445.09	685.85
		For Class 52 Rating, Deduct	*-594.65*	
		For Class 54 Rating, Add	*823.36*	
		For Class 55 Rating, Add	*1,230.46*	
		For Class 56 Rating, Add	*1,632.16*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,617.96	689.49
		For Class 52 Rating, Deduct	*-613.06*	
		For Class 54 Rating, Add	*848.53*	
		For Class 55 Rating, Add	*1,267.91*	
		For Class 56 Rating, Add	*1,681.72*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,790.84	693.15
		For Class 52 Rating, Deduct	*-631.47*	
		For Class 54 Rating, Add	*873.70*	
		For Class 55 Rating, Add	*1,305.36*	
		For Class 56 Rating, Add	*1,731.29*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,963.72	696.79
		For Class 52 Rating, Deduct	*-649.88*	
		For Class 54 Rating, Add	*898.86*	
		For Class 55 Rating, Add	*1,342.82*	
		For Class 56 Rating, Add	*1,780.86*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,136.58	700.44
		For Class 52 Rating, Deduct	*-668.28*	
		For Class 54 Rating, Add	*924.03*	
		For Class 55 Rating, Add	*1,380.26*	
		For Class 56 Rating, Add	*1,830.42*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,309.46	704.08
		For Class 52 Rating, Deduct	*-686.69*	
		For Class 54 Rating, Add	*949.20*	
		For Class 55 Rating, Add	*1,417.72*	
		For Class 56 Rating, Add	*1,879.99*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,482.34	707.74
		For Class 52 Rating, Deduct	*-705.10*	
		For Class 54 Rating, Add	*974.37*	
		For Class 55 Rating, Add	*1,455.17*	
		For Class 56 Rating, Add	*1,929.56*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,655.22	711.39
		For Class 52 Rating, Deduct	*-723.51*	
		For Class 54 Rating, Add	*999.54*	
		For Class 55 Rating, Add	*1,492.62*	
		For Class 56 Rating, Add	*1,979.12*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,828.09	715.03
		For Class 52 Rating, Deduct	*-741.92*	
		For Class 54 Rating, Add	*1,024.71*	
		For Class 55 Rating, Add	*1,530.07*	
		For Class 56 Rating, Add	*2,028.69*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,000.97	718.69
		For Class 52 Rating, Deduct	*-760.33*	
		For Class 54 Rating, Add	*1,049.88*	
		For Class 55 Rating, Add	*1,567.52*	
		For Class 56 Rating, Add	*2,078.26*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,173.84	722.33
		For Class 52 Rating, Deduct	*-778.73*	
		For Class 54 Rating, Add	*1,075.04*	
		For Class 55 Rating, Add	*1,604.97*	
		For Class 56 Rating, Add	*2,127.82*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,346.72	725.98
		For Class 52 Rating, Deduct	*-797.14*	
		For Class 54 Rating, Add	*1,100.21*	
		For Class 55 Rating, Add	*1,642.42*	
		For Class 56 Rating, Add	*2,177.39*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,519.59	729.62
		For Class 52 Rating, Deduct	*-815.55*	
		For Class 54 Rating, Add	*1,125.38*	
		For Class 55 Rating, Add	*1,679.88*	
		For Class 56 Rating, Add	*2,226.96*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,692.47	733.28
		For Class 52 Rating, Deduct	*-833.96*	
		For Class 54 Rating, Add	*1,150.55*	
		For Class 55 Rating, Add	*1,717.33*	
		For Class 56 Rating, Add	*2,276.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,865.35	736.92
		For Class 52 Rating, Deduct	*-852.37*	
		For Class 54 Rating, Add	*1,175.72*	
		For Class 55 Rating, Add	*1,754.78*	
		For Class 56 Rating, Add	*2,326.09*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,038.23	740.57
		For Class 52 Rating, Deduct	*-870.78*	
		For Class 54 Rating, Add	*1,200.89*	
		For Class 55 Rating, Add	*1,792.23*	
		For Class 56 Rating, Add	*2,375.66*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,211.10	744.21
		For Class 52 Rating, Deduct	*-889.19*	
		For Class 54 Rating, Add	*1,226.06*	
		For Class 55 Rating, Add	*1,829.68*	
		For Class 56 Rating, Add	*2,425.23*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,383.97	747.87
		For Class 52 Rating, Deduct	*-907.59*	
		For Class 54 Rating, Add	*1,251.22*	
		For Class 55 Rating, Add	*1,867.13*	
		For Class 56 Rating, Add	*2,474.79*	
40 05 19 00-0242		**16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,501.93	700.44
		For Class 52 Rating, Deduct	*-268.47*	
		For Class 54 Rating, Add	*378.83*	
		For Class 55 Rating, Add	*569.74*	
		For Class 56 Rating, Add	*758.20*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,703.01	704.08
		For Class 52 Rating, Deduct	*-289.98*	
		For Class 54 Rating, Add	*408.23*	
		For Class 55 Rating, Add	*613.48*	
		For Class 56 Rating, Add	*816.09*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,904.09	707.74
		For Class 52 Rating, Deduct	*-311.49*	
		For Class 54 Rating, Add	*437.63*	
		For Class 55 Rating, Add	*657.22*	
		For Class 56 Rating, Add	*873.97*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,105.18	711.39
		For Class 52 Rating, Deduct	*-333.01*	
		For Class 54 Rating, Add	*467.03*	
		For Class 55 Rating, Add	*700.96*	
		For Class 56 Rating, Add	*931.86*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,306.25	715.03
		For Class 52 Rating, Deduct	*-354.52*	
		For Class 54 Rating, Add	*496.43*	
		For Class 55 Rating, Add	*744.70*	
		For Class 56 Rating, Add	*989.75*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,507.33	718.69
		For Class 52 Rating, Deduct	*-376.03*	
		For Class 54 Rating, Add	*525.83*	
		For Class 55 Rating, Add	*788.44*	
		For Class 56 Rating, Add	*1,047.63*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,708.42	722.33
		For Class 52 Rating, Deduct	*-397.54*	
		For Class 54 Rating, Add	*555.23*	
		For Class 55 Rating, Add	*832.18*	
		For Class 56 Rating, Add	*1,105.52*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,909.50	725.98
		For Class 52 Rating, Deduct	*-419.05*	
		For Class 54 Rating, Add	*584.63*	
		For Class 55 Rating, Add	*875.92*	
		For Class 56 Rating, Add	*1,163.41*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,110.57	729.62
		For Class 52 Rating, Deduct	*-440.56*	
		For Class 54 Rating, Add	*614.03*	
		For Class 55 Rating, Add	*919.66*	
		For Class 56 Rating, Add	*1,221.30*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,311.65	733.28
		For Class 52 Rating, Deduct	*-462.07*	
		For Class 54 Rating, Add	*643.43*	
		For Class 55 Rating, Add	*963.40*	
		For Class 56 Rating, Add	*1,279.18*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,512.74	736.92
		For Class 52 Rating, Deduct	*-483.58*	
		For Class 54 Rating, Add	*672.83*	
		For Class 55 Rating, Add	*1,007.15*	
		For Class 56 Rating, Add	*1,337.07*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,713.82	740.57
		For Class 52 Rating, Deduct	*-505.09*	
		For Class 54 Rating, Add	*702.23*	
		For Class 55 Rating, Add	*1,050.89*	
		For Class 56 Rating, Add	*1,394.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,914.89	744.21
		For Class 52 Rating, Deduct	*-526.60*	
		For Class 54 Rating, Add	*731.62*	
		For Class 55 Rating, Add	*1,094.63*	
		For Class 56 Rating, Add	*1,452.84*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,115.98	747.87
		For Class 52 Rating, Deduct	*-548.11*	
		For Class 54 Rating, Add	*761.03*	
		For Class 55 Rating, Add	*1,138.37*	
		For Class 56 Rating, Add	*1,510.73*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,317.06	751.52
		For Class 52 Rating, Deduct	*-569.62*	
		For Class 54 Rating, Add	*790.42*	
		For Class 55 Rating, Add	*1,182.11*	
		For Class 56 Rating, Add	*1,568.62*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,518.14	755.16
		For Class 52 Rating, Deduct	*-591.13*	
		For Class 54 Rating, Add	*819.82*	
		For Class 55 Rating, Add	*1,225.85*	
		For Class 56 Rating, Add	*1,626.51*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,719.22	758.82
		For Class 52 Rating, Deduct	*-612.65*	
		For Class 54 Rating, Add	*849.22*	
		For Class 55 Rating, Add	*1,269.59*	
		For Class 56 Rating, Add	*1,684.40*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,920.30	762.46
		For Class 52 Rating, Deduct	*-634.16*	
		For Class 54 Rating, Add	*878.62*	
		For Class 55 Rating, Add	*1,313.33*	
		For Class 56 Rating, Add	*1,742.28*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,121.38	766.11
		For Class 52 Rating, Deduct	*-655.67*	
		For Class 54 Rating, Add	*908.02*	
		For Class 55 Rating, Add	*1,357.07*	
		For Class 56 Rating, Add	*1,800.17*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,322.47	769.75
		For Class 52 Rating, Deduct	*-677.18*	
		For Class 54 Rating, Add	*937.42*	
		For Class 55 Rating, Add	*1,400.82*	
		For Class 56 Rating, Add	*1,858.06*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,523.54	773.41
		For Class 52 Rating, Deduct	*-698.69*	
		For Class 54 Rating, Add	*966.82*	
		For Class 55 Rating, Add	*1,444.56*	
		For Class 56 Rating, Add	*1,915.94*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,724.62	777.05
		For Class 52 Rating, Deduct	*-720.20*	
		For Class 54 Rating, Add	*996.22*	
		For Class 55 Rating, Add	*1,488.30*	
		For Class 56 Rating, Add	*1,973.83*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,925.71	780.70
		For Class 52 Rating, Deduct	*-741.71*	
		For Class 54 Rating, Add	*1,025.62*	
		For Class 55 Rating, Add	*1,532.04*	
		For Class 56 Rating, Add	*2,031.72*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,126.79	784.34
		For Class 52 Rating, Deduct	*-763.22*	
		For Class 54 Rating, Add	*1,055.02*	
		For Class 55 Rating, Add	*1,575.78*	
		For Class 56 Rating, Add	*2,089.60*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,327.86	788.00
		For Class 52 Rating, Deduct	*-784.73*	
		For Class 54 Rating, Add	*1,084.42*	
		For Class 55 Rating, Add	*1,619.52*	
		For Class 56 Rating, Add	*2,147.49*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,528.96	791.64
		For Class 52 Rating, Deduct	*-806.24*	
		For Class 54 Rating, Add	*1,113.82*	
		For Class 55 Rating, Add	*1,663.26*	
		For Class 56 Rating, Add	*2,205.38*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,730.03	795.29
		For Class 52 Rating, Deduct	*-827.75*	
		For Class 54 Rating, Add	*1,143.22*	
		For Class 55 Rating, Add	*1,707.00*	
		For Class 56 Rating, Add	*2,263.27*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,931.11	798.95
		For Class 52 Rating, Deduct	*-849.26*	
		For Class 54 Rating, Add	*1,172.61*	
		For Class 55 Rating, Add	*1,750.74*	
		For Class 56 Rating, Add	*2,321.15*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,132.19	802.59
		For Class 52 Rating, Deduct	*-870.78*	
		For Class 54 Rating, Add	*1,202.01*	
		For Class 55 Rating, Add	*1,794.49*	
		For Class 56 Rating, Add	*2,379.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,333.28	806.24
		For Class 52 Rating, Deduct	*-892.29*	
		For Class 54 Rating, Add	*1,231.41*	
		For Class 55 Rating, Add	*1,838.23*	
		For Class 56 Rating, Add	*2,436.93*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,534.35	809.88
		For Class 52 Rating, Deduct	*-913.80*	
		For Class 54 Rating, Add	*1,260.81*	
		For Class 55 Rating, Add	*1,881.97*	
		For Class 56 Rating, Add	*2,494.81*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,735.44	813.54
		For Class 52 Rating, Deduct	*-935.31*	
		For Class 54 Rating, Add	*1,290.21*	
		For Class 55 Rating, Add	*1,925.71*	
		For Class 56 Rating, Add	*2,552.70*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,936.51	817.18
		For Class 52 Rating, Deduct	*-956.82*	
		For Class 54 Rating, Add	*1,319.61*	
		For Class 55 Rating, Add	*1,969.45*	
		For Class 56 Rating, Add	*2,610.59*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,137.60	820.83
		For Class 52 Rating, Deduct	*-978.33*	
		For Class 54 Rating, Add	*1,349.01*	
		For Class 55 Rating, Add	*2,013.19*	
		For Class 56 Rating, Add	*2,668.48*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,338.68	824.47
		For Class 52 Rating, Deduct	*-999.84*	
		For Class 54 Rating, Add	*1,378.41*	
		For Class 55 Rating, Add	*2,056.93*	
		For Class 56 Rating, Add	*2,726.37*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,539.76	828.13
		For Class 52 Rating, Deduct	*-1,021.35*	
		For Class 54 Rating, Add	*1,407.81*	
		For Class 55 Rating, Add	*2,100.67*	
		For Class 56 Rating, Add	*2,784.25*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,740.83	831.77
		For Class 52 Rating, Deduct	*-1,042.86*	
		For Class 54 Rating, Add	*1,437.21*	
		For Class 55 Rating, Add	*2,144.41*	
		For Class 56 Rating, Add	*2,842.14*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,941.93	835.42
		For Class 52 Rating, Deduct	*-1,064.37*	
		For Class 54 Rating, Add	*1,466.61*	
		For Class 55 Rating, Add	*2,188.16*	
		For Class 56 Rating, Add	*2,900.03*	
40 05 19 00-0281		18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.03	789.46
		For Class 52 Rating, Deduct	*-316.46*	
		For Class 54 Rating, Add	*445.89*	
		For Class 55 Rating, Add	*670.25*	
		For Class 56 Rating, Add	*891.74*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,304.21	793.10
		For Class 52 Rating, Deduct	*-341.28*	
		For Class 54 Rating, Add	*479.80*	
		For Class 55 Rating, Add	*720.70*	
		For Class 56 Rating, Add	*958.51*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,535.37	796.75
		For Class 52 Rating, Deduct	*-366.10*	
		For Class 54 Rating, Add	*513.71*	
		For Class 55 Rating, Add	*771.15*	
		For Class 56 Rating, Add	*1,025.27*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,766.53	800.40
		For Class 52 Rating, Deduct	*-390.92*	
		For Class 54 Rating, Add	*547.62*	
		For Class 55 Rating, Add	*821.60*	
		For Class 56 Rating, Add	*1,092.03*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,997.69	804.05
		For Class 52 Rating, Deduct	*-415.74*	
		For Class 54 Rating, Add	*581.54*	
		For Class 55 Rating, Add	*872.05*	
		For Class 56 Rating, Add	*1,158.79*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,228.87	807.69
		For Class 52 Rating, Deduct	*-440.56*	
		For Class 54 Rating, Add	*615.45*	
		For Class 55 Rating, Add	*922.50*	
		For Class 56 Rating, Add	*1,225.56*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,460.03	811.34
		For Class 52 Rating, Deduct	*-465.38*	
		For Class 54 Rating, Add	*649.36*	
		For Class 55 Rating, Add	*972.95*	
		For Class 56 Rating, Add	*1,292.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,691.20	815.00
		For Class 52 Rating, Deduct	*-490.20*	
		For Class 54 Rating, Add	*683.27*	
		For Class 55 Rating, Add	*1,023.40*	
		For Class 56 Rating, Add	*1,359.08*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,922.36	818.64
		For Class 52 Rating, Deduct	*-515.02*	
		For Class 54 Rating, Add	*717.18*	
		For Class 55 Rating, Add	*1,073.85*	
		For Class 56 Rating, Add	*1,425.84*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,153.54	822.29
		For Class 52 Rating, Deduct	*-539.84*	
		For Class 54 Rating, Add	*751.10*	
		For Class 55 Rating, Add	*1,124.31*	
		For Class 56 Rating, Add	*1,492.61*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,384.69	825.94
		For Class 52 Rating, Deduct	*-564.66*	
		For Class 54 Rating, Add	*785.01*	
		For Class 55 Rating, Add	*1,174.75*	
		For Class 56 Rating, Add	*1,559.37*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,615.86	829.59
		For Class 52 Rating, Deduct	*-589.48*	
		For Class 54 Rating, Add	*818.92*	
		For Class 55 Rating, Add	*1,225.20*	
		For Class 56 Rating, Add	*1,626.13*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,847.02	833.23
		For Class 52 Rating, Deduct	*-614.30*	
		For Class 54 Rating, Add	*852.83*	
		For Class 55 Rating, Add	*1,275.65*	
		For Class 56 Rating, Add	*1,692.89*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,078.20	836.88
		For Class 52 Rating, Deduct	*-639.12*	
		For Class 54 Rating, Add	*886.74*	
		For Class 55 Rating, Add	*1,326.10*	
		For Class 56 Rating, Add	*1,759.65*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,309.36	840.53
		For Class 52 Rating, Deduct	*-663.94*	
		For Class 54 Rating, Add	*920.66*	
		For Class 55 Rating, Add	*1,376.55*	
		For Class 56 Rating, Add	*1,826.42*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,540.52	844.18
		For Class 52 Rating, Deduct	*-688.76*	
		For Class 54 Rating, Add	*954.57*	
		For Class 55 Rating, Add	*1,427.01*	
		For Class 56 Rating, Add	*1,893.18*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,771.69	847.82
		For Class 52 Rating, Deduct	*-713.58*	
		For Class 54 Rating, Add	*988.48*	
		For Class 55 Rating, Add	*1,477.45*	
		For Class 56 Rating, Add	*1,959.94*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,002.85	851.47
		For Class 52 Rating, Deduct	*-738.40*	
		For Class 54 Rating, Add	*1,022.39*	
		For Class 55 Rating, Add	*1,527.90*	
		For Class 56 Rating, Add	*2,026.70*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,234.02	855.12
		For Class 52 Rating, Deduct	*-763.22*	
		For Class 54 Rating, Add	*1,056.30*	
		For Class 55 Rating, Add	*1,578.35*	
		For Class 56 Rating, Add	*2,093.47*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,465.18	858.77
		For Class 52 Rating, Deduct	*-788.04*	
		For Class 54 Rating, Add	*1,090.22*	
		For Class 55 Rating, Add	*1,628.80*	
		For Class 56 Rating, Add	*2,160.23*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,696.36	862.42
		For Class 52 Rating, Deduct	*-812.86*	
		For Class 54 Rating, Add	*1,124.13*	
		For Class 55 Rating, Add	*1,679.25*	
		For Class 56 Rating, Add	*2,226.99*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,927.52	866.07
		For Class 52 Rating, Deduct	*-837.68*	
		For Class 54 Rating, Add	*1,158.04*	
		For Class 55 Rating, Add	*1,729.71*	
		For Class 56 Rating, Add	*2,293.75*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,158.68	869.72
		For Class 52 Rating, Deduct	*-862.50*	
		For Class 54 Rating, Add	*1,191.95*	
		For Class 55 Rating, Add	*1,780.15*	
		For Class 56 Rating, Add	*2,360.51*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,389.84	873.36
		For Class 52 Rating, Deduct	*-887.32*	
		For Class 54 Rating, Add	*1,225.86*	
		For Class 55 Rating, Add	*1,830.60*	
		For Class 56 Rating, Add	*2,427.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,621.02	877.01
		For Class 52 Rating, Deduct	*-912.14*	
		For Class 54 Rating, Add	*1,259.78*	
		For Class 55 Rating, Add	*1,881.05*	
		For Class 56 Rating, Add	*2,494.04*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,852.18	880.66
		For Class 52 Rating, Deduct	*-936.96*	
		For Class 54 Rating, Add	*1,293.69*	
		For Class 55 Rating, Add	*1,931.50*	
		For Class 56 Rating, Add	*2,560.80*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,083.35	884.31
		For Class 52 Rating, Deduct	*-961.78*	
		For Class 54 Rating, Add	*1,327.60*	
		For Class 55 Rating, Add	*1,981.95*	
		For Class 56 Rating, Add	*2,627.56*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,314.51	887.95
		For Class 52 Rating, Deduct	*-986.60*	
		For Class 54 Rating, Add	*1,361.51*	
		For Class 55 Rating, Add	*2,032.41*	
		For Class 56 Rating, Add	*2,694.33*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,545.68	891.60
		For Class 52 Rating, Deduct	*-1,011.42*	
		For Class 54 Rating, Add	*1,395.43*	
		For Class 55 Rating, Add	*2,082.85*	
		For Class 56 Rating, Add	*2,761.09*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,776.84	895.25
		For Class 52 Rating, Deduct	*-1,036.24*	
		For Class 54 Rating, Add	*1,429.34*	
		For Class 55 Rating, Add	*2,133.30*	
		For Class 56 Rating, Add	*2,827.85*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,008.01	898.90
		For Class 52 Rating, Deduct	*-1,061.06*	
		For Class 54 Rating, Add	*1,463.25*	
		For Class 55 Rating, Add	*2,183.75*	
		For Class 56 Rating, Add	*2,894.61*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,239.17	902.55
		For Class 52 Rating, Deduct	*-1,085.88*	
		For Class 54 Rating, Add	*1,497.16*	
		For Class 55 Rating, Add	*2,234.20*	
		For Class 56 Rating, Add	*2,961.38*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,470.35	906.20
		For Class 52 Rating, Deduct	*-1,110.71*	
		For Class 54 Rating, Add	*1,531.07*	
		For Class 55 Rating, Add	*2,284.66*	
		For Class 56 Rating, Add	*3,028.14*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,701.51	909.85
		For Class 52 Rating, Deduct	*-1,135.53*	
		For Class 54 Rating, Add	*1,564.99*	
		For Class 55 Rating, Add	*2,335.11*	
		For Class 56 Rating, Add	*3,094.90*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,932.68	913.49
		For Class 52 Rating, Deduct	*-1,160.35*	
		For Class 54 Rating, Add	*1,598.90*	
		For Class 55 Rating, Add	*2,385.56*	
		For Class 56 Rating, Add	*3,161.66*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,163.83	917.14
		For Class 52 Rating, Deduct	*-1,185.17*	
		For Class 54 Rating, Add	*1,632.81*	
		For Class 55 Rating, Add	*2,436.00*	
		For Class 56 Rating, Add	*3,228.42*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,395.01	920.79
		For Class 52 Rating, Deduct	*-1,209.99*	
		For Class 54 Rating, Add	*1,666.72*	
		For Class 55 Rating, Add	*2,486.45*	
		For Class 56 Rating, Add	*3,295.19*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,626.17	924.44
		For Class 52 Rating, Deduct	*-1,234.81*	
		For Class 54 Rating, Add	*1,700.63*	
		For Class 55 Rating, Add	*2,536.90*	
		For Class 56 Rating, Add	*3,361.95*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,766.78	901.09
		For Class 52 Rating, Deduct	*-374.17*	
		For Class 54 Rating, Add	*526.61*	
		For Class 55 Rating, Add	*791.30*	
		For Class 56 Rating, Add	*1,052.59*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,031.80	904.73
		For Class 52 Rating, Deduct	*-402.71*	
		For Class 54 Rating, Add	*565.60*	
		For Class 55 Rating, Add	*849.30*	
		For Class 56 Rating, Add	*1,129.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,296.81	908.39
		For Class 52 Rating, Deduct	*-431.25*	
		For Class 54 Rating, Add	*604.59*	
		For Class 55 Rating, Add	*907.30*	
		For Class 56 Rating, Add	*1,206.09*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,561.82	912.03
		For Class 52 Rating, Deduct	*-459.79*	
		For Class 54 Rating, Add	*643.57*	
		For Class 55 Rating, Add	*965.29*	
		For Class 56 Rating, Add	*1,282.83*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,826.83	915.68
		For Class 52 Rating, Deduct	*-488.34*	
		For Class 54 Rating, Add	*682.56*	
		For Class 55 Rating, Add	*1,023.29*	
		For Class 56 Rating, Add	*1,359.58*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,091.85	919.33
		For Class 52 Rating, Deduct	*-516.88*	
		For Class 54 Rating, Add	*721.55*	
		For Class 55 Rating, Add	*1,081.29*	
		For Class 56 Rating, Add	*1,436.33*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,356.85	922.98
		For Class 52 Rating, Deduct	*-545.42*	
		For Class 54 Rating, Add	*760.54*	
		For Class 55 Rating, Add	*1,139.29*	
		For Class 56 Rating, Add	*1,513.07*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,621.87	926.63
		For Class 52 Rating, Deduct	*-573.97*	
		For Class 54 Rating, Add	*799.53*	
		For Class 55 Rating, Add	*1,197.28*	
		For Class 56 Rating, Add	*1,589.82*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,886.87	930.27
		For Class 52 Rating, Deduct	*-602.51*	
		For Class 54 Rating, Add	*838.52*	
		For Class 55 Rating, Add	*1,255.28*	
		For Class 56 Rating, Add	*1,666.57*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,151.90	933.93
		For Class 52 Rating, Deduct	*-631.05*	
		For Class 54 Rating, Add	*877.51*	
		For Class 55 Rating, Add	*1,313.28*	
		For Class 56 Rating, Add	*1,743.32*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,416.90	937.57
		For Class 52 Rating, Deduct	*-659.60*	
		For Class 54 Rating, Add	*916.50*	
		For Class 55 Rating, Add	*1,371.28*	
		For Class 56 Rating, Add	*1,820.06*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,681.91	941.22
		For Class 52 Rating, Deduct	*-688.14*	
		For Class 54 Rating, Add	*955.49*	
		For Class 55 Rating, Add	*1,429.27*	
		For Class 56 Rating, Add	*1,896.81*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,946.92	944.86
		For Class 52 Rating, Deduct	*-716.68*	
		For Class 54 Rating, Add	*994.48*	
		For Class 55 Rating, Add	*1,487.27*	
		For Class 56 Rating, Add	*1,973.55*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,211.94	948.52
		For Class 52 Rating, Deduct	*-745.23*	
		For Class 54 Rating, Add	*1,033.46*	
		For Class 55 Rating, Add	*1,545.27*	
		For Class 56 Rating, Add	*2,050.30*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,476.95	952.16
		For Class 52 Rating, Deduct	*-773.77*	
		For Class 54 Rating, Add	*1,072.45*	
		For Class 55 Rating, Add	*1,603.27*	
		For Class 56 Rating, Add	*2,127.05*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,741.96	955.81
		For Class 52 Rating, Deduct	*-802.31*	
		For Class 54 Rating, Add	*1,111.44*	
		For Class 55 Rating, Add	*1,661.27*	
		For Class 56 Rating, Add	*2,203.79*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,006.97	959.46
		For Class 52 Rating, Deduct	*-830.86*	
		For Class 54 Rating, Add	*1,150.43*	
		For Class 55 Rating, Add	*1,719.26*	
		For Class 56 Rating, Add	*2,280.54*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,271.99	963.11
		For Class 52 Rating, Deduct	*-859.40*	
		For Class 54 Rating, Add	*1,189.42*	
		For Class 55 Rating, Add	*1,777.26*	
		For Class 56 Rating, Add	*2,357.29*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,536.99	966.75
		For Class 52 Rating, Deduct	*-887.94*	
		For Class 54 Rating, Add	*1,228.41*	
		For Class 55 Rating, Add	*1,835.26*	
		For Class 56 Rating, Add	*2,434.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,802.01	970.40
		For Class 52 Rating, Deduct	*-916.49*	
		For Class 54 Rating, Add	*1,267.40*	
		For Class 55 Rating, Add	*1,893.26*	
		For Class 56 Rating, Add	*2,510.78*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,067.02	974.06
		For Class 52 Rating, Deduct	*-945.03*	
		For Class 54 Rating, Add	*1,306.39*	
		For Class 55 Rating, Add	*1,951.25*	
		For Class 56 Rating, Add	*2,587.53*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,332.03	977.70
		For Class 52 Rating, Deduct	*-973.57*	
		For Class 54 Rating, Add	*1,345.38*	
		For Class 55 Rating, Add	*2,009.25*	
		For Class 56 Rating, Add	*2,664.28*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,597.04	981.35
		For Class 52 Rating, Deduct	*-1,002.12*	
		For Class 54 Rating, Add	*1,384.37*	
		For Class 55 Rating, Add	*2,067.25*	
		For Class 56 Rating, Add	*2,741.02*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,862.04	984.99
		For Class 52 Rating, Deduct	*-1,030.66*	
		For Class 54 Rating, Add	*1,423.35*	
		For Class 55 Rating, Add	*2,125.25*	
		For Class 56 Rating, Add	*2,817.77*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,127.07	988.65
		For Class 52 Rating, Deduct	*-1,059.20*	
		For Class 54 Rating, Add	*1,462.34*	
		For Class 55 Rating, Add	*2,183.24*	
		For Class 56 Rating, Add	*2,894.52*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,392.07	992.29
		For Class 52 Rating, Deduct	*-1,087.75*	
		For Class 54 Rating, Add	*1,501.33*	
		For Class 55 Rating, Add	*2,241.24*	
		For Class 56 Rating, Add	*2,971.26*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,657.09	995.94
		For Class 52 Rating, Deduct	*-1,116.29*	
		For Class 54 Rating, Add	*1,540.32*	
		For Class 55 Rating, Add	*2,299.24*	
		For Class 56 Rating, Add	*3,048.01*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,922.09	999.58
		For Class 52 Rating, Deduct	*-1,144.83*	
		For Class 54 Rating, Add	*1,579.31*	
		For Class 55 Rating, Add	*2,357.24*	
		For Class 56 Rating, Add	*3,124.76*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,187.12	1,003.24
		For Class 52 Rating, Deduct	*-1,173.38*	
		For Class 54 Rating, Add	*1,618.30*	
		For Class 55 Rating, Add	*2,415.24*	
		For Class 56 Rating, Add	*3,201.50*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,452.12	1,006.88
		For Class 52 Rating, Deduct	*-1,201.92*	
		For Class 54 Rating, Add	*1,657.29*	
		For Class 55 Rating, Add	*2,473.23*	
		For Class 56 Rating, Add	*3,278.25*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,717.13	1,010.53
		For Class 52 Rating, Deduct	*-1,230.46*	
		For Class 54 Rating, Add	*1,696.28*	
		For Class 55 Rating, Add	*2,531.23*	
		For Class 56 Rating, Add	*3,355.00*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,982.14	1,014.18
		For Class 52 Rating, Deduct	*-1,259.01*	
		For Class 54 Rating, Add	*1,735.27*	
		For Class 55 Rating, Add	*2,589.23*	
		For Class 56 Rating, Add	*3,431.74*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,247.16	1,017.83
		For Class 52 Rating, Deduct	*-1,287.55*	
		For Class 54 Rating, Add	*1,774.25*	
		For Class 55 Rating, Add	*2,647.22*	
		For Class 56 Rating, Add	*3,508.49*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,512.17	1,021.48
		For Class 52 Rating, Deduct	*-1,316.09*	
		For Class 54 Rating, Add	*1,813.24*	
		For Class 55 Rating, Add	*2,705.22*	
		For Class 56 Rating, Add	*3,585.24*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,777.18	1,025.12
		For Class 52 Rating, Deduct	*-1,344.64*	
		For Class 54 Rating, Add	*1,852.23*	
		For Class 55 Rating, Add	*2,763.22*	
		For Class 56 Rating, Add	*3,661.98*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,042.18	1,028.78
		For Class 52 Rating, Deduct	*-1,373.18*	
		For Class 54 Rating, Add	*1,891.22*	
		For Class 55 Rating, Add	*2,821.22*	
		For Class 56 Rating, Add	*3,738.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,307.21	1,032.42
		For Class 52 Rating, Deduct	*-1,401.72*	
		For Class 54 Rating, Add	*1,930.21*	
		For Class 55 Rating, Add	*2,879.22*	
		For Class 56 Rating, Add	*3,815.48*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,572.21	1,036.07
		For Class 52 Rating, Deduct	*-1,430.27*	
		For Class 54 Rating, Add	*1,969.20*	
		For Class 55 Rating, Add	*2,937.21*	
		For Class 56 Rating, Add	*3,892.22*	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,859.78	1,065.25
		For Class 52 Rating, Deduct	*-467.03*	
		For Class 54 Rating, Add	*656.23*	
		For Class 55 Rating, Add	*985.54*	
		For Class 56 Rating, Add	*1,310.60*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,186.85	1,068.91
		For Class 52 Rating, Deduct	*-502.40*	
		For Class 54 Rating, Add	*704.53*	
		For Class 55 Rating, Add	*1,057.38*	
		For Class 56 Rating, Add	*1,405.66*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,513.91	1,072.55
		For Class 52 Rating, Deduct	*-537.77*	
		For Class 54 Rating, Add	*752.83*	
		For Class 55 Rating, Add	*1,129.21*	
		For Class 56 Rating, Add	*1,500.71*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,840.98	1,076.20
		For Class 52 Rating, Deduct	*-573.14*	
		For Class 54 Rating, Add	*801.12*	
		For Class 55 Rating, Add	*1,201.05*	
		For Class 56 Rating, Add	*1,595.76*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,168.03	1,079.84
		For Class 52 Rating, Deduct	*-608.51*	
		For Class 54 Rating, Add	*849.42*	
		For Class 55 Rating, Add	*1,272.88*	
		For Class 56 Rating, Add	*1,690.81*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,495.10	1,083.50
		For Class 52 Rating, Deduct	*-643.88*	
		For Class 54 Rating, Add	*897.72*	
		For Class 55 Rating, Add	*1,344.72*	
		For Class 56 Rating, Add	*1,785.86*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,822.16	1,087.14
		For Class 52 Rating, Deduct	*-679.25*	
		For Class 54 Rating, Add	*946.01*	
		For Class 55 Rating, Add	*1,416.55*	
		For Class 56 Rating, Add	*1,880.91*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,149.23	1,090.79
		For Class 52 Rating, Deduct	*-714.62*	
		For Class 54 Rating, Add	*994.31*	
		For Class 55 Rating, Add	*1,488.39*	
		For Class 56 Rating, Add	*1,975.97*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,476.28	1,094.44
		For Class 52 Rating, Deduct	*-749.98*	
		For Class 54 Rating, Add	*1,042.60*	
		For Class 55 Rating, Add	*1,560.22*	
		For Class 56 Rating, Add	*2,071.02*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,803.35	1,098.09
		For Class 52 Rating, Deduct	*-785.35*	
		For Class 54 Rating, Add	*1,090.90*	
		For Class 55 Rating, Add	*1,632.06*	
		For Class 56 Rating, Add	*2,166.07*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,130.41	1,101.74
		For Class 52 Rating, Deduct	*-820.72*	
		For Class 54 Rating, Add	*1,139.20*	
		For Class 55 Rating, Add	*1,703.89*	
		For Class 56 Rating, Add	*2,261.12*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,457.47	1,105.38
		For Class 52 Rating, Deduct	*-856.09*	
		For Class 54 Rating, Add	*1,187.49*	
		For Class 55 Rating, Add	*1,775.72*	
		For Class 56 Rating, Add	*2,356.17*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,784.53	1,109.04
		For Class 52 Rating, Deduct	*-891.46*	
		For Class 54 Rating, Add	*1,235.79*	
		For Class 55 Rating, Add	*1,847.56*	
		For Class 56 Rating, Add	*2,451.23*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,111.59	1,112.68
		For Class 52 Rating, Deduct	*-926.83*	
		For Class 54 Rating, Add	*1,284.09*	
		For Class 55 Rating, Add	*1,919.39*	
		For Class 56 Rating, Add	*2,546.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,438.66	1,116.33
		For Class 52 Rating, Deduct	*-962.20*	
		For Class 54 Rating, Add	*1,332.38*	
		For Class 55 Rating, Add	*1,991.23*	
		For Class 56 Rating, Add	*2,641.33*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,765.71	1,119.97
		For Class 52 Rating, Deduct	*-997.57*	
		For Class 54 Rating, Add	*1,380.68*	
		For Class 55 Rating, Add	*2,063.06*	
		For Class 56 Rating, Add	*2,736.38*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,092.78	1,123.63
		For Class 52 Rating, Deduct	*-1,032.94*	
		For Class 54 Rating, Add	*1,428.98*	
		For Class 55 Rating, Add	*2,134.90*	
		For Class 56 Rating, Add	*2,831.43*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,419.83	1,127.27
		For Class 52 Rating, Deduct	*-1,068.30*	
		For Class 54 Rating, Add	*1,477.27*	
		For Class 55 Rating, Add	*2,206.73*	
		For Class 56 Rating, Add	*2,926.48*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,746.91	1,130.92
		For Class 52 Rating, Deduct	*-1,103.67*	
		For Class 54 Rating, Add	*1,525.57*	
		For Class 55 Rating, Add	*2,278.57*	
		For Class 56 Rating, Add	*3,021.54*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,073.96	1,134.57
		For Class 52 Rating, Deduct	*-1,139.04*	
		For Class 54 Rating, Add	*1,573.87*	
		For Class 55 Rating, Add	*2,350.40*	
		For Class 56 Rating, Add	*3,116.59*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,401.03	1,138.22
		For Class 52 Rating, Deduct	*-1,174.41*	
		For Class 54 Rating, Add	*1,622.16*	
		For Class 55 Rating, Add	*2,422.24*	
		For Class 56 Rating, Add	*3,211.64*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,728.09	1,141.86
		For Class 52 Rating, Deduct	*-1,209.78*	
		For Class 54 Rating, Add	*1,670.46*	
		For Class 55 Rating, Add	*2,494.07*	
		For Class 56 Rating, Add	*3,306.69*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,055.16	1,145.51
		For Class 52 Rating, Deduct	*-1,245.15*	
		For Class 54 Rating, Add	*1,718.76*	
		For Class 55 Rating, Add	*2,565.91*	
		For Class 56 Rating, Add	*3,401.74*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,382.21	1,149.17
		For Class 52 Rating, Deduct	*-1,280.52*	
		For Class 54 Rating, Add	*1,767.05*	
		For Class 55 Rating, Add	*2,637.74*	
		For Class 56 Rating, Add	*3,496.79*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,709.28	1,152.81
		For Class 52 Rating, Deduct	*-1,315.89*	
		For Class 54 Rating, Add	*1,815.35*	
		For Class 55 Rating, Add	*2,709.58*	
		For Class 56 Rating, Add	*3,591.85*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,036.34	1,156.46
		For Class 52 Rating, Deduct	*-1,351.25*	
		For Class 54 Rating, Add	*1,863.65*	
		For Class 55 Rating, Add	*2,781.41*	
		For Class 56 Rating, Add	*3,686.90*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,363.41	1,160.10
		For Class 52 Rating, Deduct	*-1,386.62*	
		For Class 54 Rating, Add	*1,911.94*	
		For Class 55 Rating, Add	*2,853.25*	
		For Class 56 Rating, Add	*3,781.95*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,690.46	1,163.76
		For Class 52 Rating, Deduct	*-1,421.99*	
		For Class 54 Rating, Add	*1,960.24*	
		For Class 55 Rating, Add	*2,925.08*	
		For Class 56 Rating, Add	*3,877.00*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,017.52	1,167.40
		For Class 52 Rating, Deduct	*-1,457.36*	
		For Class 54 Rating, Add	*2,008.53*	
		For Class 55 Rating, Add	*2,996.92*	
		For Class 56 Rating, Add	*3,972.05*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,438.56	1,233.07
		For Class 52 Rating, Deduct	*-1,492.73*	
		For Class 54 Rating, Add	*2,057.96*	
		For Class 55 Rating, Add	*3,071.01*	
		For Class 56 Rating, Add	*4,070.49*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,765.61	1,236.72
		For Class 52 Rating, Deduct	*-1,528.10*	
		For Class 54 Rating, Add	*2,106.26*	
		For Class 55 Rating, Add	*3,142.84*	
		For Class 56 Rating, Add	*4,165.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,092.69	1,240.36
		For Class 52 Rating, Deduct	*-1,563.47*	
		For Class 54 Rating, Add	*2,154.55*	
		For Class 55 Rating, Add	*3,214.68*	
		For Class 56 Rating, Add	*4,260.59*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,419.74	1,244.02
		For Class 52 Rating, Deduct	*-1,598.84*	
		For Class 54 Rating, Add	*2,202.85*	
		For Class 55 Rating, Add	*3,286.51*	
		For Class 56 Rating, Add	*4,355.64*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,746.81	1,247.66
		For Class 52 Rating, Deduct	*-1,634.21*	
		For Class 54 Rating, Add	*2,251.15*	
		For Class 55 Rating, Add	*3,358.35*	
		For Class 56 Rating, Add	*4,450.70*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,073.86	1,251.31
		For Class 52 Rating, Deduct	*-1,669.57*	
		For Class 54 Rating, Add	*2,299.44*	
		For Class 55 Rating, Add	*3,430.18*	
		For Class 56 Rating, Add	*4,545.75*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,400.94	1,254.96
		For Class 52 Rating, Deduct	*-1,704.94*	
		For Class 54 Rating, Add	*2,347.74*	
		For Class 55 Rating, Add	*3,502.02*	
		For Class 56 Rating, Add	*4,640.80*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,727.99	1,258.61
		For Class 52 Rating, Deduct	*-1,740.31*	
		For Class 54 Rating, Add	*2,396.04*	
		For Class 55 Rating, Add	*3,573.85*	
		For Class 56 Rating, Add	*4,735.85*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,055.05	1,262.25
		For Class 52 Rating, Deduct	*-1,775.68*	
		For Class 54 Rating, Add	*2,444.33*	
		For Class 55 Rating, Add	*3,645.69*	
		For Class 56 Rating, Add	*4,830.90*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,027.67	1,503.03
		For Class 52 Rating, Deduct	*-742.54*	
		For Class 54 Rating, Add	*1,039.88*	
		For Class 55 Rating, Add	*1,559.98*	
		For Class 56 Rating, Add	*2,073.34*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,497.64	1,506.68
		For Class 52 Rating, Deduct	*-793.63*	
		For Class 54 Rating, Add	*1,109.61*	
		For Class 55 Rating, Add	*1,663.69*	
		For Class 56 Rating, Add	*2,210.55*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,967.61	1,510.33
		For Class 52 Rating, Deduct	*-844.72*	
		For Class 54 Rating, Add	*1,179.35*	
		For Class 55 Rating, Add	*1,767.39*	
		For Class 56 Rating, Add	*2,347.75*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,437.57	1,513.98
		For Class 52 Rating, Deduct	*-895.80*	
		For Class 54 Rating, Add	*1,249.08*	
		For Class 55 Rating, Add	*1,871.09*	
		For Class 56 Rating, Add	*2,484.96*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,907.53	1,517.62
		For Class 52 Rating, Deduct	*-946.89*	
		For Class 54 Rating, Add	*1,318.81*	
		For Class 55 Rating, Add	*1,974.79*	
		For Class 56 Rating, Add	*2,622.17*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,377.50	1,521.27
		For Class 52 Rating, Deduct	*-997.98*	
		For Class 54 Rating, Add	*1,388.54*	
		For Class 55 Rating, Add	*2,078.50*	
		For Class 56 Rating, Add	*2,759.38*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,847.47	1,524.92
		For Class 52 Rating, Deduct	*-1,049.07*	
		For Class 54 Rating, Add	*1,458.27*	
		For Class 55 Rating, Add	*2,182.20*	
		For Class 56 Rating, Add	*2,896.59*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,317.43	1,528.57
		For Class 52 Rating, Deduct	*-1,100.16*	
		For Class 54 Rating, Add	*1,528.01*	
		For Class 55 Rating, Add	*2,285.90*	
		For Class 56 Rating, Add	*3,033.80*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,787.40	1,532.21
		For Class 52 Rating, Deduct	*-1,151.24*	
		For Class 54 Rating, Add	*1,597.74*	
		For Class 55 Rating, Add	*2,389.60*	
		For Class 56 Rating, Add	*3,171.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,257.37	1,535.86
		For Class 52 Rating, Deduct	*-1,202.33*	
		For Class 54 Rating, Add	*1,667.47*	
		For Class 55 Rating, Add	*2,493.31*	
		For Class 56 Rating, Add	*3,308.21*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,727.33	1,539.51
		For Class 52 Rating, Deduct	*-1,253.42*	
		For Class 54 Rating, Add	*1,737.20*	
		For Class 55 Rating, Add	*2,597.01*	
		For Class 56 Rating, Add	*3,445.42*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,197.30	1,543.16
		For Class 52 Rating, Deduct	*-1,304.51*	
		For Class 54 Rating, Add	*1,806.93*	
		For Class 55 Rating, Add	*2,700.71*	
		For Class 56 Rating, Add	*3,582.63*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,667.26	1,546.81
		For Class 52 Rating, Deduct	*-1,355.60*	
		For Class 54 Rating, Add	*1,876.67*	
		For Class 55 Rating, Add	*2,804.41*	
		For Class 56 Rating, Add	*3,719.84*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,137.24	1,550.46
		For Class 52 Rating, Deduct	*-1,406.69*	
		For Class 54 Rating, Add	*1,946.40*	
		For Class 55 Rating, Add	*2,908.12*	
		For Class 56 Rating, Add	*3,857.05*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,607.20	1,554.11
		For Class 52 Rating, Deduct	*-1,457.78*	
		For Class 54 Rating, Add	*2,016.13*	
		For Class 55 Rating, Add	*3,011.82*	
		For Class 56 Rating, Add	*3,994.26*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,077.16	1,557.75
		For Class 52 Rating, Deduct	*-1,508.86*	
		For Class 54 Rating, Add	*2,085.86*	
		For Class 55 Rating, Add	*3,115.52*	
		For Class 56 Rating, Add	*4,131.46*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,547.12	1,561.40
		For Class 52 Rating, Deduct	*-1,559.95*	
		For Class 54 Rating, Add	*2,155.59*	
		For Class 55 Rating, Add	*3,219.22*	
		For Class 56 Rating, Add	*4,268.67*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,017.10	1,565.05
		For Class 52 Rating, Deduct	*-1,611.04*	
		For Class 54 Rating, Add	*2,225.33*	
		For Class 55 Rating, Add	*3,322.93*	
		For Class 56 Rating, Add	*4,405.88*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,487.06	1,568.70
		For Class 52 Rating, Deduct	*-1,662.13*	
		For Class 54 Rating, Add	*2,295.06*	
		For Class 55 Rating, Add	*3,426.63*	
		For Class 56 Rating, Add	*4,543.09*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,957.03	1,572.34
		For Class 52 Rating, Deduct	*-1,713.22*	
		For Class 54 Rating, Add	*2,364.79*	
		For Class 55 Rating, Add	*3,530.33*	
		For Class 56 Rating, Add	*4,680.30*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,426.99	1,575.99
		For Class 52 Rating, Deduct	*-1,764.30*	
		For Class 54 Rating, Add	*2,434.52*	
		For Class 55 Rating, Add	*3,634.03*	
		For Class 56 Rating, Add	*4,817.51*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,896.97	1,579.64
		For Class 52 Rating, Deduct	*-1,815.39*	
		For Class 54 Rating, Add	*2,504.26*	
		For Class 55 Rating, Add	*3,737.74*	
		For Class 56 Rating, Add	*4,954.72*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,366.93	1,583.29
		For Class 52 Rating, Deduct	*-1,866.48*	
		For Class 54 Rating, Add	*2,573.99*	
		For Class 55 Rating, Add	*3,841.44*	
		For Class 56 Rating, Add	*5,091.92*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,836.90	1,586.94
		For Class 52 Rating, Deduct	*-1,917.57*	
		For Class 54 Rating, Add	*2,643.72*	
		For Class 55 Rating, Add	*3,945.14*	
		For Class 56 Rating, Add	*5,229.13*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,304.99	1,590.59
		For Class 52 Rating, Deduct	*-1,968.45*	
		For Class 54 Rating, Add	*2,713.17*	
		For Class 55 Rating, Add	*4,048.43*	
		For Class 56 Rating, Add	*5,365.79*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,776.83	1,594.24
		For Class 52 Rating, Deduct	*-2,019.75*	
		For Class 54 Rating, Add	*2,783.18*	
		For Class 55 Rating, Add	*4,152.55*	
		For Class 56 Rating, Add	*5,503.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,246.79	1,597.88
		For Class 52 Rating, Deduct	*-2,070.83*	
		For Class 54 Rating, Add	*2,852.92*	
		For Class 55 Rating, Add	*4,256.25*	
		For Class 56 Rating, Add	*5,640.76*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,716.76	1,601.53
		For Class 52 Rating, Deduct	*-2,121.92*	
		For Class 54 Rating, Add	*2,922.65*	
		For Class 55 Rating, Add	*4,359.95*	
		For Class 56 Rating, Add	*5,777.97*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,186.73	1,605.18
		For Class 52 Rating, Deduct	*-2,173.01*	
		For Class 54 Rating, Add	*2,992.38*	
		For Class 55 Rating, Add	*4,463.65*	
		For Class 56 Rating, Add	*5,915.17*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,656.70	1,608.83
		For Class 52 Rating, Deduct	*-2,224.10*	
		For Class 54 Rating, Add	*3,062.11*	
		For Class 55 Rating, Add	*4,567.36*	
		For Class 56 Rating, Add	*6,052.38*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,126.66	1,612.47
		For Class 52 Rating, Deduct	*-2,275.19*	
		For Class 54 Rating, Add	*3,131.85*	
		For Class 55 Rating, Add	*4,671.06*	
		For Class 56 Rating, Add	*6,189.59*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,596.63	1,616.12
		For Class 52 Rating, Deduct	*-2,326.28*	
		For Class 54 Rating, Add	*3,201.58*	
		For Class 55 Rating, Add	*4,774.76*	
		For Class 56 Rating, Add	*6,326.80*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,066.60	1,619.77
		For Class 52 Rating, Deduct	*-2,377.36*	
		For Class 54 Rating, Add	*3,271.31*	
		For Class 55 Rating, Add	*4,878.47*	
		For Class 56 Rating, Add	*6,464.01*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,536.57	1,623.42
		For Class 52 Rating, Deduct	*-2,428.45*	
		For Class 54 Rating, Add	*3,341.04*	
		For Class 55 Rating, Add	*4,982.17*	
		For Class 56 Rating, Add	*6,601.22*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,006.53	1,627.06
		For Class 52 Rating, Deduct	*-2,479.54*	
		For Class 54 Rating, Add	*3,410.78*	
		For Class 55 Rating, Add	*5,085.87*	
		For Class 56 Rating, Add	*6,738.43*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,476.50	1,630.72
		For Class 52 Rating, Deduct	*-2,530.63*	
		For Class 54 Rating, Add	*3,480.51*	
		For Class 55 Rating, Add	*5,189.57*	
		For Class 56 Rating, Add	*6,875.64*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,946.46	1,634.37
		For Class 52 Rating, Deduct	*-2,581.72*	
		For Class 54 Rating, Add	*3,550.24*	
		For Class 55 Rating, Add	*5,293.27*	
		For Class 56 Rating, Add	*7,012.84*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,416.43	1,638.01
		For Class 52 Rating, Deduct	*-2,632.80*	
		For Class 54 Rating, Add	*3,619.97*	
		For Class 55 Rating, Add	*5,396.98*	
		For Class 56 Rating, Add	*7,150.05*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,544.54	1,904.33
		For Class 52 Rating, Deduct	*-1,062.51*	
		For Class 54 Rating, Add	*1,483.50*	
		For Class 55 Rating, Add	*2,223.25*	
		For Class 56 Rating, Add	*2,953.34*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,181.86	1,907.97
		For Class 52 Rating, Deduct	*-1,132.01*	
		For Class 54 Rating, Add	*1,578.34*	
		For Class 55 Rating, Add	*2,364.27*	
		For Class 56 Rating, Add	*3,139.91*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,819.17	1,911.62
		For Class 52 Rating, Deduct	*-1,201.51*	
		For Class 54 Rating, Add	*1,673.17*	
		For Class 55 Rating, Add	*2,505.29*	
		For Class 56 Rating, Add	*3,326.49*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,456.50	1,915.27
		For Class 52 Rating, Deduct	*-1,271.00*	
		For Class 54 Rating, Add	*1,768.01*	
		For Class 55 Rating, Add	*2,646.32*	
		For Class 56 Rating, Add	*3,513.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,093.80	1,918.92
		For Class 52 Rating, Deduct	*-1,340.50*	
		For Class 54 Rating, Add	*1,862.84*	
		For Class 55 Rating, Add	*2,787.33*	
		For Class 56 Rating, Add	*3,699.64*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,731.12	1,922.56
		For Class 52 Rating, Deduct	*-1,410.00*	
		For Class 54 Rating, Add	*1,957.68*	
		For Class 55 Rating, Add	*2,928.36*	
		For Class 56 Rating, Add	*3,886.22*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,368.44	1,926.22
		For Class 52 Rating, Deduct	*-1,479.49*	
		For Class 54 Rating, Add	*2,052.51*	
		For Class 55 Rating, Add	*3,069.38*	
		For Class 56 Rating, Add	*4,072.80*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,005.76	1,929.86
		For Class 52 Rating, Deduct	*-1,548.99*	
		For Class 54 Rating, Add	*2,147.35*	
		For Class 55 Rating, Add	*3,210.40*	
		For Class 56 Rating, Add	*4,259.37*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,643.06	1,933.51
		For Class 52 Rating, Deduct	*-1,618.49*	
		For Class 54 Rating, Add	*2,242.18*	
		For Class 55 Rating, Add	*3,351.42*	
		For Class 56 Rating, Add	*4,445.95*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,280.38	1,937.15
		For Class 52 Rating, Deduct	*-1,687.98*	
		For Class 54 Rating, Add	*2,337.01*	
		For Class 55 Rating, Add	*3,492.44*	
		For Class 56 Rating, Add	*4,632.52*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,917.70	1,940.81
		For Class 52 Rating, Deduct	*-1,757.48*	
		For Class 54 Rating, Add	*2,431.85*	
		For Class 55 Rating, Add	*3,633.46*	
		For Class 56 Rating, Add	*4,819.10*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,555.02	1,944.46
		For Class 52 Rating, Deduct	*-1,826.98*	
		For Class 54 Rating, Add	*2,526.68*	
		For Class 55 Rating, Add	*3,774.49*	
		For Class 56 Rating, Add	*5,005.68*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,192.32	1,948.10
		For Class 52 Rating, Deduct	*-1,896.47*	
		For Class 54 Rating, Add	*2,621.52*	
		For Class 55 Rating, Add	*3,915.51*	
		For Class 56 Rating, Add	*5,192.25*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,829.64	1,951.75
		For Class 52 Rating, Deduct	*-1,965.97*	
		For Class 54 Rating, Add	*2,716.35*	
		For Class 55 Rating, Add	*4,056.53*	
		For Class 56 Rating, Add	*5,378.83*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,466.96	1,955.40
		For Class 52 Rating, Deduct	*-2,035.47*	
		For Class 54 Rating, Add	*2,811.19*	
		For Class 55 Rating, Add	*4,197.55*	
		For Class 56 Rating, Add	*5,565.41*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,104.27	1,959.05
		For Class 52 Rating, Deduct	*-2,104.96*	
		For Class 54 Rating, Add	*2,906.02*	
		For Class 55 Rating, Add	*4,338.57*	
		For Class 56 Rating, Add	*5,751.98*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,741.58	1,962.69
		For Class 52 Rating, Deduct	*-2,174.46*	
		For Class 54 Rating, Add	*3,000.86*	
		For Class 55 Rating, Add	*4,479.59*	
		For Class 56 Rating, Add	*5,938.56*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,378.89	1,966.35
		For Class 52 Rating, Deduct	*-2,243.95*	
		For Class 54 Rating, Add	*3,095.69*	
		For Class 55 Rating, Add	*4,620.61*	
		For Class 56 Rating, Add	*6,125.13*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,016.22	1,969.99
		For Class 52 Rating, Deduct	*-2,313.45*	
		For Class 54 Rating, Add	*3,190.53*	
		For Class 55 Rating, Add	*4,761.63*	
		For Class 56 Rating, Add	*6,311.71*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,653.53	1,973.64
		For Class 52 Rating, Deduct	*-2,382.95*	
		For Class 54 Rating, Add	*3,285.36*	
		For Class 55 Rating, Add	*4,902.66*	
		For Class 56 Rating, Add	*6,498.29*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,290.84	1,977.28
		For Class 52 Rating, Deduct	*-2,452.44*	
		For Class 54 Rating, Add	*3,380.19*	
		For Class 55 Rating, Add	*5,043.68*	
		For Class 56 Rating, Add	*6,684.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,928.15	1,980.94
		For Class 52 Rating, Deduct	*-2,521.94*	
		For Class 54 Rating, Add	*3,475.03*	
		For Class 55 Rating, Add	*5,184.70*	
		For Class 56 Rating, Add	*6,871.44*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,565.48	1,984.59
		For Class 52 Rating, Deduct	*-2,591.44*	
		For Class 54 Rating, Add	*3,569.86*	
		For Class 55 Rating, Add	*5,325.72*	
		For Class 56 Rating, Add	*7,058.02*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,202.79	1,988.23
		For Class 52 Rating, Deduct	*-2,660.94*	
		For Class 54 Rating, Add	*3,664.70*	
		For Class 55 Rating, Add	*5,466.74*	
		For Class 56 Rating, Add	*7,244.59*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,840.10	1,991.88
		For Class 52 Rating, Deduct	*-2,730.43*	
		For Class 54 Rating, Add	*3,759.53*	
		For Class 55 Rating, Add	*5,607.76*	
		For Class 56 Rating, Add	*7,431.17*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,477.41	1,995.53
		For Class 52 Rating, Deduct	*-2,799.93*	
		For Class 54 Rating, Add	*3,854.37*	
		For Class 55 Rating, Add	*5,748.78*	
		For Class 56 Rating, Add	*7,617.74*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,114.74	1,999.18
		For Class 52 Rating, Deduct	*-2,869.42*	
		For Class 54 Rating, Add	*3,949.20*	
		For Class 55 Rating, Add	*5,889.80*	
		For Class 56 Rating, Add	*7,804.32*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,752.05	2,002.82
		For Class 52 Rating, Deduct	*-2,938.92*	
		For Class 54 Rating, Add	*4,044.04*	
		For Class 55 Rating, Add	*6,030.83*	
		For Class 56 Rating, Add	*7,990.90*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,389.36	2,006.48
		For Class 52 Rating, Deduct	*-3,008.42*	
		For Class 54 Rating, Add	*4,138.87*	
		For Class 55 Rating, Add	*6,171.85*	
		For Class 56 Rating, Add	*8,177.47*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,026.67	2,010.12
		For Class 52 Rating, Deduct	*-3,077.91*	
		For Class 54 Rating, Add	*4,233.70*	
		For Class 55 Rating, Add	*6,312.87*	
		For Class 56 Rating, Add	*8,364.05*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,664.00	2,013.77
		For Class 52 Rating, Deduct	*-3,147.41*	
		For Class 54 Rating, Add	*4,328.54*	
		For Class 55 Rating, Add	*6,453.89*	
		For Class 56 Rating, Add	*8,550.63*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,301.31	2,017.41
		For Class 52 Rating, Deduct	*-3,216.91*	
		For Class 54 Rating, Add	*4,423.37*	
		For Class 55 Rating, Add	*6,594.91*	
		For Class 56 Rating, Add	*8,737.20*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,938.62	2,021.07
		For Class 52 Rating, Deduct	*-3,286.40*	
		For Class 54 Rating, Add	*4,518.21*	
		For Class 55 Rating, Add	*6,735.93*	
		For Class 56 Rating, Add	*8,923.78*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,575.94	2,024.71
		For Class 52 Rating, Deduct	*-3,355.90*	
		For Class 54 Rating, Add	*4,613.04*	
		For Class 55 Rating, Add	*6,876.95*	
		For Class 56 Rating, Add	*9,110.36*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,213.26	2,028.36
		For Class 52 Rating, Deduct	*-3,425.40*	
		For Class 54 Rating, Add	*4,707.88*	
		For Class 55 Rating, Add	*7,017.97*	
		For Class 56 Rating, Add	*9,296.93*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,850.57	2,032.01
		For Class 52 Rating, Deduct	*-3,494.89*	
		For Class 54 Rating, Add	*4,802.71*	
		For Class 55 Rating, Add	*7,159.00*	
		For Class 56 Rating, Add	*9,483.51*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,487.88	2,035.66
		For Class 52 Rating, Deduct	*-3,564.39*	
		For Class 54 Rating, Add	*4,897.54*	
		For Class 55 Rating, Add	*7,300.02*	
		For Class 56 Rating, Add	*9,670.08*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,125.20	2,039.31
		For Class 52 Rating, Deduct	*-3,633.89*	
		For Class 54 Rating, Add	*4,992.38*	
		For Class 55 Rating, Add	*7,441.04*	
		For Class 56 Rating, Add	*9,856.66*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476		42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*			
40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,522.90	2,400.47
		For Class 52 Rating, Deduct		*-1,417.44*	
		For Class 54 Rating, Add		*1,976.52*	
		For Class 55 Rating, Add		*2,960.83*	
		For Class 56 Rating, Add		*3,932.25*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		17,472.36	2,404.12
		For Class 52 Rating, Deduct		*-1,521.27*	
		For Class 54 Rating, Add		*2,118.17*	
		For Class 55 Rating, Add		*3,171.46*	
		For Class 56 Rating, Add		*4,210.91*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		18,410.52	2,407.76
		For Class 52 Rating, Deduct		*-1,623.86*	
		For Class 54 Rating, Add		*2,258.14*	
		For Class 55 Rating, Add		*3,379.57*	
		For Class 56 Rating, Add		*4,486.24*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		19,358.09	2,411.42
		For Class 52 Rating, Deduct		*-1,727.49*	
		For Class 54 Rating, Add		*2,399.51*	
		For Class 55 Rating, Add		*3,589.78*	
		For Class 56 Rating, Add		*4,764.34*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		20,296.25	2,415.06
		For Class 52 Rating, Deduct		*-1,830.08*	
		For Class 54 Rating, Add		*2,539.47*	
		For Class 55 Rating, Add		*3,797.89*	
		For Class 56 Rating, Add		*5,039.67*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		21,245.71	2,418.71
		For Class 52 Rating, Deduct		*-1,933.91*	
		For Class 54 Rating, Add		*2,681.13*	
		For Class 55 Rating, Add		*4,008.51*	
		For Class 56 Rating, Add		*5,318.32*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		22,181.99	2,422.36
		For Class 52 Rating, Deduct		*-2,036.29*	
		For Class 54 Rating, Add		*2,820.81*	
		For Class 55 Rating, Add		*4,216.21*	
		For Class 56 Rating, Add		*5,593.09*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		23,131.44	2,426.01
		For Class 52 Rating, Deduct		*-2,140.12*	
		For Class 54 Rating, Add		*2,962.46*	
		For Class 55 Rating, Add		*4,426.83*	
		For Class 56 Rating, Add		*5,871.75*	
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		24,069.60	2,429.66
		For Class 52 Rating, Deduct		*-2,242.71*	
		For Class 54 Rating, Add		*3,102.42*	
		For Class 55 Rating, Add		*4,634.94*	
		For Class 56 Rating, Add		*6,147.08*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		25,017.18	2,433.30
		For Class 52 Rating, Deduct		*-2,346.34*	
		For Class 54 Rating, Add		*3,243.79*	
		For Class 55 Rating, Add		*4,845.15*	
		For Class 56 Rating, Add		*6,425.18*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		25,955.34	2,436.96
		For Class 52 Rating, Deduct		*-2,448.93*	
		For Class 54 Rating, Add		*3,383.76*	
		For Class 55 Rating, Add		*5,053.26*	
		For Class 56 Rating, Add		*6,700.51*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		26,902.91	2,440.60
		For Class 52 Rating, Deduct		*-2,552.55*	
		For Class 54 Rating, Add		*3,525.13*	
		For Class 55 Rating, Add		*5,263.47*	
		For Class 56 Rating, Add		*6,978.61*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		27,841.07	2,444.25
		For Class 52 Rating, Deduct		*-2,655.14*	
		For Class 54 Rating, Add		*3,665.09*	
		For Class 55 Rating, Add		*5,471.58*	
		For Class 56 Rating, Add		*7,253.94*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		28,781.13	2,447.89
		For Class 52 Rating, Deduct		*-2,757.94*	
		For Class 54 Rating, Add		*3,805.34*	
		For Class 55 Rating, Add		*5,680.11*	
		For Class 56 Rating, Add		*7,529.82*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		29,726.81	2,451.55
		For Class 52 Rating, Deduct		*-2,861.36*	
		For Class 54 Rating, Add		*3,946.43*	
		For Class 55 Rating, Add		*5,889.90*	
		For Class 56 Rating, Add		*7,807.36*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		30,664.98	2,455.19
		For Class 52 Rating, Deduct		*-2,963.95*	
		For Class 54 Rating, Add		*4,086.39*	
		For Class 55 Rating, Add		*6,098.01*	
		For Class 56 Rating, Add		*8,082.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,614.43	2,458.84
		For Class 52 Rating, Deduct	*-3,067.78*	
		For Class 54 Rating, Add	*4,228.04*	
		For Class 55 Rating, Add	*6,308.64*	
		For Class 56 Rating, Add	*8,361.35*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,552.59	2,462.49
		For Class 52 Rating, Deduct	*-3,170.37*	
		For Class 54 Rating, Add	*4,368.00*	
		For Class 55 Rating, Add	*6,516.75*	
		For Class 56 Rating, Add	*8,636.67*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,500.16	2,466.14
		For Class 52 Rating, Deduct	*-3,273.99*	
		For Class 54 Rating, Add	*4,509.38*	
		For Class 55 Rating, Add	*6,726.96*	
		For Class 56 Rating, Add	*8,914.78*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,438.32	2,469.79
		For Class 52 Rating, Deduct	*-3,376.58*	
		For Class 54 Rating, Add	*4,649.34*	
		For Class 55 Rating, Add	*6,935.07*	
		For Class 56 Rating, Add	*9,190.10*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,387.77	2,473.43
		For Class 52 Rating, Deduct	*-3,480.42*	
		For Class 54 Rating, Add	*4,790.99*	
		For Class 55 Rating, Add	*7,145.69*	
		For Class 56 Rating, Add	*9,468.76*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,325.94	2,477.09
		For Class 52 Rating, Deduct	*-3,583.01*	
		For Class 54 Rating, Add	*4,930.95*	
		For Class 55 Rating, Add	*7,353.81*	
		For Class 56 Rating, Add	*9,744.08*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,273.50	2,480.73
		For Class 52 Rating, Deduct	*-3,686.63*	
		For Class 54 Rating, Add	*5,072.33*	
		For Class 55 Rating, Add	*7,564.01*	
		For Class 56 Rating, Add	*10,022.18*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,211.67	2,484.38
		For Class 52 Rating, Deduct	*-3,789.22*	
		For Class 54 Rating, Add	*5,212.29*	
		For Class 55 Rating, Add	*7,772.12*	
		For Class 56 Rating, Add	*10,297.51*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,161.12	2,488.02
		For Class 52 Rating, Deduct	*-3,893.05*	
		For Class 54 Rating, Add	*5,353.94*	
		For Class 55 Rating, Add	*7,982.75*	
		For Class 56 Rating, Add	*10,576.17*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,099.29	2,491.68
		For Class 52 Rating, Deduct	*-3,995.64*	
		For Class 54 Rating, Add	*5,493.91*	
		For Class 55 Rating, Add	*8,190.86*	
		For Class 56 Rating, Add	*10,851.50*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,044.97	2,495.32
		For Class 52 Rating, Deduct	*-4,099.06*	
		For Class 54 Rating, Add	*5,635.00*	
		For Class 55 Rating, Add	*8,400.65*	
		For Class 56 Rating, Add	*11,129.04*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,985.02	2,498.97
		For Class 52 Rating, Deduct	*-4,201.86*	
		For Class 54 Rating, Add	*5,775.24*	
		For Class 55 Rating, Add	*8,609.18*	
		For Class 56 Rating, Add	*11,404.92*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,735.16	2,502.61
		For Class 52 Rating, Deduct	*-4,283.76*	
		For Class 54 Rating, Add	*5,887.00*	
		For Class 55 Rating, Add	*8,775.36*	
		For Class 56 Rating, Add	*11,624.78*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,870.76	2,506.27
		For Class 52 Rating, Deduct	*-4,408.07*	
		For Class 54 Rating, Add	*6,056.58*	
		For Class 55 Rating, Add	*9,027.50*	
		For Class 56 Rating, Add	*11,958.35*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,808.92	2,509.91
		For Class 52 Rating, Deduct	*-4,510.66*	
		For Class 54 Rating, Add	*6,196.54*	
		For Class 55 Rating, Add	*9,235.61*	
		For Class 56 Rating, Add	*12,233.68*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,756.48	2,513.56
		For Class 52 Rating, Deduct	*-4,614.29*	
		For Class 54 Rating, Add	*6,337.91*	
		For Class 55 Rating, Add	*9,445.82*	
		For Class 56 Rating, Add	*12,511.78*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,694.66	2,517.22
		For Class 52 Rating, Deduct	*-4,716.88*	
		For Class 54 Rating, Add	*6,477.87*	
		For Class 55 Rating, Add	*9,653.93*	
		For Class 56 Rating, Add	*12,787.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,644.10	2,520.86
		For Class 52 Rating, Deduct	*-4,820.71*	
		For Class 54 Rating, Add	*6,619.53*	
		For Class 55 Rating, Add	*9,864.56*	
		For Class 56 Rating, Add	*13,065.76*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,580.39	2,524.51
		For Class 52 Rating, Deduct	*-4,923.09*	
		For Class 54 Rating, Add	*6,759.21*	
		For Class 55 Rating, Add	*10,072.25*	
		For Class 56 Rating, Add	*13,340.54*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,529.83	2,528.15
		For Class 52 Rating, Deduct	*-5,026.92*	
		For Class 54 Rating, Add	*6,900.86*	
		For Class 55 Rating, Add	*10,282.88*	
		For Class 56 Rating, Add	*13,619.19*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,468.01	2,531.81
		For Class 52 Rating, Deduct	*-5,129.51*	
		For Class 54 Rating, Add	*7,040.82*	
		For Class 55 Rating, Add	*10,490.99*	
		For Class 56 Rating, Add	*13,894.52*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,415.57	2,535.45
		For Class 52 Rating, Deduct	*-5,233.14*	
		For Class 54 Rating, Add	*7,182.20*	
		For Class 55 Rating, Add	*10,701.20*	
		For Class 56 Rating, Add	*14,172.62*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,726.93	3,017.01
		For Class 52 Rating, Deduct	*-1,777.13*	
		For Class 54 Rating, Add	*2,478.21*	
		For Class 55 Rating, Add	*3,712.43*	
		For Class 56 Rating, Add	*4,930.50*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,106.97	3,020.65
		For Class 52 Rating, Deduct	*-1,928.32*	
		For Class 54 Rating, Add	*2,684.45*	
		For Class 55 Rating, Add	*4,019.08*	
		For Class 56 Rating, Add	*5,336.18*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,485.14	3,024.30
		For Class 52 Rating, Deduct	*-2,079.31*	
		For Class 54 Rating, Add	*2,890.42*	
		For Class 55 Rating, Add	*4,325.31*	
		For Class 56 Rating, Add	*5,741.31*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,874.57	3,027.95
		For Class 52 Rating, Deduct	*-2,231.54*	
		For Class 54 Rating, Add	*3,098.07*	
		For Class 55 Rating, Add	*4,634.06*	
		For Class 56 Rating, Add	*6,149.76*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,254.62	3,031.60
		For Class 52 Rating, Deduct	*-2,382.74*	
		For Class 54 Rating, Add	*3,304.31*	
		For Class 55 Rating, Add	*4,940.71*	
		For Class 56 Rating, Add	*6,555.44*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,634.66	3,035.24
		For Class 52 Rating, Deduct	*-2,533.94*	
		For Class 54 Rating, Add	*3,510.56*	
		For Class 55 Rating, Add	*5,247.36*	
		For Class 56 Rating, Add	*6,961.12*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,022.23	3,038.89
		For Class 52 Rating, Deduct	*-2,685.96*	
		For Class 54 Rating, Add	*3,717.93*	
		For Class 55 Rating, Add	*5,555.68*	
		For Class 56 Rating, Add	*7,369.02*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,404.14	3,042.55
		For Class 52 Rating, Deduct	*-2,837.37*	
		For Class 54 Rating, Add	*3,924.45*	
		For Class 55 Rating, Add	*5,862.75*	
		For Class 56 Rating, Add	*7,775.25*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,782.30	3,046.19
		For Class 52 Rating, Deduct	*-2,988.35*	
		For Class 54 Rating, Add	*4,130.41*	
		For Class 55 Rating, Add	*6,168.98*	
		For Class 56 Rating, Add	*8,180.38*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,171.75	3,049.84
		For Class 52 Rating, Deduct	*-3,140.59*	
		For Class 54 Rating, Add	*4,338.07*	
		For Class 55 Rating, Add	*6,477.73*	
		For Class 56 Rating, Add	*8,588.84*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,551.79	3,053.49
		For Class 52 Rating, Deduct	*-3,291.78*	
		For Class 54 Rating, Add	*4,544.31*	
		For Class 55 Rating, Add	*6,784.38*	
		For Class 56 Rating, Add	*8,994.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,941.23	3,057.14
		For Class 52 Rating, Deduct	*-3,444.01*	
		For Class 54 Rating, Add	*4,751.97*	
		For Class 55 Rating, Add	*7,093.12*	
		For Class 56 Rating, Add	*9,402.97*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,319.39	3,060.78
		For Class 52 Rating, Deduct	*-3,595.00*	
		For Class 54 Rating, Add	*4,957.93*	
		For Class 55 Rating, Add	*7,399.35*	
		For Class 56 Rating, Add	*9,808.09*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,699.44	3,064.43
		For Class 52 Rating, Deduct	*-3,746.20*	
		For Class 54 Rating, Add	*5,164.17*	
		For Class 55 Rating, Add	*7,706.00*	
		For Class 56 Rating, Add	*10,213.78*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,088.88	3,068.08
		For Class 52 Rating, Deduct	*-3,898.43*	
		For Class 54 Rating, Add	*5,371.82*	
		For Class 55 Rating, Add	*8,014.75*	
		For Class 56 Rating, Add	*10,622.23*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,468.92	3,071.73
		For Class 52 Rating, Deduct	*-4,049.63*	
		For Class 54 Rating, Add	*5,578.07*	
		For Class 55 Rating, Add	*8,321.40*	
		For Class 56 Rating, Add	*11,027.91*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,847.08	3,075.37
		For Class 52 Rating, Deduct	*-4,200.62*	
		For Class 54 Rating, Add	*5,784.03*	
		For Class 55 Rating, Add	*8,627.63*	
		For Class 56 Rating, Add	*11,433.04*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,236.52	3,079.02
		For Class 52 Rating, Deduct	*-4,352.85*	
		For Class 54 Rating, Add	*5,991.68*	
		For Class 55 Rating, Add	*8,936.37*	
		For Class 56 Rating, Add	*11,841.49*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,616.56	3,082.67
		For Class 52 Rating, Deduct	*-4,504.04*	
		For Class 54 Rating, Add	*6,197.93*	
		For Class 55 Rating, Add	*9,243.02*	
		For Class 56 Rating, Add	*12,247.17*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,994.72	3,086.32
		For Class 52 Rating, Deduct	*-4,655.03*	
		For Class 54 Rating, Add	*6,403.89*	
		For Class 55 Rating, Add	*9,549.25*	
		For Class 56 Rating, Add	*12,652.30*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,384.17	3,089.97
		For Class 52 Rating, Deduct	*-4,807.26*	
		For Class 54 Rating, Add	*6,611.54*	
		For Class 55 Rating, Add	*9,858.00*	
		For Class 56 Rating, Add	*13,060.75*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,766.09	3,093.62
		For Class 52 Rating, Deduct	*-4,958.67*	
		For Class 54 Rating, Add	*6,818.07*	
		For Class 55 Rating, Add	*10,165.07*	
		For Class 56 Rating, Add	*13,466.99*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,144.25	3,097.27
		For Class 52 Rating, Deduct	*-5,109.66*	
		For Class 54 Rating, Add	*7,024.03*	
		For Class 55 Rating, Add	*10,471.30*	
		For Class 56 Rating, Add	*13,872.11*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,533.69	3,100.91
		For Class 52 Rating, Deduct	*-5,261.89*	
		For Class 54 Rating, Add	*7,231.68*	
		For Class 55 Rating, Add	*10,780.04*	
		For Class 56 Rating, Add	*14,280.57*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,913.73	3,104.56
		For Class 52 Rating, Deduct	*-5,413.08*	
		For Class 54 Rating, Add	*7,437.92*	
		For Class 55 Rating, Add	*11,086.69*	
		For Class 56 Rating, Add	*14,686.25*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,291.90	3,108.21
		For Class 52 Rating, Deduct	*-5,564.07*	
		For Class 54 Rating, Add	*7,643.89*	
		For Class 55 Rating, Add	*11,392.92*	
		For Class 56 Rating, Add	*15,091.37*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,681.33	3,111.86
		For Class 52 Rating, Deduct	*-5,716.30*	
		For Class 54 Rating, Add	*7,851.54*	
		For Class 55 Rating, Add	*11,701.67*	
		For Class 56 Rating, Add	*15,499.83*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,061.38	3,115.50
		For Class 52 Rating, Deduct	*-5,867.50*	
		For Class 54 Rating, Add	*8,057.78*	
		For Class 55 Rating, Add	*12,008.32*	
		For Class 56 Rating, Add	*15,905.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,272.19	3,119.15
		For Class 52 Rating, Deduct	*-6,000.08*	
		For Class 54 Rating, Add	*8,238.64*	
		For Class 55 Rating, Add	*12,277.23*	
		For Class 56 Rating, Add	*16,261.26*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,830.87	3,122.80
		For Class 52 Rating, Deduct	*-6,170.93*	
		For Class 54 Rating, Add	*8,471.68*	
		For Class 55 Rating, Add	*12,623.71*	
		For Class 56 Rating, Add	*16,719.64*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,209.02	3,126.45
		For Class 52 Rating, Deduct	*-6,321.92*	
		For Class 54 Rating, Add	*8,677.64*	
		For Class 55 Rating, Add	*12,929.94*	
		For Class 56 Rating, Add	*17,124.77*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,600.35	3,130.09
		For Class 52 Rating, Deduct	*-6,474.36*	
		For Class 54 Rating, Add	*8,885.58*	
		For Class 55 Rating, Add	*13,239.11*	
		For Class 56 Rating, Add	*17,533.78*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,978.51	3,133.75
		For Class 52 Rating, Deduct	*-6,625.35*	
		For Class 54 Rating, Add	*9,091.54*	
		For Class 55 Rating, Add	*13,545.34*	
		For Class 56 Rating, Add	*17,938.90*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,356.67	3,137.40
		For Class 52 Rating, Deduct	*-6,776.33*	
		For Class 54 Rating, Add	*9,297.50*	
		For Class 55 Rating, Add	*13,851.57*	
		For Class 56 Rating, Add	*18,344.03*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,747.99	3,141.04
		For Class 52 Rating, Deduct	*-6,928.77*	
		For Class 54 Rating, Add	*9,505.44*	
		For Class 55 Rating, Add	*14,160.73*	
		For Class 56 Rating, Add	*18,753.04*	
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,126.15	3,144.69
		For Class 52 Rating, Deduct	*-7,079.76*	
		For Class 54 Rating, Add	*9,711.40*	
		For Class 55 Rating, Add	*14,466.96*	
		For Class 56 Rating, Add	*19,158.16*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,506.20	3,148.34
		For Class 52 Rating, Deduct	*-7,230.96*	
		For Class 54 Rating, Add	*9,917.64*	
		For Class 55 Rating, Add	*14,773.61*	
		For Class 56 Rating, Add	*19,563.84*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,895.64	3,151.99
		For Class 52 Rating, Deduct	*-7,383.19*	
		For Class 54 Rating, Add	*10,125.29*	
		For Class 55 Rating, Add	*15,082.36*	
		For Class 56 Rating, Add	*19,972.30*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	572.59	166.94
		For Class 52 Rating, Deduct	*-35.16*	
		For Class 54 Rating, Add	*50.98*	
		For Class 55 Rating, Add	*77.35*	
		For Class 56 Rating, Add	*103.40*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	625.90	169.86
		For Class 52 Rating, Deduct	*-40.54*	
		For Class 54 Rating, Add	*58.37*	
		For Class 55 Rating, Add	*88.36*	
		For Class 56 Rating, Add	*117.98*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	679.21	172.78
		For Class 52 Rating, Deduct	*-45.92*	
		For Class 54 Rating, Add	*65.76*	
		For Class 55 Rating, Add	*99.37*	
		For Class 56 Rating, Add	*132.57*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	732.52	175.69
		For Class 52 Rating, Deduct	*-51.30*	
		For Class 54 Rating, Add	*73.14*	
		For Class 55 Rating, Add	*110.38*	
		For Class 56 Rating, Add	*147.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	785.83	178.62
		For Class 52 Rating, Deduct	*-56.67*	
		For Class 54 Rating, Add	*80.53*	
		For Class 55 Rating, Add	*121.39*	
		For Class 56 Rating, Add	*161.73*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	839.15	181.53
		For Class 52 Rating, Deduct	*-62.05*	
		For Class 54 Rating, Add	*87.92*	
		For Class 55 Rating, Add	*132.40*	
		For Class 56 Rating, Add	*176.31*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	892.45	184.45
		For Class 52 Rating, Deduct	*-67.43*	
		For Class 54 Rating, Add	*95.30*	
		For Class 55 Rating, Add	*143.40*	
		For Class 56 Rating, Add	*190.89*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	945.76	187.37
		For Class 52 Rating, Deduct	*-72.81*	
		For Class 54 Rating, Add	*102.69*	
		For Class 55 Rating, Add	*154.41*	
		For Class 56 Rating, Add	*205.47*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	999.07	190.29
		For Class 52 Rating, Deduct	*-78.18*	
		For Class 54 Rating, Add	*110.07*	
		For Class 55 Rating, Add	*165.42*	
		For Class 56 Rating, Add	*220.05*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,052.38	193.21
		For Class 52 Rating, Deduct	*-83.56*	
		For Class 54 Rating, Add	*117.46*	
		For Class 55 Rating, Add	*176.43*	
		For Class 56 Rating, Add	*234.64*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,105.70	196.13
		For Class 52 Rating, Deduct	*-88.94*	
		For Class 54 Rating, Add	*124.85*	
		For Class 55 Rating, Add	*187.44*	
		For Class 56 Rating, Add	*249.22*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,159.01	199.04
		For Class 52 Rating, Deduct	*-94.32*	
		For Class 54 Rating, Add	*132.23*	
		For Class 55 Rating, Add	*198.44*	
		For Class 56 Rating, Add	*263.80*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,212.31	201.96
		For Class 52 Rating, Deduct	*-99.69*	
		For Class 54 Rating, Add	*139.62*	
		For Class 55 Rating, Add	*209.45*	
		For Class 56 Rating, Add	*278.38*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,265.62	204.88
		For Class 52 Rating, Deduct	*-105.07*	
		For Class 54 Rating, Add	*147.01*	
		For Class 55 Rating, Add	*220.46*	
		For Class 56 Rating, Add	*292.96*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,318.93	207.80
		For Class 52 Rating, Deduct	*-110.45*	
		For Class 54 Rating, Add	*154.39*	
		For Class 55 Rating, Add	*231.47*	
		For Class 56 Rating, Add	*307.54*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,372.25	210.72
		For Class 52 Rating, Deduct	*-115.83*	
		For Class 54 Rating, Add	*161.78*	
		For Class 55 Rating, Add	*242.48*	
		For Class 56 Rating, Add	*322.12*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,425.56	213.63
		For Class 52 Rating, Deduct	*-121.21*	
		For Class 54 Rating, Add	*169.16*	
		For Class 55 Rating, Add	*253.49*	
		For Class 56 Rating, Add	*336.70*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,478.87	216.56
		For Class 52 Rating, Deduct	*-126.58*	
		For Class 54 Rating, Add	*176.55*	
		For Class 55 Rating, Add	*264.49*	
		For Class 56 Rating, Add	*351.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,532.17	219.48
		For Class 52 Rating, Deduct	*-131.96*	
		For Class 54 Rating, Add	*183.94*	
		For Class 55 Rating, Add	*275.50*	
		For Class 56 Rating, Add	*365.86*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.48	222.39
		For Class 52 Rating, Deduct	*-137.34*	
		For Class 54 Rating, Add	*191.32*	
		For Class 55 Rating, Add	*286.51*	
		For Class 56 Rating, Add	*380.45*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,638.80	225.31
		For Class 52 Rating, Deduct	*-142.72*	
		For Class 54 Rating, Add	*198.71*	
		For Class 55 Rating, Add	*297.52*	
		For Class 56 Rating, Add	*395.03*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,692.11	228.23
		For Class 52 Rating, Deduct	*-148.09*	
		For Class 54 Rating, Add	*206.10*	
		For Class 55 Rating, Add	*308.53*	
		For Class 56 Rating, Add	*409.61*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,745.42	231.15
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*213.48*	
		For Class 55 Rating, Add	*319.53*	
		For Class 56 Rating, Add	*424.19*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,798.73	234.07
		For Class 52 Rating, Deduct	*-158.85*	
		For Class 54 Rating, Add	*220.87*	
		For Class 55 Rating, Add	*330.54*	
		For Class 56 Rating, Add	*438.77*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,852.04	236.98
		For Class 52 Rating, Deduct	*-164.23*	
		For Class 54 Rating, Add	*228.25*	
		For Class 55 Rating, Add	*341.55*	
		For Class 56 Rating, Add	*453.35*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,905.35	239.90
		For Class 52 Rating, Deduct	*-169.60*	
		For Class 54 Rating, Add	*235.64*	
		For Class 55 Rating, Add	*352.56*	
		For Class 56 Rating, Add	*467.93*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,958.66	242.82
		For Class 52 Rating, Deduct	*-174.98*	
		For Class 54 Rating, Add	*243.03*	
		For Class 55 Rating, Add	*363.57*	
		For Class 56 Rating, Add	*482.52*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,011.97	245.74
		For Class 52 Rating, Deduct	*-180.36*	
		For Class 54 Rating, Add	*250.41*	
		For Class 55 Rating, Add	*374.58*	
		For Class 56 Rating, Add	*497.10*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,065.28	248.66
		For Class 52 Rating, Deduct	*-185.74*	
		For Class 54 Rating, Add	*257.80*	
		For Class 55 Rating, Add	*385.58*	
		For Class 56 Rating, Add	*511.68*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,118.60	251.58
		For Class 52 Rating, Deduct	*-191.12*	
		For Class 54 Rating, Add	*265.19*	
		For Class 55 Rating, Add	*396.59*	
		For Class 56 Rating, Add	*526.26*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,171.90	254.49
		For Class 52 Rating, Deduct	*-196.49*	
		For Class 54 Rating, Add	*272.57*	
		For Class 55 Rating, Add	*407.60*	
		For Class 56 Rating, Add	*540.84*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,225.21	257.42
		For Class 52 Rating, Deduct	*-201.87*	
		For Class 54 Rating, Add	*279.96*	
		For Class 55 Rating, Add	*418.61*	
		For Class 56 Rating, Add	*555.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,278.52	260.33
		For Class 52 Rating, Deduct	*-207.25*	
		For Class 54 Rating, Add	*287.35*	
		For Class 55 Rating, Add	*429.62*	
		For Class 56 Rating, Add	*570.00*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,331.83	263.25
		For Class 52 Rating, Deduct	*-212.63*	
		For Class 54 Rating, Add	*294.73*	
		For Class 55 Rating, Add	*440.62*	
		For Class 56 Rating, Add	*584.59*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,385.15	266.17
		For Class 52 Rating, Deduct	*-218.00*	
		For Class 54 Rating, Add	*302.12*	
		For Class 55 Rating, Add	*451.63*	
		For Class 56 Rating, Add	*599.17*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,438.46	269.08
		For Class 52 Rating, Deduct	*-223.38*	
		For Class 54 Rating, Add	*309.51*	
		For Class 55 Rating, Add	*462.64*	
		For Class 56 Rating, Add	*613.75*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,491.76	272.01
		For Class 52 Rating, Deduct	*-228.76*	
		For Class 54 Rating, Add	*316.89*	
		For Class 55 Rating, Add	*473.65*	
		For Class 56 Rating, Add	*628.33*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,545.07	274.93
		For Class 52 Rating, Deduct	*-234.14*	
		For Class 54 Rating, Add	*324.28*	
		For Class 55 Rating, Add	*484.66*	
		For Class 56 Rating, Add	*642.91*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,598.38	277.84
		For Class 52 Rating, Deduct	*-239.52*	
		For Class 54 Rating, Add	*331.66*	
		For Class 55 Rating, Add	*495.67*	
		For Class 56 Rating, Add	*657.49*	
40 05 19 00-0595		6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	715.13	210.14
		For Class 52 Rating, Deduct	*-43.64*	
		For Class 54 Rating, Add	*63.33*	
		For Class 55 Rating, Add	*96.12*	
		For Class 56 Rating, Add	*128.50*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	779.72	213.05
		For Class 52 Rating, Deduct	*-50.26*	
		For Class 54 Rating, Add	*72.41*	
		For Class 55 Rating, Add	*109.64*	
		For Class 56 Rating, Add	*146.41*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	844.31	215.97
		For Class 52 Rating, Deduct	*-56.88*	
		For Class 54 Rating, Add	*81.49*	
		For Class 55 Rating, Add	*123.16*	
		For Class 56 Rating, Add	*164.32*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	908.91	218.88
		For Class 52 Rating, Deduct	*-63.50*	
		For Class 54 Rating, Add	*90.57*	
		For Class 55 Rating, Add	*136.69*	
		For Class 56 Rating, Add	*182.23*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	973.50	221.81
		For Class 52 Rating, Deduct	*-70.12*	
		For Class 54 Rating, Add	*99.65*	
		For Class 55 Rating, Add	*150.21*	
		For Class 56 Rating, Add	*200.14*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,038.09	224.73
		For Class 52 Rating, Deduct	*-76.74*	
		For Class 54 Rating, Add	*108.73*	
		For Class 55 Rating, Add	*163.74*	
		For Class 56 Rating, Add	*218.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,102.68	227.64
		For Class 52 Rating, Deduct	*-83.35*	
		For Class 54 Rating, Add	*117.80*	
		For Class 55 Rating, Add	*177.26*	
		For Class 56 Rating, Add	*235.96*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,167.27	230.56
		For Class 52 Rating, Deduct	*-89.97*	
		For Class 54 Rating, Add	*126.88*	
		For Class 55 Rating, Add	*190.78*	
		For Class 56 Rating, Add	*253.87*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,231.87	233.48
		For Class 52 Rating, Deduct	*-96.59*	
		For Class 54 Rating, Add	*135.96*	
		For Class 55 Rating, Add	*204.31*	
		For Class 56 Rating, Add	*271.78*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,296.46	236.40
		For Class 52 Rating, Deduct	*-103.21*	
		For Class 54 Rating, Add	*145.04*	
		For Class 55 Rating, Add	*217.83*	
		For Class 56 Rating, Add	*289.69*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,361.05	239.32
		For Class 52 Rating, Deduct	*-109.83*	
		For Class 54 Rating, Add	*154.12*	
		For Class 55 Rating, Add	*231.36*	
		For Class 56 Rating, Add	*307.60*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,425.64	242.24
		For Class 52 Rating, Deduct	*-116.45*	
		For Class 54 Rating, Add	*163.20*	
		For Class 55 Rating, Add	*244.88*	
		For Class 56 Rating, Add	*325.51*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,490.24	245.15
		For Class 52 Rating, Deduct	*-123.07*	
		For Class 54 Rating, Add	*172.28*	
		For Class 55 Rating, Add	*258.40*	
		For Class 56 Rating, Add	*343.42*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,554.83	248.07
		For Class 52 Rating, Deduct	*-129.69*	
		For Class 54 Rating, Add	*181.35*	
		For Class 55 Rating, Add	*271.93*	
		For Class 56 Rating, Add	*361.32*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,619.42	250.99
		For Class 52 Rating, Deduct	*-136.30*	
		For Class 54 Rating, Add	*190.43*	
		For Class 55 Rating, Add	*285.45*	
		For Class 56 Rating, Add	*379.23*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,684.01	253.91
		For Class 52 Rating, Deduct	*-142.92*	
		For Class 54 Rating, Add	*199.51*	
		For Class 55 Rating, Add	*298.98*	
		For Class 56 Rating, Add	*397.14*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,748.60	256.83
		For Class 52 Rating, Deduct	*-149.54*	
		For Class 54 Rating, Add	*208.59*	
		For Class 55 Rating, Add	*312.50*	
		For Class 56 Rating, Add	*415.05*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,813.20	259.74
		For Class 52 Rating, Deduct	*-156.16*	
		For Class 54 Rating, Add	*217.67*	
		For Class 55 Rating, Add	*326.03*	
		For Class 56 Rating, Add	*432.96*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,877.79	262.67
		For Class 52 Rating, Deduct	*-162.78*	
		For Class 54 Rating, Add	*226.75*	
		For Class 55 Rating, Add	*339.55*	
		For Class 56 Rating, Add	*450.87*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,942.38	265.59
		For Class 52 Rating, Deduct	*-169.40*	
		For Class 54 Rating, Add	*235.83*	
		For Class 55 Rating, Add	*353.07*	
		For Class 56 Rating, Add	*468.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,006.97	268.50
		For Class 52 Rating, Deduct	*-176.02*	
		For Class 54 Rating, Add	*244.90*	
		For Class 55 Rating, Add	*366.60*	
		For Class 56 Rating, Add	*486.69*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,071.56	271.42
		For Class 52 Rating, Deduct	*-182.64*	
		For Class 54 Rating, Add	*253.98*	
		For Class 55 Rating, Add	*380.12*	
		For Class 56 Rating, Add	*504.60*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,136.16	274.34
		For Class 52 Rating, Deduct	*-189.25*	
		For Class 54 Rating, Add	*263.06*	
		For Class 55 Rating, Add	*393.65*	
		For Class 56 Rating, Add	*522.51*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,200.75	277.26
		For Class 52 Rating, Deduct	*-195.87*	
		For Class 54 Rating, Add	*272.14*	
		For Class 55 Rating, Add	*407.17*	
		For Class 56 Rating, Add	*540.42*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,265.34	280.18
		For Class 52 Rating, Deduct	*-202.49*	
		For Class 54 Rating, Add	*281.22*	
		For Class 55 Rating, Add	*420.69*	
		For Class 56 Rating, Add	*558.33*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,329.93	283.09
		For Class 52 Rating, Deduct	*-209.11*	
		For Class 54 Rating, Add	*290.30*	
		For Class 55 Rating, Add	*434.22*	
		For Class 56 Rating, Add	*576.24*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,394.52	286.01
		For Class 52 Rating, Deduct	*-215.73*	
		For Class 54 Rating, Add	*299.38*	
		For Class 55 Rating, Add	*447.74*	
		For Class 56 Rating, Add	*594.15*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,459.12	288.94
		For Class 52 Rating, Deduct	*-222.35*	
		For Class 54 Rating, Add	*308.45*	
		For Class 55 Rating, Add	*461.27*	
		For Class 56 Rating, Add	*612.06*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,523.71	291.85
		For Class 52 Rating, Deduct	*-228.97*	
		For Class 54 Rating, Add	*317.53*	
		For Class 55 Rating, Add	*474.79*	
		For Class 56 Rating, Add	*629.96*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,588.30	294.77
		For Class 52 Rating, Deduct	*-235.58*	
		For Class 54 Rating, Add	*326.61*	
		For Class 55 Rating, Add	*488.31*	
		For Class 56 Rating, Add	*647.87*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,652.89	297.69
		For Class 52 Rating, Deduct	*-242.20*	
		For Class 54 Rating, Add	*335.69*	
		For Class 55 Rating, Add	*501.84*	
		For Class 56 Rating, Add	*665.78*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,717.48	300.60
		For Class 52 Rating, Deduct	*-248.82*	
		For Class 54 Rating, Add	*344.77*	
		For Class 55 Rating, Add	*515.36*	
		For Class 56 Rating, Add	*683.69*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,782.09	303.53
		For Class 52 Rating, Deduct	*-255.44*	
		For Class 54 Rating, Add	*353.85*	
		For Class 55 Rating, Add	*528.89*	
		For Class 56 Rating, Add	*701.61*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,846.68	306.44
		For Class 52 Rating, Deduct	*-262.06*	
		For Class 54 Rating, Add	*362.93*	
		For Class 55 Rating, Add	*542.41*	
		For Class 56 Rating, Add	*719.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,911.27	309.36
		For Class 52 Rating, Deduct	*-268.68*	
		For Class 54 Rating, Add	*372.01*	
		For Class 55 Rating, Add	*555.94*	
		For Class 56 Rating, Add	*737.42*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,975.86	312.28
		For Class 52 Rating, Deduct	*-275.30*	
		For Class 54 Rating, Add	*381.08*	
		For Class 55 Rating, Add	*569.46*	
		For Class 56 Rating, Add	*755.33*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,040.45	315.19
		For Class 52 Rating, Deduct	*-281.92*	
		For Class 54 Rating, Add	*390.16*	
		For Class 55 Rating, Add	*582.98*	
		For Class 56 Rating, Add	*773.24*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,105.05	318.12
		For Class 52 Rating, Deduct	*-288.54*	
		For Class 54 Rating, Add	*399.24*	
		For Class 55 Rating, Add	*596.51*	
		For Class 56 Rating, Add	*791.15*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,169.64	321.04
		For Class 52 Rating, Deduct	*-295.15*	
		For Class 54 Rating, Add	*408.32*	
		For Class 55 Rating, Add	*610.03*	
		For Class 56 Rating, Add	*809.06*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	985.96	268.50
		For Class 52 Rating, Deduct	*-63.71*	
		For Class 54 Rating, Add	*91.75*	
		For Class 55 Rating, Add	*138.91*	
		For Class 56 Rating, Add	*185.49*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,073.11	271.42
		For Class 52 Rating, Deduct	*-72.81*	
		For Class 54 Rating, Add	*104.22*	
		For Class 55 Rating, Add	*157.47*	
		For Class 56 Rating, Add	*210.06*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,160.28	274.34
		For Class 52 Rating, Deduct	*-81.91*	
		For Class 54 Rating, Add	*116.68*	
		For Class 55 Rating, Add	*176.02*	
		For Class 56 Rating, Add	*234.62*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,247.43	277.26
		For Class 52 Rating, Deduct	*-91.01*	
		For Class 54 Rating, Add	*129.14*	
		For Class 55 Rating, Add	*194.58*	
		For Class 56 Rating, Add	*259.19*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,334.58	280.18
		For Class 52 Rating, Deduct	*-100.11*	
		For Class 54 Rating, Add	*141.60*	
		For Class 55 Rating, Add	*213.13*	
		For Class 56 Rating, Add	*283.75*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,421.74	283.09
		For Class 52 Rating, Deduct	*-109.21*	
		For Class 54 Rating, Add	*154.07*	
		For Class 55 Rating, Add	*231.69*	
		For Class 56 Rating, Add	*308.32*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,508.89	286.01
		For Class 52 Rating, Deduct	*-118.31*	
		For Class 54 Rating, Add	*166.53*	
		For Class 55 Rating, Add	*250.25*	
		For Class 56 Rating, Add	*332.88*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,596.06	288.94
		For Class 52 Rating, Deduct	*-127.41*	
		For Class 54 Rating, Add	*179.00*	
		For Class 55 Rating, Add	*268.80*	
		For Class 56 Rating, Add	*357.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,683.21	291.85
		For Class 52 Rating, Deduct	*-136.51*	
		For Class 54 Rating, Add	*191.46*	
		For Class 55 Rating, Add	*287.36*	
		For Class 56 Rating, Add	*382.02*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,770.37	294.77
		For Class 52 Rating, Deduct	*-145.61*	
		For Class 54 Rating, Add	*203.92*	
		For Class 55 Rating, Add	*305.92*	
		For Class 56 Rating, Add	*406.58*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,857.52	297.69
		For Class 52 Rating, Deduct	*-154.71*	
		For Class 54 Rating, Add	*216.38*	
		For Class 55 Rating, Add	*324.47*	
		For Class 56 Rating, Add	*431.15*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,944.67	300.60
		For Class 52 Rating, Deduct	*-163.81*	
		For Class 54 Rating, Add	*228.85*	
		For Class 55 Rating, Add	*343.02*	
		For Class 56 Rating, Add	*455.71*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,031.84	303.53
		For Class 52 Rating, Deduct	*-172.91*	
		For Class 54 Rating, Add	*241.31*	
		For Class 55 Rating, Add	*361.58*	
		For Class 56 Rating, Add	*480.28*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,118.99	306.44
		For Class 52 Rating, Deduct	*-182.01*	
		For Class 54 Rating, Add	*253.77*	
		For Class 55 Rating, Add	*380.14*	
		For Class 56 Rating, Add	*504.85*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,206.15	309.36
		For Class 52 Rating, Deduct	*-191.12*	
		For Class 54 Rating, Add	*266.24*	
		For Class 55 Rating, Add	*398.69*	
		For Class 56 Rating, Add	*529.41*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,293.30	312.28
		For Class 52 Rating, Deduct	*-200.22*	
		For Class 54 Rating, Add	*278.70*	
		For Class 55 Rating, Add	*417.25*	
		For Class 56 Rating, Add	*553.98*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,380.45	315.19
		For Class 52 Rating, Deduct	*-209.32*	
		For Class 54 Rating, Add	*291.16*	
		For Class 55 Rating, Add	*435.80*	
		For Class 56 Rating, Add	*578.54*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,467.62	318.12
		For Class 52 Rating, Deduct	*-218.42*	
		For Class 54 Rating, Add	*303.63*	
		For Class 55 Rating, Add	*454.36*	
		For Class 56 Rating, Add	*603.11*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,554.77	321.04
		For Class 52 Rating, Deduct	*-227.52*	
		For Class 54 Rating, Add	*316.09*	
		For Class 55 Rating, Add	*472.92*	
		For Class 56 Rating, Add	*627.67*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,641.93	323.95
		For Class 52 Rating, Deduct	*-236.62*	
		For Class 54 Rating, Add	*328.55*	
		For Class 55 Rating, Add	*491.47*	
		For Class 56 Rating, Add	*652.24*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,729.08	326.87
		For Class 52 Rating, Deduct	*-245.72*	
		For Class 54 Rating, Add	*341.02*	
		For Class 55 Rating, Add	*510.03*	
		For Class 56 Rating, Add	*676.81*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,816.24	329.80
		For Class 52 Rating, Deduct	*-254.82*	
		For Class 54 Rating, Add	*353.48*	
		For Class 55 Rating, Add	*528.58*	
		For Class 56 Rating, Add	*701.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,903.40	332.71
		For Class 52 Rating, Deduct	*-263.92*	
		For Class 54 Rating, Add	*365.94*	
		For Class 55 Rating, Add	*547.14*	
		For Class 56 Rating, Add	*725.94*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,990.55	335.63
		For Class 52 Rating, Deduct	*-273.02*	
		For Class 54 Rating, Add	*378.41*	
		For Class 55 Rating, Add	*565.70*	
		For Class 56 Rating, Add	*750.50*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,077.71	338.54
		For Class 52 Rating, Deduct	*-282.12*	
		For Class 54 Rating, Add	*390.87*	
		For Class 55 Rating, Add	*584.25*	
		For Class 56 Rating, Add	*775.07*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,164.86	341.46
		For Class 52 Rating, Deduct	*-291.22*	
		For Class 54 Rating, Add	*403.33*	
		For Class 55 Rating, Add	*602.81*	
		For Class 56 Rating, Add	*799.63*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,252.02	344.39
		For Class 52 Rating, Deduct	*-300.32*	
		For Class 54 Rating, Add	*415.79*	
		For Class 55 Rating, Add	*621.36*	
		For Class 56 Rating, Add	*824.20*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,339.18	347.30
		For Class 52 Rating, Deduct	*-309.43*	
		For Class 54 Rating, Add	*428.26*	
		For Class 55 Rating, Add	*639.92*	
		For Class 56 Rating, Add	*848.77*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,426.33	350.22
		For Class 52 Rating, Deduct	*-318.53*	
		For Class 54 Rating, Add	*440.72*	
		For Class 55 Rating, Add	*658.47*	
		For Class 56 Rating, Add	*873.33*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,513.49	353.14
		For Class 52 Rating, Deduct	*-327.63*	
		For Class 54 Rating, Add	*453.19*	
		For Class 55 Rating, Add	*677.03*	
		For Class 56 Rating, Add	*897.90*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,600.64	356.06
		For Class 52 Rating, Deduct	*-336.73*	
		For Class 54 Rating, Add	*465.65*	
		For Class 55 Rating, Add	*695.59*	
		For Class 56 Rating, Add	*922.46*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,687.81	358.98
		For Class 52 Rating, Deduct	*-345.83*	
		For Class 54 Rating, Add	*478.11*	
		For Class 55 Rating, Add	*714.14*	
		For Class 56 Rating, Add	*947.03*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,774.96	361.89
		For Class 52 Rating, Deduct	*-354.93*	
		For Class 54 Rating, Add	*490.57*	
		For Class 55 Rating, Add	*732.70*	
		For Class 56 Rating, Add	*971.60*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,862.11	364.81
		For Class 52 Rating, Deduct	*-364.03*	
		For Class 54 Rating, Add	*503.04*	
		For Class 55 Rating, Add	*751.25*	
		For Class 56 Rating, Add	*996.16*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,949.27	367.73
		For Class 52 Rating, Deduct	*-373.13*	
		For Class 54 Rating, Add	*515.50*	
		For Class 55 Rating, Add	*769.81*	
		For Class 56 Rating, Add	*1,020.73*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,036.42	370.65
		For Class 52 Rating, Deduct	*-382.23*	
		For Class 54 Rating, Add	*527.96*	
		For Class 55 Rating, Add	*788.37*	
		For Class 56 Rating, Add	*1,045.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,123.59	373.57
		For Class 52 Rating, Deduct	*-391.33*	
		For Class 54 Rating, Add	*540.43*	
		For Class 55 Rating, Add	*806.92*	
		For Class 56 Rating, Add	*1,069.86*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,210.74	376.49
		For Class 52 Rating, Deduct	*-400.43*	
		For Class 54 Rating, Add	*552.89*	
		For Class 55 Rating, Add	*825.48*	
		For Class 56 Rating, Add	*1,094.42*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,297.89	379.40
		For Class 52 Rating, Deduct	*-409.53*	
		For Class 54 Rating, Add	*565.35*	
		For Class 55 Rating, Add	*844.03*	
		For Class 56 Rating, Add	*1,118.99*	
40 05 19 00-0675		10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,236.11	326.87
		For Class 52 Rating, Deduct	*-81.49*	
		For Class 54 Rating, Add	*117.07*	
		For Class 55 Rating, Add	*177.10*	
		For Class 56 Rating, Add	*236.38*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,349.59	329.80
		For Class 52 Rating, Deduct	*-93.49*	
		For Class 54 Rating, Add	*133.48*	
		For Class 55 Rating, Add	*201.52*	
		For Class 56 Rating, Add	*268.71*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,463.07	332.71
		For Class 52 Rating, Deduct	*-105.49*	
		For Class 54 Rating, Add	*149.89*	
		For Class 55 Rating, Add	*225.95*	
		For Class 56 Rating, Add	*301.04*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,576.55	335.63
		For Class 52 Rating, Deduct	*-117.48*	
		For Class 54 Rating, Add	*166.31*	
		For Class 55 Rating, Add	*250.37*	
		For Class 56 Rating, Add	*333.37*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,690.03	338.54
		For Class 52 Rating, Deduct	*-129.48*	
		For Class 54 Rating, Add	*182.72*	
		For Class 55 Rating, Add	*274.80*	
		For Class 56 Rating, Add	*365.70*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,803.51	341.46
		For Class 52 Rating, Deduct	*-141.48*	
		For Class 54 Rating, Add	*199.13*	
		For Class 55 Rating, Add	*299.23*	
		For Class 56 Rating, Add	*398.04*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,917.00	344.39
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*215.54*	
		For Class 55 Rating, Add	*323.65*	
		For Class 56 Rating, Add	*430.37*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,030.48	347.30
		For Class 52 Rating, Deduct	*-165.47*	
		For Class 54 Rating, Add	*231.95*	
		For Class 55 Rating, Add	*348.08*	
		For Class 56 Rating, Add	*462.70*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,143.95	350.22
		For Class 52 Rating, Deduct	*-177.46*	
		For Class 54 Rating, Add	*248.36*	
		For Class 55 Rating, Add	*372.50*	
		For Class 56 Rating, Add	*495.03*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,257.43	353.14
		For Class 52 Rating, Deduct	*-189.46*	
		For Class 54 Rating, Add	*264.78*	
		For Class 55 Rating, Add	*396.93*	
		For Class 56 Rating, Add	*527.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,370.91	356.06
		For Class 52 Rating, Deduct	*-201.46*	
		For Class 54 Rating, Add	*281.19*	
		For Class 55 Rating, Add	*421.36*	
		For Class 56 Rating, Add	*559.69*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,484.40	358.98
		For Class 52 Rating, Deduct	*-213.45*	
		For Class 54 Rating, Add	*297.60*	
		For Class 55 Rating, Add	*445.78*	
		For Class 56 Rating, Add	*592.03*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,597.88	361.89
		For Class 52 Rating, Deduct	*-225.45*	
		For Class 54 Rating, Add	*314.01*	
		For Class 55 Rating, Add	*470.21*	
		For Class 56 Rating, Add	*624.36*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,711.36	364.81
		For Class 52 Rating, Deduct	*-237.45*	
		For Class 54 Rating, Add	*330.42*	
		For Class 55 Rating, Add	*494.64*	
		For Class 56 Rating, Add	*656.69*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.84	367.73
		For Class 52 Rating, Deduct	*-249.44*	
		For Class 54 Rating, Add	*346.84*	
		For Class 55 Rating, Add	*519.06*	
		For Class 56 Rating, Add	*689.02*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,938.31	370.65
		For Class 52 Rating, Deduct	*-261.44*	
		For Class 54 Rating, Add	*363.25*	
		For Class 55 Rating, Add	*543.49*	
		For Class 56 Rating, Add	*721.35*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,051.80	373.57
		For Class 52 Rating, Deduct	*-273.44*	
		For Class 54 Rating, Add	*379.66*	
		For Class 55 Rating, Add	*567.91*	
		For Class 56 Rating, Add	*753.68*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,165.28	376.49
		For Class 52 Rating, Deduct	*-285.43*	
		For Class 54 Rating, Add	*396.07*	
		For Class 55 Rating, Add	*592.34*	
		For Class 56 Rating, Add	*786.01*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,278.76	379.40
		For Class 52 Rating, Deduct	*-297.43*	
		For Class 54 Rating, Add	*412.48*	
		For Class 55 Rating, Add	*616.77*	
		For Class 56 Rating, Add	*818.35*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,392.24	382.32
		For Class 52 Rating, Deduct	*-309.43*	
		For Class 54 Rating, Add	*428.90*	
		For Class 55 Rating, Add	*641.19*	
		For Class 56 Rating, Add	*850.68*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,505.73	385.25
		For Class 52 Rating, Deduct	*-321.42*	
		For Class 54 Rating, Add	*445.31*	
		For Class 55 Rating, Add	*665.62*	
		For Class 56 Rating, Add	*883.01*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,619.21	388.16
		For Class 52 Rating, Deduct	*-333.42*	
		For Class 54 Rating, Add	*461.72*	
		For Class 55 Rating, Add	*690.05*	
		For Class 56 Rating, Add	*915.34*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,732.68	391.08
		For Class 52 Rating, Deduct	*-345.41*	
		For Class 54 Rating, Add	*478.13*	
		For Class 55 Rating, Add	*714.47*	
		For Class 56 Rating, Add	*947.67*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,846.16	393.99
		For Class 52 Rating, Deduct	*-357.41*	
		For Class 54 Rating, Add	*494.54*	
		For Class 55 Rating, Add	*738.90*	
		For Class 56 Rating, Add	*980.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,959.64	396.92
		For Class 52 Rating, Deduct	*-369.41*	
		For Class 54 Rating, Add	*510.95*	
		For Class 55 Rating, Add	*763.32*	
		For Class 56 Rating, Add	*1,012.33*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.13	399.84
		For Class 52 Rating, Deduct	*-381.40*	
		For Class 54 Rating, Add	*527.37*	
		For Class 55 Rating, Add	*787.75*	
		For Class 56 Rating, Add	*1,044.67*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,186.61	402.75
		For Class 52 Rating, Deduct	*-393.40*	
		For Class 54 Rating, Add	*543.78*	
		For Class 55 Rating, Add	*812.16*	
		For Class 56 Rating, Add	*1,077.00*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,300.09	405.67
		For Class 52 Rating, Deduct	*-405.40*	
		For Class 54 Rating, Add	*560.19*	
		For Class 55 Rating, Add	*836.60*	
		For Class 56 Rating, Add	*1,109.33*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,413.57	408.59
		For Class 52 Rating, Deduct	*-417.39*	
		For Class 54 Rating, Add	*576.60*	
		For Class 55 Rating, Add	*861.03*	
		For Class 56 Rating, Add	*1,141.66*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,527.04	411.51
		For Class 52 Rating, Deduct	*-429.39*	
		For Class 54 Rating, Add	*593.01*	
		For Class 55 Rating, Add	*885.45*	
		For Class 56 Rating, Add	*1,173.99*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,640.53	414.43
		For Class 52 Rating, Deduct	*-441.39*	
		For Class 54 Rating, Add	*609.43*	
		For Class 55 Rating, Add	*909.88*	
		For Class 56 Rating, Add	*1,206.32*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,754.01	417.35
		For Class 52 Rating, Deduct	*-453.38*	
		For Class 54 Rating, Add	*625.84*	
		For Class 55 Rating, Add	*934.31*	
		For Class 56 Rating, Add	*1,238.65*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,867.48	420.26
		For Class 52 Rating, Deduct	*-465.38*	
		For Class 54 Rating, Add	*642.25*	
		For Class 55 Rating, Add	*958.73*	
		For Class 56 Rating, Add	*1,270.99*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,980.96	423.19
		For Class 52 Rating, Deduct	*-477.38*	
		For Class 54 Rating, Add	*658.66*	
		For Class 55 Rating, Add	*983.16*	
		For Class 56 Rating, Add	*1,303.32*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,094.44	426.10
		For Class 52 Rating, Deduct	*-489.37*	
		For Class 54 Rating, Add	*675.07*	
		For Class 55 Rating, Add	*1,007.59*	
		For Class 56 Rating, Add	*1,335.65*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,207.93	429.02
		For Class 52 Rating, Deduct	*-501.37*	
		For Class 54 Rating, Add	*691.49*	
		For Class 55 Rating, Add	*1,032.01*	
		For Class 56 Rating, Add	*1,367.98*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,321.40	431.94
		For Class 52 Rating, Deduct	*-513.36*	
		For Class 54 Rating, Add	*707.90*	
		For Class 55 Rating, Add	*1,056.44*	
		For Class 56 Rating, Add	*1,400.31*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,434.88	434.85
		For Class 52 Rating, Deduct	*-525.36*	
		For Class 54 Rating, Add	*724.31*	
		For Class 55 Rating, Add	*1,080.86*	
		For Class 56 Rating, Add	*1,432.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,548.36	437.78
		For Class 52 Rating, Deduct	*-537.36*	
		For Class 54 Rating, Add	*740.72*	
		For Class 55 Rating, Add	*1,105.29*	
		For Class 56 Rating, Add	*1,464.97*	
40 05 19 00-0715		**12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0554)*		
40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,600.61	408.59
		For Class 52 Rating, Deduct	*-107.97*	
		For Class 54 Rating, Add	*154.66*	
		For Class 55 Rating, Add	*233.74*	
		For Class 56 Rating, Add	*311.84*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,742.29	411.51
		For Class 52 Rating, Deduct	*-123.07*	
		For Class 54 Rating, Add	*175.30*	
		For Class 55 Rating, Add	*264.45*	
		For Class 56 Rating, Add	*352.49*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,883.98	414.43
		For Class 52 Rating, Deduct	*-138.17*	
		For Class 54 Rating, Add	*195.94*	
		For Class 55 Rating, Add	*295.17*	
		For Class 56 Rating, Add	*393.14*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,025.67	417.35
		For Class 52 Rating, Deduct	*-153.27*	
		For Class 54 Rating, Add	*216.59*	
		For Class 55 Rating, Add	*325.89*	
		For Class 56 Rating, Add	*433.79*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,167.34	420.26
		For Class 52 Rating, Deduct	*-168.36*	
		For Class 54 Rating, Add	*237.23*	
		For Class 55 Rating, Add	*356.60*	
		For Class 56 Rating, Add	*474.44*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,309.02	423.19
		For Class 52 Rating, Deduct	*-183.46*	
		For Class 54 Rating, Add	*257.87*	
		For Class 55 Rating, Add	*387.32*	
		For Class 56 Rating, Add	*515.10*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,450.71	426.10
		For Class 52 Rating, Deduct	*-198.56*	
		For Class 54 Rating, Add	*278.51*	
		For Class 55 Rating, Add	*418.03*	
		For Class 56 Rating, Add	*555.75*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,592.40	429.02
		For Class 52 Rating, Deduct	*-213.66*	
		For Class 54 Rating, Add	*299.16*	
		For Class 55 Rating, Add	*448.75*	
		For Class 56 Rating, Add	*596.40*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,734.08	431.94
		For Class 52 Rating, Deduct	*-228.76*	
		For Class 54 Rating, Add	*319.80*	
		For Class 55 Rating, Add	*479.46*	
		For Class 56 Rating, Add	*637.05*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,875.77	434.85
		For Class 52 Rating, Deduct	*-243.86*	
		For Class 54 Rating, Add	*340.44*	
		For Class 55 Rating, Add	*510.18*	
		For Class 56 Rating, Add	*677.70*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,017.45	437.78
		For Class 52 Rating, Deduct	*-258.96*	
		For Class 54 Rating, Add	*361.08*	
		For Class 55 Rating, Add	*540.90*	
		For Class 56 Rating, Add	*718.36*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,159.13	440.70
		For Class 52 Rating, Deduct	*-274.06*	
		For Class 54 Rating, Add	*381.73*	
		For Class 55 Rating, Add	*571.61*	
		For Class 56 Rating, Add	*759.01*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,300.83	443.61
		For Class 52 Rating, Deduct	*-289.16*	
		For Class 54 Rating, Add	*402.37*	
		For Class 55 Rating, Add	*602.33*	
		For Class 56 Rating, Add	*799.66*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,442.51	446.53
		For Class 52 Rating, Deduct	*-304.25*	
		For Class 54 Rating, Add	*423.01*	
		For Class 55 Rating, Add	*633.04*	
		For Class 56 Rating, Add	*840.31*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,584.19	449.45
		For Class 52 Rating, Deduct	*-319.35*	
		For Class 54 Rating, Add	*443.65*	
		For Class 55 Rating, Add	*663.76*	
		For Class 56 Rating, Add	*880.96*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,725.88	452.37
		For Class 52 Rating, Deduct	*-334.45*	
		For Class 54 Rating, Add	*464.30*	
		For Class 55 Rating, Add	*694.48*	
		For Class 56 Rating, Add	*921.62*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,867.56	455.29
		For Class 52 Rating, Deduct	*-349.55*	
		For Class 54 Rating, Add	*484.94*	
		For Class 55 Rating, Add	*725.19*	
		For Class 56 Rating, Add	*962.27*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,009.25	458.20
		For Class 52 Rating, Deduct	*-364.65*	
		For Class 54 Rating, Add	*505.58*	
		For Class 55 Rating, Add	*755.91*	
		For Class 56 Rating, Add	*1,002.92*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,150.94	461.12
		For Class 52 Rating, Deduct	*-379.75*	
		For Class 54 Rating, Add	*526.22*	
		For Class 55 Rating, Add	*786.62*	
		For Class 56 Rating, Add	*1,043.57*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,292.62	464.05
		For Class 52 Rating, Deduct	*-394.85*	
		For Class 54 Rating, Add	*546.87*	
		For Class 55 Rating, Add	*817.34*	
		For Class 56 Rating, Add	*1,084.22*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,434.30	466.96
		For Class 52 Rating, Deduct	*-409.95*	
		For Class 54 Rating, Add	*567.51*	
		For Class 55 Rating, Add	*848.05*	
		For Class 56 Rating, Add	*1,124.87*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,576.00	469.88
		For Class 52 Rating, Deduct	*-425.05*	
		For Class 54 Rating, Add	*588.15*	
		For Class 55 Rating, Add	*878.77*	
		For Class 56 Rating, Add	*1,165.53*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,717.68	472.80
		For Class 52 Rating, Deduct	*-440.15*	
		For Class 54 Rating, Add	*608.79*	
		For Class 55 Rating, Add	*909.49*	
		For Class 56 Rating, Add	*1,206.18*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,859.36	475.71
		For Class 52 Rating, Deduct	*-455.24*	
		For Class 54 Rating, Add	*629.44*	
		For Class 55 Rating, Add	*940.20*	
		For Class 56 Rating, Add	*1,246.83*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,001.05	478.64
		For Class 52 Rating, Deduct	*-470.34*	
		For Class 54 Rating, Add	*650.08*	
		For Class 55 Rating, Add	*970.92*	
		For Class 56 Rating, Add	*1,287.48*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,142.73	481.55
		For Class 52 Rating, Deduct	*-485.44*	
		For Class 54 Rating, Add	*670.72*	
		For Class 55 Rating, Add	*1,001.63*	
		For Class 56 Rating, Add	*1,328.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,284.42	484.47
		For Class 52 Rating, Deduct	*-500.54*	
		For Class 54 Rating, Add	*691.36*	
		For Class 55 Rating, Add	*1,032.35*	
		For Class 56 Rating, Add	*1,368.78*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,426.11	487.39
		For Class 52 Rating, Deduct	*-515.64*	
		For Class 54 Rating, Add	*712.01*	
		For Class 55 Rating, Add	*1,063.07*	
		For Class 56 Rating, Add	*1,409.44*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,567.79	490.31
		For Class 52 Rating, Deduct	*-530.74*	
		For Class 54 Rating, Add	*732.65*	
		For Class 55 Rating, Add	*1,093.78*	
		For Class 56 Rating, Add	*1,450.09*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,709.47	493.23
		For Class 52 Rating, Deduct	*-545.84*	
		For Class 54 Rating, Add	*753.29*	
		For Class 55 Rating, Add	*1,124.50*	
		For Class 56 Rating, Add	*1,490.74*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,851.16	496.15
		For Class 52 Rating, Deduct	*-560.94*	
		For Class 54 Rating, Add	*773.94*	
		For Class 55 Rating, Add	*1,155.21*	
		For Class 56 Rating, Add	*1,531.39*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,992.85	499.06
		For Class 52 Rating, Deduct	*-576.04*	
		For Class 54 Rating, Add	*794.58*	
		For Class 55 Rating, Add	*1,185.93*	
		For Class 56 Rating, Add	*1,572.05*	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,134.53	501.98
		For Class 52 Rating, Deduct	*-591.13*	
		For Class 54 Rating, Add	*815.22*	
		For Class 55 Rating, Add	*1,216.64*	
		For Class 56 Rating, Add	*1,612.70*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,276.22	504.91
		For Class 52 Rating, Deduct	*-606.23*	
		For Class 54 Rating, Add	*835.86*	
		For Class 55 Rating, Add	*1,247.36*	
		For Class 56 Rating, Add	*1,653.35*	
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,417.90	507.82
		For Class 52 Rating, Deduct	*-621.33*	
		For Class 54 Rating, Add	*856.51*	
		For Class 55 Rating, Add	*1,278.08*	
		For Class 56 Rating, Add	*1,694.00*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,559.58	510.74
		For Class 52 Rating, Deduct	*-636.43*	
		For Class 54 Rating, Add	*877.15*	
		For Class 55 Rating, Add	*1,308.79*	
		For Class 56 Rating, Add	*1,734.65*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,701.28	513.65
		For Class 52 Rating, Deduct	*-651.53*	
		For Class 54 Rating, Add	*897.79*	
		For Class 55 Rating, Add	*1,339.51*	
		For Class 56 Rating, Add	*1,775.31*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,842.96	516.57
		For Class 52 Rating, Deduct	*-666.63*	
		For Class 54 Rating, Add	*918.43*	
		For Class 55 Rating, Add	*1,370.22*	
		For Class 56 Rating, Add	*1,815.96*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,984.64	519.50
		For Class 52 Rating, Deduct	*-681.73*	
		For Class 54 Rating, Add	*939.07*	
		For Class 55 Rating, Add	*1,400.94*	
		For Class 56 Rating, Add	*1,856.61*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,209.54	490.31
		For Class 52 Rating, Deduct	*-161.33*	
		For Class 54 Rating, Add	*228.91*	
		For Class 55 Rating, Add	*344.89*	
		For Class 56 Rating, Add	*459.41*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,381.31	493.23
		For Class 52 Rating, Deduct	*-179.74*	
		For Class 54 Rating, Add	*254.07*	
		For Class 55 Rating, Add	*382.32*	
		For Class 56 Rating, Add	*508.93*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,553.08	496.15
		For Class 52 Rating, Deduct	*-198.15*	
		For Class 54 Rating, Add	*279.22*	
		For Class 55 Rating, Add	*419.74*	
		For Class 56 Rating, Add	*558.46*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,724.86	499.06
		For Class 52 Rating, Deduct	*-216.56*	
		For Class 54 Rating, Add	*304.38*	
		For Class 55 Rating, Add	*457.17*	
		For Class 56 Rating, Add	*607.99*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,896.62	501.98
		For Class 52 Rating, Deduct	*-234.96*	
		For Class 54 Rating, Add	*329.53*	
		For Class 55 Rating, Add	*494.59*	
		For Class 56 Rating, Add	*657.51*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,068.39	504.91
		For Class 52 Rating, Deduct	*-253.37*	
		For Class 54 Rating, Add	*354.69*	
		For Class 55 Rating, Add	*532.02*	
		For Class 56 Rating, Add	*707.04*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,240.16	507.82
		For Class 52 Rating, Deduct	*-271.78*	
		For Class 54 Rating, Add	*379.84*	
		For Class 55 Rating, Add	*569.44*	
		For Class 56 Rating, Add	*756.57*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,411.93	510.74
		For Class 52 Rating, Deduct	*-290.19*	
		For Class 54 Rating, Add	*405.00*	
		For Class 55 Rating, Add	*606.87*	
		For Class 56 Rating, Add	*806.09*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,583.71	513.65
		For Class 52 Rating, Deduct	*-308.60*	
		For Class 54 Rating, Add	*430.16*	
		For Class 55 Rating, Add	*644.29*	
		For Class 56 Rating, Add	*855.62*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,755.48	516.57
		For Class 52 Rating, Deduct	*-327.01*	
		For Class 54 Rating, Add	*455.31*	
		For Class 55 Rating, Add	*681.72*	
		For Class 56 Rating, Add	*905.15*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,927.24	519.50
		For Class 52 Rating, Deduct	*-345.41*	
		For Class 54 Rating, Add	*480.46*	
		For Class 55 Rating, Add	*719.14*	
		For Class 56 Rating, Add	*954.67*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,099.01	522.41
		For Class 52 Rating, Deduct	*-363.82*	
		For Class 54 Rating, Add	*505.62*	
		For Class 55 Rating, Add	*756.56*	
		For Class 56 Rating, Add	*1,004.20*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,270.79	525.33
		For Class 52 Rating, Deduct	*-382.23*	
		For Class 54 Rating, Add	*530.78*	
		For Class 55 Rating, Add	*793.99*	
		For Class 56 Rating, Add	*1,053.73*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,442.56	528.25
		For Class 52 Rating, Deduct	*-400.64*	
		For Class 54 Rating, Add	*555.93*	
		For Class 55 Rating, Add	*831.42*	
		For Class 56 Rating, Add	*1,103.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,614.33	531.17
		For Class 52 Rating, Deduct	*-419.05*	
		For Class 54 Rating, Add	*581.09*	
		For Class 55 Rating, Add	*868.84*	
		For Class 56 Rating, Add	*1,152.78*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,786.10	534.09
		For Class 52 Rating, Deduct	*-437.46*	
		For Class 54 Rating, Add	*606.24*	
		For Class 55 Rating, Add	*906.27*	
		For Class 56 Rating, Add	*1,202.31*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,957.87	537.00
		For Class 52 Rating, Deduct	*-455.87*	
		For Class 54 Rating, Add	*631.40*	
		For Class 55 Rating, Add	*943.69*	
		For Class 56 Rating, Add	*1,251.84*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,129.64	539.92
		For Class 52 Rating, Deduct	*-474.27*	
		For Class 54 Rating, Add	*656.55*	
		For Class 55 Rating, Add	*981.11*	
		For Class 56 Rating, Add	*1,301.36*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,301.41	542.84
		For Class 52 Rating, Deduct	*-492.68*	
		For Class 54 Rating, Add	*681.71*	
		For Class 55 Rating, Add	*1,018.54*	
		For Class 56 Rating, Add	*1,350.89*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,473.18	545.76
		For Class 52 Rating, Deduct	*-511.09*	
		For Class 54 Rating, Add	*706.86*	
		For Class 55 Rating, Add	*1,055.96*	
		For Class 56 Rating, Add	*1,400.42*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,644.95	548.68
		For Class 52 Rating, Deduct	*-529.50*	
		For Class 54 Rating, Add	*732.02*	
		For Class 55 Rating, Add	*1,093.39*	
		For Class 56 Rating, Add	*1,449.95*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,816.72	551.60
		For Class 52 Rating, Deduct	*-547.91*	
		For Class 54 Rating, Add	*757.17*	
		For Class 55 Rating, Add	*1,130.81*	
		For Class 56 Rating, Add	*1,499.47*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,988.50	554.51
		For Class 52 Rating, Deduct	*-566.32*	
		For Class 54 Rating, Add	*782.33*	
		For Class 55 Rating, Add	*1,168.24*	
		For Class 56 Rating, Add	*1,549.00*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,160.26	557.44
		For Class 52 Rating, Deduct	*-584.72*	
		For Class 54 Rating, Add	*807.48*	
		For Class 55 Rating, Add	*1,205.66*	
		For Class 56 Rating, Add	*1,598.53*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,332.03	560.36
		For Class 52 Rating, Deduct	*-603.13*	
		For Class 54 Rating, Add	*832.64*	
		For Class 55 Rating, Add	*1,243.09*	
		For Class 56 Rating, Add	*1,648.05*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,503.80	563.27
		For Class 52 Rating, Deduct	*-621.54*	
		For Class 54 Rating, Add	*857.80*	
		For Class 55 Rating, Add	*1,280.51*	
		For Class 56 Rating, Add	*1,697.58*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,675.57	566.19
		For Class 52 Rating, Deduct	*-639.95*	
		For Class 54 Rating, Add	*882.95*	
		For Class 55 Rating, Add	*1,317.94*	
		For Class 56 Rating, Add	*1,747.11*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,847.35	569.10
		For Class 52 Rating, Deduct	*-658.36*	
		For Class 54 Rating, Add	*908.11*	
		For Class 55 Rating, Add	*1,355.36*	
		For Class 56 Rating, Add	*1,796.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,019.12	572.03
		For Class 52 Rating, Deduct	*-676.77*	
		For Class 54 Rating, Add	*933.26*	
		For Class 55 Rating, Add	*1,392.79*	
		For Class 56 Rating, Add	*1,846.16*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,190.89	574.95
		For Class 52 Rating, Deduct	*-695.17*	
		For Class 54 Rating, Add	*958.42*	
		For Class 55 Rating, Add	*1,430.21*	
		For Class 56 Rating, Add	*1,895.69*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,362.65	577.86
		For Class 52 Rating, Deduct	*-713.58*	
		For Class 54 Rating, Add	*983.57*	
		For Class 55 Rating, Add	*1,467.64*	
		For Class 56 Rating, Add	*1,945.21*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,534.42	580.78
		For Class 52 Rating, Deduct	*-731.99*	
		For Class 54 Rating, Add	*1,008.73*	
		For Class 55 Rating, Add	*1,505.06*	
		For Class 56 Rating, Add	*1,994.74*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,706.20	583.71
		For Class 52 Rating, Deduct	*-750.40*	
		For Class 54 Rating, Add	*1,033.88*	
		For Class 55 Rating, Add	*1,542.49*	
		For Class 56 Rating, Add	*2,044.27*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,877.97	586.62
		For Class 52 Rating, Deduct	*-768.81*	
		For Class 54 Rating, Add	*1,059.04*	
		For Class 55 Rating, Add	*1,579.91*	
		For Class 56 Rating, Add	*2,093.80*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,049.74	589.54
		For Class 52 Rating, Deduct	*-787.22*	
		For Class 54 Rating, Add	*1,084.19*	
		For Class 55 Rating, Add	*1,617.34*	
		For Class 56 Rating, Add	*2,143.32*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,221.51	592.46
		For Class 52 Rating, Deduct	*-805.62*	
		For Class 54 Rating, Add	*1,109.35*	
		For Class 55 Rating, Add	*1,654.76*	
		For Class 56 Rating, Add	*2,192.85*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,393.27	595.37
		For Class 52 Rating, Deduct	*-824.03*	
		For Class 54 Rating, Add	*1,134.50*	
		For Class 55 Rating, Add	*1,692.19*	
		For Class 56 Rating, Add	*2,242.38*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,565.05	598.30
		For Class 52 Rating, Deduct	*-842.44*	
		For Class 54 Rating, Add	*1,159.66*	
		For Class 55 Rating, Add	*1,729.61*	
		For Class 56 Rating, Add	*2,291.90*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,584.56	560.36
		For Class 52 Rating, Deduct	*-190.91*	
		For Class 54 Rating, Add	*270.52*	
		For Class 55 Rating, Add	*407.40*	
		For Class 56 Rating, Add	*542.55*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,784.53	563.27
		For Class 52 Rating, Deduct	*-212.42*	
		For Class 54 Rating, Add	*299.90*	
		For Class 55 Rating, Add	*451.12*	
		For Class 56 Rating, Add	*600.40*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,984.50	566.19
		For Class 52 Rating, Deduct	*-233.93*	
		For Class 54 Rating, Add	*329.29*	
		For Class 55 Rating, Add	*494.83*	
		For Class 56 Rating, Add	*658.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,184.49	569.10
		For Class 52 Rating, Deduct	*-255.44*	
		For Class 54 Rating, Add	*358.68*	
		For Class 55 Rating, Add	*538.55*	
		For Class 56 Rating, Add	*716.09*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,384.46	572.03
		For Class 52 Rating, Deduct	*-276.95*	
		For Class 54 Rating, Add	*388.06*	
		For Class 55 Rating, Add	*582.26*	
		For Class 56 Rating, Add	*773.94*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,584.43	574.95
		For Class 52 Rating, Deduct	*-298.46*	
		For Class 54 Rating, Add	*417.45*	
		For Class 55 Rating, Add	*625.97*	
		For Class 56 Rating, Add	*881.78*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,784.41	577.86
		For Class 52 Rating, Deduct	*-319.97*	
		For Class 54 Rating, Add	*446.84*	
		For Class 55 Rating, Add	*669.69*	
		For Class 56 Rating, Add	*889.63*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,984.38	580.78
		For Class 52 Rating, Deduct	*-341.49*	
		For Class 54 Rating, Add	*476.22*	
		For Class 55 Rating, Add	*713.40*	
		For Class 56 Rating, Add	*947.48*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,184.36	583.71
		For Class 52 Rating, Deduct	*-363.00*	
		For Class 54 Rating, Add	*505.61*	
		For Class 55 Rating, Add	*757.12*	
		For Class 56 Rating, Add	*1,005.33*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,365.53	586.62
		For Class 52 Rating, Deduct	*-382.44*	
		For Class 54 Rating, Add	*532.17*	
		For Class 55 Rating, Add	*796.64*	
		For Class 56 Rating, Add	*1,057.63*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.31	589.54
		For Class 52 Rating, Deduct	*-406.02*	
		For Class 54 Rating, Add	*564.38*	
		For Class 55 Rating, Add	*844.55*	
		For Class 56 Rating, Add	*1,121.02*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,784.28	592.46
		For Class 52 Rating, Deduct	*-427.53*	
		For Class 54 Rating, Add	*593.76*	
		For Class 55 Rating, Add	*888.26*	
		For Class 56 Rating, Add	*1,178.87*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,984.25	595.37
		For Class 52 Rating, Deduct	*-449.04*	
		For Class 54 Rating, Add	*623.15*	
		For Class 55 Rating, Add	*931.97*	
		For Class 56 Rating, Add	*1,236.72*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,184.24	598.30
		For Class 52 Rating, Deduct	*-470.55*	
		For Class 54 Rating, Add	*652.54*	
		For Class 55 Rating, Add	*975.69*	
		For Class 56 Rating, Add	*1,294.56*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,384.21	601.21
		For Class 52 Rating, Deduct	*-492.06*	
		For Class 54 Rating, Add	*681.92*	
		For Class 55 Rating, Add	*1,019.40*	
		For Class 56 Rating, Add	*1,352.41*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,584.18	604.13
		For Class 52 Rating, Deduct	*-513.57*	
		For Class 54 Rating, Add	*711.31*	
		For Class 55 Rating, Add	*1,063.12*	
		For Class 56 Rating, Add	*1,410.26*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,784.16	607.05
		For Class 52 Rating, Deduct	*-535.08*	
		For Class 54 Rating, Add	*740.70*	
		For Class 55 Rating, Add	*1,106.83*	
		For Class 56 Rating, Add	*1,468.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,984.14	609.96
		For Class 52 Rating, Deduct	*-556.59*	
		For Class 54 Rating, Add	*770.08*	
		For Class 55 Rating, Add	*1,150.55*	
		For Class 56 Rating, Add	*1,525.95*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,184.11	612.89
		For Class 52 Rating, Deduct	*-578.10*	
		For Class 54 Rating, Add	*799.47*	
		For Class 55 Rating, Add	*1,194.26*	
		For Class 56 Rating, Add	*1,583.80*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,384.09	615.81
		For Class 52 Rating, Deduct	*-599.62*	
		For Class 54 Rating, Add	*828.85*	
		For Class 55 Rating, Add	*1,237.98*	
		For Class 56 Rating, Add	*1,641.65*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,584.06	618.72
		For Class 52 Rating, Deduct	*-621.13*	
		For Class 54 Rating, Add	*858.24*	
		For Class 55 Rating, Add	*1,281.69*	
		For Class 56 Rating, Add	*1,699.50*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,784.03	621.64
		For Class 52 Rating, Deduct	*-642.64*	
		For Class 54 Rating, Add	*887.63*	
		For Class 55 Rating, Add	*1,325.40*	
		For Class 56 Rating, Add	*1,757.34*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,984.02	624.56
		For Class 52 Rating, Deduct	*-664.15*	
		For Class 54 Rating, Add	*917.01*	
		For Class 55 Rating, Add	*1,369.12*	
		For Class 56 Rating, Add	*1,815.19*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,183.99	627.48
		For Class 52 Rating, Deduct	*-685.66*	
		For Class 54 Rating, Add	*946.40*	
		For Class 55 Rating, Add	*1,412.83*	
		For Class 56 Rating, Add	*1,873.04*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,383.96	630.40
		For Class 52 Rating, Deduct	*-707.17*	
		For Class 54 Rating, Add	*975.78*	
		For Class 55 Rating, Add	*1,456.55*	
		For Class 56 Rating, Add	*1,930.88*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,583.94	633.31
		For Class 52 Rating, Deduct	*-728.68*	
		For Class 54 Rating, Add	*1,005.17*	
		For Class 55 Rating, Add	*1,500.26*	
		For Class 56 Rating, Add	*1,988.73*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,783.91	636.23
		For Class 52 Rating, Deduct	*-750.19*	
		For Class 54 Rating, Add	*1,034.56*	
		For Class 55 Rating, Add	*1,543.98*	
		For Class 56 Rating, Add	*2,046.58*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,983.89	639.16
		For Class 52 Rating, Deduct	*-771.70*	
		For Class 54 Rating, Add	*1,063.94*	
		For Class 55 Rating, Add	*1,587.69*	
		For Class 56 Rating, Add	*2,104.43*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,183.87	642.07
		For Class 52 Rating, Deduct	*-793.21*	
		For Class 54 Rating, Add	*1,093.33*	
		For Class 55 Rating, Add	*1,631.41*	
		For Class 56 Rating, Add	*2,162.28*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,383.84	644.99
		For Class 52 Rating, Deduct	*-814.72*	
		For Class 54 Rating, Add	*1,122.71*	
		For Class 55 Rating, Add	*1,675.12*	
		For Class 56 Rating, Add	*2,220.12*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,583.81	647.91
		For Class 52 Rating, Deduct	*-836.23*	
		For Class 54 Rating, Add	*1,152.10*	
		For Class 55 Rating, Add	*1,718.84*	
		For Class 56 Rating, Add	*2,277.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,783.79	650.82
		For Class 52 Rating, Deduct	*-857.75*	
		For Class 54 Rating, Add	*1,181.49*	
		For Class 55 Rating, Add	*1,762.55*	
		For Class 56 Rating, Add	*2,335.82*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,983.77	653.75
		For Class 52 Rating, Deduct	*-879.26*	
		For Class 54 Rating, Add	*1,210.87*	
		For Class 55 Rating, Add	*1,806.27*	
		For Class 56 Rating, Add	*2,393.66*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,183.74	656.66
		For Class 52 Rating, Deduct	*-900.77*	
		For Class 54 Rating, Add	*1,240.26*	
		For Class 55 Rating, Add	*1,849.98*	
		For Class 56 Rating, Add	*2,451.51*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,383.72	659.58
		For Class 52 Rating, Deduct	*-922.28*	
		For Class 54 Rating, Add	*1,269.64*	
		For Class 55 Rating, Add	*1,893.69*	
		For Class 56 Rating, Add	*2,509.36*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,583.69	662.50
		For Class 52 Rating, Deduct	*-943.79*	
		For Class 54 Rating, Add	*1,299.03*	
		For Class 55 Rating, Add	*1,937.41*	
		For Class 56 Rating, Add	*2,567.21*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,783.67	665.42
		For Class 52 Rating, Deduct	*-965.30*	
		For Class 54 Rating, Add	*1,328.42*	
		For Class 55 Rating, Add	*1,981.12*	
		For Class 56 Rating, Add	*2,625.05*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,983.65	668.34
		For Class 52 Rating, Deduct	*-986.81*	
		For Class 54 Rating, Add	*1,357.80*	
		For Class 55 Rating, Add	*2,024.84*	
		For Class 56 Rating, Add	*2,682.90*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,015.86	631.57
		For Class 52 Rating, Deduct	*-226.48*	
		For Class 54 Rating, Add	*320.33*	
		For Class 55 Rating, Add	*482.11*	
		For Class 56 Rating, Add	*641.84*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,245.92	634.49
		For Class 52 Rating, Deduct	*-251.30*	
		For Class 54 Rating, Add	*354.22*	
		For Class 55 Rating, Add	*532.54*	
		For Class 56 Rating, Add	*708.56*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,475.99	637.40
		For Class 52 Rating, Deduct	*-276.13*	
		For Class 54 Rating, Add	*388.12*	
		For Class 55 Rating, Add	*582.96*	
		For Class 56 Rating, Add	*775.29*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,706.05	640.33
		For Class 52 Rating, Deduct	*-300.95*	
		For Class 54 Rating, Add	*422.02*	
		For Class 55 Rating, Add	*633.38*	
		For Class 56 Rating, Add	*842.01*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,936.10	643.25
		For Class 52 Rating, Deduct	*-325.77*	
		For Class 54 Rating, Add	*455.92*	
		For Class 55 Rating, Add	*683.80*	
		For Class 56 Rating, Add	*908.73*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,166.16	646.16
		For Class 52 Rating, Deduct	*-350.59*	
		For Class 54 Rating, Add	*489.82*	
		For Class 55 Rating, Add	*734.23*	
		For Class 56 Rating, Add	*975.45*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,396.23	649.08
		For Class 52 Rating, Deduct	*-375.41*	
		For Class 54 Rating, Add	*523.72*	
		For Class 55 Rating, Add	*784.65*	
		For Class 56 Rating, Add	*1,042.17*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,626.29	651.99
		For Class 52 Rating, Deduct	*-400.23*	
		For Class 54 Rating, Add	*557.62*	
		For Class 55 Rating, Add	*835.08*	
		For Class 56 Rating, Add	*1,108.90*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,856.35	654.92
		For Class 52 Rating, Deduct	*-425.05*	
		For Class 54 Rating, Add	*591.52*	
		For Class 55 Rating, Add	*885.50*	
		For Class 56 Rating, Add	*1,175.62*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,086.41	657.84
		For Class 52 Rating, Deduct	*-449.87*	
		For Class 54 Rating, Add	*625.42*	
		For Class 55 Rating, Add	*935.92*	
		For Class 56 Rating, Add	*1,242.34*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,316.46	660.75
		For Class 52 Rating, Deduct	*-474.69*	
		For Class 54 Rating, Add	*659.31*	
		For Class 55 Rating, Add	*986.35*	
		For Class 56 Rating, Add	*1,309.06*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,546.53	663.67
		For Class 52 Rating, Deduct	*-499.51*	
		For Class 54 Rating, Add	*693.21*	
		For Class 55 Rating, Add	*1,036.77*	
		For Class 56 Rating, Add	*1,375.79*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,776.59	666.59
		For Class 52 Rating, Deduct	*-524.33*	
		For Class 54 Rating, Add	*727.11*	
		For Class 55 Rating, Add	*1,087.19*	
		For Class 56 Rating, Add	*1,442.51*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,006.65	669.51
		For Class 52 Rating, Deduct	*-549.15*	
		For Class 54 Rating, Add	*761.01*	
		For Class 55 Rating, Add	*1,137.62*	
		For Class 56 Rating, Add	*1,509.23*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,236.71	672.43
		For Class 52 Rating, Deduct	*-573.97*	
		For Class 54 Rating, Add	*794.91*	
		For Class 55 Rating, Add	*1,188.04*	
		For Class 56 Rating, Add	*1,575.96*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,466.77	675.35
		For Class 52 Rating, Deduct	*-598.79*	
		For Class 54 Rating, Add	*828.81*	
		For Class 55 Rating, Add	*1,238.46*	
		For Class 56 Rating, Add	*1,642.68*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,696.83	678.26
		For Class 52 Rating, Deduct	*-623.61*	
		For Class 54 Rating, Add	*862.71*	
		For Class 55 Rating, Add	*1,288.89*	
		For Class 56 Rating, Add	*1,709.40*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,926.89	681.19
		For Class 52 Rating, Deduct	*-648.43*	
		For Class 54 Rating, Add	*896.61*	
		For Class 55 Rating, Add	*1,339.31*	
		For Class 56 Rating, Add	*1,776.12*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,156.95	684.10
		For Class 52 Rating, Deduct	*-673.25*	
		For Class 54 Rating, Add	*930.50*	
		For Class 55 Rating, Add	*1,389.73*	
		For Class 56 Rating, Add	*1,842.84*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,387.01	687.02
		For Class 52 Rating, Deduct	*-698.07*	
		For Class 54 Rating, Add	*964.40*	
		For Class 55 Rating, Add	*1,440.16*	
		For Class 56 Rating, Add	*1,909.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,617.07	689.94
		For Class 52 Rating, Deduct	*-722.89*	
		For Class 54 Rating, Add	*998.30*	
		For Class 55 Rating, Add	*1,490.58*	
		For Class 56 Rating, Add	*1,976.29*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,847.14	692.85
		For Class 52 Rating, Deduct	*-747.71*	
		For Class 54 Rating, Add	*1,032.20*	
		For Class 55 Rating, Add	*1,541.01*	
		For Class 56 Rating, Add	*2,043.01*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,077.20	695.78
		For Class 52 Rating, Deduct	*-772.53*	
		For Class 54 Rating, Add	*1,066.10*	
		For Class 55 Rating, Add	*1,591.43*	
		For Class 56 Rating, Add	*2,109.74*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,307.25	698.70
		For Class 52 Rating, Deduct	*-797.35*	
		For Class 54 Rating, Add	*1,100.00*	
		For Class 55 Rating, Add	*1,641.85*	
		For Class 56 Rating, Add	*2,176.46*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,537.31	701.61
		For Class 52 Rating, Deduct	*-822.17*	
		For Class 54 Rating, Add	*1,133.90*	
		For Class 55 Rating, Add	*1,692.28*	
		For Class 56 Rating, Add	*2,243.18*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,767.37	704.53
		For Class 52 Rating, Deduct	*-846.99*	
		For Class 54 Rating, Add	*1,167.80*	
		For Class 55 Rating, Add	*1,742.70*	
		For Class 56 Rating, Add	*2,309.90*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,997.44	707.46
		For Class 52 Rating, Deduct	*-871.81*	
		For Class 54 Rating, Add	*1,201.70*	
		For Class 55 Rating, Add	*1,793.12*	
		For Class 56 Rating, Add	*2,376.63*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,227.50	710.37
		For Class 52 Rating, Deduct	*-896.63*	
		For Class 54 Rating, Add	*1,235.59*	
		For Class 55 Rating, Add	*1,843.55*	
		For Class 56 Rating, Add	*2,443.35*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,457.56	713.29
		For Class 52 Rating, Deduct	*-921.45*	
		For Class 54 Rating, Add	*1,269.49*	
		For Class 55 Rating, Add	*1,893.97*	
		For Class 56 Rating, Add	*2,510.07*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,687.61	716.20
		For Class 52 Rating, Deduct	*-946.27*	
		For Class 54 Rating, Add	*1,303.39*	
		For Class 55 Rating, Add	*1,944.39*	
		For Class 56 Rating, Add	*2,576.79*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,917.68	719.12
		For Class 52 Rating, Deduct	*-971.09*	
		For Class 54 Rating, Add	*1,337.29*	
		For Class 55 Rating, Add	*1,994.82*	
		For Class 56 Rating, Add	*2,643.51*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,147.74	722.05
		For Class 52 Rating, Deduct	*-995.91*	
		For Class 54 Rating, Add	*1,371.19*	
		For Class 55 Rating, Add	*2,045.24*	
		For Class 56 Rating, Add	*2,710.24*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,377.80	724.96
		For Class 52 Rating, Deduct	*-1,020.73*	
		For Class 54 Rating, Add	*1,405.09*	
		For Class 55 Rating, Add	*2,095.66*	
		For Class 56 Rating, Add	*2,776.96*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,607.86	727.88
		For Class 52 Rating, Deduct	*-1,045.55*	
		For Class 54 Rating, Add	*1,438.99*	
		For Class 55 Rating, Add	*2,146.09*	
		For Class 56 Rating, Add	*2,843.68*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,837.92	730.80
		For Class 52 Rating, Deduct	*-1,070.37*	
		For Class 54 Rating, Add	*1,472.89*	
		For Class 55 Rating, Add	*2,196.51*	
		For Class 56 Rating, Add	*2,910.41*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,067.98	733.71
		For Class 52 Rating, Deduct	*-1,095.19*	
		For Class 54 Rating, Add	*1,506.78*	
		For Class 55 Rating, Add	*2,246.93*	
		For Class 56 Rating, Add	*2,977.13*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,298.04	736.64
		For Class 52 Rating, Deduct	*-1,120.01*	
		For Class 54 Rating, Add	*1,540.68*	
		For Class 55 Rating, Add	*2,297.36*	
		For Class 56 Rating, Add	*3,043.85*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,528.10	739.55
		For Class 52 Rating, Deduct	*-1,144.83*	
		For Class 54 Rating, Add	*1,574.58*	
		For Class 55 Rating, Add	*2,347.78*	
		For Class 56 Rating, Add	*3,110.57*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,497.15	720.87
		For Class 52 Rating, Deduct	*-264.54*	
		For Class 54 Rating, Add	*373.85*	
		For Class 55 Rating, Add	*562.51*	
		For Class 56 Rating, Add	*748.77*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,761.06	723.79
		For Class 52 Rating, Deduct	*-293.09*	
		For Class 54 Rating, Add	*412.82*	
		For Class 55 Rating, Add	*620.48*	
		For Class 56 Rating, Add	*825.48*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,024.97	726.71
		For Class 52 Rating, Deduct	*-321.63*	
		For Class 54 Rating, Add	*451.80*	
		For Class 55 Rating, Add	*678.46*	
		For Class 56 Rating, Add	*902.19*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,288.87	729.62
		For Class 52 Rating, Deduct	*-350.17*	
		For Class 54 Rating, Add	*490.77*	
		For Class 55 Rating, Add	*736.43*	
		For Class 56 Rating, Add	*978.89*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,552.78	732.55
		For Class 52 Rating, Deduct	*-378.72*	
		For Class 54 Rating, Add	*529.75*	
		For Class 55 Rating, Add	*794.40*	
		For Class 56 Rating, Add	*1,055.60*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,816.68	735.47
		For Class 52 Rating, Deduct	*-407.26*	
		For Class 54 Rating, Add	*568.72*	
		For Class 55 Rating, Add	*852.37*	
		For Class 56 Rating, Add	*1,132.31*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,080.59	738.38
		For Class 52 Rating, Deduct	*-435.80*	
		For Class 54 Rating, Add	*607.70*	
		For Class 55 Rating, Add	*910.34*	
		For Class 56 Rating, Add	*1,209.02*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,344.50	741.30
		For Class 52 Rating, Deduct	*-464.35*	
		For Class 54 Rating, Add	*646.68*	
		For Class 55 Rating, Add	*968.31*	
		For Class 56 Rating, Add	*1,285.72*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,608.40	744.21
		For Class 52 Rating, Deduct	*-492.89*	
		For Class 54 Rating, Add	*685.65*	
		For Class 55 Rating, Add	*1,026.28*	
		For Class 56 Rating, Add	*1,362.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,872.31	747.14
		For Class 52 Rating, Deduct	*-521.43*	
		For Class 54 Rating, Add	*724.63*	
		For Class 55 Rating, Add	*1,084.25*	
		For Class 56 Rating, Add	*1,439.14*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,136.22	750.06
		For Class 52 Rating, Deduct	*-549.97*	
		For Class 54 Rating, Add	*763.60*	
		For Class 55 Rating, Add	*1,142.22*	
		For Class 56 Rating, Add	*1,515.84*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,400.13	752.97
		For Class 52 Rating, Deduct	*-578.52*	
		For Class 54 Rating, Add	*802.58*	
		For Class 55 Rating, Add	*1,200.20*	
		For Class 56 Rating, Add	*1,592.55*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,664.03	755.89
		For Class 52 Rating, Deduct	*-607.06*	
		For Class 54 Rating, Add	*841.55*	
		For Class 55 Rating, Add	*1,258.17*	
		For Class 56 Rating, Add	*1,669.26*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,927.93	758.82
		For Class 52 Rating, Deduct	*-635.60*	
		For Class 54 Rating, Add	*880.53*	
		For Class 55 Rating, Add	*1,316.14*	
		For Class 56 Rating, Add	*1,745.96*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,191.84	761.73
		For Class 52 Rating, Deduct	*-664.15*	
		For Class 54 Rating, Add	*919.51*	
		For Class 55 Rating, Add	*1,374.11*	
		For Class 56 Rating, Add	*1,822.67*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,455.75	764.65
		For Class 52 Rating, Deduct	*-692.69*	
		For Class 54 Rating, Add	*958.48*	
		For Class 55 Rating, Add	*1,432.08*	
		For Class 56 Rating, Add	*1,899.38*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,719.66	767.57
		For Class 52 Rating, Deduct	*-721.23*	
		For Class 54 Rating, Add	*997.46*	
		For Class 55 Rating, Add	*1,490.05*	
		For Class 56 Rating, Add	*1,976.09*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,983.56	770.48
		For Class 52 Rating, Deduct	*-749.78*	
		For Class 54 Rating, Add	*1,036.43*	
		For Class 55 Rating, Add	*1,548.02*	
		For Class 56 Rating, Add	*2,052.79*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,247.46	773.41
		For Class 52 Rating, Deduct	*-778.32*	
		For Class 54 Rating, Add	*1,075.41*	
		For Class 55 Rating, Add	*1,605.99*	
		For Class 56 Rating, Add	*2,129.50*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,511.37	776.32
		For Class 52 Rating, Deduct	*-806.86*	
		For Class 54 Rating, Add	*1,114.38*	
		For Class 55 Rating, Add	*1,663.96*	
		For Class 56 Rating, Add	*2,206.21*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,775.28	779.24
		For Class 52 Rating, Deduct	*-835.41*	
		For Class 54 Rating, Add	*1,153.36*	
		For Class 55 Rating, Add	*1,721.93*	
		For Class 56 Rating, Add	*2,282.91*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,039.19	782.16
		For Class 52 Rating, Deduct	*-863.95*	
		For Class 54 Rating, Add	*1,192.34*	
		For Class 55 Rating, Add	*1,779.91*	
		For Class 56 Rating, Add	*2,359.62*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,303.09	785.08
		For Class 52 Rating, Deduct	*-892.49*	
		For Class 54 Rating, Add	*1,231.31*	
		For Class 55 Rating, Add	*1,837.88*	
		For Class 56 Rating, Add	*2,436.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,566.99	788.00
		For Class 52 Rating, Deduct	*-921.04*	
		For Class 54 Rating, Add	*1,270.29*	
		For Class 55 Rating, Add	*1,895.85*	
		For Class 56 Rating, Add	*2,513.03*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,830.90	790.92
		For Class 52 Rating, Deduct	*-949.58*	
		For Class 54 Rating, Add	*1,309.26*	
		For Class 55 Rating, Add	*1,953.82*	
		For Class 56 Rating, Add	*2,589.74*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,094.81	793.83
		For Class 52 Rating, Deduct	*-978.12*	
		For Class 54 Rating, Add	*1,348.24*	
		For Class 55 Rating, Add	*2,011.79*	
		For Class 56 Rating, Add	*2,666.45*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,358.72	796.75
		For Class 52 Rating, Deduct	*-1,006.67*	
		For Class 54 Rating, Add	*1,387.21*	
		For Class 55 Rating, Add	*2,069.76*	
		For Class 56 Rating, Add	*2,743.16*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,622.62	799.67
		For Class 52 Rating, Deduct	*-1,035.21*	
		For Class 54 Rating, Add	*1,426.19*	
		For Class 55 Rating, Add	*2,127.73*	
		For Class 56 Rating, Add	*2,819.86*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,886.53	802.59
		For Class 52 Rating, Deduct	*-1,063.75*	
		For Class 54 Rating, Add	*1,465.17*	
		For Class 55 Rating, Add	*2,185.70*	
		For Class 56 Rating, Add	*2,896.57*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,150.44	805.51
		For Class 52 Rating, Deduct	*-1,092.30*	
		For Class 54 Rating, Add	*1,504.14*	
		For Class 55 Rating, Add	*2,243.67*	
		For Class 56 Rating, Add	*2,973.28*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,414.34	808.42
		For Class 52 Rating, Deduct	*-1,120.84*	
		For Class 54 Rating, Add	*1,543.12*	
		For Class 55 Rating, Add	*2,301.64*	
		For Class 56 Rating, Add	*3,049.98*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,678.25	811.34
		For Class 52 Rating, Deduct	*-1,149.38*	
		For Class 54 Rating, Add	*1,582.09*	
		For Class 55 Rating, Add	*2,359.62*	
		For Class 56 Rating, Add	*3,126.69*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,942.15	814.27
		For Class 52 Rating, Deduct	*-1,177.93*	
		For Class 54 Rating, Add	*1,621.07*	
		For Class 55 Rating, Add	*2,417.59*	
		For Class 56 Rating, Add	*3,203.40*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,206.06	817.18
		For Class 52 Rating, Deduct	*-1,206.47*	
		For Class 54 Rating, Add	*1,660.04*	
		For Class 55 Rating, Add	*2,475.56*	
		For Class 56 Rating, Add	*3,280.11*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,469.97	820.10
		For Class 52 Rating, Deduct	*-1,235.01*	
		For Class 54 Rating, Add	*1,699.02*	
		For Class 55 Rating, Add	*2,533.53*	
		For Class 56 Rating, Add	*3,356.81*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,733.87	823.02
		For Class 52 Rating, Deduct	*-1,263.56*	
		For Class 54 Rating, Add	*1,737.99*	
		For Class 55 Rating, Add	*2,591.50*	
		For Class 56 Rating, Add	*3,433.52*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,997.78	825.94
		For Class 52 Rating, Deduct	*-1,292.10*	
		For Class 54 Rating, Add	*1,776.97*	
		For Class 55 Rating, Add	*2,649.47*	
		For Class 56 Rating, Add	*3,510.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,261.68	828.86
		For Class 52 Rating, Deduct	*-1,320.64*	
		For Class 54 Rating, Add	*1,815.95*	
		For Class 55 Rating, Add	*2,707.44*	
		For Class 56 Rating, Add	*3,586.93*	
40 05 19 00-0911		**24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0554)*		
40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,329.82	852.21
		For Class 52 Rating, Deduct	*-334.25*	
		For Class 54 Rating, Add	*471.28*	
		For Class 55 Rating, Add	*708.60*	
		For Class 56 Rating, Add	*942.87*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,655.77	855.12
		For Class 52 Rating, Deduct	*-369.61*	
		For Class 54 Rating, Add	*519.57*	
		For Class 55 Rating, Add	*780.40*	
		For Class 56 Rating, Add	*1,037.88*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,981.73	858.04
		For Class 52 Rating, Deduct	*-404.98*	
		For Class 54 Rating, Add	*567.85*	
		For Class 55 Rating, Add	*852.21*	
		For Class 56 Rating, Add	*1,132.89*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,307.68	860.96
		For Class 52 Rating, Deduct	*-440.35*	
		For Class 54 Rating, Add	*616.13*	
		For Class 55 Rating, Add	*924.02*	
		For Class 56 Rating, Add	*1,227.91*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,633.65	863.87
		For Class 52 Rating, Deduct	*-475.72*	
		For Class 54 Rating, Add	*664.42*	
		For Class 55 Rating, Add	*995.83*	
		For Class 56 Rating, Add	*1,322.92*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,959.60	866.80
		For Class 52 Rating, Deduct	*-511.09*	
		For Class 54 Rating, Add	*712.70*	
		For Class 55 Rating, Add	*1,067.64*	
		For Class 56 Rating, Add	*1,417.93*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,285.56	869.72
		For Class 52 Rating, Deduct	*-546.46*	
		For Class 54 Rating, Add	*760.98*	
		For Class 55 Rating, Add	*1,139.45*	
		For Class 56 Rating, Add	*1,512.94*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,611.51	872.63
		For Class 52 Rating, Deduct	*-581.83*	
		For Class 54 Rating, Add	*809.27*	
		For Class 55 Rating, Add	*1,211.25*	
		For Class 56 Rating, Add	*1,607.95*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,937.46	875.55
		For Class 52 Rating, Deduct	*-617.20*	
		For Class 54 Rating, Add	*857.55*	
		For Class 55 Rating, Add	*1,283.06*	
		For Class 56 Rating, Add	*1,702.96*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,263.43	878.47
		For Class 52 Rating, Deduct	*-652.57*	
		For Class 54 Rating, Add	*905.83*	
		For Class 55 Rating, Add	*1,354.87*	
		For Class 56 Rating, Add	*1,797.98*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,589.38	881.39
		For Class 52 Rating, Deduct	*-687.93*	
		For Class 54 Rating, Add	*954.12*	
		For Class 55 Rating, Add	*1,426.68*	
		For Class 56 Rating, Add	*1,892.99*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,915.34	884.31
		For Class 52 Rating, Deduct	*-723.30*	
		For Class 54 Rating, Add	*1,002.40*	
		For Class 55 Rating, Add	*1,498.49*	
		For Class 56 Rating, Add	*1,988.00*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,241.29	887.22
		For Class 52 Rating, Deduct	*-758.67*	
		For Class 54 Rating, Add	*1,050.68*	
		For Class 55 Rating, Add	*1,570.30*	
		For Class 56 Rating, Add	*2,083.01*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,567.26	890.14
		For Class 52 Rating, Deduct	*-794.04*	
		For Class 54 Rating, Add	*1,098.97*	
		For Class 55 Rating, Add	*1,642.11*	
		For Class 56 Rating, Add	*2,178.03*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,893.21	893.07
		For Class 52 Rating, Deduct	*-829.41*	
		For Class 54 Rating, Add	*1,147.25*	
		For Class 55 Rating, Add	*1,713.91*	
		For Class 56 Rating, Add	*2,273.04*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,219.17	895.98
		For Class 52 Rating, Deduct	*-864.78*	
		For Class 54 Rating, Add	*1,195.53*	
		For Class 55 Rating, Add	*1,785.72*	
		For Class 56 Rating, Add	*2,368.05*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,545.12	898.90
		For Class 52 Rating, Deduct	*-900.15*	
		For Class 54 Rating, Add	*1,243.82*	
		For Class 55 Rating, Add	*1,857.53*	
		For Class 56 Rating, Add	*2,463.06*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,871.08	901.82
		For Class 52 Rating, Deduct	*-935.52*	
		For Class 54 Rating, Add	*1,292.10*	
		For Class 55 Rating, Add	*1,929.34*	
		For Class 56 Rating, Add	*2,558.07*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,197.04	904.73
		For Class 52 Rating, Deduct	*-970.88*	
		For Class 54 Rating, Add	*1,340.38*	
		For Class 55 Rating, Add	*2,001.15*	
		For Class 56 Rating, Add	*2,653.08*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,523.00	907.66
		For Class 52 Rating, Deduct	*-1,006.25*	
		For Class 54 Rating, Add	*1,388.67*	
		For Class 55 Rating, Add	*2,072.96*	
		For Class 56 Rating, Add	*2,748.10*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,848.95	910.58
		For Class 52 Rating, Deduct	*-1,041.62*	
		For Class 54 Rating, Add	*1,436.95*	
		For Class 55 Rating, Add	*2,144.76*	
		For Class 56 Rating, Add	*2,843.11*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,174.91	913.49
		For Class 52 Rating, Deduct	*-1,076.99*	
		For Class 54 Rating, Add	*1,485.23*	
		For Class 55 Rating, Add	*2,216.57*	
		For Class 56 Rating, Add	*2,938.12*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,500.86	916.41
		For Class 52 Rating, Deduct	*-1,112.36*	
		For Class 54 Rating, Add	*1,533.52*	
		For Class 55 Rating, Add	*2,288.38*	
		For Class 56 Rating, Add	*3,033.13*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,826.83	919.33
		For Class 52 Rating, Deduct	*-1,147.73*	
		For Class 54 Rating, Add	*1,581.80*	
		For Class 55 Rating, Add	*2,360.19*	
		For Class 56 Rating, Add	*3,128.15*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,152.78	922.25
		For Class 52 Rating, Deduct	*-1,183.10*	
		For Class 54 Rating, Add	*1,630.08*	
		For Class 55 Rating, Add	*2,432.00*	
		For Class 56 Rating, Add	*3,223.16*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,478.74	925.17
		For Class 52 Rating, Deduct	*-1,218.47*	
		For Class 54 Rating, Add	*1,678.37*	
		For Class 55 Rating, Add	*2,503.81*	
		For Class 56 Rating, Add	*3,318.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,804.69	928.08
		For Class 52 Rating, Deduct	*-1,253.84*	
		For Class 54 Rating, Add	*1,726.65*	
		For Class 55 Rating, Add	*2,575.61*	
		For Class 56 Rating, Add	*3,413.18*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,130.64	931.00
		For Class 52 Rating, Deduct	*-1,289.20*	
		For Class 54 Rating, Add	*1,774.93*	
		For Class 55 Rating, Add	*2,647.42*	
		For Class 56 Rating, Add	*3,508.19*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,456.61	933.93
		For Class 52 Rating, Deduct	*-1,324.57*	
		For Class 54 Rating, Add	*1,823.22*	
		For Class 55 Rating, Add	*2,719.23*	
		For Class 56 Rating, Add	*3,603.20*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,857.72	986.46
		For Class 52 Rating, Deduct	*-1,359.94*	
		For Class 54 Rating, Add	*1,872.40*	
		For Class 55 Rating, Add	*2,792.84*	
		For Class 56 Rating, Add	*3,700.92*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,183.69	989.38
		For Class 52 Rating, Deduct	*-1,395.31*	
		For Class 54 Rating, Add	*1,920.68*	
		For Class 55 Rating, Add	*2,864.65*	
		For Class 56 Rating, Add	*3,795.93*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,509.64	992.29
		For Class 52 Rating, Deduct	*-1,430.68*	
		For Class 54 Rating, Add	*1,968.97*	
		For Class 55 Rating, Add	*2,936.46*	
		For Class 56 Rating, Add	*3,890.95*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,835.60	995.21
		For Class 52 Rating, Deduct	*-1,466.05*	
		For Class 54 Rating, Add	*2,017.25*	
		For Class 55 Rating, Add	*3,008.27*	
		For Class 56 Rating, Add	*3,985.96*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,161.55	998.13
		For Class 52 Rating, Deduct	*-1,501.42*	
		For Class 54 Rating, Add	*2,065.53*	
		For Class 55 Rating, Add	*3,080.08*	
		For Class 56 Rating, Add	*4,080.97*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,487.51	1,001.05
		For Class 52 Rating, Deduct	*-1,536.79*	
		For Class 54 Rating, Add	*2,113.82*	
		For Class 55 Rating, Add	*3,151.89*	
		For Class 56 Rating, Add	*4,175.98*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,813.47	1,003.97
		For Class 52 Rating, Deduct	*-1,572.15*	
		For Class 54 Rating, Add	*2,162.10*	
		For Class 55 Rating, Add	*3,223.69*	
		For Class 56 Rating, Add	*4,270.99*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,139.43	1,006.88
		For Class 52 Rating, Deduct	*-1,607.52*	
		For Class 54 Rating, Add	*2,210.38*	
		For Class 55 Rating, Add	*3,295.50*	
		For Class 56 Rating, Add	*4,366.01*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,465.38	1,009.80
		For Class 52 Rating, Deduct	*-1,642.89*	
		For Class 54 Rating, Add	*2,258.67*	
		For Class 55 Rating, Add	*3,367.31*	
		For Class 56 Rating, Add	*4,461.02*	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,673.09	1,202.43
		For Class 52 Rating, Deduct	*-533.64*	
		For Class 54 Rating, Add	*749.55*	
		For Class 55 Rating, Add	*1,125.55*	
		For Class 56 Rating, Add	*1,496.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,141.94	1,205.34
		For Class 52 Rating, Deduct	*-584.72*	
		For Class 54 Rating, Add	*819.26*	
		For Class 55 Rating, Add	*1,229.22*	
		For Class 56 Rating, Add	*1,633.87*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,610.80	1,208.26
		For Class 52 Rating, Deduct	*-635.81*	
		For Class 54 Rating, Add	*888.98*	
		For Class 55 Rating, Add	*1,332.90*	
		For Class 56 Rating, Add	*1,771.03*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,079.66	1,211.18
		For Class 52 Rating, Deduct	*-686.90*	
		For Class 54 Rating, Add	*958.70*	
		For Class 55 Rating, Add	*1,436.58*	
		For Class 56 Rating, Add	*1,908.20*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,548.53	1,214.09
		For Class 52 Rating, Deduct	*-737.99*	
		For Class 54 Rating, Add	*1,028.42*	
		For Class 55 Rating, Add	*1,540.25*	
		For Class 56 Rating, Add	*2,045.37*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,017.39	1,217.02
		For Class 52 Rating, Deduct	*-789.08*	
		For Class 54 Rating, Add	*1,098.14*	
		For Class 55 Rating, Add	*1,643.93*	
		For Class 56 Rating, Add	*2,182.54*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,486.25	1,219.94
		For Class 52 Rating, Deduct	*-840.16*	
		For Class 54 Rating, Add	*1,167.86*	
		For Class 55 Rating, Add	*1,747.60*	
		For Class 56 Rating, Add	*2,319.71*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,955.11	1,222.85
		For Class 52 Rating, Deduct	*-891.25*	
		For Class 54 Rating, Add	*1,237.58*	
		For Class 55 Rating, Add	*1,851.28*	
		For Class 56 Rating, Add	*2,456.88*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,423.98	1,225.77
		For Class 52 Rating, Deduct	*-942.34*	
		For Class 54 Rating, Add	*1,307.30*	
		For Class 55 Rating, Add	*1,954.96*	
		For Class 56 Rating, Add	*2,594.05*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,892.84	1,228.70
		For Class 52 Rating, Deduct	*-993.43*	
		For Class 54 Rating, Add	*1,377.02*	
		For Class 55 Rating, Add	*2,058.63*	
		For Class 56 Rating, Add	*2,731.22*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,361.70	1,231.61
		For Class 52 Rating, Deduct	*-1,044.52*	
		For Class 54 Rating, Add	*1,446.74*	
		For Class 55 Rating, Add	*2,162.31*	
		For Class 56 Rating, Add	*2,868.39*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,830.56	1,234.53
		For Class 52 Rating, Deduct	*-1,095.61*	
		For Class 54 Rating, Add	*1,516.46*	
		For Class 55 Rating, Add	*2,265.99*	
		For Class 56 Rating, Add	*3,005.56*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,299.41	1,237.44
		For Class 52 Rating, Deduct	*-1,146.69*	
		For Class 54 Rating, Add	*1,586.17*	
		For Class 55 Rating, Add	*2,369.66*	
		For Class 56 Rating, Add	*3,142.72*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,768.28	1,240.36
		For Class 52 Rating, Deduct	*-1,197.78*	
		For Class 54 Rating, Add	*1,655.89*	
		For Class 55 Rating, Add	*2,473.34*	
		For Class 56 Rating, Add	*3,279.89*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,237.14	1,243.29
		For Class 52 Rating, Deduct	*-1,248.87*	
		For Class 54 Rating, Add	*1,725.61*	
		For Class 55 Rating, Add	*2,577.01*	
		For Class 56 Rating, Add	*3,417.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,706.00	1,246.20
		For Class 52 Rating, Deduct	*-1,299.96*	
		For Class 54 Rating, Add	*1,795.33*	
		For Class 55 Rating, Add	*2,680.69*	
		For Class 56 Rating, Add	*3,554.23*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,174.86	1,249.12
		For Class 52 Rating, Deduct	*-1,351.05*	
		For Class 54 Rating, Add	*1,865.05*	
		For Class 55 Rating, Add	*2,784.36*	
		For Class 56 Rating, Add	*3,691.40*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,643.72	1,252.04
		For Class 52 Rating, Deduct	*-1,402.14*	
		For Class 54 Rating, Add	*1,934.77*	
		For Class 55 Rating, Add	*2,888.04*	
		For Class 56 Rating, Add	*3,828.57*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,112.59	1,254.96
		For Class 52 Rating, Deduct	*-1,453.22*	
		For Class 54 Rating, Add	*2,004.49*	
		For Class 55 Rating, Add	*2,991.72*	
		For Class 56 Rating, Add	*3,965.74*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,581.45	1,257.88
		For Class 52 Rating, Deduct	*-1,504.31*	
		For Class 54 Rating, Add	*2,074.21*	
		For Class 55 Rating, Add	*3,095.39*	
		For Class 56 Rating, Add	*4,102.90*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,050.30	1,260.80
		For Class 52 Rating, Deduct	*-1,555.40*	
		For Class 54 Rating, Add	*2,143.92*	
		For Class 55 Rating, Add	*3,199.07*	
		For Class 56 Rating, Add	*4,240.07*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,519.16	1,263.71
		For Class 52 Rating, Deduct	*-1,606.49*	
		For Class 54 Rating, Add	*2,213.64*	
		For Class 55 Rating, Add	*3,302.75*	
		For Class 56 Rating, Add	*4,377.24*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,988.01	1,266.63
		For Class 52 Rating, Deduct	*-1,657.58*	
		For Class 54 Rating, Add	*2,283.36*	
		For Class 55 Rating, Add	*3,406.42*	
		For Class 56 Rating, Add	*4,514.41*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,456.88	1,269.55
		For Class 52 Rating, Deduct	*-1,708.67*	
		For Class 54 Rating, Add	*2,353.08*	
		For Class 55 Rating, Add	*3,510.10*	
		For Class 56 Rating, Add	*4,651.58*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,925.74	1,272.47
		For Class 52 Rating, Deduct	*-1,759.75*	
		For Class 54 Rating, Add	*2,422.80*	
		For Class 55 Rating, Add	*3,613.77*	
		For Class 56 Rating, Add	*4,788.75*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,394.60	1,275.39
		For Class 52 Rating, Deduct	*-1,810.84*	
		For Class 54 Rating, Add	*2,492.52*	
		For Class 55 Rating, Add	*3,717.45*	
		For Class 56 Rating, Add	*4,925.92*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,863.46	1,278.30
		For Class 52 Rating, Deduct	*-1,861.93*	
		For Class 54 Rating, Add	*2,562.24*	
		For Class 55 Rating, Add	*3,821.12*	
		For Class 56 Rating, Add	*5,063.08*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,332.32	1,281.22
		For Class 52 Rating, Deduct	*-1,913.02*	
		For Class 54 Rating, Add	*2,631.96*	
		For Class 55 Rating, Add	*3,924.80*	
		For Class 56 Rating, Add	*5,200.25*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,801.19	1,284.15
		For Class 52 Rating, Deduct	*-1,964.11*	
		For Class 54 Rating, Add	*2,701.68*	
		For Class 55 Rating, Add	*4,028.48*	
		For Class 56 Rating, Add	*5,337.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,270.05	1,287.06
		For Class 52 Rating, Deduct	*-2,015.20*	
		For Class 54 Rating, Add	*2,771.40*	
		For Class 55 Rating, Add	*4,132.15*	
		For Class 56 Rating, Add	*5,474.59*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,738.91	1,289.98
		For Class 52 Rating, Deduct	*-2,066.28*	
		For Class 54 Rating, Add	*2,841.11*	
		For Class 55 Rating, Add	*4,235.93*	
		For Class 56 Rating, Add	*5,611.76*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,207.77	1,292.89
		For Class 52 Rating, Deduct	*-2,117.37*	
		For Class 54 Rating, Add	*2,910.83*	
		For Class 55 Rating, Add	*4,339.51*	
		For Class 56 Rating, Add	*5,748.93*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,676.62	1,295.82
		For Class 52 Rating, Deduct	*-2,168.46*	
		For Class 54 Rating, Add	*2,980.55*	
		For Class 55 Rating, Add	*4,443.18*	
		For Class 56 Rating, Add	*5,886.10*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,145.49	1,298.74
		For Class 52 Rating, Deduct	*-2,219.55*	
		For Class 54 Rating, Add	*3,050.27*	
		For Class 55 Rating, Add	*4,546.86*	
		For Class 56 Rating, Add	*6,023.26*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,614.35	1,301.65
		For Class 52 Rating, Deduct	*-2,270.64*	
		For Class 54 Rating, Add	*3,119.99*	
		For Class 55 Rating, Add	*4,650.53*	
		For Class 56 Rating, Add	*6,160.43*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,083.21	1,304.57
		For Class 52 Rating, Deduct	*-2,321.72*	
		For Class 54 Rating, Add	*3,189.71*	
		For Class 55 Rating, Add	*4,754.21*	
		For Class 56 Rating, Add	*6,297.60*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,552.07	1,307.49
		For Class 52 Rating, Deduct	*-2,372.81*	
		For Class 54 Rating, Add	*3,259.43*	
		For Class 55 Rating, Add	*4,857.88*	
		For Class 56 Rating, Add	*6,434.77*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,020.94	1,310.41
		For Class 52 Rating, Deduct	*-2,423.90*	
		For Class 54 Rating, Add	*3,329.15*	
		For Class 55 Rating, Add	*4,961.56*	
		For Class 56 Rating, Add	*6,571.94*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,147.00	1,523.46
		For Class 52 Rating, Deduct	*-752.26*	
		For Class 54 Rating, Add	*1,053.51*	
		For Class 55 Rating, Add	*1,580.43*	
		For Class 56 Rating, Add	*2,100.52*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,783.21	1,526.38
		For Class 52 Rating, Deduct	*-821.76*	
		For Class 54 Rating, Add	*1,148.33*	
		For Class 55 Rating, Add	*1,721.43*	
		For Class 56 Rating, Add	*2,287.06*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,419.42	1,529.30
		For Class 52 Rating, Deduct	*-891.25*	
		For Class 54 Rating, Add	*1,243.15*	
		For Class 55 Rating, Add	*1,862.42*	
		For Class 56 Rating, Add	*2,473.59*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,055.63	1,532.21
		For Class 52 Rating, Deduct	*-960.75*	
		For Class 54 Rating, Add	*1,337.97*	
		For Class 55 Rating, Add	*2,003.42*	
		For Class 56 Rating, Add	*2,660.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,691.83	1,535.13
		For Class 52 Rating, Deduct	*-1,030.25*	
		For Class 54 Rating, Add	*1,432.79*	
		For Class 55 Rating, Add	*2,144.41*	
		For Class 56 Rating, Add	*2,846.67*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,328.04	1,538.06
		For Class 52 Rating, Deduct	*-1,099.74*	
		For Class 54 Rating, Add	*1,527.61*	
		For Class 55 Rating, Add	*2,285.41*	
		For Class 56 Rating, Add	*3,033.20*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,964.25	1,540.97
		For Class 52 Rating, Deduct	*-1,169.24*	
		For Class 54 Rating, Add	*1,622.44*	
		For Class 55 Rating, Add	*2,426.40*	
		For Class 56 Rating, Add	*3,219.74*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,600.46	1,543.89
		For Class 52 Rating, Deduct	*-1,238.74*	
		For Class 54 Rating, Add	*1,717.26*	
		For Class 55 Rating, Add	*2,567.40*	
		For Class 56 Rating, Add	*3,406.28*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,236.66	1,546.81
		For Class 52 Rating, Deduct	*-1,308.23*	
		For Class 54 Rating, Add	*1,812.08*	
		For Class 55 Rating, Add	*2,708.39*	
		For Class 56 Rating, Add	*3,592.81*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,872.88	1,549.72
		For Class 52 Rating, Deduct	*-1,377.73*	
		For Class 54 Rating, Add	*1,906.90*	
		For Class 55 Rating, Add	*2,849.39*	
		For Class 56 Rating, Add	*3,779.35*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,509.09	1,552.65
		For Class 52 Rating, Deduct	*-1,447.23*	
		For Class 54 Rating, Add	*2,001.72*	
		For Class 55 Rating, Add	*2,990.38*	
		For Class 56 Rating, Add	*3,965.89*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,145.30	1,555.56
		For Class 52 Rating, Deduct	*-1,516.72*	
		For Class 54 Rating, Add	*2,096.54*	
		For Class 55 Rating, Add	*3,131.38*	
		For Class 56 Rating, Add	*4,152.42*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,781.50	1,558.48
		For Class 52 Rating, Deduct	*-1,586.22*	
		For Class 54 Rating, Add	*2,191.36*	
		For Class 55 Rating, Add	*3,272.37*	
		For Class 56 Rating, Add	*4,338.96*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,417.71	1,561.40
		For Class 52 Rating, Deduct	*-1,655.72*	
		For Class 54 Rating, Add	*2,286.18*	
		For Class 55 Rating, Add	*3,413.37*	
		For Class 56 Rating, Add	*4,525.50*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,053.93	1,564.32
		For Class 52 Rating, Deduct	*-1,725.21*	
		For Class 54 Rating, Add	*2,381.00*	
		For Class 55 Rating, Add	*3,554.36*	
		For Class 56 Rating, Add	*4,712.03*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,690.14	1,567.24
		For Class 52 Rating, Deduct	*-1,794.71*	
		For Class 54 Rating, Add	*2,475.83*	
		For Class 55 Rating, Add	*3,695.36*	
		For Class 56 Rating, Add	*4,898.57*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,326.34	1,570.16
		For Class 52 Rating, Deduct	*-1,864.21*	
		For Class 54 Rating, Add	*2,570.65*	
		For Class 55 Rating, Add	*3,836.35*	
		For Class 56 Rating, Add	*5,085.10*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,962.55	1,573.07
		For Class 52 Rating, Deduct	*-1,933.70*	
		For Class 54 Rating, Add	*2,665.47*	
		For Class 55 Rating, Add	*3,977.34*	
		For Class 56 Rating, Add	*5,271.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,598.76	1,575.99
		For Class 52 Rating, Deduct	*-2,003.20*	
		For Class 54 Rating, Add	*2,760.29*	
		For Class 55 Rating, Add	*4,118.34*	
		For Class 56 Rating, Add	*5,458.18*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,234.98	1,578.92
		For Class 52 Rating, Deduct	*-2,072.70*	
		For Class 54 Rating, Add	*2,855.11*	
		For Class 55 Rating, Add	*4,259.33*	
		For Class 56 Rating, Add	*5,644.72*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,871.18	1,581.83
		For Class 52 Rating, Deduct	*-2,142.19*	
		For Class 54 Rating, Add	*2,949.93*	
		For Class 55 Rating, Add	*4,400.33*	
		For Class 56 Rating, Add	*5,831.25*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,507.39	1,584.75
		For Class 52 Rating, Deduct	*-2,211.69*	
		For Class 54 Rating, Add	*3,044.75*	
		For Class 55 Rating, Add	*4,541.32*	
		For Class 56 Rating, Add	*6,017.79*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,143.60	1,587.66
		For Class 52 Rating, Deduct	*-2,281.19*	
		For Class 54 Rating, Add	*3,139.57*	
		For Class 55 Rating, Add	*4,682.32*	
		For Class 56 Rating, Add	*6,204.32*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,779.82	1,590.59
		For Class 52 Rating, Deduct	*-2,350.68*	
		For Class 54 Rating, Add	*3,234.40*	
		For Class 55 Rating, Add	*4,823.31*	
		For Class 56 Rating, Add	*6,390.86*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,416.02	1,593.51
		For Class 52 Rating, Deduct	*-2,420.18*	
		For Class 54 Rating, Add	*3,329.22*	
		For Class 55 Rating, Add	*4,964.31*	
		For Class 56 Rating, Add	*6,577.40*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,052.23	1,596.42
		For Class 52 Rating, Deduct	*-2,489.68*	
		For Class 54 Rating, Add	*3,424.04*	
		For Class 55 Rating, Add	*5,105.30*	
		For Class 56 Rating, Add	*6,763.93*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,688.44	1,599.34
		For Class 52 Rating, Deduct	*-2,559.17*	
		For Class 54 Rating, Add	*3,518.86*	
		For Class 55 Rating, Add	*5,246.30*	
		For Class 56 Rating, Add	*6,950.47*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,324.65	1,602.26
		For Class 52 Rating, Deduct	*-2,628.67*	
		For Class 54 Rating, Add	*3,613.68*	
		For Class 55 Rating, Add	*5,387.29*	
		For Class 56 Rating, Add	*7,137.01*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,960.86	1,605.18
		For Class 52 Rating, Deduct	*-2,698.16*	
		For Class 54 Rating, Add	*3,708.50*	
		For Class 55 Rating, Add	*5,528.29*	
		For Class 56 Rating, Add	*7,323.54*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,597.07	1,608.10
		For Class 52 Rating, Deduct	*-2,767.66*	
		For Class 54 Rating, Add	*3,803.32*	
		For Class 55 Rating, Add	*5,669.28*	
		For Class 56 Rating, Add	*7,510.08*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,233.28	1,611.01
		For Class 52 Rating, Deduct	*-2,837.16*	
		For Class 54 Rating, Add	*3,898.14*	
		For Class 55 Rating, Add	*5,810.28*	
		For Class 56 Rating, Add	*7,696.62*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,869.49	1,613.93
		For Class 52 Rating, Deduct	*-2,906.66*	
		For Class 54 Rating, Add	*3,992.97*	
		For Class 55 Rating, Add	*5,951.27*	
		For Class 56 Rating, Add	*7,883.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,505.69	1,616.85
		For Class 52 Rating, Deduct	*-2,976.15*	
		For Class 54 Rating, Add	*4,087.79*	
		For Class 55 Rating, Add	*6,092.26*	
		For Class 56 Rating, Add	*8,069.69*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,141.91	1,619.77
		For Class 52 Rating, Deduct	*-3,045.65*	
		For Class 54 Rating, Add	*4,182.61*	
		For Class 55 Rating, Add	*6,233.26*	
		For Class 56 Rating, Add	*8,256.23*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,778.12	1,622.69
		For Class 52 Rating, Deduct	*-3,115.15*	
		For Class 54 Rating, Add	*4,277.43*	
		For Class 55 Rating, Add	*6,374.26*	
		For Class 56 Rating, Add	*8,442.76*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,414.33	1,625.61
		For Class 52 Rating, Deduct	*-3,184.64*	
		For Class 54 Rating, Add	*4,372.25*	
		For Class 55 Rating, Add	*6,515.25*	
		For Class 56 Rating, Add	*8,629.30*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,050.53	1,628.52
		For Class 52 Rating, Deduct	*-3,254.14*	
		For Class 54 Rating, Add	*4,467.07*	
		For Class 55 Rating, Add	*6,656.24*	
		For Class 56 Rating, Add	*8,815.83*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,686.74	1,631.45
		For Class 52 Rating, Deduct	*-3,323.63*	
		For Class 54 Rating, Add	*4,561.89*	
		For Class 55 Rating, Add	*6,797.24*	
		For Class 56 Rating, Add	*9,002.37*	
40 05 19 00-1028		Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*		
40 05 19 00-1029		4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	488.90	142.73
		For Class 52 Rating, Deduct	*-29.99*	
		For Class 54 Rating, Add	*43.49*	
		For Class 55 Rating, Add	*65.99*	
		For Class 56 Rating, Add	*88.22*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	541.57	145.23
		For Class 52 Rating, Deduct	*-35.37*	
		For Class 54 Rating, Add	*50.87*	
		For Class 55 Rating, Add	*76.98*	
		For Class 56 Rating, Add	*102.77*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	594.24	147.73
		For Class 52 Rating, Deduct	*-40.75*	
		For Class 54 Rating, Add	*58.25*	
		For Class 55 Rating, Add	*87.98*	
		For Class 56 Rating, Add	*117.33*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	646.91	150.21
		For Class 52 Rating, Deduct	*-46.12*	
		For Class 54 Rating, Add	*65.63*	
		For Class 55 Rating, Add	*98.97*	
		For Class 56 Rating, Add	*131.89*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	699.58	152.72
		For Class 52 Rating, Deduct	*-51.50*	
		For Class 54 Rating, Add	*73.01*	
		For Class 55 Rating, Add	*109.96*	
		For Class 56 Rating, Add	*146.45*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	752.25	155.21
		For Class 52 Rating, Deduct	*-56.88*	
		For Class 54 Rating, Add	*80.39*	
		For Class 55 Rating, Add	*120.95*	
		For Class 56 Rating, Add	*161.01*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	804.92	157.71
		For Class 52 Rating, Deduct	*-62.26*	
		For Class 54 Rating, Add	*87.76*	
		For Class 55 Rating, Add	*131.95*	
		For Class 56 Rating, Add	*175.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	857.58	160.20
		For Class 52 Rating, Deduct	*-67.63*	
		For Class 54 Rating, Add	*95.14*	
		For Class 55 Rating, Add	*142.94*	
		For Class 56 Rating, Add	*190.12*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	910.26	162.69
		For Class 52 Rating, Deduct	*-73.01*	
		For Class 54 Rating, Add	*102.52*	
		For Class 55 Rating, Add	*153.93*	
		For Class 56 Rating, Add	*204.68*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	962.93	165.19
		For Class 52 Rating, Deduct	*-78.39*	
		For Class 54 Rating, Add	*109.90*	
		For Class 55 Rating, Add	*164.93*	
		For Class 56 Rating, Add	*219.24*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,015.60	167.68
		For Class 52 Rating, Deduct	*-83.77*	
		For Class 54 Rating, Add	*117.28*	
		For Class 55 Rating, Add	*175.92*	
		For Class 56 Rating, Add	*233.80*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,068.26	170.18
		For Class 52 Rating, Deduct	*-89.15*	
		For Class 54 Rating, Add	*124.66*	
		For Class 55 Rating, Add	*186.91*	
		For Class 56 Rating, Add	*248.36*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,120.93	172.68
		For Class 52 Rating, Deduct	*-94.52*	
		For Class 54 Rating, Add	*132.04*	
		For Class 55 Rating, Add	*197.91*	
		For Class 56 Rating, Add	*262.91*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.59	175.18
		For Class 52 Rating, Deduct	*-99.90*	
		For Class 54 Rating, Add	*139.41*	
		For Class 55 Rating, Add	*208.90*	
		For Class 56 Rating, Add	*277.47*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.27	177.66
		For Class 52 Rating, Deduct	*-105.28*	
		For Class 54 Rating, Add	*146.79*	
		For Class 55 Rating, Add	*219.89*	
		For Class 56 Rating, Add	*292.03*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,278.94	180.17
		For Class 52 Rating, Deduct	*-110.66*	
		For Class 54 Rating, Add	*154.17*	
		For Class 55 Rating, Add	*230.88*	
		For Class 56 Rating, Add	*306.59*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,331.61	182.66
		For Class 52 Rating, Deduct	*-116.03*	
		For Class 54 Rating, Add	*161.55*	
		For Class 55 Rating, Add	*241.88*	
		For Class 56 Rating, Add	*321.15*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,384.28	185.15
		For Class 52 Rating, Deduct	*-121.41*	
		For Class 54 Rating, Add	*168.93*	
		For Class 55 Rating, Add	*252.87*	
		For Class 56 Rating, Add	*335.71*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,436.95	187.65
		For Class 52 Rating, Deduct	*-126.79*	
		For Class 54 Rating, Add	*176.31*	
		For Class 55 Rating, Add	*263.86*	
		For Class 56 Rating, Add	*350.26*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,489.61	190.15
		For Class 52 Rating, Deduct	*-132.17*	
		For Class 54 Rating, Add	*183.69*	
		For Class 55 Rating, Add	*274.85*	
		For Class 56 Rating, Add	*364.82*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,542.29	192.64
		For Class 52 Rating, Deduct	*-137.55*	
		For Class 54 Rating, Add	*191.06*	
		For Class 55 Rating, Add	*285.85*	
		For Class 56 Rating, Add	*379.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,594.96	195.13
		For Class 52 Rating, Deduct	*-142.92*	
		For Class 54 Rating, Add	*198.44*	
		For Class 55 Rating, Add	*296.84*	
		For Class 56 Rating, Add	*393.94*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,647.63	197.63
		For Class 52 Rating, Deduct	*-148.30*	
		For Class 54 Rating, Add	*205.82*	
		For Class 55 Rating, Add	*307.83*	
		For Class 56 Rating, Add	*408.50*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,700.29	200.12
		For Class 52 Rating, Deduct	*-153.68*	
		For Class 54 Rating, Add	*213.20*	
		For Class 55 Rating, Add	*318.83*	
		For Class 56 Rating, Add	*423.05*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,752.96	202.62
		For Class 52 Rating, Deduct	*-159.06*	
		For Class 54 Rating, Add	*220.58*	
		For Class 55 Rating, Add	*329.82*	
		For Class 56 Rating, Add	*437.61*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,805.62	205.11
		For Class 52 Rating, Deduct	*-164.43*	
		For Class 54 Rating, Add	*227.96*	
		For Class 55 Rating, Add	*340.81*	
		For Class 56 Rating, Add	*452.17*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,858.30	207.61
		For Class 52 Rating, Deduct	*-169.81*	
		For Class 54 Rating, Add	*235.34*	
		For Class 55 Rating, Add	*351.80*	
		For Class 56 Rating, Add	*466.73*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.97	210.11
		For Class 52 Rating, Deduct	*-175.19*	
		For Class 54 Rating, Add	*242.71*	
		For Class 55 Rating, Add	*362.80*	
		For Class 56 Rating, Add	*481.29*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,963.64	212.60
		For Class 52 Rating, Deduct	*-180.57*	
		For Class 54 Rating, Add	*250.09*	
		For Class 55 Rating, Add	*373.79*	
		For Class 56 Rating, Add	*495.84*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,016.31	215.09
		For Class 52 Rating, Deduct	*-185.95*	
		For Class 54 Rating, Add	*257.47*	
		For Class 55 Rating, Add	*384.78*	
		For Class 56 Rating, Add	*510.40*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,068.98	217.60
		For Class 52 Rating, Deduct	*-191.32*	
		For Class 54 Rating, Add	*264.85*	
		For Class 55 Rating, Add	*395.78*	
		For Class 56 Rating, Add	*524.96*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,121.64	220.09
		For Class 52 Rating, Deduct	*-196.70*	
		For Class 54 Rating, Add	*272.23*	
		For Class 55 Rating, Add	*406.77*	
		For Class 56 Rating, Add	*539.52*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,174.32	222.58
		For Class 52 Rating, Deduct	*-202.08*	
		For Class 54 Rating, Add	*279.61*	
		For Class 55 Rating, Add	*417.76*	
		For Class 56 Rating, Add	*554.08*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,226.99	225.08
		For Class 52 Rating, Deduct	*-207.46*	
		For Class 54 Rating, Add	*286.99*	
		For Class 55 Rating, Add	*428.75*	
		For Class 56 Rating, Add	*568.64*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,279.66	227.58
		For Class 52 Rating, Deduct	*-212.83*	
		For Class 54 Rating, Add	*294.37*	
		For Class 55 Rating, Add	*439.75*	
		For Class 56 Rating, Add	*583.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,332.32	230.07
		For Class 52 Rating, Deduct	*-218.21*	
		For Class 54 Rating, Add	*301.74*	
		For Class 55 Rating, Add	*450.74*	
		For Class 56 Rating, Add	*597.75*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,384.99	232.56
		For Class 52 Rating, Deduct	*-223.59*	
		For Class 54 Rating, Add	*309.12*	
		For Class 55 Rating, Add	*461.73*	
		For Class 56 Rating, Add	*612.31*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.65	235.06
		For Class 52 Rating, Deduct	*-228.97*	
		For Class 54 Rating, Add	*316.50*	
		For Class 55 Rating, Add	*472.72*	
		For Class 56 Rating, Add	*626.87*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,490.32	237.56
		For Class 52 Rating, Deduct	*-234.34*	
		For Class 54 Rating, Add	*323.88*	
		For Class 55 Rating, Add	*483.72*	
		For Class 56 Rating, Add	*641.43*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	612.56	179.67
		For Class 52 Rating, Deduct	*-37.44*	
		For Class 54 Rating, Add	*54.32*	
		For Class 55 Rating, Add	*82.43*	
		For Class 56 Rating, Add	*110.20*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	676.51	182.16
		For Class 52 Rating, Deduct	*-44.06*	
		For Class 54 Rating, Add	*63.39*	
		For Class 55 Rating, Add	*95.94*	
		For Class 56 Rating, Add	*128.09*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	740.46	184.65
		For Class 52 Rating, Deduct	*-50.67*	
		For Class 54 Rating, Add	*72.46*	
		For Class 55 Rating, Add	*109.45*	
		For Class 56 Rating, Add	*145.97*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	804.41	187.15
		For Class 52 Rating, Deduct	*-57.29*	
		For Class 54 Rating, Add	*81.53*	
		For Class 55 Rating, Add	*122.95*	
		For Class 56 Rating, Add	*163.86*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	868.36	189.64
		For Class 52 Rating, Deduct	*-63.91*	
		For Class 54 Rating, Add	*90.60*	
		For Class 55 Rating, Add	*136.46*	
		For Class 56 Rating, Add	*181.75*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	932.31	192.14
		For Class 52 Rating, Deduct	*-70.53*	
		For Class 54 Rating, Add	*99.67*	
		For Class 55 Rating, Add	*149.97*	
		For Class 56 Rating, Add	*199.63*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	996.27	194.63
		For Class 52 Rating, Deduct	*-77.15*	
		For Class 54 Rating, Add	*108.74*	
		For Class 55 Rating, Add	*163.48*	
		For Class 56 Rating, Add	*217.52*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.22	197.13
		For Class 52 Rating, Deduct	*-83.77*	
		For Class 54 Rating, Add	*117.81*	
		For Class 55 Rating, Add	*176.99*	
		For Class 56 Rating, Add	*235.40*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,124.16	199.63
		For Class 52 Rating, Deduct	*-90.39*	
		For Class 54 Rating, Add	*126.88*	
		For Class 55 Rating, Add	*190.50*	
		For Class 56 Rating, Add	*253.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,188.11	202.12
		For Class 52 Rating, Deduct	*-97.01*	
		For Class 54 Rating, Add	*135.96*	
		For Class 55 Rating, Add	*204.01*	
		For Class 56 Rating, Add	*271.18*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,252.06	204.61
		For Class 52 Rating, Deduct	*-103.62*	
		For Class 54 Rating, Add	*145.03*	
		For Class 55 Rating, Add	*217.52*	
		For Class 56 Rating, Add	*289.06*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,316.01	207.12
		For Class 52 Rating, Deduct	*-110.24*	
		For Class 54 Rating, Add	*154.10*	
		For Class 55 Rating, Add	*231.02*	
		For Class 56 Rating, Add	*306.95*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,379.97	209.60
		For Class 52 Rating, Deduct	*-116.86*	
		For Class 54 Rating, Add	*163.17*	
		For Class 55 Rating, Add	*244.53*	
		For Class 56 Rating, Add	*324.84*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,443.92	212.10
		For Class 52 Rating, Deduct	*-123.48*	
		For Class 54 Rating, Add	*172.24*	
		For Class 55 Rating, Add	*258.04*	
		For Class 56 Rating, Add	*342.72*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,507.87	214.60
		For Class 52 Rating, Deduct	*-130.10*	
		For Class 54 Rating, Add	*181.31*	
		For Class 55 Rating, Add	*271.55*	
		For Class 56 Rating, Add	*360.61*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,571.82	217.10
		For Class 52 Rating, Deduct	*-136.72*	
		For Class 54 Rating, Add	*190.38*	
		For Class 55 Rating, Add	*285.06*	
		For Class 56 Rating, Add	*378.49*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,635.77	219.58
		For Class 52 Rating, Deduct	*-143.34*	
		For Class 54 Rating, Add	*199.45*	
		For Class 55 Rating, Add	*298.57*	
		For Class 56 Rating, Add	*396.38*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,699.72	222.08
		For Class 52 Rating, Deduct	*-149.96*	
		For Class 54 Rating, Add	*208.52*	
		For Class 55 Rating, Add	*312.08*	
		For Class 56 Rating, Add	*414.27*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,763.67	224.58
		For Class 52 Rating, Deduct	*-156.57*	
		For Class 54 Rating, Add	*217.59*	
		For Class 55 Rating, Add	*325.58*	
		For Class 56 Rating, Add	*432.15*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,827.63	227.07
		For Class 52 Rating, Deduct	*-163.19*	
		For Class 54 Rating, Add	*226.66*	
		For Class 55 Rating, Add	*339.09*	
		For Class 56 Rating, Add	*450.04*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,891.57	229.57
		For Class 52 Rating, Deduct	*-169.81*	
		For Class 54 Rating, Add	*235.73*	
		For Class 55 Rating, Add	*352.60*	
		For Class 56 Rating, Add	*467.93*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,955.52	232.06
		For Class 52 Rating, Deduct	*-176.43*	
		For Class 54 Rating, Add	*244.81*	
		For Class 55 Rating, Add	*366.11*	
		For Class 56 Rating, Add	*485.81*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,019.47	234.57
		For Class 52 Rating, Deduct	*-183.05*	
		For Class 54 Rating, Add	*253.88*	
		For Class 55 Rating, Add	*379.62*	
		For Class 56 Rating, Add	*503.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,083.42	237.05
		For Class 52 Rating, Deduct	*-189.67*	
		For Class 54 Rating, Add	*262.95*	
		For Class 55 Rating, Add	*393.13*	
		For Class 56 Rating, Add	*521.58*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,147.37	239.55
		For Class 52 Rating, Deduct	*-196.29*	
		For Class 54 Rating, Add	*272.02*	
		For Class 55 Rating, Add	*406.64*	
		For Class 56 Rating, Add	*539.47*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,211.33	242.05
		For Class 52 Rating, Deduct	*-202.90*	
		For Class 54 Rating, Add	*281.09*	
		For Class 55 Rating, Add	*420.15*	
		For Class 56 Rating, Add	*557.36*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,275.28	244.55
		For Class 52 Rating, Deduct	*-209.52*	
		For Class 54 Rating, Add	*290.16*	
		For Class 55 Rating, Add	*433.65*	
		For Class 56 Rating, Add	*575.24*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,339.23	247.03
		For Class 52 Rating, Deduct	*-216.14*	
		For Class 54 Rating, Add	*299.23*	
		For Class 55 Rating, Add	*447.16*	
		For Class 56 Rating, Add	*593.13*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.18	249.54
		For Class 52 Rating, Deduct	*-222.76*	
		For Class 54 Rating, Add	*308.30*	
		For Class 55 Rating, Add	*460.67*	
		For Class 56 Rating, Add	*611.02*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,467.13	252.03
		For Class 52 Rating, Deduct	*-229.38*	
		For Class 54 Rating, Add	*317.37*	
		For Class 55 Rating, Add	*474.18*	
		For Class 56 Rating, Add	*628.90*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,531.09	254.52
		For Class 52 Rating, Deduct	*-236.00*	
		For Class 54 Rating, Add	*326.45*	
		For Class 55 Rating, Add	*487.69*	
		For Class 56 Rating, Add	*646.79*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,595.05	257.02
		For Class 52 Rating, Deduct	*-242.62*	
		For Class 54 Rating, Add	*335.52*	
		For Class 55 Rating, Add	*501.20*	
		For Class 56 Rating, Add	*664.68*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,658.99	259.52
		For Class 52 Rating, Deduct	*-249.24*	
		For Class 54 Rating, Add	*344.59*	
		For Class 55 Rating, Add	*514.71*	
		For Class 56 Rating, Add	*682.56*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,722.94	262.01
		For Class 52 Rating, Deduct	*-255.86*	
		For Class 54 Rating, Add	*353.66*	
		For Class 55 Rating, Add	*528.22*	
		For Class 56 Rating, Add	*700.45*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,786.89	264.50
		For Class 52 Rating, Deduct	*-262.47*	
		For Class 54 Rating, Add	*362.73*	
		For Class 55 Rating, Add	*541.73*	
		For Class 56 Rating, Add	*718.34*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,850.84	267.00
		For Class 52 Rating, Deduct	*-269.09*	
		For Class 54 Rating, Add	*371.80*	
		For Class 55 Rating, Add	*555.23*	
		For Class 56 Rating, Add	*736.22*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,914.79	269.49
		For Class 52 Rating, Deduct	*-275.71*	
		For Class 54 Rating, Add	*380.87*	
		For Class 55 Rating, Add	*568.74*	
		For Class 56 Rating, Add	*754.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,978.75	271.99
		For Class 52 Rating, Deduct	*-282.33*	
		For Class 54 Rating, Add	*389.94*	
		For Class 55 Rating, Add	*582.25*	
		For Class 56 Rating, Add	*771.99*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,042.70	274.48
		For Class 52 Rating, Deduct	*-288.95*	
		For Class 54 Rating, Add	*399.01*	
		For Class 55 Rating, Add	*595.76*	
		For Class 56 Rating, Add	*789.88*	
40 05 19 00-1109		8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	842.35	229.57
		For Class 52 Rating, Deduct	*-54.40*	
		For Class 54 Rating, Add	*78.35*	
		For Class 55 Rating, Add	*118.63*	
		For Class 56 Rating, Add	*158.41*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	928.87	232.06
		For Class 52 Rating, Deduct	*-63.50*	
		For Class 54 Rating, Add	*90.81*	
		For Class 55 Rating, Add	*137.17*	
		For Class 56 Rating, Add	*182.95*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,015.38	234.57
		For Class 52 Rating, Deduct	*-72.60*	
		For Class 54 Rating, Add	*103.26*	
		For Class 55 Rating, Add	*155.71*	
		For Class 56 Rating, Add	*207.49*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,101.90	237.05
		For Class 52 Rating, Deduct	*-81.70*	
		For Class 54 Rating, Add	*115.72*	
		For Class 55 Rating, Add	*174.25*	
		For Class 56 Rating, Add	*232.04*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,188.41	239.55
		For Class 52 Rating, Deduct	*-90.80*	
		For Class 54 Rating, Add	*128.17*	
		For Class 55 Rating, Add	*192.79*	
		For Class 56 Rating, Add	*256.58*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,274.93	242.05
		For Class 52 Rating, Deduct	*-99.90*	
		For Class 54 Rating, Add	*140.63*	
		For Class 55 Rating, Add	*211.33*	
		For Class 56 Rating, Add	*281.12*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,361.45	244.55
		For Class 52 Rating, Deduct	*-109.00*	
		For Class 54 Rating, Add	*153.09*	
		For Class 55 Rating, Add	*229.87*	
		For Class 56 Rating, Add	*305.66*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,447.96	247.03
		For Class 52 Rating, Deduct	*-118.10*	
		For Class 54 Rating, Add	*165.54*	
		For Class 55 Rating, Add	*248.41*	
		For Class 56 Rating, Add	*330.20*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,534.48	249.54
		For Class 52 Rating, Deduct	*-127.20*	
		For Class 54 Rating, Add	*178.00*	
		For Class 55 Rating, Add	*266.95*	
		For Class 56 Rating, Add	*354.75*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,620.99	252.03
		For Class 52 Rating, Deduct	*-136.30*	
		For Class 54 Rating, Add	*190.45*	
		For Class 55 Rating, Add	*285.49*	
		For Class 56 Rating, Add	*379.29*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,707.50	254.52
		For Class 52 Rating, Deduct	*-145.40*	
		For Class 54 Rating, Add	*202.91*	
		For Class 55 Rating, Add	*304.03*	
		For Class 56 Rating, Add	*403.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,794.03	257.02
		For Class 52 Rating, Deduct	*-154.51*	
		For Class 54 Rating, Add	*215.36*	
		For Class 55 Rating, Add	*322.57*	
		For Class 56 Rating, Add	*428.38*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,880.53	259.52
		For Class 52 Rating, Deduct	*-163.61*	
		For Class 54 Rating, Add	*227.82*	
		For Class 55 Rating, Add	*341.11*	
		For Class 56 Rating, Add	*452.92*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,967.05	262.01
		For Class 52 Rating, Deduct	*-172.71*	
		For Class 54 Rating, Add	*240.27*	
		For Class 55 Rating, Add	*359.65*	
		For Class 56 Rating, Add	*477.46*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,053.56	264.50
		For Class 52 Rating, Deduct	*-181.81*	
		For Class 54 Rating, Add	*252.73*	
		For Class 55 Rating, Add	*378.19*	
		For Class 56 Rating, Add	*502.00*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,140.08	267.00
		For Class 52 Rating, Deduct	*-190.91*	
		For Class 54 Rating, Add	*265.19*	
		For Class 55 Rating, Add	*396.73*	
		For Class 56 Rating, Add	*526.55*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,226.59	269.49
		For Class 52 Rating, Deduct	*-200.01*	
		For Class 54 Rating, Add	*277.64*	
		For Class 55 Rating, Add	*415.27*	
		For Class 56 Rating, Add	*551.09*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,313.11	271.99
		For Class 52 Rating, Deduct	*-209.11*	
		For Class 54 Rating, Add	*290.10*	
		For Class 55 Rating, Add	*433.81*	
		For Class 56 Rating, Add	*575.63*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,399.63	274.48
		For Class 52 Rating, Deduct	*-218.21*	
		For Class 54 Rating, Add	*302.55*	
		For Class 55 Rating, Add	*452.36*	
		For Class 56 Rating, Add	*600.18*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,486.14	276.98
		For Class 52 Rating, Deduct	*-227.31*	
		For Class 54 Rating, Add	*315.01*	
		For Class 55 Rating, Add	*470.89*	
		For Class 56 Rating, Add	*624.72*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,572.66	279.48
		For Class 52 Rating, Deduct	*-236.41*	
		For Class 54 Rating, Add	*327.46*	
		For Class 55 Rating, Add	*489.44*	
		For Class 56 Rating, Add	*649.26*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,659.17	281.97
		For Class 52 Rating, Deduct	*-245.51*	
		For Class 54 Rating, Add	*339.92*	
		For Class 55 Rating, Add	*507.98*	
		For Class 56 Rating, Add	*673.80*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,745.68	284.46
		For Class 52 Rating, Deduct	*-254.61*	
		For Class 54 Rating, Add	*352.37*	
		For Class 55 Rating, Add	*526.52*	
		For Class 56 Rating, Add	*698.34*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,832.21	286.97
		For Class 52 Rating, Deduct	*-263.72*	
		For Class 54 Rating, Add	*364.83*	
		For Class 55 Rating, Add	*545.06*	
		For Class 56 Rating, Add	*722.89*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,918.71	289.46
		For Class 52 Rating, Deduct	*-272.82*	
		For Class 54 Rating, Add	*377.28*	
		For Class 55 Rating, Add	*563.60*	
		For Class 56 Rating, Add	*747.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,005.23	291.95
		For Class 52 Rating, Deduct	*-281.92*	
		For Class 54 Rating, Add	*389.74*	
		For Class 55 Rating, Add	*582.14*	
		For Class 56 Rating, Add	*771.97*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,091.74	294.45
		For Class 52 Rating, Deduct	*-291.02*	
		For Class 54 Rating, Add	*402.20*	
		For Class 55 Rating, Add	*600.68*	
		For Class 56 Rating, Add	*796.52*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,178.25	296.95
		For Class 52 Rating, Deduct	*-300.12*	
		For Class 54 Rating, Add	*414.65*	
		For Class 55 Rating, Add	*619.22*	
		For Class 56 Rating, Add	*821.06*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,264.77	299.44
		For Class 52 Rating, Deduct	*-309.22*	
		For Class 54 Rating, Add	*427.11*	
		For Class 55 Rating, Add	*637.76*	
		For Class 56 Rating, Add	*845.60*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,351.28	301.93
		For Class 52 Rating, Deduct	*-318.32*	
		For Class 54 Rating, Add	*439.56*	
		For Class 55 Rating, Add	*656.30*	
		For Class 56 Rating, Add	*870.14*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,437.81	304.43
		For Class 52 Rating, Deduct	*-327.42*	
		For Class 54 Rating, Add	*452.02*	
		For Class 55 Rating, Add	*674.84*	
		For Class 56 Rating, Add	*894.69*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,524.32	306.93
		For Class 52 Rating, Deduct	*-336.52*	
		For Class 54 Rating, Add	*464.47*	
		For Class 55 Rating, Add	*693.38*	
		For Class 56 Rating, Add	*919.23*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,610.83	309.42
		For Class 52 Rating, Deduct	*-345.62*	
		For Class 54 Rating, Add	*476.93*	
		For Class 55 Rating, Add	*711.92*	
		For Class 56 Rating, Add	*943.77*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,697.35	311.91
		For Class 52 Rating, Deduct	*-354.72*	
		For Class 54 Rating, Add	*489.38*	
		For Class 55 Rating, Add	*730.46*	
		For Class 56 Rating, Add	*968.31*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,783.86	314.42
		For Class 52 Rating, Deduct	*-363.82*	
		For Class 54 Rating, Add	*501.84*	
		For Class 55 Rating, Add	*749.00*	
		For Class 56 Rating, Add	*992.86*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,870.38	316.90
		For Class 52 Rating, Deduct	*-372.92*	
		For Class 54 Rating, Add	*514.29*	
		For Class 55 Rating, Add	*767.54*	
		For Class 56 Rating, Add	*1,017.40*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.90	319.40
		For Class 52 Rating, Deduct	*-382.02*	
		For Class 54 Rating, Add	*526.75*	
		For Class 55 Rating, Add	*786.08*	
		For Class 56 Rating, Add	*1,041.94*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,043.41	321.90
		For Class 52 Rating, Deduct	*-391.13*	
		For Class 54 Rating, Add	*539.21*	
		For Class 55 Rating, Add	*804.62*	
		For Class 56 Rating, Add	*1,066.49*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,129.92	324.40
		For Class 52 Rating, Deduct	*-400.23*	
		For Class 54 Rating, Add	*551.66*	
		For Class 55 Rating, Add	*823.16*	
		For Class 56 Rating, Add	*1,091.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.88	279.48
		For Class 52 Rating, Deduct	*-70.12*	
		For Class 54 Rating, Add	*100.70*	
		For Class 55 Rating, Add	*152.31*	
		For Class 56 Rating, Add	*203.29*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.72	281.97
		For Class 52 Rating, Deduct	*-82.11*	
		For Class 54 Rating, Add	*117.10*	
		For Class 55 Rating, Add	*176.72*	
		For Class 56 Rating, Add	*235.59*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,286.56	284.46
		For Class 52 Rating, Deduct	*-94.11*	
		For Class 54 Rating, Add	*133.50*	
		For Class 55 Rating, Add	*201.13*	
		For Class 56 Rating, Add	*267.90*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,399.40	286.97
		For Class 52 Rating, Deduct	*-106.11*	
		For Class 54 Rating, Add	*149.91*	
		For Class 55 Rating, Add	*225.54*	
		For Class 56 Rating, Add	*300.21*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,512.23	289.46
		For Class 52 Rating, Deduct	*-118.10*	
		For Class 54 Rating, Add	*166.31*	
		For Class 55 Rating, Add	*249.95*	
		For Class 56 Rating, Add	*332.52*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,625.07	291.95
		For Class 52 Rating, Deduct	*-130.10*	
		For Class 54 Rating, Add	*182.72*	
		For Class 55 Rating, Add	*274.36*	
		For Class 56 Rating, Add	*364.83*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,737.91	294.45
		For Class 52 Rating, Deduct	*-142.10*	
		For Class 54 Rating, Add	*199.12*	
		For Class 55 Rating, Add	*298.77*	
		For Class 56 Rating, Add	*397.14*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,850.75	296.95
		For Class 52 Rating, Deduct	*-154.09*	
		For Class 54 Rating, Add	*215.52*	
		For Class 55 Rating, Add	*323.19*	
		For Class 56 Rating, Add	*429.44*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,963.59	299.44
		For Class 52 Rating, Deduct	*-166.09*	
		For Class 54 Rating, Add	*231.93*	
		For Class 55 Rating, Add	*347.60*	
		For Class 56 Rating, Add	*461.75*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,076.43	301.93
		For Class 52 Rating, Deduct	*-178.09*	
		For Class 54 Rating, Add	*248.33*	
		For Class 55 Rating, Add	*372.01*	
		For Class 56 Rating, Add	*494.06*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,189.27	304.43
		For Class 52 Rating, Deduct	*-190.08*	
		For Class 54 Rating, Add	*264.74*	
		For Class 55 Rating, Add	*396.42*	
		For Class 56 Rating, Add	*526.37*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,302.11	306.93
		For Class 52 Rating, Deduct	*-202.08*	
		For Class 54 Rating, Add	*281.14*	
		For Class 55 Rating, Add	*420.83*	
		For Class 56 Rating, Add	*558.68*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,414.95	309.42
		For Class 52 Rating, Deduct	*-214.07*	
		For Class 54 Rating, Add	*297.55*	
		For Class 55 Rating, Add	*445.24*	
		For Class 56 Rating, Add	*590.99*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,527.79	311.91
		For Class 52 Rating, Deduct	*-226.07*	
		For Class 54 Rating, Add	*313.95*	
		For Class 55 Rating, Add	*469.65*	
		For Class 56 Rating, Add	*623.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,640.63	314.42
		For Class 52 Rating, Deduct	*-238.07*	
		For Class 54 Rating, Add	*330.35*	
		For Class 55 Rating, Add	*494.06*	
		For Class 56 Rating, Add	*655.60*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,753.47	316.90
		For Class 52 Rating, Deduct	*-250.06*	
		For Class 54 Rating, Add	*346.76*	
		For Class 55 Rating, Add	*518.47*	
		For Class 56 Rating, Add	*687.91*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.32	319.40
		For Class 52 Rating, Deduct	*-262.06*	
		For Class 54 Rating, Add	*363.16*	
		For Class 55 Rating, Add	*542.88*	
		For Class 56 Rating, Add	*720.22*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,979.14	321.90
		For Class 52 Rating, Deduct	*-274.06*	
		For Class 54 Rating, Add	*379.57*	
		For Class 55 Rating, Add	*567.29*	
		For Class 56 Rating, Add	*752.53*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,091.98	324.40
		For Class 52 Rating, Deduct	*-286.05*	
		For Class 54 Rating, Add	*395.97*	
		For Class 55 Rating, Add	*591.70*	
		For Class 56 Rating, Add	*784.84*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,204.82	326.88
		For Class 52 Rating, Deduct	*-298.05*	
		For Class 54 Rating, Add	*412.37*	
		For Class 55 Rating, Add	*616.11*	
		For Class 56 Rating, Add	*817.14*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,317.66	329.39
		For Class 52 Rating, Deduct	*-310.05*	
		For Class 54 Rating, Add	*428.78*	
		For Class 55 Rating, Add	*640.53*	
		For Class 56 Rating, Add	*849.45*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,430.50	331.88
		For Class 52 Rating, Deduct	*-322.04*	
		For Class 54 Rating, Add	*445.18*	
		For Class 55 Rating, Add	*664.94*	
		For Class 56 Rating, Add	*881.76*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,543.35	334.36
		For Class 52 Rating, Deduct	*-334.04*	
		For Class 54 Rating, Add	*461.59*	
		For Class 55 Rating, Add	*689.35*	
		For Class 56 Rating, Add	*914.07*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,656.19	336.87
		For Class 52 Rating, Deduct	*-346.04*	
		For Class 54 Rating, Add	*477.99*	
		For Class 55 Rating, Add	*713.76*	
		For Class 56 Rating, Add	*946.38*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,769.02	339.36
		For Class 52 Rating, Deduct	*-358.03*	
		For Class 54 Rating, Add	*494.39*	
		For Class 55 Rating, Add	*738.17*	
		For Class 56 Rating, Add	*978.69*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,881.86	341.86
		For Class 52 Rating, Deduct	*-370.03*	
		For Class 54 Rating, Add	*510.80*	
		For Class 55 Rating, Add	*762.58*	
		For Class 56 Rating, Add	*1,010.99*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,994.70	344.35
		For Class 52 Rating, Deduct	*-382.02*	
		For Class 54 Rating, Add	*527.20*	
		For Class 55 Rating, Add	*786.99*	
		For Class 56 Rating, Add	*1,043.30*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,107.54	346.85
		For Class 52 Rating, Deduct	*-394.02*	
		For Class 54 Rating, Add	*543.61*	
		For Class 55 Rating, Add	*811.40*	
		For Class 56 Rating, Add	*1,075.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,220.39	349.34
		For Class 52 Rating, Deduct	*-406.02*	
		For Class 54 Rating, Add	*560.01*	
		For Class 55 Rating, Add	*835.81*	
		For Class 56 Rating, Add	*1,107.92*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,333.22	351.85
		For Class 52 Rating, Deduct	*-418.01*	
		For Class 54 Rating, Add	*576.42*	
		For Class 55 Rating, Add	*860.22*	
		For Class 56 Rating, Add	*1,140.23*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,446.06	354.33
		For Class 52 Rating, Deduct	*-430.01*	
		For Class 54 Rating, Add	*592.82*	
		For Class 55 Rating, Add	*884.63*	
		For Class 56 Rating, Add	*1,172.54*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,558.89	356.83
		For Class 52 Rating, Deduct	*-442.01*	
		For Class 54 Rating, Add	*609.22*	
		For Class 55 Rating, Add	*909.04*	
		For Class 56 Rating, Add	*1,204.84*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,671.73	359.33
		For Class 52 Rating, Deduct	*-454.00*	
		For Class 54 Rating, Add	*625.63*	
		For Class 55 Rating, Add	*933.45*	
		For Class 56 Rating, Add	*1,237.15*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,784.57	361.82
		For Class 52 Rating, Deduct	*-466.00*	
		For Class 54 Rating, Add	*642.03*	
		For Class 55 Rating, Add	*957.87*	
		For Class 56 Rating, Add	*1,269.46*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,897.42	364.32
		For Class 52 Rating, Deduct	*-478.00*	
		For Class 54 Rating, Add	*658.44*	
		For Class 55 Rating, Add	*982.28*	
		For Class 56 Rating, Add	*1,301.77*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,010.26	366.82
		For Class 52 Rating, Deduct	*-489.99*	
		For Class 54 Rating, Add	*674.84*	
		For Class 55 Rating, Add	*1,006.69*	
		For Class 56 Rating, Add	*1,334.08*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,123.10	369.31
		For Class 52 Rating, Deduct	*-501.99*	
		For Class 54 Rating, Add	*691.25*	
		For Class 55 Rating, Add	*1,031.10*	
		For Class 56 Rating, Add	*1,366.39*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,235.94	371.80
		For Class 52 Rating, Deduct	*-513.99*	
		For Class 54 Rating, Add	*707.65*	
		For Class 55 Rating, Add	*1,055.51*	
		For Class 56 Rating, Add	*1,398.70*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,348.77	374.30
		For Class 52 Rating, Deduct	*-525.98*	
		For Class 54 Rating, Add	*724.05*	
		For Class 55 Rating, Add	*1,079.92*	
		For Class 56 Rating, Add	*1,431.00*	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,379.22	349.34
		For Class 52 Rating, Deduct	*-93.49*	
		For Class 54 Rating, Add	*133.84*	
		For Class 55 Rating, Add	*202.23*	
		For Class 56 Rating, Add	*269.78*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,520.26	351.85
		For Class 52 Rating, Deduct	*-108.59*	
		For Class 54 Rating, Add	*154.47*	
		For Class 55 Rating, Add	*232.93*	
		For Class 56 Rating, Add	*310.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,661.30	354.33
		For Class 52 Rating, Deduct	*-123.69*	
		For Class 54 Rating, Add	*175.11*	
		For Class 55 Rating, Add	*263.63*	
		For Class 56 Rating, Add	*351.03*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,802.34	356.83
		For Class 52 Rating, Deduct	*-138.79*	
		For Class 54 Rating, Add	*195.74*	
		For Class 55 Rating, Add	*294.33*	
		For Class 56 Rating, Add	*391.66*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,943.39	359.33
		For Class 52 Rating, Deduct	*-153.89*	
		For Class 54 Rating, Add	*216.38*	
		For Class 55 Rating, Add	*325.03*	
		For Class 56 Rating, Add	*432.29*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,084.43	361.82
		For Class 52 Rating, Deduct	*-168.98*	
		For Class 54 Rating, Add	*237.01*	
		For Class 55 Rating, Add	*355.73*	
		For Class 56 Rating, Add	*472.92*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,225.48	364.32
		For Class 52 Rating, Deduct	*-184.08*	
		For Class 54 Rating, Add	*257.65*	
		For Class 55 Rating, Add	*386.43*	
		For Class 56 Rating, Add	*513.55*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,366.53	366.82
		For Class 52 Rating, Deduct	*-199.18*	
		For Class 54 Rating, Add	*278.28*	
		For Class 55 Rating, Add	*417.14*	
		For Class 56 Rating, Add	*554.18*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,507.57	369.31
		For Class 52 Rating, Deduct	*-214.28*	
		For Class 54 Rating, Add	*298.92*	
		For Class 55 Rating, Add	*447.84*	
		For Class 56 Rating, Add	*594.81*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,648.61	371.80
		For Class 52 Rating, Deduct	*-229.38*	
		For Class 54 Rating, Add	*319.55*	
		For Class 55 Rating, Add	*478.54*	
		For Class 56 Rating, Add	*635.43*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,789.66	374.30
		For Class 52 Rating, Deduct	*-244.48*	
		For Class 54 Rating, Add	*340.19*	
		For Class 55 Rating, Add	*509.24*	
		For Class 56 Rating, Add	*676.07*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,930.70	376.79
		For Class 52 Rating, Deduct	*-259.58*	
		For Class 54 Rating, Add	*360.82*	
		For Class 55 Rating, Add	*539.94*	
		For Class 56 Rating, Add	*716.69*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,071.74	379.29
		For Class 52 Rating, Deduct	*-274.68*	
		For Class 54 Rating, Add	*381.46*	
		For Class 55 Rating, Add	*570.64*	
		For Class 56 Rating, Add	*757.32*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.79	381.78
		For Class 52 Rating, Deduct	*-289.78*	
		For Class 54 Rating, Add	*402.09*	
		For Class 55 Rating, Add	*601.34*	
		For Class 56 Rating, Add	*797.95*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,353.83	384.28
		For Class 52 Rating, Deduct	*-304.87*	
		For Class 54 Rating, Add	*422.73*	
		For Class 55 Rating, Add	*632.04*	
		For Class 56 Rating, Add	*838.58*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,494.88	386.78
		For Class 52 Rating, Deduct	*-319.97*	
		For Class 54 Rating, Add	*443.36*	
		For Class 55 Rating, Add	*662.74*	
		For Class 56 Rating, Add	*879.21*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,635.92	389.27
		For Class 52 Rating, Deduct	*-335.07*	
		For Class 54 Rating, Add	*464.00*	
		For Class 55 Rating, Add	*693.44*	
		For Class 56 Rating, Add	*919.84*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,776.96	391.76
		For Class 52 Rating, Deduct	*-350.17*	
		For Class 54 Rating, Add	*484.63*	
		For Class 55 Rating, Add	*724.14*	
		For Class 56 Rating, Add	*960.47*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,918.01	394.27
		For Class 52 Rating, Deduct	*-365.27*	
		For Class 54 Rating, Add	*505.27*	
		For Class 55 Rating, Add	*754.84*	
		For Class 56 Rating, Add	*1,001.10*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,059.06	396.75
		For Class 52 Rating, Deduct	*-380.37*	
		For Class 54 Rating, Add	*525.90*	
		For Class 55 Rating, Add	*785.54*	
		For Class 56 Rating, Add	*1,041.72*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,200.10	399.25
		For Class 52 Rating, Deduct	*-395.47*	
		For Class 54 Rating, Add	*546.53*	
		For Class 55 Rating, Add	*816.24*	
		For Class 56 Rating, Add	*1,082.35*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,341.15	401.75
		For Class 52 Rating, Deduct	*-410.57*	
		For Class 54 Rating, Add	*567.17*	
		For Class 55 Rating, Add	*846.94*	
		For Class 56 Rating, Add	*1,122.98*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,482.19	404.25
		For Class 52 Rating, Deduct	*-425.67*	
		For Class 54 Rating, Add	*587.80*	
		For Class 55 Rating, Add	*877.64*	
		For Class 56 Rating, Add	*1,163.61*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,623.23	406.73
		For Class 52 Rating, Deduct	*-440.77*	
		For Class 54 Rating, Add	*608.44*	
		For Class 55 Rating, Add	*908.34*	
		For Class 56 Rating, Add	*1,204.24*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,764.28	409.23
		For Class 52 Rating, Deduct	*-455.87*	
		For Class 54 Rating, Add	*629.08*	
		For Class 55 Rating, Add	*939.04*	
		For Class 56 Rating, Add	*1,244.87*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,905.32	411.73
		For Class 52 Rating, Deduct	*-470.96*	
		For Class 54 Rating, Add	*649.71*	
		For Class 55 Rating, Add	*969.74*	
		For Class 56 Rating, Add	*1,285.50*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,046.36	414.22
		For Class 52 Rating, Deduct	*-486.06*	
		For Class 54 Rating, Add	*670.34*	
		For Class 55 Rating, Add	*1,000.44*	
		For Class 56 Rating, Add	*1,326.13*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,187.41	416.72
		For Class 52 Rating, Deduct	*-501.16*	
		For Class 54 Rating, Add	*690.98*	
		For Class 55 Rating, Add	*1,031.15*	
		For Class 56 Rating, Add	*1,366.76*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,328.45	419.21
		For Class 52 Rating, Deduct	*-516.26*	
		For Class 54 Rating, Add	*711.61*	
		For Class 55 Rating, Add	*1,061.85*	
		For Class 56 Rating, Add	*1,407.38*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,469.49	421.71
		For Class 52 Rating, Deduct	*-531.36*	
		For Class 54 Rating, Add	*732.25*	
		For Class 55 Rating, Add	*1,092.55*	
		For Class 56 Rating, Add	*1,448.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,610.54	424.20
		For Class 52 Rating, Deduct	*-546.46*	
		For Class 54 Rating, Add	*752.88*	
		For Class 55 Rating, Add	*1,123.25*	
		For Class 56 Rating, Add	*1,488.64*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,751.59	426.70
		For Class 52 Rating, Deduct	*-561.56*	
		For Class 54 Rating, Add	*773.52*	
		For Class 55 Rating, Add	*1,153.95*	
		For Class 56 Rating, Add	*1,529.27*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,892.63	429.20
		For Class 52 Rating, Deduct	*-576.66*	
		For Class 54 Rating, Add	*794.15*	
		For Class 55 Rating, Add	*1,184.65*	
		For Class 56 Rating, Add	*1,569.90*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,033.68	431.70
		For Class 52 Rating, Deduct	*-591.76*	
		For Class 54 Rating, Add	*814.79*	
		For Class 55 Rating, Add	*1,215.35*	
		For Class 56 Rating, Add	*1,610.53*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,174.72	434.18
		For Class 52 Rating, Deduct	*-606.85*	
		For Class 54 Rating, Add	*835.42*	
		For Class 55 Rating, Add	*1,246.05*	
		For Class 56 Rating, Add	*1,651.16*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,315.76	436.69
		For Class 52 Rating, Deduct	*-621.95*	
		For Class 54 Rating, Add	*856.06*	
		For Class 55 Rating, Add	*1,276.75*	
		For Class 56 Rating, Add	*1,691.78*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,456.81	439.18
		For Class 52 Rating, Deduct	*-637.05*	
		For Class 54 Rating, Add	*876.69*	
		For Class 55 Rating, Add	*1,307.45*	
		For Class 56 Rating, Add	*1,732.42*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,597.86	441.66
		For Class 52 Rating, Deduct	*-652.15*	
		For Class 54 Rating, Add	*897.33*	
		For Class 55 Rating, Add	*1,338.15*	
		For Class 56 Rating, Add	*1,773.04*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,738.89	444.17
		For Class 52 Rating, Deduct	*-667.25*	
		For Class 54 Rating, Add	*917.96*	
		For Class 55 Rating, Add	*1,368.85*	
		For Class 56 Rating, Add	*1,813.67*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,847.98	419.21
		For Class 52 Rating, Deduct	*-133.41*	
		For Class 54 Rating, Add	*189.54*	
		For Class 55 Rating, Add	*285.70*	
		For Class 56 Rating, Add	*380.65*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,019.10	421.71
		For Class 52 Rating, Deduct	*-151.82*	
		For Class 54 Rating, Add	*214.69*	
		For Class 55 Rating, Add	*323.11*	
		For Class 56 Rating, Add	*430.15*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,190.23	424.20
		For Class 52 Rating, Deduct	*-170.23*	
		For Class 54 Rating, Add	*239.84*	
		For Class 55 Rating, Add	*360.52*	
		For Class 56 Rating, Add	*479.65*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,361.37	426.70
		For Class 52 Rating, Deduct	*-188.63*	
		For Class 54 Rating, Add	*264.99*	
		For Class 55 Rating, Add	*397.93*	
		For Class 56 Rating, Add	*529.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,532.50	429.20
		For Class 52 Rating, Deduct	*-207.04*	
		For Class 54 Rating, Add	*290.13*	
		For Class 55 Rating, Add	*435.34*	
		For Class 56 Rating, Add	*578.66*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,703.63	431.70
		For Class 52 Rating, Deduct	*-225.45*	
		For Class 54 Rating, Add	*315.28*	
		For Class 55 Rating, Add	*472.75*	
		For Class 56 Rating, Add	*628.16*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,874.76	434.18
		For Class 52 Rating, Deduct	*-243.86*	
		For Class 54 Rating, Add	*340.43*	
		For Class 55 Rating, Add	*510.16*	
		For Class 56 Rating, Add	*677.67*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,045.89	436.69
		For Class 52 Rating, Deduct	*-262.27*	
		For Class 54 Rating, Add	*365.58*	
		For Class 55 Rating, Add	*547.57*	
		For Class 56 Rating, Add	*727.17*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,217.01	439.18
		For Class 52 Rating, Deduct	*-280.67*	
		For Class 54 Rating, Add	*390.72*	
		For Class 55 Rating, Add	*584.97*	
		For Class 56 Rating, Add	*776.67*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,388.15	441.66
		For Class 52 Rating, Deduct	*-299.08*	
		For Class 54 Rating, Add	*415.87*	
		For Class 55 Rating, Add	*622.38*	
		For Class 56 Rating, Add	*826.18*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,559.27	444.17
		For Class 52 Rating, Deduct	*-317.49*	
		For Class 54 Rating, Add	*441.02*	
		For Class 55 Rating, Add	*659.79*	
		For Class 56 Rating, Add	*875.68*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,730.40	446.66
		For Class 52 Rating, Deduct	*-335.90*	
		For Class 54 Rating, Add	*466.17*	
		For Class 55 Rating, Add	*697.20*	
		For Class 56 Rating, Add	*925.19*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,901.53	449.16
		For Class 52 Rating, Deduct	*-354.31*	
		For Class 54 Rating, Add	*491.31*	
		For Class 55 Rating, Add	*734.61*	
		For Class 56 Rating, Add	*974.69*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,072.66	451.65
		For Class 52 Rating, Deduct	*-372.72*	
		For Class 54 Rating, Add	*516.46*	
		For Class 55 Rating, Add	*772.02*	
		For Class 56 Rating, Add	*1,024.20*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,243.79	454.15
		For Class 52 Rating, Deduct	*-391.13*	
		For Class 54 Rating, Add	*541.61*	
		For Class 55 Rating, Add	*809.43*	
		For Class 56 Rating, Add	*1,073.70*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,414.91	456.64
		For Class 52 Rating, Deduct	*-409.53*	
		For Class 54 Rating, Add	*566.76*	
		For Class 55 Rating, Add	*846.84*	
		For Class 56 Rating, Add	*1,123.20*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,586.05	459.14
		For Class 52 Rating, Deduct	*-427.94*	
		For Class 54 Rating, Add	*591.91*	
		For Class 55 Rating, Add	*884.25*	
		For Class 56 Rating, Add	*1,172.71*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,757.18	461.63
		For Class 52 Rating, Deduct	*-446.35*	
		For Class 54 Rating, Add	*617.05*	
		For Class 55 Rating, Add	*921.66*	
		For Class 56 Rating, Add	*1,222.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,928.31	464.13
		For Class 52 Rating, Deduct	*-464.76*	
		For Class 54 Rating, Add	*642.20*	
		For Class 55 Rating, Add	*959.07*	
		For Class 56 Rating, Add	*1,271.71*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,099.44	466.63
		For Class 52 Rating, Deduct	*-483.17*	
		For Class 54 Rating, Add	*667.35*	
		For Class 55 Rating, Add	*996.48*	
		For Class 56 Rating, Add	*1,321.22*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,270.57	469.12
		For Class 52 Rating, Deduct	*-501.58*	
		For Class 54 Rating, Add	*692.50*	
		For Class 55 Rating, Add	*1,033.89*	
		For Class 56 Rating, Add	*1,370.72*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,441.69	471.61
		For Class 52 Rating, Deduct	*-519.98*	
		For Class 54 Rating, Add	*717.64*	
		For Class 55 Rating, Add	*1,071.30*	
		For Class 56 Rating, Add	*1,420.22*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,612.82	474.12
		For Class 52 Rating, Deduct	*-538.39*	
		For Class 54 Rating, Add	*742.79*	
		For Class 55 Rating, Add	*1,108.71*	
		For Class 56 Rating, Add	*1,469.73*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,783.95	476.61
		For Class 52 Rating, Deduct	*-556.80*	
		For Class 54 Rating, Add	*767.94*	
		For Class 55 Rating, Add	*1,146.12*	
		For Class 56 Rating, Add	*1,519.23*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,955.08	479.10
		For Class 52 Rating, Deduct	*-575.21*	
		For Class 54 Rating, Add	*793.09*	
		For Class 55 Rating, Add	*1,183.53*	
		For Class 56 Rating, Add	*1,568.74*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,126.21	481.60
		For Class 52 Rating, Deduct	*-593.62*	
		For Class 54 Rating, Add	*818.23*	
		For Class 55 Rating, Add	*1,220.94*	
		For Class 56 Rating, Add	*1,618.24*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,297.34	484.10
		For Class 52 Rating, Deduct	*-612.03*	
		For Class 54 Rating, Add	*843.38*	
		For Class 55 Rating, Add	*1,258.35*	
		For Class 56 Rating, Add	*1,667.75*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,468.47	486.58
		For Class 52 Rating, Deduct	*-630.43*	
		For Class 54 Rating, Add	*868.53*	
		For Class 55 Rating, Add	*1,295.76*	
		For Class 56 Rating, Add	*1,717.25*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,639.60	489.08
		For Class 52 Rating, Deduct	*-648.84*	
		For Class 54 Rating, Add	*893.68*	
		For Class 55 Rating, Add	*1,333.16*	
		For Class 56 Rating, Add	*1,766.75*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,810.73	491.58
		For Class 52 Rating, Deduct	*-667.25*	
		For Class 54 Rating, Add	*918.82*	
		For Class 55 Rating, Add	*1,370.57*	
		For Class 56 Rating, Add	*1,816.26*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,981.86	494.07
		For Class 52 Rating, Deduct	*-685.66*	
		For Class 54 Rating, Add	*943.97*	
		For Class 55 Rating, Add	*1,407.98*	
		For Class 56 Rating, Add	*1,865.76*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,152.99	496.57
		For Class 52 Rating, Deduct	*-704.07*	
		For Class 54 Rating, Add	*969.12*	
		For Class 55 Rating, Add	*1,445.39*	
		For Class 56 Rating, Add	*1,915.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,324.12	499.06
		For Class 52 Rating, Deduct	*-722.48*	
		For Class 54 Rating, Add	*994.27*	
		For Class 55 Rating, Add	*1,482.80*	
		For Class 56 Rating, Add	*1,964.77*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,495.25	501.57
		For Class 52 Rating, Deduct	*-740.88*	
		For Class 54 Rating, Add	*1,019.42*	
		For Class 55 Rating, Add	*1,520.21*	
		For Class 56 Rating, Add	*2,014.27*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,666.37	504.05
		For Class 52 Rating, Deduct	*-759.29*	
		For Class 54 Rating, Add	*1,044.56*	
		For Class 55 Rating, Add	*1,557.62*	
		For Class 56 Rating, Add	*2,063.78*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,837.50	506.55
		For Class 52 Rating, Deduct	*-777.70*	
		For Class 54 Rating, Add	*1,069.71*	
		For Class 55 Rating, Add	*1,595.03*	
		For Class 56 Rating, Add	*2,113.28*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,008.63	509.05
		For Class 52 Rating, Deduct	*-796.11*	
		For Class 54 Rating, Add	*1,094.86*	
		For Class 55 Rating, Add	*1,632.44*	
		For Class 56 Rating, Add	*2,162.78*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,179.76	511.55
		For Class 52 Rating, Deduct	*-814.52*	
		For Class 54 Rating, Add	*1,120.01*	
		For Class 55 Rating, Add	*1,669.85*	
		For Class 56 Rating, Add	*2,212.29*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,160.59	479.10
		For Class 52 Rating, Deduct	*-157.81*	
		For Class 54 Rating, Add	*223.91*	
		For Class 55 Rating, Add	*337.36*	
		For Class 56 Rating, Add	*449.36*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,359.93	481.60
		For Class 52 Rating, Deduct	*-179.33*	
		For Class 54 Rating, Add	*253.29*	
		For Class 55 Rating, Add	*381.06*	
		For Class 56 Rating, Add	*507.19*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.26	484.10
		For Class 52 Rating, Deduct	*-200.84*	
		For Class 54 Rating, Add	*282.67*	
		For Class 55 Rating, Add	*424.75*	
		For Class 56 Rating, Add	*565.01*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,758.59	486.58
		For Class 52 Rating, Deduct	*-222.35*	
		For Class 54 Rating, Add	*312.05*	
		For Class 55 Rating, Add	*468.45*	
		For Class 56 Rating, Add	*622.84*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,957.94	489.08
		For Class 52 Rating, Deduct	*-243.86*	
		For Class 54 Rating, Add	*341.43*	
		For Class 55 Rating, Add	*512.15*	
		For Class 56 Rating, Add	*680.66*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,157.27	491.58
		For Class 52 Rating, Deduct	*-265.37*	
		For Class 54 Rating, Add	*370.81*	
		For Class 55 Rating, Add	*555.85*	
		For Class 56 Rating, Add	*738.49*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,356.60	494.07
		For Class 52 Rating, Deduct	*-286.88*	
		For Class 54 Rating, Add	*400.18*	
		For Class 55 Rating, Add	*599.55*	
		For Class 56 Rating, Add	*796.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,555.94	496.57
		For Class 52 Rating, Deduct	*-308.39*	
		For Class 54 Rating, Add	*429.56*	
		For Class 55 Rating, Add	*643.25*	
		For Class 56 Rating, Add	*854.14*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,755.27	499.06
		For Class 52 Rating, Deduct	*-329.90*	
		For Class 54 Rating, Add	*458.94*	
		For Class 55 Rating, Add	*686.95*	
		For Class 56 Rating, Add	*911.96*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,954.60	501.57
		For Class 52 Rating, Deduct	*-351.41*	
		For Class 54 Rating, Add	*488.32*	
		For Class 55 Rating, Add	*730.65*	
		For Class 56 Rating, Add	*969.78*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,153.94	504.05
		For Class 52 Rating, Deduct	*-372.92*	
		For Class 54 Rating, Add	*517.70*	
		For Class 55 Rating, Add	*774.35*	
		For Class 56 Rating, Add	*1,027.61*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,353.27	506.55
		For Class 52 Rating, Deduct	*-394.43*	
		For Class 54 Rating, Add	*547.08*	
		For Class 55 Rating, Add	*818.05*	
		For Class 56 Rating, Add	*1,085.43*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,552.60	509.05
		For Class 52 Rating, Deduct	*-415.95*	
		For Class 54 Rating, Add	*576.45*	
		For Class 55 Rating, Add	*861.75*	
		For Class 56 Rating, Add	*1,143.26*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,751.94	511.55
		For Class 52 Rating, Deduct	*-437.46*	
		For Class 54 Rating, Add	*605.83*	
		For Class 55 Rating, Add	*905.45*	
		For Class 56 Rating, Add	*1,201.08*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,951.27	514.03
		For Class 52 Rating, Deduct	*-458.97*	
		For Class 54 Rating, Add	*635.21*	
		For Class 55 Rating, Add	*949.14*	
		For Class 56 Rating, Add	*1,258.91*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,150.60	516.54
		For Class 52 Rating, Deduct	*-480.48*	
		For Class 54 Rating, Add	*664.59*	
		For Class 55 Rating, Add	*992.84*	
		For Class 56 Rating, Add	*1,316.73*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,349.95	519.03
		For Class 52 Rating, Deduct	*-501.99*	
		For Class 54 Rating, Add	*693.97*	
		For Class 55 Rating, Add	*1,036.54*	
		For Class 56 Rating, Add	*1,374.56*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,549.28	521.51
		For Class 52 Rating, Deduct	*-523.50*	
		For Class 54 Rating, Add	*723.35*	
		For Class 55 Rating, Add	*1,080.24*	
		For Class 56 Rating, Add	*1,432.38*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,748.61	524.02
		For Class 52 Rating, Deduct	*-545.01*	
		For Class 54 Rating, Add	*752.72*	
		For Class 55 Rating, Add	*1,123.94*	
		For Class 56 Rating, Add	*1,490.20*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,947.95	526.51
		For Class 52 Rating, Deduct	*-566.52*	
		For Class 54 Rating, Add	*782.10*	
		For Class 55 Rating, Add	*1,167.64*	
		For Class 56 Rating, Add	*1,548.03*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,147.28	529.01
		For Class 52 Rating, Deduct	*-588.03*	
		For Class 54 Rating, Add	*811.48*	
		For Class 55 Rating, Add	*1,211.34*	
		For Class 56 Rating, Add	*1,605.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,346.61	531.50
		For Class 52 Rating, Deduct	*-609.54*	
		For Class 54 Rating, Add	*840.86*	
		For Class 55 Rating, Add	*1,255.04*	
		For Class 56 Rating, Add	*1,663.67*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,545.94	534.00
		For Class 52 Rating, Deduct	*-631.05*	
		For Class 54 Rating, Add	*870.24*	
		For Class 55 Rating, Add	*1,298.74*	
		For Class 56 Rating, Add	*1,721.50*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,745.28	536.49
		For Class 52 Rating, Deduct	*-652.57*	
		For Class 54 Rating, Add	*899.62*	
		For Class 55 Rating, Add	*1,342.44*	
		For Class 56 Rating, Add	*1,779.32*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,944.61	539.00
		For Class 52 Rating, Deduct	*-674.08*	
		For Class 54 Rating, Add	*928.99*	
		For Class 55 Rating, Add	*1,386.13*	
		For Class 56 Rating, Add	*1,837.15*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,143.95	541.48
		For Class 52 Rating, Deduct	*-695.59*	
		For Class 54 Rating, Add	*958.37*	
		For Class 55 Rating, Add	*1,429.84*	
		For Class 56 Rating, Add	*1,894.97*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,343.28	543.98
		For Class 52 Rating, Deduct	*-717.10*	
		For Class 54 Rating, Add	*987.75*	
		For Class 55 Rating, Add	*1,473.53*	
		For Class 56 Rating, Add	*1,952.80*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,542.61	546.48
		For Class 52 Rating, Deduct	*-738.61*	
		For Class 54 Rating, Add	*1,017.13*	
		For Class 55 Rating, Add	*1,517.23*	
		For Class 56 Rating, Add	*2,010.62*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,741.95	548.97
		For Class 52 Rating, Deduct	*-760.12*	
		For Class 54 Rating, Add	*1,046.51*	
		For Class 55 Rating, Add	*1,560.93*	
		For Class 56 Rating, Add	*2,068.45*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,941.29	551.46
		For Class 52 Rating, Deduct	*-781.63*	
		For Class 54 Rating, Add	*1,075.89*	
		For Class 55 Rating, Add	*1,604.63*	
		For Class 56 Rating, Add	*2,126.27*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,140.62	553.97
		For Class 52 Rating, Deduct	*-803.14*	
		For Class 54 Rating, Add	*1,105.26*	
		For Class 55 Rating, Add	*1,648.33*	
		For Class 56 Rating, Add	*2,184.09*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,339.96	556.46
		For Class 52 Rating, Deduct	*-824.65*	
		For Class 54 Rating, Add	*1,134.64*	
		For Class 55 Rating, Add	*1,692.03*	
		For Class 56 Rating, Add	*2,241.92*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,539.29	558.94
		For Class 52 Rating, Deduct	*-846.16*	
		For Class 54 Rating, Add	*1,164.02*	
		For Class 55 Rating, Add	*1,735.73*	
		For Class 56 Rating, Add	*2,299.74*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,738.62	561.45
		For Class 52 Rating, Deduct	*-867.67*	
		For Class 54 Rating, Add	*1,193.40*	
		For Class 55 Rating, Add	*1,779.43*	
		For Class 56 Rating, Add	*2,357.57*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,937.95	563.94
		For Class 52 Rating, Deduct	*-889.19*	
		For Class 54 Rating, Add	*1,222.78*	
		For Class 55 Rating, Add	*1,823.13*	
		For Class 56 Rating, Add	*2,415.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,137.29	566.44
		For Class 52 Rating, Deduct	*-910.70*	
		For Class 54 Rating, Add	*1,252.16*	
		For Class 55 Rating, Add	*1,866.83*	
		For Class 56 Rating, Add	*2,473.22*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,336.62	568.93
		For Class 52 Rating, Deduct	*-932.21*	
		For Class 54 Rating, Add	*1,281.53*	
		For Class 55 Rating, Add	*1,910.52*	
		For Class 56 Rating, Add	*2,531.04*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,535.96	571.43
		For Class 52 Rating, Deduct	*-953.72*	
		For Class 54 Rating, Add	*1,310.91*	
		For Class 55 Rating, Add	*1,954.22*	
		For Class 56 Rating, Add	*2,588.87*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,501.05	539.99
		For Class 52 Rating, Deduct	*-185.12*	
		For Class 54 Rating, Add	*262.25*	
		For Class 55 Rating, Add	*394.92*	
		For Class 56 Rating, Add	*525.91*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,730.46	542.48
		For Class 52 Rating, Deduct	*-209.94*	
		For Class 54 Rating, Add	*296.14*	
		For Class 55 Rating, Add	*445.33*	
		For Class 56 Rating, Add	*592.60*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,959.89	544.98
		For Class 52 Rating, Deduct	*-234.76*	
		For Class 54 Rating, Add	*330.03*	
		For Class 55 Rating, Add	*495.74*	
		For Class 56 Rating, Add	*659.30*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,189.31	547.47
		For Class 52 Rating, Deduct	*-259.58*	
		For Class 54 Rating, Add	*363.92*	
		For Class 55 Rating, Add	*546.14*	
		For Class 56 Rating, Add	*726.00*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,418.73	549.97
		For Class 52 Rating, Deduct	*-284.40*	
		For Class 54 Rating, Add	*397.82*	
		For Class 55 Rating, Add	*596.55*	
		For Class 56 Rating, Add	*792.70*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,648.15	552.46
		For Class 52 Rating, Deduct	*-309.22*	
		For Class 54 Rating, Add	*431.71*	
		For Class 55 Rating, Add	*646.96*	
		For Class 56 Rating, Add	*859.40*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,877.57	554.96
		For Class 52 Rating, Deduct	*-334.04*	
		For Class 54 Rating, Add	*465.60*	
		For Class 55 Rating, Add	*697.37*	
		For Class 56 Rating, Add	*926.10*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,106.99	557.45
		For Class 52 Rating, Deduct	*-358.86*	
		For Class 54 Rating, Add	*499.49*	
		For Class 55 Rating, Add	*747.78*	
		For Class 56 Rating, Add	*992.80*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,336.41	559.96
		For Class 52 Rating, Deduct	*-383.68*	
		For Class 54 Rating, Add	*533.38*	
		For Class 55 Rating, Add	*798.18*	
		For Class 56 Rating, Add	*1,059.50*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,565.83	562.44
		For Class 52 Rating, Deduct	*-408.50*	
		For Class 54 Rating, Add	*567.27*	
		For Class 55 Rating, Add	*848.59*	
		For Class 56 Rating, Add	*1,126.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,795.24	564.95
		For Class 52 Rating, Deduct	*-433.32*	
		For Class 54 Rating, Add	*601.16*	
		For Class 55 Rating, Add	*899.00*	
		For Class 56 Rating, Add	*1,192.90*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,024.66	567.44
		For Class 52 Rating, Deduct	*-458.14*	
		For Class 54 Rating, Add	*635.05*	
		For Class 55 Rating, Add	*949.41*	
		For Class 56 Rating, Add	*1,259.60*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,254.08	569.92
		For Class 52 Rating, Deduct	*-482.96*	
		For Class 54 Rating, Add	*668.94*	
		For Class 55 Rating, Add	*999.82*	
		For Class 56 Rating, Add	*1,326.30*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,483.50	572.43
		For Class 52 Rating, Deduct	*-507.78*	
		For Class 54 Rating, Add	*702.84*	
		For Class 55 Rating, Add	*1,050.23*	
		For Class 56 Rating, Add	*1,393.00*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,712.92	574.92
		For Class 52 Rating, Deduct	*-532.60*	
		For Class 54 Rating, Add	*736.73*	
		For Class 55 Rating, Add	*1,100.63*	
		For Class 56 Rating, Add	*1,459.70*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,942.34	577.42
		For Class 52 Rating, Deduct	*-557.42*	
		For Class 54 Rating, Add	*770.62*	
		For Class 55 Rating, Add	*1,151.04*	
		For Class 56 Rating, Add	*1,526.40*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,171.76	579.91
		For Class 52 Rating, Deduct	*-582.24*	
		For Class 54 Rating, Add	*804.51*	
		For Class 55 Rating, Add	*1,201.45*	
		For Class 56 Rating, Add	*1,593.10*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,401.18	582.41
		For Class 52 Rating, Deduct	*-607.06*	
		For Class 54 Rating, Add	*838.40*	
		For Class 55 Rating, Add	*1,251.86*	
		For Class 56 Rating, Add	*1,659.80*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,630.60	584.90
		For Class 52 Rating, Deduct	*-631.88*	
		For Class 54 Rating, Add	*872.29*	
		For Class 55 Rating, Add	*1,302.27*	
		For Class 56 Rating, Add	*1,726.50*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,860.02	587.40
		For Class 52 Rating, Deduct	*-656.70*	
		For Class 54 Rating, Add	*906.18*	
		For Class 55 Rating, Add	*1,352.67*	
		For Class 56 Rating, Add	*1,793.20*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,089.43	589.89
		For Class 52 Rating, Deduct	*-681.52*	
		For Class 54 Rating, Add	*940.07*	
		For Class 55 Rating, Add	*1,403.08*	
		For Class 56 Rating, Add	*1,859.89*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,318.86	592.39
		For Class 52 Rating, Deduct	*-706.34*	
		For Class 54 Rating, Add	*973.96*	
		For Class 55 Rating, Add	*1,453.49*	
		For Class 56 Rating, Add	*1,926.59*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,548.27	594.89
		For Class 52 Rating, Deduct	*-731.16*	
		For Class 54 Rating, Add	*1,007.86*	
		For Class 55 Rating, Add	*1,503.90*	
		For Class 56 Rating, Add	*1,993.29*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,777.69	597.38
		For Class 52 Rating, Deduct	*-755.98*	
		For Class 54 Rating, Add	*1,041.75*	
		For Class 55 Rating, Add	*1,554.31*	
		For Class 56 Rating, Add	*2,059.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,007.11	599.87
		For Class 52 Rating, Deduct	*-780.80*	
		For Class 54 Rating, Add	*1,075.64*	
		For Class 55 Rating, Add	*1,604.71*	
		For Class 56 Rating, Add	*2,126.69*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,236.53	602.38
		For Class 52 Rating, Deduct	*-805.62*	
		For Class 54 Rating, Add	*1,109.53*	
		For Class 55 Rating, Add	*1,655.12*	
		For Class 56 Rating, Add	*2,193.39*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,465.94	604.87
		For Class 52 Rating, Deduct	*-830.44*	
		For Class 54 Rating, Add	*1,143.42*	
		For Class 55 Rating, Add	*1,705.53*	
		For Class 56 Rating, Add	*2,260.09*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,695.37	607.35
		For Class 52 Rating, Deduct	*-855.26*	
		For Class 54 Rating, Add	*1,177.31*	
		For Class 55 Rating, Add	*1,755.94*	
		For Class 56 Rating, Add	*2,326.79*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,924.79	609.86
		For Class 52 Rating, Deduct	*-880.08*	
		For Class 54 Rating, Add	*1,211.20*	
		For Class 55 Rating, Add	*1,806.35*	
		For Class 56 Rating, Add	*2,393.49*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,154.21	612.35
		For Class 52 Rating, Deduct	*-904.90*	
		For Class 54 Rating, Add	*1,245.09*	
		For Class 55 Rating, Add	*1,856.75*	
		For Class 56 Rating, Add	*2,460.19*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,383.63	614.84
		For Class 52 Rating, Deduct	*-929.72*	
		For Class 54 Rating, Add	*1,278.99*	
		For Class 55 Rating, Add	*1,907.16*	
		For Class 56 Rating, Add	*2,526.89*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,613.05	617.34
		For Class 52 Rating, Deduct	*-954.54*	
		For Class 54 Rating, Add	*1,312.88*	
		For Class 55 Rating, Add	*1,957.57*	
		For Class 56 Rating, Add	*2,593.59*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,842.47	619.84
		For Class 52 Rating, Deduct	*-979.37*	
		For Class 54 Rating, Add	*1,346.77*	
		For Class 55 Rating, Add	*2,007.98*	
		For Class 56 Rating, Add	*2,660.29*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,071.89	622.33
		For Class 52 Rating, Deduct	*-1,004.18*	
		For Class 54 Rating, Add	*1,380.66*	
		For Class 55 Rating, Add	*2,058.39*	
		For Class 56 Rating, Add	*2,726.99*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,301.30	624.83
		For Class 52 Rating, Deduct	*-1,029.00*	
		For Class 54 Rating, Add	*1,414.55*	
		For Class 55 Rating, Add	*2,108.79*	
		For Class 56 Rating, Add	*2,793.69*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,530.72	627.32
		For Class 52 Rating, Deduct	*-1,053.83*	
		For Class 54 Rating, Add	*1,448.44*	
		For Class 55 Rating, Add	*2,159.20*	
		For Class 56 Rating, Add	*2,860.39*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,760.14	629.83
		For Class 52 Rating, Deduct	*-1,078.65*	
		For Class 54 Rating, Add	*1,482.33*	
		For Class 55 Rating, Add	*2,209.61*	
		For Class 56 Rating, Add	*2,927.09*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,989.56	632.31
		For Class 52 Rating, Deduct	*-1,103.47*	
		For Class 54 Rating, Add	*1,516.22*	
		For Class 55 Rating, Add	*2,260.02*	
		For Class 56 Rating, Add	*2,993.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,915.72	616.34
		For Class 52 Rating, Deduct	*-218.00*	
		For Class 54 Rating, Add	*308.49*	
		For Class 55 Rating, Add	*464.37*	
		For Class 56 Rating, Add	*618.27*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,178.98	618.85
		For Class 52 Rating, Deduct	*-246.55*	
		For Class 54 Rating, Add	*347.45*	
		For Class 55 Rating, Add	*522.32*	
		For Class 56 Rating, Add	*694.95*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,442.25	621.33
		For Class 52 Rating, Deduct	*-275.09*	
		For Class 54 Rating, Add	*386.42*	
		For Class 55 Rating, Add	*580.28*	
		For Class 56 Rating, Add	*771.64*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,705.51	623.83
		For Class 52 Rating, Deduct	*-303.63*	
		For Class 54 Rating, Add	*425.39*	
		For Class 55 Rating, Add	*638.23*	
		For Class 56 Rating, Add	*848.32*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,968.76	626.33
		For Class 52 Rating, Deduct	*-332.18*	
		For Class 54 Rating, Add	*464.36*	
		For Class 55 Rating, Add	*696.19*	
		For Class 56 Rating, Add	*925.00*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,232.04	628.81
		For Class 52 Rating, Deduct	*-360.72*	
		For Class 54 Rating, Add	*503.33*	
		For Class 55 Rating, Add	*754.15*	
		For Class 56 Rating, Add	*1,001.69*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,495.30	631.32
		For Class 52 Rating, Deduct	*-389.26*	
		For Class 54 Rating, Add	*542.29*	
		For Class 55 Rating, Add	*812.10*	
		For Class 56 Rating, Add	*1,078.37*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,758.57	633.81
		For Class 52 Rating, Deduct	*-417.81*	
		For Class 54 Rating, Add	*581.26*	
		For Class 55 Rating, Add	*870.06*	
		For Class 56 Rating, Add	*1,155.06*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,021.83	636.31
		For Class 52 Rating, Deduct	*-446.35*	
		For Class 54 Rating, Add	*620.23*	
		For Class 55 Rating, Add	*928.01*	
		For Class 56 Rating, Add	*1,231.74*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,285.09	638.80
		For Class 52 Rating, Deduct	*-474.89*	
		For Class 54 Rating, Add	*659.20*	
		For Class 55 Rating, Add	*985.97*	
		For Class 56 Rating, Add	*1,308.42*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,548.36	641.30
		For Class 52 Rating, Deduct	*-503.44*	
		For Class 54 Rating, Add	*698.16*	
		For Class 55 Rating, Add	*1,043.92*	
		For Class 56 Rating, Add	*1,385.11*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,811.63	643.79
		For Class 52 Rating, Deduct	*-531.98*	
		For Class 54 Rating, Add	*737.13*	
		For Class 55 Rating, Add	*1,101.88*	
		For Class 56 Rating, Add	*1,461.79*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,074.90	646.29
		For Class 52 Rating, Deduct	*-560.52*	
		For Class 54 Rating, Add	*776.10*	
		For Class 55 Rating, Add	*1,159.84*	
		For Class 56 Rating, Add	*1,538.47*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,338.16	648.78
		For Class 52 Rating, Deduct	*-589.07*	
		For Class 54 Rating, Add	*815.07*	
		For Class 55 Rating, Add	*1,217.79*	
		For Class 56 Rating, Add	*1,615.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,601.43	651.28
		For Class 52 Rating, Deduct	*-617.61*	
		For Class 54 Rating, Add	*854.04*	
		For Class 55 Rating, Add	*1,275.75*	
		For Class 56 Rating, Add	*1,691.84*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,864.69	653.78
		For Class 52 Rating, Deduct	*-646.15*	
		For Class 54 Rating, Add	*893.00*	
		For Class 55 Rating, Add	*1,333.70*	
		For Class 56 Rating, Add	*1,768.53*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,127.94	656.27
		For Class 52 Rating, Deduct	*-674.70*	
		For Class 54 Rating, Add	*931.97*	
		For Class 55 Rating, Add	*1,391.66*	
		For Class 56 Rating, Add	*1,845.21*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,391.22	658.76
		For Class 52 Rating, Deduct	*-703.24*	
		For Class 54 Rating, Add	*970.94*	
		For Class 55 Rating, Add	*1,449.61*	
		For Class 56 Rating, Add	*1,921.89*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,654.48	661.27
		For Class 52 Rating, Deduct	*-731.78*	
		For Class 54 Rating, Add	*1,009.91*	
		For Class 55 Rating, Add	*1,507.57*	
		For Class 56 Rating, Add	*1,998.58*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,917.75	663.76
		For Class 52 Rating, Deduct	*-760.33*	
		For Class 54 Rating, Add	*1,048.88*	
		For Class 55 Rating, Add	*1,565.53*	
		For Class 56 Rating, Add	*2,075.26*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,181.01	666.24
		For Class 52 Rating, Deduct	*-788.87*	
		For Class 54 Rating, Add	*1,087.84*	
		For Class 55 Rating, Add	*1,623.48*	
		For Class 56 Rating, Add	*2,151.95*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,444.27	668.75
		For Class 52 Rating, Deduct	*-817.41*	
		For Class 54 Rating, Add	*1,126.81*	
		For Class 55 Rating, Add	*1,681.44*	
		For Class 56 Rating, Add	*2,228.63*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,707.54	671.24
		For Class 52 Rating, Deduct	*-845.96*	
		For Class 54 Rating, Add	*1,165.78*	
		For Class 55 Rating, Add	*1,739.39*	
		For Class 56 Rating, Add	*2,305.31*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,970.80	673.73
		For Class 52 Rating, Deduct	*-874.50*	
		For Class 54 Rating, Add	*1,204.75*	
		For Class 55 Rating, Add	*1,797.35*	
		For Class 56 Rating, Add	*2,382.00*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,234.08	676.23
		For Class 52 Rating, Deduct	*-903.04*	
		For Class 54 Rating, Add	*1,243.72*	
		For Class 55 Rating, Add	*1,855.30*	
		For Class 56 Rating, Add	*2,458.68*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,497.34	678.73
		For Class 52 Rating, Deduct	*-931.59*	
		For Class 54 Rating, Add	*1,282.68*	
		For Class 55 Rating, Add	*1,913.26*	
		For Class 56 Rating, Add	*2,535.36*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,760.61	681.22
		For Class 52 Rating, Deduct	*-960.13*	
		For Class 54 Rating, Add	*1,321.65*	
		For Class 55 Rating, Add	*1,971.22*	
		For Class 56 Rating, Add	*2,612.05*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,023.87	683.72
		For Class 52 Rating, Deduct	*-988.67*	
		For Class 54 Rating, Add	*1,360.62*	
		For Class 55 Rating, Add	*2,029.17*	
		For Class 56 Rating, Add	*2,688.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,287.12	686.21
		For Class 52 Rating, Deduct	*-1,017.22*	
		For Class 54 Rating, Add	*1,399.59*	
		For Class 55 Rating, Add	*2,087.13*	
		For Class 56 Rating, Add	*2,765.42*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,550.39	688.71
		For Class 52 Rating, Deduct	*-1,045.76*	
		For Class 54 Rating, Add	*1,438.56*	
		For Class 55 Rating, Add	*2,145.08*	
		For Class 56 Rating, Add	*2,842.10*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,813.66	691.20
		For Class 52 Rating, Deduct	*-1,074.30*	
		For Class 54 Rating, Add	*1,477.52*	
		For Class 55 Rating, Add	*2,203.04*	
		For Class 56 Rating, Add	*2,918.78*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,076.93	693.70
		For Class 52 Rating, Deduct	*-1,102.85*	
		For Class 54 Rating, Add	*1,516.49*	
		For Class 55 Rating, Add	*2,260.99*	
		For Class 56 Rating, Add	*2,995.47*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,340.19	696.20
		For Class 52 Rating, Deduct	*-1,131.39*	
		For Class 54 Rating, Add	*1,555.46*	
		For Class 55 Rating, Add	*2,318.95*	
		For Class 56 Rating, Add	*3,072.15*	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,603.45	698.70
		For Class 52 Rating, Deduct	*-1,159.93*	
		For Class 54 Rating, Add	*1,594.43*	
		For Class 55 Rating, Add	*2,376.90*	
		For Class 56 Rating, Add	*3,148.84*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,866.72	701.18
		For Class 52 Rating, Deduct	*-1,188.48*	
		For Class 54 Rating, Add	*1,633.40*	
		For Class 55 Rating, Add	*2,434.86*	
		For Class 56 Rating, Add	*3,225.52*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,129.98	703.68
		For Class 52 Rating, Deduct	*-1,217.02*	
		For Class 54 Rating, Add	*1,672.36*	
		For Class 55 Rating, Add	*2,492.82*	
		For Class 56 Rating, Add	*3,302.20*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,393.26	706.18
		For Class 52 Rating, Deduct	*-1,245.56*	
		For Class 54 Rating, Add	*1,711.33*	
		For Class 55 Rating, Add	*2,550.77*	
		For Class 56 Rating, Add	*3,378.89*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,656.52	708.66
		For Class 52 Rating, Deduct	*-1,274.10*	
		For Class 54 Rating, Add	*1,750.30*	
		For Class 55 Rating, Add	*2,608.73*	
		For Class 56 Rating, Add	*3,455.57*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,578.49	728.63
		For Class 52 Rating, Deduct	*-272.20*	
		For Class 54 Rating, Add	*384.42*	
		For Class 55 Rating, Add	*578.31*	
		For Class 56 Rating, Add	*769.72*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,903.81	731.13
		For Class 52 Rating, Deduct	*-307.56*	
		For Class 54 Rating, Add	*432.70*	
		For Class 55 Rating, Add	*650.10*	
		For Class 56 Rating, Add	*864.71*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,229.12	733.63
		For Class 52 Rating, Deduct	*-342.93*	
		For Class 54 Rating, Add	*480.97*	
		For Class 55 Rating, Add	*721.90*	
		For Class 56 Rating, Add	*959.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,554.45	736.12
		For Class 52 Rating, Deduct	*-378.30*	
		For Class 54 Rating, Add	*529.25*	
		For Class 55 Rating, Add	*793.69*	
		For Class 56 Rating, Add	*1,054.69*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,879.76	738.61
		For Class 52 Rating, Deduct	*-413.67*	
		For Class 54 Rating, Add	*577.53*	
		For Class 55 Rating, Add	*865.48*	
		For Class 56 Rating, Add	*1,149.68*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,205.07	741.12
		For Class 52 Rating, Deduct	*-449.04*	
		For Class 54 Rating, Add	*625.80*	
		For Class 55 Rating, Add	*937.27*	
		For Class 56 Rating, Add	*1,244.66*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,530.39	743.61
		For Class 52 Rating, Deduct	*-484.41*	
		For Class 54 Rating, Add	*674.08*	
		For Class 55 Rating, Add	*1,009.07*	
		For Class 56 Rating, Add	*1,339.65*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,855.70	746.09
		For Class 52 Rating, Deduct	*-519.78*	
		For Class 54 Rating, Add	*722.35*	
		For Class 55 Rating, Add	*1,080.86*	
		For Class 56 Rating, Add	*1,434.64*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,181.01	748.60
		For Class 52 Rating, Deduct	*-555.15*	
		For Class 54 Rating, Add	*770.63*	
		For Class 55 Rating, Add	*1,152.65*	
		For Class 56 Rating, Add	*1,529.63*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,506.32	751.09
		For Class 52 Rating, Deduct	*-590.51*	
		For Class 54 Rating, Add	*818.90*	
		For Class 55 Rating, Add	*1,224.45*	
		For Class 56 Rating, Add	*1,624.62*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,831.65	753.58
		For Class 52 Rating, Deduct	*-625.88*	
		For Class 54 Rating, Add	*867.18*	
		For Class 55 Rating, Add	*1,296.24*	
		For Class 56 Rating, Add	*1,719.61*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,156.96	756.08
		For Class 52 Rating, Deduct	*-661.25*	
		For Class 54 Rating, Add	*915.45*	
		For Class 55 Rating, Add	*1,368.03*	
		For Class 56 Rating, Add	*1,814.60*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,482.28	758.58
		For Class 52 Rating, Deduct	*-696.62*	
		For Class 54 Rating, Add	*963.73*	
		For Class 55 Rating, Add	*1,439.83*	
		For Class 56 Rating, Add	*1,909.59*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,807.59	761.08
		For Class 52 Rating, Deduct	*-731.99*	
		For Class 54 Rating, Add	*1,012.01*	
		For Class 55 Rating, Add	*1,511.62*	
		For Class 56 Rating, Add	*2,004.58*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,132.91	763.57
		For Class 52 Rating, Deduct	*-767.36*	
		For Class 54 Rating, Add	*1,060.28*	
		For Class 55 Rating, Add	*1,583.41*	
		For Class 56 Rating, Add	*2,099.57*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,458.22	766.06
		For Class 52 Rating, Deduct	*-802.73*	
		For Class 54 Rating, Add	*1,108.56*	
		For Class 55 Rating, Add	*1,655.20*	
		For Class 56 Rating, Add	*2,194.55*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,783.55	768.57
		For Class 52 Rating, Deduct	*-838.10*	
		For Class 54 Rating, Add	*1,156.83*	
		For Class 55 Rating, Add	*1,727.00*	
		For Class 56 Rating, Add	*2,289.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,108.86	771.05
		For Class 52 Rating, Deduct	*-873.46*	
		For Class 54 Rating, Add	*1,205.11*	
		For Class 55 Rating, Add	*1,798.79*	
		For Class 56 Rating, Add	*2,384.53*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,434.18	773.55
		For Class 52 Rating, Deduct	*-908.83*	
		For Class 54 Rating, Add	*1,253.38*	
		For Class 55 Rating, Add	*1,870.58*	
		For Class 56 Rating, Add	*2,479.52*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,759.49	776.05
		For Class 52 Rating, Deduct	*-944.20*	
		For Class 54 Rating, Add	*1,301.66*	
		For Class 55 Rating, Add	*1,942.38*	
		For Class 56 Rating, Add	*2,574.51*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,084.80	778.55
		For Class 52 Rating, Deduct	*-979.57*	
		For Class 54 Rating, Add	*1,349.94*	
		For Class 55 Rating, Add	*2,014.17*	
		For Class 56 Rating, Add	*2,669.50*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,410.11	781.03
		For Class 52 Rating, Deduct	*-1,014.94*	
		For Class 54 Rating, Add	*1,398.21*	
		For Class 55 Rating, Add	*2,085.96*	
		For Class 56 Rating, Add	*2,764.49*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,735.43	783.53
		For Class 52 Rating, Deduct	*-1,050.31*	
		For Class 54 Rating, Add	*1,446.49*	
		For Class 55 Rating, Add	*2,157.75*	
		For Class 56 Rating, Add	*2,859.47*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,060.75	786.03
		For Class 52 Rating, Deduct	*-1,085.68*	
		For Class 54 Rating, Add	*1,494.76*	
		For Class 55 Rating, Add	*2,229.55*	
		For Class 56 Rating, Add	*2,954.47*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,386.06	788.52
		For Class 52 Rating, Deduct	*-1,121.05*	
		For Class 54 Rating, Add	*1,543.04*	
		For Class 55 Rating, Add	*2,301.34*	
		For Class 56 Rating, Add	*3,049.45*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,711.38	791.02
		For Class 52 Rating, Deduct	*-1,156.42*	
		For Class 54 Rating, Add	*1,591.31*	
		For Class 55 Rating, Add	*2,373.13*	
		For Class 56 Rating, Add	*3,144.44*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,036.69	793.51
		For Class 52 Rating, Deduct	*-1,191.78*	
		For Class 54 Rating, Add	*1,639.59*	
		For Class 55 Rating, Add	*2,444.93*	
		For Class 56 Rating, Add	*3,239.43*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,362.01	796.01
		For Class 52 Rating, Deduct	*-1,227.15*	
		For Class 54 Rating, Add	*1,687.86*	
		For Class 55 Rating, Add	*2,516.72*	
		For Class 56 Rating, Add	*3,334.42*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,687.33	798.50
		For Class 52 Rating, Deduct	*-1,262.52*	
		For Class 54 Rating, Add	*1,736.14*	
		For Class 55 Rating, Add	*2,588.51*	
		For Class 56 Rating, Add	*3,429.41*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,076.91	843.42
		For Class 52 Rating, Deduct	*-1,297.89*	
		For Class 54 Rating, Add	*1,785.19*	
		For Class 55 Rating, Add	*2,661.85*	
		For Class 56 Rating, Add	*3,526.71*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,402.23	845.91
		For Class 52 Rating, Deduct	*-1,333.26*	
		For Class 54 Rating, Add	*1,833.46*	
		For Class 55 Rating, Add	*2,733.64*	
		For Class 56 Rating, Add	*3,621.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,727.55	848.42
		For Class 52 Rating, Deduct	*-1,368.63*	
		For Class 54 Rating, Add	*1,881.74*	
		For Class 55 Rating, Add	*2,805.44*	
		For Class 56 Rating, Add	*3,716.69*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,052.86	850.91
		For Class 52 Rating, Deduct	*-1,404.00*	
		For Class 54 Rating, Add	*1,930.01*	
		For Class 55 Rating, Add	*2,877.23*	
		For Class 56 Rating, Add	*3,811.68*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,378.18	853.39
		For Class 52 Rating, Deduct	*-1,439.37*	
		For Class 54 Rating, Add	*1,978.29*	
		For Class 55 Rating, Add	*2,949.02*	
		For Class 56 Rating, Add	*3,906.67*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,703.49	855.90
		For Class 52 Rating, Deduct	*-1,474.73*	
		For Class 54 Rating, Add	*2,026.56*	
		For Class 55 Rating, Add	*3,020.81*	
		For Class 56 Rating, Add	*4,001.66*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,028.81	858.39
		For Class 52 Rating, Deduct	*-1,510.10*	
		For Class 54 Rating, Add	*2,074.84*	
		For Class 55 Rating, Add	*3,092.61*	
		For Class 56 Rating, Add	*4,096.65*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,354.13	860.88
		For Class 52 Rating, Deduct	*-1,545.47*	
		For Class 54 Rating, Add	*2,123.12*	
		For Class 55 Rating, Add	*3,164.40*	
		For Class 56 Rating, Add	*4,191.63*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,679.45	863.38
		For Class 52 Rating, Deduct	*-1,580.84*	
		For Class 54 Rating, Add	*2,171.39*	
		For Class 55 Rating, Add	*3,236.19*	
		For Class 56 Rating, Add	*4,286.62*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,468.75	1,028.08
		For Class 52 Rating, Deduct	*-430.22*	
		For Class 54 Rating, Add	*605.35*	
		For Class 55 Rating, Add	*909.55*	
		For Class 56 Rating, Add	*1,209.84*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,936.97	1,030.57
		For Class 52 Rating, Deduct	*-481.31*	
		For Class 54 Rating, Add	*675.06*	
		For Class 55 Rating, Add	*1,013.21*	
		For Class 56 Rating, Add	*1,346.99*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,405.19	1,033.06
		For Class 52 Rating, Deduct	*-532.39*	
		For Class 54 Rating, Add	*744.77*	
		For Class 55 Rating, Add	*1,116.87*	
		For Class 56 Rating, Add	*1,484.13*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,873.41	1,035.57
		For Class 52 Rating, Deduct	*-583.48*	
		For Class 54 Rating, Add	*814.49*	
		For Class 55 Rating, Add	*1,220.53*	
		For Class 56 Rating, Add	*1,621.28*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,341.63	1,038.06
		For Class 52 Rating, Deduct	*-634.57*	
		For Class 54 Rating, Add	*884.20*	
		For Class 55 Rating, Add	*1,324.19*	
		For Class 56 Rating, Add	*1,758.42*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,809.85	1,040.54
		For Class 52 Rating, Deduct	*-685.66*	
		For Class 54 Rating, Add	*953.91*	
		For Class 55 Rating, Add	*1,427.86*	
		For Class 56 Rating, Add	*1,895.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,278.07	1,043.05
		For Class 52 Rating, Deduct	*-736.75*	
		For Class 54 Rating, Add	*1,023.62*	
		For Class 55 Rating, Add	*1,531.52*	
		For Class 56 Rating, Add	*2,032.71*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,746.29	1,045.54
		For Class 52 Rating, Deduct	*-787.84*	
		For Class 54 Rating, Add	*1,093.33*	
		For Class 55 Rating, Add	*1,635.18*	
		For Class 56 Rating, Add	*2,169.86*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,214.52	1,048.03
		For Class 52 Rating, Deduct	*-838.92*	
		For Class 54 Rating, Add	*1,163.04*	
		For Class 55 Rating, Add	*1,738.84*	
		For Class 56 Rating, Add	*2,307.01*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,682.74	1,050.53
		For Class 52 Rating, Deduct	*-890.01*	
		For Class 54 Rating, Add	*1,232.75*	
		For Class 55 Rating, Add	*1,842.50*	
		For Class 56 Rating, Add	*2,444.15*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,150.95	1,053.03
		For Class 52 Rating, Deduct	*-941.10*	
		For Class 54 Rating, Add	*1,302.46*	
		For Class 55 Rating, Add	*1,946.16*	
		For Class 56 Rating, Add	*2,581.30*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,619.17	1,055.52
		For Class 52 Rating, Deduct	*-992.19*	
		For Class 54 Rating, Add	*1,372.18*	
		For Class 55 Rating, Add	*2,049.82*	
		For Class 56 Rating, Add	*2,718.44*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,087.38	1,058.02
		For Class 52 Rating, Deduct	*-1,043.28*	
		For Class 54 Rating, Add	*1,441.89*	
		For Class 55 Rating, Add	*2,153.48*	
		For Class 56 Rating, Add	*2,855.59*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,555.60	1,060.51
		For Class 52 Rating, Deduct	*-1,094.36*	
		For Class 54 Rating, Add	*1,511.60*	
		For Class 55 Rating, Add	*2,257.14*	
		For Class 56 Rating, Add	*2,992.73*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,023.83	1,063.01
		For Class 52 Rating, Deduct	*-1,145.45*	
		For Class 54 Rating, Add	*1,581.31*	
		For Class 55 Rating, Add	*2,360.80*	
		For Class 56 Rating, Add	*3,129.88*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,492.05	1,065.50
		For Class 52 Rating, Deduct	*-1,196.54*	
		For Class 54 Rating, Add	*1,651.02*	
		For Class 55 Rating, Add	*2,464.46*	
		For Class 56 Rating, Add	*3,267.03*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,960.27	1,068.00
		For Class 52 Rating, Deduct	*-1,247.63*	
		For Class 54 Rating, Add	*1,720.73*	
		For Class 55 Rating, Add	*2,568.12*	
		For Class 56 Rating, Add	*3,404.17*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,428.49	1,070.49
		For Class 52 Rating, Deduct	*-1,298.72*	
		For Class 54 Rating, Add	*1,790.44*	
		For Class 55 Rating, Add	*2,671.78*	
		For Class 56 Rating, Add	*3,541.32*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,896.71	1,073.00
		For Class 52 Rating, Deduct	*-1,349.81*	
		For Class 54 Rating, Add	*1,860.15*	
		For Class 55 Rating, Add	*2,775.44*	
		For Class 56 Rating, Add	*3,678.46*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,364.93	1,075.48
		For Class 52 Rating, Deduct	*-1,400.90*	
		For Class 54 Rating, Add	*1,929.87*	
		For Class 55 Rating, Add	*2,879.10*	
		For Class 56 Rating, Add	*3,815.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,833.16	1,077.97
		For Class 52 Rating, Deduct	*-1,451.98*	
		For Class 54 Rating, Add	*1,999.58*	
		For Class 55 Rating, Add	*2,982.77*	
		For Class 56 Rating, Add	*3,952.75*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,301.38	1,080.48
		For Class 52 Rating, Deduct	*-1,503.07*	
		For Class 54 Rating, Add	*2,069.29*	
		For Class 55 Rating, Add	*3,086.43*	
		For Class 56 Rating, Add	*4,089.90*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,769.58	1,082.96
		For Class 52 Rating, Deduct	*-1,554.16*	
		For Class 54 Rating, Add	*2,139.00*	
		For Class 55 Rating, Add	*3,190.09*	
		For Class 56 Rating, Add	*4,227.04*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,237.80	1,085.47
		For Class 52 Rating, Deduct	*-1,605.25*	
		For Class 54 Rating, Add	*2,208.71*	
		For Class 55 Rating, Add	*3,293.75*	
		For Class 56 Rating, Add	*4,364.19*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,706.02	1,087.96
		For Class 52 Rating, Deduct	*-1,656.34*	
		For Class 54 Rating, Add	*2,278.42*	
		For Class 55 Rating, Add	*3,397.41*	
		For Class 56 Rating, Add	*4,501.34*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,174.24	1,090.46
		For Class 52 Rating, Deduct	*-1,707.42*	
		For Class 54 Rating, Add	*2,348.13*	
		For Class 55 Rating, Add	*3,501.07*	
		For Class 56 Rating, Add	*4,638.48*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,642.47	1,092.95
		For Class 52 Rating, Deduct	*-1,758.51*	
		For Class 54 Rating, Add	*2,417.84*	
		For Class 55 Rating, Add	*3,604.73*	
		For Class 56 Rating, Add	*4,775.63*	
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,110.69	1,095.45
		For Class 52 Rating, Deduct	*-1,809.60*	
		For Class 54 Rating, Add	*2,487.56*	
		For Class 55 Rating, Add	*3,708.39*	
		For Class 56 Rating, Add	*4,912.77*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,578.91	1,097.94
		For Class 52 Rating, Deduct	*-1,860.69*	
		For Class 54 Rating, Add	*2,557.27*	
		For Class 55 Rating, Add	*3,812.05*	
		For Class 56 Rating, Add	*5,049.92*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,047.13	1,100.45
		For Class 52 Rating, Deduct	*-1,911.78*	
		For Class 54 Rating, Add	*2,626.98*	
		For Class 55 Rating, Add	*3,915.71*	
		For Class 56 Rating, Add	*5,187.06*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,515.35	1,102.93
		For Class 52 Rating, Deduct	*-1,962.87*	
		For Class 54 Rating, Add	*2,696.69*	
		For Class 55 Rating, Add	*4,019.37*	
		For Class 56 Rating, Add	*5,324.21*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,983.57	1,105.43
		For Class 52 Rating, Deduct	*-2,013.95*	
		For Class 54 Rating, Add	*2,766.40*	
		For Class 55 Rating, Add	*4,123.03*	
		For Class 56 Rating, Add	*5,461.36*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,451.79	1,107.93
		For Class 52 Rating, Deduct	*-2,065.04*	
		For Class 54 Rating, Add	*2,836.11*	
		For Class 55 Rating, Add	*4,226.69*	
		For Class 56 Rating, Add	*5,598.50*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,920.01	1,110.41
		For Class 52 Rating, Deduct	*-2,116.13*	
		For Class 54 Rating, Add	*2,905.82*	
		For Class 55 Rating, Add	*4,330.35*	
		For Class 56 Rating, Add	*5,735.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,388.22	1,112.91
		For Class 52 Rating, Deduct	*-2,167.22*	
		For Class 54 Rating, Add	*2,975.53*	
		For Class 55 Rating, Add	*4,434.01*	
		For Class 56 Rating, Add	*5,872.79*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,856.44	1,115.41
		For Class 52 Rating, Deduct	*-2,218.31*	
		For Class 54 Rating, Add	*3,045.24*	
		For Class 55 Rating, Add	*4,537.67*	
		For Class 56 Rating, Add	*6,009.94*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,324.66	1,117.91
		For Class 52 Rating, Deduct	*-2,269.40*	
		For Class 54 Rating, Add	*3,114.96*	
		For Class 55 Rating, Add	*4,641.33*	
		For Class 56 Rating, Add	*6,147.08*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,792.88	1,120.39
		For Class 52 Rating, Deduct	*-2,320.48*	
		For Class 54 Rating, Add	*3,184.67*	
		For Class 55 Rating, Add	*4,745.00*	
		For Class 56 Rating, Add	*6,284.23*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,543.08	1,302.56
		For Class 52 Rating, Deduct	*-612.65*	
		For Class 54 Rating, Add	*859.11*	
		For Class 55 Rating, Add	*1,289.37*	
		For Class 56 Rating, Add	*1,714.05*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,178.65	1,305.06
		For Class 52 Rating, Deduct	*-682.14*	
		For Class 54 Rating, Add	*953.92*	
		For Class 55 Rating, Add	*1,430.35*	
		For Class 56 Rating, Add	*1,900.57*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,814.21	1,307.54
		For Class 52 Rating, Deduct	*-751.64*	
		For Class 54 Rating, Add	*1,048.74*	
		For Class 55 Rating, Add	*1,571.32*	
		For Class 56 Rating, Add	*2,087.08*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,449.79	1,310.05
		For Class 52 Rating, Deduct	*-821.14*	
		For Class 54 Rating, Add	*1,143.55*	
		For Class 55 Rating, Add	*1,712.30*	
		For Class 56 Rating, Add	*2,273.59*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,085.36	1,312.54
		For Class 52 Rating, Deduct	*-890.63*	
		For Class 54 Rating, Add	*1,238.36*	
		For Class 55 Rating, Add	*1,853.28*	
		For Class 56 Rating, Add	*2,460.11*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,720.93	1,315.03
		For Class 52 Rating, Deduct	*-960.13*	
		For Class 54 Rating, Add	*1,333.18*	
		For Class 55 Rating, Add	*1,994.26*	
		For Class 56 Rating, Add	*2,646.62*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,356.49	1,317.53
		For Class 52 Rating, Deduct	*-1,029.63*	
		For Class 54 Rating, Add	*1,427.99*	
		For Class 55 Rating, Add	*2,135.24*	
		For Class 56 Rating, Add	*2,833.13*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,992.06	1,320.03
		For Class 52 Rating, Deduct	*-1,099.12*	
		For Class 54 Rating, Add	*1,522.80*	
		For Class 55 Rating, Add	*2,276.22*	
		For Class 56 Rating, Add	*3,019.65*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,627.63	1,322.52
		For Class 52 Rating, Deduct	*-1,168.62*	
		For Class 54 Rating, Add	*1,617.62*	
		For Class 55 Rating, Add	*2,417.20*	
		For Class 56 Rating, Add	*3,206.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,263.21	1,325.02
		For Class 52 Rating, Deduct	*-1,238.12*	
		For Class 54 Rating, Add	*1,712.43*	
		For Class 55 Rating, Add	*2,558.18*	
		For Class 56 Rating, Add	*3,392.68*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,898.76	1,327.51
		For Class 52 Rating, Deduct	*-1,307.61*	
		For Class 54 Rating, Add	*1,807.24*	
		For Class 55 Rating, Add	*2,699.16*	
		For Class 56 Rating, Add	*3,579.19*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,534.33	1,330.01
		For Class 52 Rating, Deduct	*-1,377.11*	
		For Class 54 Rating, Add	*1,902.06*	
		For Class 55 Rating, Add	*2,840.14*	
		For Class 56 Rating, Add	*3,765.70*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,169.90	1,332.50
		For Class 52 Rating, Deduct	*-1,446.61*	
		For Class 54 Rating, Add	*1,996.87*	
		For Class 55 Rating, Add	*2,981.12*	
		For Class 56 Rating, Add	*3,952.22*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,805.47	1,334.99
		For Class 52 Rating, Deduct	*-1,516.10*	
		For Class 54 Rating, Add	*2,091.69*	
		For Class 55 Rating, Add	*3,122.10*	
		For Class 56 Rating, Add	*4,138.73*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,441.03	1,337.49
		For Class 52 Rating, Deduct	*-1,585.60*	
		For Class 54 Rating, Add	*2,186.50*	
		For Class 55 Rating, Add	*3,263.08*	
		For Class 56 Rating, Add	*4,325.24*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,076.60	1,339.99
		For Class 52 Rating, Deduct	*-1,655.10*	
		For Class 54 Rating, Add	*2,281.31*	
		For Class 55 Rating, Add	*3,404.06*	
		For Class 56 Rating, Add	*4,511.75*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,712.18	1,342.48
		For Class 52 Rating, Deduct	*-1,724.59*	
		For Class 54 Rating, Add	*2,376.13*	
		For Class 55 Rating, Add	*3,545.04*	
		For Class 56 Rating, Add	*4,698.27*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,347.75	1,344.97
		For Class 52 Rating, Deduct	*-1,794.09*	
		For Class 54 Rating, Add	*2,470.94*	
		For Class 55 Rating, Add	*3,686.02*	
		For Class 56 Rating, Add	*4,884.78*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,983.31	1,347.48
		For Class 52 Rating, Deduct	*-1,863.58*	
		For Class 54 Rating, Add	*2,565.75*	
		For Class 55 Rating, Add	*3,826.99*	
		For Class 56 Rating, Add	*5,071.29*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,618.88	1,349.97
		For Class 52 Rating, Deduct	*-1,933.08*	
		For Class 54 Rating, Add	*2,660.57*	
		For Class 55 Rating, Add	*3,967.97*	
		For Class 56 Rating, Add	*5,257.81*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,254.45	1,352.47
		For Class 52 Rating, Deduct	*-2,002.58*	
		For Class 54 Rating, Add	*2,755.38*	
		For Class 55 Rating, Add	*4,108.95*	
		For Class 56 Rating, Add	*5,444.32*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,890.02	1,354.96
		For Class 52 Rating, Deduct	*-2,072.08*	
		For Class 54 Rating, Add	*2,850.19*	
		For Class 55 Rating, Add	*4,249.93*	
		For Class 56 Rating, Add	*5,630.84*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,525.58	1,357.46
		For Class 52 Rating, Deduct	*-2,141.57*	
		For Class 54 Rating, Add	*2,945.01*	
		For Class 55 Rating, Add	*4,390.91*	
		For Class 56 Rating, Add	*5,817.35*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,161.15	1,359.95
		For Class 52 Rating, Deduct	*-2,211.07*	
		For Class 54 Rating, Add	*3,039.82*	
		For Class 55 Rating, Add	*4,531.89*	
		For Class 56 Rating, Add	*6,003.86*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,796.72	1,362.45
		For Class 52 Rating, Deduct	*-2,280.57*	
		For Class 54 Rating, Add	*3,134.63*	
		For Class 55 Rating, Add	*4,672.37*	
		For Class 56 Rating, Add	*6,190.38*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,432.29	1,364.94
		For Class 52 Rating, Deduct	*-2,350.06*	
		For Class 54 Rating, Add	*3,229.45*	
		For Class 55 Rating, Add	*4,813.85*	
		For Class 56 Rating, Add	*6,376.89*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,067.85	1,367.45
		For Class 52 Rating, Deduct	*-2,419.56*	
		For Class 54 Rating, Add	*3,324.26*	
		For Class 55 Rating, Add	*4,954.83*	
		For Class 56 Rating, Add	*6,563.40*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,703.42	1,369.93
		For Class 52 Rating, Deduct	*-2,489.05*	
		For Class 54 Rating, Add	*3,419.07*	
		For Class 55 Rating, Add	*5,095.81*	
		For Class 56 Rating, Add	*6,749.92*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,339.00	1,372.42
		For Class 52 Rating, Deduct	*-2,558.55*	
		For Class 54 Rating, Add	*3,513.89*	
		For Class 55 Rating, Add	*5,236.79*	
		For Class 56 Rating, Add	*6,936.43*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,974.57	1,374.93
		For Class 52 Rating, Deduct	*-2,628.05*	
		For Class 54 Rating, Add	*3,608.70*	
		For Class 55 Rating, Add	*5,377.77*	
		For Class 56 Rating, Add	*7,122.94*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,610.13	1,377.41
		For Class 52 Rating, Deduct	*-2,697.54*	
		For Class 54 Rating, Add	*3,703.51*	
		For Class 55 Rating, Add	*5,518.75*	
		For Class 56 Rating, Add	*7,309.46*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,245.70	1,379.91
		For Class 52 Rating, Deduct	*-2,767.04*	
		For Class 54 Rating, Add	*3,798.33*	
		For Class 55 Rating, Add	*5,659.73*	
		For Class 56 Rating, Add	*7,495.97*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,881.27	1,382.41
		For Class 52 Rating, Deduct	*-2,836.54*	
		For Class 54 Rating, Add	*3,893.14*	
		For Class 55 Rating, Add	*5,800.71*	
		For Class 56 Rating, Add	*7,682.48*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,516.84	1,384.91
		For Class 52 Rating, Deduct	*-2,906.04*	
		For Class 54 Rating, Add	*3,987.96*	
		For Class 55 Rating, Add	*5,941.69*	
		For Class 56 Rating, Add	*7,869.00*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,152.40	1,387.39
		For Class 52 Rating, Deduct	*-2,975.53*	
		For Class 54 Rating, Add	*4,082.77*	
		For Class 55 Rating, Add	*6,082.66*	
		For Class 56 Rating, Add	*8,055.51*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,787.97	1,389.90
		For Class 52 Rating, Deduct	*-3,045.03*	
		For Class 54 Rating, Add	*4,177.58*	
		For Class 55 Rating, Add	*6,223.64*	
		For Class 56 Rating, Add	*8,242.02*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,423.54	1,392.39
		For Class 52 Rating, Deduct	*-3,114.52*	
		For Class 54 Rating, Add	*4,272.40*	
		For Class 55 Rating, Add	*6,364.62*	
		For Class 56 Rating, Add	*8,428.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,059.11	1,394.88
		For Class 52 Rating, Deduct	*-3,184.02*	
		For Class 54 Rating, Add	*4,367.21*	
		For Class 55 Rating, Add	*6,505.60*	
		For Class 56 Rating, Add	*8,615.05*	
40 05 19 00-1502		42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,954.51	1,641.93
		For Class 52 Rating, Deduct	*-821.34*	
		For Class 54 Rating, Add	*1,149.87*	
		For Class 55 Rating, Add	*1,724.79*	
		For Class 56 Rating, Add	*2,292.25*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,902.21	1,644.41
		For Class 52 Rating, Deduct	*-925.17*	
		For Class 54 Rating, Add	*1,291.50*	
		For Class 55 Rating, Add	*1,935.38*	
		For Class 56 Rating, Add	*2,570.84*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,838.63	1,646.91
		For Class 52 Rating, Deduct	*-1,027.76*	
		For Class 54 Rating, Add	*1,431.44*	
		For Class 55 Rating, Add	*2,143.45*	
		For Class 56 Rating, Add	*2,846.11*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,784.45	1,649.41
		For Class 52 Rating, Deduct	*-1,131.39*	
		For Class 54 Rating, Add	*1,572.79*	
		For Class 55 Rating, Add	*2,353.61*	
		For Class 56 Rating, Add	*3,124.15*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,720.88	1,651.91
		For Class 52 Rating, Deduct	*-1,233.98*	
		For Class 54 Rating, Add	*1,712.73*	
		For Class 55 Rating, Add	*2,561.68*	
		For Class 56 Rating, Add	*3,399.41*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,668.58	1,654.39
		For Class 52 Rating, Deduct	*-1,337.81*	
		For Class 54 Rating, Add	*1,854.37*	
		For Class 55 Rating, Add	*2,772.27*	
		For Class 56 Rating, Add	*3,678.00*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,603.12	1,656.90
		For Class 52 Rating, Deduct	*-1,440.19*	
		For Class 54 Rating, Add	*1,994.03*	
		For Class 55 Rating, Add	*2,979.92*	
		For Class 56 Rating, Add	*3,952.71*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,550.82	1,659.39
		For Class 52 Rating, Deduct	*-1,544.02*	
		For Class 54 Rating, Add	*2,135.66*	
		For Class 55 Rating, Add	*3,190.50*	
		For Class 56 Rating, Add	*4,231.31*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,487.23	1,661.89
		For Class 52 Rating, Deduct	*-1,646.62*	
		For Class 54 Rating, Add	*2,275.60*	
		For Class 55 Rating, Add	*3,398.57*	
		For Class 56 Rating, Add	*4,506.57*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,433.05	1,664.38
		For Class 52 Rating, Deduct	*-1,750.24*	
		For Class 54 Rating, Add	*2,416.95*	
		For Class 55 Rating, Add	*3,608.74*	
		For Class 56 Rating, Add	*4,784.61*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,369.48	1,666.88
		For Class 52 Rating, Deduct	*-1,852.83*	
		For Class 54 Rating, Add	*2,556.89*	
		For Class 55 Rating, Add	*3,816.81*	
		For Class 56 Rating, Add	*5,059.87*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,315.30	1,669.37
		For Class 52 Rating, Deduct	*-1,956.45*	
		For Class 54 Rating, Add	*2,698.24*	
		For Class 55 Rating, Add	*4,026.97*	
		For Class 56 Rating, Add	*5,337.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,251.72	1,671.86
		For Class 52 Rating, Deduct	*-2,059.04*	
		For Class 54 Rating, Add	*2,838.19*	
		For Class 55 Rating, Add	*4,235.04*	
		For Class 56 Rating, Add	*5,613.18*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,190.01	1,674.36
		For Class 52 Rating, Deduct	*-2,161.84*	
		For Class 54 Rating, Add	*2,978.41*	
		For Class 55 Rating, Add	*4,443.53*	
		For Class 56 Rating, Add	*5,888.99*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,133.95	1,676.85
		For Class 52 Rating, Deduct	*-2,265.26*	
		For Class 54 Rating, Add	*3,119.48*	
		For Class 55 Rating, Add	*4,653.27*	
		For Class 56 Rating, Add	*6,166.48*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,070.37	1,679.36
		For Class 52 Rating, Deduct	*-2,367.85*	
		For Class 54 Rating, Add	*3,259.42*	
		For Class 55 Rating, Add	*4,861.34*	
		For Class 56 Rating, Add	*6,441.74*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,018.08	1,681.84
		For Class 52 Rating, Deduct	*-2,471.68*	
		For Class 54 Rating, Add	*3,401.05*	
		For Class 55 Rating, Add	*5,071.93*	
		For Class 56 Rating, Add	*6,720.33*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,954.50	1,684.35
		For Class 52 Rating, Deduct	*-2,574.27*	
		For Class 54 Rating, Add	*3,540.99*	
		For Class 55 Rating, Add	*5,280.00*	
		For Class 56 Rating, Add	*6,995.60*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,900.32	1,686.84
		For Class 52 Rating, Deduct	*-2,677.90*	
		For Class 54 Rating, Add	*3,682.34*	
		For Class 55 Rating, Add	*5,490.16*	
		For Class 56 Rating, Add	*7,273.64*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,836.74	1,689.33
		For Class 52 Rating, Deduct	*-2,780.49*	
		For Class 54 Rating, Add	*3,822.29*	
		For Class 55 Rating, Add	*5,698.23*	
		For Class 56 Rating, Add	*7,548.90*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,784.43	1,691.83
		For Class 52 Rating, Deduct	*-2,884.32*	
		For Class 54 Rating, Add	*3,963.92*	
		For Class 55 Rating, Add	*5,908.82*	
		For Class 56 Rating, Add	*7,827.49*	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,720.85	1,694.33
		For Class 52 Rating, Deduct	*-2,986.91*	
		For Class 54 Rating, Add	*4,103.86*	
		For Class 55 Rating, Add	*6,116.89*	
		For Class 56 Rating, Add	*8,102.76*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,666.68	1,696.82
		For Class 52 Rating, Deduct	*-3,090.53*	
		For Class 54 Rating, Add	*4,245.21*	
		For Class 55 Rating, Add	*6,327.05*	
		For Class 56 Rating, Add	*8,380.80*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,603.10	1,699.32
		For Class 52 Rating, Deduct	*-3,193.12*	
		For Class 54 Rating, Add	*4,385.15*	
		For Class 55 Rating, Add	*6,535.12*	
		For Class 56 Rating, Add	*8,656.06*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,550.80	1,701.81
		For Class 52 Rating, Deduct	*-3,296.95*	
		For Class 54 Rating, Add	*4,526.79*	
		For Class 55 Rating, Add	*6,745.71*	
		For Class 56 Rating, Add	*8,934.65*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,487.22	1,704.31
		For Class 52 Rating, Deduct	*-3,399.54*	
		For Class 54 Rating, Add	*4,666.73*	
		For Class 55 Rating, Add	*6,953.78*	
		For Class 56 Rating, Add	*9,209.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,431.16	1,706.80
		For Class 52 Rating, Deduct	*-3,502.96*	
		For Class 54 Rating, Add	*4,807.80*	
		For Class 55 Rating, Add	*7,163.52*	
		For Class 56 Rating, Add	*9,487.40*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,369.46	1,709.29
		For Class 52 Rating, Deduct	*-3,605.76*	
		For Class 54 Rating, Add	*4,948.02*	
		For Class 55 Rating, Add	*7,372.01*	
		For Class 56 Rating, Add	*9,763.22*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,117.85	1,711.79
		For Class 52 Rating, Deduct	*-3,687.67*	
		For Class 54 Rating, Add	*5,059.76*	
		For Class 55 Rating, Add	*7,538.15*	
		For Class 56 Rating, Add	*9,983.02*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,251.71	1,714.29
		For Class 52 Rating, Deduct	*-3,811.97*	
		For Class 54 Rating, Add	*5,229.31*	
		For Class 55 Rating, Add	*7,790.25*	
		For Class 56 Rating, Add	*10,316.53*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,188.13	1,716.78
		For Class 52 Rating, Deduct	*-3,914.56*	
		For Class 54 Rating, Add	*5,369.26*	
		For Class 55 Rating, Add	*7,998.32*	
		For Class 56 Rating, Add	*10,591.79*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,133.95	1,719.27
		For Class 52 Rating, Deduct	*-4,018.19*	
		For Class 54 Rating, Add	*5,510.61*	
		For Class 55 Rating, Add	*8,208.48*	
		For Class 56 Rating, Add	*10,869.83*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,070.37	1,721.78
		For Class 52 Rating, Deduct	*-4,120.78*	
		For Class 54 Rating, Add	*5,650.55*	
		For Class 55 Rating, Add	*8,416.55*	
		For Class 56 Rating, Add	*11,145.09*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,018.06	1,724.27
		For Class 52 Rating, Deduct	*-4,224.61*	
		For Class 54 Rating, Add	*5,792.18*	
		For Class 55 Rating, Add	*8,627.14*	
		For Class 56 Rating, Add	*11,423.69*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,952.59	1,726.76
		For Class 52 Rating, Deduct	*-4,326.99*	
		For Class 54 Rating, Add	*5,931.84*	
		For Class 55 Rating, Add	*8,834.78*	
		For Class 56 Rating, Add	*11,698.39*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,900.31	1,729.26
		For Class 52 Rating, Deduct	*-4,430.82*	
		For Class 54 Rating, Add	*6,073.47*	
		For Class 55 Rating, Add	*9,045.37*	
		For Class 56 Rating, Add	*11,976.99*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,836.72	1,731.76
		For Class 52 Rating, Deduct	*-4,533.41*	
		For Class 54 Rating, Add	*6,213.41*	
		For Class 55 Rating, Add	*9,253.44*	
		For Class 56 Rating, Add	*12,252.25*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,782.54	1,734.24
		For Class 52 Rating, Deduct	*-4,637.04*	
		For Class 54 Rating, Add	*6,354.77*	
		For Class 55 Rating, Add	*9,463.60*	
		For Class 56 Rating, Add	*12,530.29*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,836.68	2,063.63
		For Class 52 Rating, Deduct	*-1,068.10*	
		For Class 54 Rating, Add	*1,494.02*	
		For Class 55 Rating, Add	*2,240.36*	
		For Class 56 Rating, Add	*2,977.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,214.98	2,066.12
		For Class 52 Rating, Deduct	*-1,219.29*	
		For Class 54 Rating, Add	*1,700.24*	
		For Class 55 Rating, Add	*2,546.97*	
		For Class 56 Rating, Add	*3,382.62*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,591.40	2,068.63
		For Class 52 Rating, Deduct	*-1,370.28*	
		For Class 54 Rating, Add	*1,906.18*	
		For Class 55 Rating, Add	*2,853.16*	
		For Class 56 Rating, Add	*3,787.68*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,979.10	2,071.12
		For Class 52 Rating, Deduct	*-1,522.51*	
		For Class 54 Rating, Add	*2,113.81*	
		For Class 55 Rating, Add	*3,161.87*	
		For Class 56 Rating, Add	*4,196.08*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,357.39	2,073.61
		For Class 52 Rating, Deduct	*-1,673.71*	
		For Class 54 Rating, Add	*2,320.03*	
		For Class 55 Rating, Add	*3,468.47*	
		For Class 56 Rating, Add	*4,601.69*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,735.68	2,076.11
		For Class 52 Rating, Deduct	*-1,824.91*	
		For Class 54 Rating, Add	*2,526.26*	
		For Class 55 Rating, Add	*3,775.08*	
		For Class 56 Rating, Add	*5,007.31*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,121.50	2,078.60
		For Class 52 Rating, Deduct	*-1,976.93*	
		For Class 54 Rating, Add	*2,733.61*	
		For Class 55 Rating, Add	*4,083.36*	
		For Class 56 Rating, Add	*5,415.15*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,501.67	2,081.10
		For Class 52 Rating, Deduct	*-2,128.33*	
		For Class 54 Rating, Add	*2,940.11*	
		For Class 55 Rating, Add	*4,390.39*	
		For Class 56 Rating, Add	*5,821.32*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,878.09	2,083.59
		For Class 52 Rating, Deduct	*-2,279.32*	
		For Class 54 Rating, Add	*3,146.05*	
		For Class 55 Rating, Add	*4,696.58*	
		For Class 56 Rating, Add	*6,226.38*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,265.79	2,086.09
		For Class 52 Rating, Deduct	*-2,431.55*	
		For Class 54 Rating, Add	*3,353.69*	
		For Class 55 Rating, Add	*5,005.28*	
		For Class 56 Rating, Add	*6,634.77*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,644.08	2,088.59
		For Class 52 Rating, Deduct	*-2,582.75*	
		For Class 54 Rating, Add	*3,559.91*	
		For Class 55 Rating, Add	*5,311.89*	
		For Class 56 Rating, Add	*7,040.39*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,031.77	2,091.08
		For Class 52 Rating, Deduct	*-2,734.98*	
		For Class 54 Rating, Add	*3,767.54*	
		For Class 55 Rating, Add	*5,620.59*	
		For Class 56 Rating, Add	*7,448.78*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,408.18	2,093.57
		For Class 52 Rating, Deduct	*-2,885.97*	
		For Class 54 Rating, Add	*3,973.48*	
		For Class 55 Rating, Add	*5,926.78*	
		For Class 56 Rating, Add	*7,853.84*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,786.48	2,096.08
		For Class 52 Rating, Deduct	*-3,037.17*	
		For Class 54 Rating, Add	*4,179.70*	
		For Class 55 Rating, Add	*6,233.39*	
		For Class 56 Rating, Add	*8,259.46*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,174.17	2,098.57
		For Class 52 Rating, Deduct	*-3,189.40*	
		For Class 54 Rating, Add	*4,387.34*	
		For Class 55 Rating, Add	*6,542.09*	
		For Class 56 Rating, Add	*8,667.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,552.48	2,101.06
		For Class 52 Rating, Deduct	*-3,340.60*	
		For Class 54 Rating, Add	*4,593.56*	
		For Class 55 Rating, Add	*6,848.70*	
		For Class 56 Rating, Add	*9,073.47*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,928.89	2,103.56
		For Class 52 Rating, Deduct	*-3,491.58*	
		For Class 54 Rating, Add	*4,799.50*	
		For Class 55 Rating, Add	*7,154.89*	
		For Class 56 Rating, Add	*9,478.54*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,316.59	2,106.06
		For Class 52 Rating, Deduct	*-3,643.82*	
		For Class 54 Rating, Add	*5,007.13*	
		For Class 55 Rating, Add	*7,463.59*	
		For Class 56 Rating, Add	*9,886.93*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,694.88	2,108.54
		For Class 52 Rating, Deduct	*-3,795.01*	
		For Class 54 Rating, Add	*5,213.35*	
		For Class 55 Rating, Add	*7,770.20*	
		For Class 56 Rating, Add	*10,292.54*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,071.29	2,111.04
		For Class 52 Rating, Deduct	*-3,946.00*	
		For Class 54 Rating, Add	*5,419.29*	
		For Class 55 Rating, Add	*8,076.39*	
		For Class 56 Rating, Add	*10,697.61*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,458.99	2,113.54
		For Class 52 Rating, Deduct	*-4,098.23*	
		For Class 54 Rating, Add	*5,626.93*	
		For Class 55 Rating, Add	*8,385.09*	
		For Class 56 Rating, Add	*11,106.00*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,839.17	2,116.03
		For Class 52 Rating, Deduct	*-4,249.64*	
		For Class 54 Rating, Add	*5,833.43*	
		For Class 55 Rating, Add	*8,692.12*	
		For Class 56 Rating, Add	*11,512.17*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,215.58	2,118.53
		For Class 52 Rating, Deduct	*-4,400.63*	
		For Class 54 Rating, Add	*6,039.37*	
		For Class 55 Rating, Add	*8,998.31*	
		For Class 56 Rating, Add	*11,917.23*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,603.27	2,121.02
		For Class 52 Rating, Deduct	*-4,552.86*	
		For Class 54 Rating, Add	*6,247.00*	
		For Class 55 Rating, Add	*9,307.01*	
		For Class 56 Rating, Add	*12,325.62*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,981.57	2,123.52
		For Class 52 Rating, Deduct	*-4,704.05*	
		For Class 54 Rating, Add	*6,453.23*	
		For Class 55 Rating, Add	*9,613.62*	
		For Class 56 Rating, Add	*12,731.24*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,357.98	2,126.01
		For Class 52 Rating, Deduct	*-4,855.04*	
		For Class 54 Rating, Add	*6,659.17*	
		For Class 55 Rating, Add	*9,919.80*	
		For Class 56 Rating, Add	*13,136.31*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,745.68	2,128.51
		For Class 52 Rating, Deduct	*-5,007.27*	
		For Class 54 Rating, Add	*6,866.80*	
		For Class 55 Rating, Add	*10,228.51*	
		For Class 56 Rating, Add	*13,544.70*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,123.98	2,131.00
		For Class 52 Rating, Deduct	*-5,158.47*	
		For Class 54 Rating, Add	*7,073.02*	
		For Class 55 Rating, Add	*10,535.12*	
		For Class 56 Rating, Add	*13,950.31*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,333.05	2,133.51
		For Class 52 Rating, Deduct	*-5,291.05*	
		For Class 54 Rating, Add	*7,253.86*	
		For Class 55 Rating, Add	*10,803.99*	
		For Class 56 Rating, Add	*14,306.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,889.97	2,135.99
		For Class 52 Rating, Deduct	*-5,461.90*	
		For Class 54 Rating, Add	*7,486.88*	
		For Class 55 Rating, Add	*11,150.43*	
		For Class 56 Rating, Add	*14,764.32*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,266.38	2,138.49
		For Class 52 Rating, Deduct	*-5,612.89*	
		For Class 54 Rating, Add	*7,692.82*	
		For Class 55 Rating, Add	*11,456.61*	
		For Class 56 Rating, Add	*15,169.39*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,655.96	2,140.99
		For Class 52 Rating, Deduct	*-5,765.32*	
		For Class 54 Rating, Add	*7,900.73*	
		For Class 55 Rating, Add	*11,765.74*	
		For Class 56 Rating, Add	*15,578.33*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,032.37	2,143.47
		For Class 52 Rating, Deduct	*-5,916.31*	
		For Class 54 Rating, Add	*8,106.67*	
		For Class 55 Rating, Add	*12,071.93*	
		For Class 56 Rating, Add	*15,983.39*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,408.80	2,145.98
		For Class 52 Rating, Deduct	*-6,067.30*	
		For Class 54 Rating, Add	*8,312.61*	
		For Class 55 Rating, Add	*12,378.12*	
		For Class 56 Rating, Add	*16,388.46*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,798.37	2,148.48
		For Class 52 Rating, Deduct	*-6,219.74*	
		For Class 54 Rating, Add	*8,520.53*	
		For Class 55 Rating, Add	*12,687.24*	
		For Class 56 Rating, Add	*16,797.40*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,174.78	2,150.97
		For Class 52 Rating, Deduct	*-6,370.73*	
		For Class 54 Rating, Add	*8,726.47*	
		For Class 55 Rating, Add	*12,993.43*	
		For Class 56 Rating, Add	*17,202.47*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,553.07	2,153.46
		For Class 52 Rating, Deduct	*-6,521.93*	
		For Class 54 Rating, Add	*8,932.69*	
		For Class 55 Rating, Add	*13,300.03*	
		For Class 56 Rating, Add	*17,608.09*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,940.77	2,155.96
		For Class 52 Rating, Deduct	*-6,674.16*	
		For Class 54 Rating, Add	*9,140.32*	
		For Class 55 Rating, Add	*13,608.74*	
		For Class 56 Rating, Add	*18,016.48*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	375.23	120.39
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	531.64	153.95
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	755.41	174.38
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,114.69	221.07
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,387.62	245.15
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,740.58	266.32
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,144.17	328.33
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,823.54	393.99
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,475.13	496.15
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,340.96	561.81
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,038.82	744.21
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	12,872.74	842.72
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	21,685.58	963.11
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	28,902.42	1,181.99

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	354.12	120.39
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	497.86	153.95
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	669.55	174.38
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	990.84	221.07
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,229.99	245.15
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,419.68	266.32
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,789.50	328.33
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,346.42	393.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,040.23	496.15
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,029.23	561.81
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,078.95	744.21
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	12,171.83	842.72
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	18,672.25	963.11
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	25,493.60	1,181.99
40 05 19 00-1610		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	352.71	120.39
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	486.60	153.95
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	659.70	174.38
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	962.69	221.07
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,291.92	245.15
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,615.32	266.32
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,833.13	328.33
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,399.90	393.99
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,272.45	496.15
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,558.43	561.81
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,173.24	744.21
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	12,388.58	842.72
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	19,104.34	963.11
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	26,056.57	1,181.99
40 05 19 00-1625		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	387.90	120.39
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	552.75	153.95
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	687.85	174.38
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,062.62	221.07
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,476.29	245.15
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,663.17	266.32
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,032.99	328.33
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,399.90	393.99
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,272.45	496.15
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,748.43	561.81
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,267.54	744.21
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	12,481.47	842.72
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	19,202.86	963.11
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	26,255.02	1,181.99
40 05 19 00-1640		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	504.81	137.17
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	628.65	147.38
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	708.97	164.16
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	959.59	170.74
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,011.76	187.51
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,107.46	197.73
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,031.87	183.14
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,164.25	199.92
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,343.00	210.14
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,429.04	233.48
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,343.00	210.14
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,490.78	220.34
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,661.26	243.69
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,841.92	256.10
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,549.03	241.14
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,672.87	251.36
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,923.59	274.70
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,102.27	286.74
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,253.42	297.32
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,814.11	273.97
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,180.04	284.19
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,242.15	307.54
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,368.77	319.58
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,573.40	330.16
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,806.16	361.17
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,347.51	325.05
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,507.94	335.26
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,121.78	358.61
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,239.95	370.65
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,579.69	381.23
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,492.96	412.24
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,717.24	445.07
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,323.34	357.89
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,485.20	368.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,751.39	391.44
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,944.16	403.48
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,307.83	414.06
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,643.33	445.07
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,750.79	477.91
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,003.14	472.62
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,962.68	494.69
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,351.69	505.27
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,167.13	536.28
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,342.83	569.10
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,654.54	620.18
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,196.89	653.02
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,242.76	543.94
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,707.74	554.51
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,678.75	585.53
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,363.23	618.36
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,853.70	669.43
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,839.40	702.26
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,622.19	793.47
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,655.33	614.71
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,333.59	645.72
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,652.10	678.56
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,373.40	729.62
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,265.54	762.46
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,818.90	853.67
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,812.50	902.91
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,787.08	881.03
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,778.87	972.22
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,500.91	1,021.48
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,656.06	1,081.68

40 05 19 00-1705 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	452.64	120.39
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	704.75	153.95
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,045.34	174.38
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,491.89	221.07
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,120.90	245.15
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,476.67	266.32
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,216.64	328.33
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,987.49	393.99
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,445.54	496.15
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,034.80	561.81
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	14,194.27	744.21
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	21,667.83	842.72
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	33,669.93	963.11

40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*

40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	479.38	120.39
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	652.68	153.95
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,081.93	174.38
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,465.14	221.07
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,978.75	245.15
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,341.55	266.32
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,892.93	328.33
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,638.45	393.99
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,806.56	496.15
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,818.78	561.81
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	11,214.72	744.21
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	16,081.70	842.72
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	29,993.70	963.11
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	32,312.64	1,181.99

40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*

40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	644.82	193.35
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	799.51	237.86
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,135.68	265.59
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,637.59	345.12
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,191.81	376.49
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,954.12	404.94
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,336.79	510.74
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,076.47	583.71
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,141.83	736.92
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	7,625.22	813.54
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	13,028.13	1,123.63
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	18,843.29	1,287.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	39,199.10	1,488.44
40 05 19 00-1748		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	812.79	215.97
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,015.06	220.34
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,009.22	248.07
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,347.40	243.69
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,324.67	271.42
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,396.25	288.94
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,718.06	256.10
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,707.99	283.82
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,803.49	301.33
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,149.00	357.52
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,524.52	266.32
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,463.78	294.04
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,571.94	311.55
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,709.15	367.73
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,873.55	387.07
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,066.92	297.32
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,816.18	325.05
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,766.71	342.56
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,247.32	398.74
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,145.73	418.07
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,513.42	435.95
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,757.06	330.16
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,811.03	357.89
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,396.32	375.39
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,398.41	431.57
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,702.15	450.91
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,045.91	468.79
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,321.09	543.58
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,369.21	381.23
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,155.12	408.95
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,239.35	426.47
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,411.75	482.65
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,584.59	501.98
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,641.24	519.86
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,594.78	594.64
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,713.30	634.77
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,523.85	414.06
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,755.18	441.79
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,971.71	459.30
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,162.39	515.48
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,794.07	534.82
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,936.57	552.69
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,125.89	627.48
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,079.69	667.61
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,353.14	713.40
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,840.52	533.00
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,896.61	550.50
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,168.92	606.68
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,198.22	626.02
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,225.29	643.90
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,431.50	718.69
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,554.22	758.82
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,862.40	860.96
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,940.67	904.73
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,569.42	762.83
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,523.55	776.69
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,614.77	816.45
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,731.43	832.14
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,783.94	846.37
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,926.03	899.26
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,012.25	935.75
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,252.20	1,012.35
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,590.31	1,050.66
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	20,447.26	1,205.71
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,398.61	659.95
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,040.42	716.12
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,069.70	735.47
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,129.17	753.34
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,308.64	828.13
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,535.51	868.26
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,690.28	970.40
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,021.20	1,014.18
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,178.26	1,233.07
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	37,529.59	1,347.98
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,863.60	854.03
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,890.68	871.90
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,102.53	946.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,163.33	986.82
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,448.99	1,088.97
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,747.54	1,132.74
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,543.65	1,351.64
40 05 19 00-1830		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-0001)*		
40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	698.30	193.35
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	952.92	237.86
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,400.28	265.59
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,137.23	345.12
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,884.27	376.49
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,224.35	404.94
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,001.10	510.74
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,866.05	583.71
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	6,504.23	736.92
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	9,401.41	813.54
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	15,793.75	1,123.63
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	22,557.53	1,287.79
40 05 19 00-1843		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-0001)*		
40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	563.19	193.35
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	792.47	237.86
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,156.79	265.59
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,520.78	345.12
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,184.77	376.49
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,847.16	404.94
40 05 19 00-1850		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-0001)*		
40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	773.67	266.32
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,029.75	288.57
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,088.50	321.77
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,279.02	293.31
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,392.50	331.98
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,439.93	356.79
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,663.45	316.66
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,830.40	355.32
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,003.10	380.13
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,487.02	469.15
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,165.85	328.69
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,277.92	367.36
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,452.02	392.17
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,962.69	481.19
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,782.06	507.82
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,724.63	377.94
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,897.33	402.75
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,220.79	491.77
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,504.63	518.40
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,676.48	543.58
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,257.17	408.95
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,455.20	433.76
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,778.68	522.78
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,089.26	549.41
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,730.47	574.58
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,629.34	693.15
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,388.55	441.79
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,585.18	466.60
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,855.16	555.61
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,164.34	582.24
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,793.60	607.41
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,216.73	725.98
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,450.44	773.41
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,427.22	492.87
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,637.91	517.67
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,888.20	606.68
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,218.48	633.31
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,314.33	658.49
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,479.18	777.05
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,724.15	824.47
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,363.05	977.70
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,867.52	525.69
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,019.11	550.50
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,356.64	639.52
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,571.52	666.15
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,696.92	691.33
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,079.24	809.88
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,208.76	857.31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,729.90	954.18
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,710.30	1,065.25
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,863.06	757.35
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,932.16	782.52
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,328.55	901.09
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,462.35	948.52
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,036.50	1,101.74
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,688.68	1,156.46
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,794.35	1,503.03
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,362.49	963.47
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,395.10	984.99
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,730.19	1,081.68
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,857.04	1,125.45
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,330.58	1,253.13
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,902.03	1,302.38
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,884.16	1,585.11
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,093.92	1,732.86
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,765.53	866.80
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,803.67	891.96
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,181.76	1,010.53
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,285.99	1,057.96
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,816.52	1,211.18
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,396.25	1,265.90
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,408.26	1,612.47
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	43,467.77	1,793.06
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,116.21	2,013.77
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	30,562.37	1,010.53
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	30,941.87	1,129.10
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,046.10	1,176.53
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,542.85	1,329.74
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,122.59	1,384.46
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,541.43	1,731.04

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	413.33	137.17
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	531.54	147.38
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	585.12	164.16
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	718.91	170.74
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	723.23	187.51
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	848.49	197.73
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	923.50	183.14
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	953.14	199.92
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,046.03	210.14
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,177.11	233.48
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,457.00	199.92
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,152.99	210.14
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,276.84	220.34
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,403.70	243.69
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,361.98	256.10
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,726.27	224.36
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,389.99	241.14
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,309.75	251.36
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,460.54	274.70
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,817.96	286.74
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,957.86	297.32
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,185.67	273.97
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,722.62	284.19
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,893.10	307.54
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,878.98	319.58
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,168.06	330.16
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,160.15	361.17
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,230.69	325.05
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,160.30	335.26
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,340.65	358.61
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,278.67	370.65
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,636.70	381.23
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,466.94	412.24
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,051.52	445.07
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,933.48	368.09
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,316.49	391.44
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,569.78	403.48
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,664.63	414.06
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,231.67	445.07
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,910.54	477.91
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,134.75	472.62
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,654.13	536.28
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,891.07	569.10
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,341.42	620.18
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,011.86	653.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,747.02	585.53
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,137.37	618.36
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,649.65	669.43
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,414.38	702.26
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,855.85	793.47
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,205.74	762.46
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,931.52	853.67
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,893.52	902.91
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,794.20	881.03
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,852.14	972.22
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,078.73	1,021.48
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,620.30	1,081.68
40 05 19 00-1989		Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*		
40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	451.33	137.17
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	575.17	147.38
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	654.08	164.16
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	718.91	170.74
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	769.68	187.51
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	892.12	197.73
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	923.50	183.14
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,003.81	199.92
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,099.51	210.14
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,270.00	233.48
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,152.99	210.14
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,250.10	220.34
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,393.85	243.69
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,599.84	256.10
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,389.99	241.14
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,511.01	251.36
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,681.51	274.70
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,861.59	286.74
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,957.86	297.32
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,722.62	284.19
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,893.10	307.54
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,073.21	319.58
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,168.06	330.16
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,376.89	361.17
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,531.88	325.05
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,305.27	335.26
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,340.65	358.61
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,561.56	370.65
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,636.70	381.23
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,883.54	412.24
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,050.11	445.07
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,223.41	368.09
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,316.49	391.44
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,392.44	403.48
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,466.18	414.06
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,717.24	445.07
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,910.54	477.91
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,134.75	472.62
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,788.00	505.27
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,616.82	536.28
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,922.04	569.10
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,341.42	620.18
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,011.86	653.02
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,808.95	585.53
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,137.37	618.36
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,618.69	669.43
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,380.60	702.26
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,824.89	793.47
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,205.74	762.46
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,131.44	853.67
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,893.52	902.91
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,852.14	972.22
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,078.73	1,021.48
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	23,620.30	1,081.68
40 05 19 00-2044		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*		
40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	160.52	47.43
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	241.24	70.04
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	352.63	83.18
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	487.63	97.04
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	631.29	113.82
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	838.07	127.69
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,002.22	145.93

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,356.68	204.29
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,804.21	255.37
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,578.18	310.09
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,646.40	361.17
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	6,550.33	397.65
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	9,254.30	437.78
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	12,243.59	492.50

40 05 19 00-2059 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2060	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	29.75	
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*8.33*	
		For Hot Dip Galvanized, Add	*11.90*	
40 05 19 00-2061	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	45.91	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*12.85*	
		For Hot Dip Galvanized, Add	*18.36*	
40 05 19 00-2062	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	49.85	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*13.96*	
		For Hot Dip Galvanized, Add	*19.94*	
40 05 19 00-2063	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	111.98	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*31.35*	
		For Hot Dip Galvanized, Add	*44.79*	
40 05 19 00-2064	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack	112.96	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*31.63*	
		For Hot Dip Galvanized, Add	*45.18*	
40 05 19 00-2065	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack	126.56	
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*35.44*	
		For Hot Dip Galvanized, Add	*50.62*	
40 05 19 00-2066	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack	212.76	
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*59.57*	
		For Hot Dip Galvanized, Add	*85.10*	
40 05 19 00-2067	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack	309.08	
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*86.54*	
		For Hot Dip Galvanized, Add	*123.63*	
40 05 19 00-2068	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack	390.26	
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*109.27*	
		For Hot Dip Galvanized, Add	*156.10*	
40 05 19 00-2069	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack	558.39	
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*156.35*	
		For Hot Dip Galvanized, Add	*223.36*	
40 05 19 00-2070	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack	882.34	
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*247.06*	
		For Hot Dip Galvanized, Add	*352.94*	
40 05 19 00-2071	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,258.67	
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*352.43*	
		For Hot Dip Galvanized, Add	*503.47*	
40 05 19 00-2072	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,619.25	
		Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*453.39*	
		For Hot Dip Galvanized, Add	*647.70*	
40 05 19 00-2073	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,979.08	
		Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*554.14*	
		For Hot Dip Galvanized, Add	*791.63*	

40 05 19 00-2074 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2075 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-2074)*

40 05 19 00-2076	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.04	
40 05 19 00-2077	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.24	
40 05 19 00-2078	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	13.89	
40 05 19 00-2079	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.09	
40 05 19 00-2080	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	17.55	
40 05 19 00-2081	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.25	
40 05 19 00-2082	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	35.83	
40 05 19 00-2083	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	38.02	
40 05 19 00-2084	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	58.50	
40 05 19 00-2085	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	62.89	
40 05 19 00-2086	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	81.17	
40 05 19 00-2087	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	92.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2088	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	99.45	
40 05 19 00-2089	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	108.96	
40 05 19 00-2090		Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-2074)*		
		Note: (Acrylonitrile Butadiene)		
40 05 19 00-2091	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	24.86	
40 05 19 00-2092	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	35.10	
40 05 19 00-2093	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	54.11	
40 05 19 00-2094	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	59.23	
40 05 19 00-2095	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	63.62	
40 05 19 00-2096	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	119.92	
40 05 19 00-2097	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	147.71	
40 05 19 00-2098	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	148.44	
40 05 19 00-2099	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	154.29	
40 05 19 00-2100	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	163.07	
40 05 19 00-2101	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	180.62	
40 05 19 00-2102	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	198.90	
40 05 19 00-2103	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	282.99	
40 05 19 00-2104	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	309.32	
40 05 19 00-2105		Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-2074)*		
40 05 19 00-2106	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	21.94	
40 05 19 00-2107	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	28.52	
40 05 19 00-2108	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	38.76	
40 05 19 00-2109	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	45.34	
40 05 19 00-2110	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	50.46	
40 05 19 00-2111	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	83.36	
40 05 19 00-2112	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	100.18	
40 05 19 00-2113	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	100.91	
40 05 19 00-2114	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	103.11	
40 05 19 00-2115	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	119.92	
40 05 19 00-2116	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	146.98	
40 05 19 00-2117	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	167.46	
40 05 19 00-2118	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	239.85	
40 05 19 00-2119	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	264.71	
40 05 19 00-2120		Full Face Flange Neoprene Gaskets *(40 05 19 00-2074)*		
		Note: (Polychloroprene)		
40 05 19 00-2121	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	25.59	
40 05 19 00-2122	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	35.83	
40 05 19 00-2123	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	54.84	
40 05 19 00-2124	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	59.23	
40 05 19 00-2125	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	63.62	
40 05 19 00-2126	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	84.82	
40 05 19 00-2127	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	149.18	
40 05 19 00-2128	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	149.91	
40 05 19 00-2129	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	158.68	
40 05 19 00-2130	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	160.88	
40 05 19 00-2131	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	174.77	
40 05 19 00-2132	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	196.71	
40 05 19 00-2133	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	285.19	
40 05 19 00-2134	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	312.24	
40 05 19 00-2135		Full Face Flange FKM Gaskets *(40 05 19 00-2074)*		
		Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-2136	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	105.77	
40 05 19 00-2137	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	157.48	
40 05 19 00-2138	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	210.36	
40 05 19 00-2139	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	253.84	
40 05 19 00-2140	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	330.23	
40 05 19 00-2141	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	604.05	
40 05 19 00-2142	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	692.19	
40 05 19 00-2143	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	725.10	
40 05 19 00-2144	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	773.28	
40 05 19 00-2145	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,069.43	
40 05 19 00-2146	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,282.14	
40 05 19 00-2147	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,352.66	
40 05 19 00-2148	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	1,686.41	
40 05 19 00-2149	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	1,767.50	
40 05 19 00-2150		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-2151	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	361.76	67.90
40 05 19 00-2152	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	502.08	82.88
40 05 19 00-2153	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	743.70	101.08
40 05 19 00-2154	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,021.77	123.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2155	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,297.32	150.37
40 05 19 00-2156	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,085.59	183.46
40 05 19 00-2157	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,281.35	223.90
40 05 19 00-2158	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,387.17	273.08
40 05 19 00-2159	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,149.85	333.23
40 05 19 00-2160	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,622.98	406.46
40 05 19 00-2161	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,958.67	495.98
40 05 19 00-2162	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	8,861.35	605.00
40 05 19 00-2163	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	23,120.01	738.18
40 05 19 00-2164	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	29,532.58	900.52

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 23)*

Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.

40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	33.21	8.61
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.13*	
		For Work In Restricted Working Space, Add	*5.19*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	37.24	9.87
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.33*	
		For Work In Restricted Working Space, Add	*6.17*	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	43.40	11.13
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.08*	
		For Work In Restricted Working Space, Add	*7.16*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	50.36	13.45
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*6.41*	
		For Work In Restricted Working Space, Add	*7.71*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	55.79	13.84
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*7.35*	
		For Work In Restricted Working Space, Add	*8.26*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	67.64	18.29
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*8.96*	
		For Work In Restricted Working Space, Add	*9.96*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	100.35	22.54
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*15.40*	
		For Work In Restricted Working Space, Add	*12.33*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	127.45	26.13
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*20.06*	
		For Work In Restricted Working Space, Add	*15.09*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	174.91	26.13
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*19.14*	

40 05 23 23-0011 Stainless Steel Tubing And Fittings *(40 05 23 23)*

40 05 23 23-0012 Type 304 Tubing *(40 05 23 23-0011)*

40 05 23 23-0013 0.035" Wall *(40 05 23 23-0012)*

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	7.76	2.84
		For Work In Restricted Working Space, Add	*1.69*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	8.99	3.37
		For Work In Restricted Working Space, Add	*2.03*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	10.74	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	17.70	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	21.02	5.05
		For Work In Restricted Working Space, Add	*3.05*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	23.25	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	25.94	6.83
		For Work In Restricted Working Space, Add	*4.07*	

40 05 23 23-0021 0.049" Wall *(40 05 23 23-0012)*

40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	13.06	3.37
		For Work In Restricted Working Space, Add	*2.03*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	14.54	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	17.51	4.52
		For Work In Restricted Working Space, Add	*2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	22.16	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	25.33	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	28.42	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	32.81	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0029		**0.065" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	15.25	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	17.55	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	21.63	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	25.42	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	29.98	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	34.47	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	38.84	10.09
		For Work In Restricted Working Space, Add	*6.06*	
40 05 23 23-0037		**Type 304 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0038		**90 Degree Elbows** *(40 05 23 23-0037)*		
40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	49.42	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	58.54	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	88.64	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	94.61	15.66
		For Work In Restricted Working Space, Add	*9.41*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	105.88	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	145.06	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	184.89	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0046		**Union Tees** *(40 05 23 23-0037)*		
40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	78.49	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	95.38	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	130.78	21.03
		For Work In Restricted Working Space, Add	*12.62*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	140.59	23.86
		For Work In Restricted Working Space, Add	*14.33*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	180.07	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	287.31	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	344.35	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0054		**Unions** *(40 05 23 23-0037)*		
40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	74.94	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	97.38	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	132.09	21.03
		For Work In Restricted Working Space, Add	*12.62*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	161.19	23.86
		For Work In Restricted Working Space, Add	*14.33*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	192.61	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	297.31	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	316.00	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0062		**Male Connectors** *(40 05 23 23-0037)*		
40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	36.72	11.35
		For Work In Restricted Working Space, Add	*6.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	46.05	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	59.92	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	67.54	15.66
		For Work In Restricted Working Space, Add	*9.41*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	81.82	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	123.96	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	129.53	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0070		Type 304 Valves *(40 05 23 23-0011)*		
40 05 23 23-0071		Gate Valves *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	171.63	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	286.51	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	299.02	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	331.72	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	307.39	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0077		Globe Valves *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	173.94	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	116.58	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	207.62	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	231.34	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	336.48	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0083		Check Valves *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	241.84	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	243.45	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	162.80	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	171.07	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	191.03	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0089		Plug Valves *(40 05 23 23-0070)*		
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	373.70	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	409.49	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	465.02	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	643.42	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	838.58	52.56
		For Work In Restricted Working Space, Add	*31.54*	
40 05 23 23-0095		Type 316 Tubing *(40 05 23 23-0011)*		
40 05 23 23-0096		0.035" Wall *(40 05 23 23-0095)*		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	8.09	2.84
		For Work In Restricted Working Space, Add	*1.69*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	10.57	3.37
		For Work In Restricted Working Space, Add	*2.03*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	11.71	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	20.26	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	23.00	5.05
		For Work In Restricted Working Space, Add	*3.05*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	29.36	5.68
		For Work In Restricted Working Space, Add	*3.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	30.68	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0104		**0.049" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	14.44	3.37
		For Work In Restricted Working Space, Add	*2.03*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	15.98	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	18.85	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	24.65	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	28.42	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	36.38	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	36.98	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0112		**0.065" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	16.88	3.99
		For Work In Restricted Working Space, Add	*2.37*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	18.80	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	23.59	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	28.12	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	34.12	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	37.54	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	43.79	10.09
		For Work In Restricted Working Space, Add	*6.06*	
40 05 23 23-0120		**Type 316 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0121		**90 Degree Elbows** *(40 05 23 23-0120)*		
40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	68.77	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	82.94	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	132.40	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	140.26	15.66
		For Work In Restricted Working Space, Add	*9.41*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	157.85	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	222.69	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	286.08	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0129		**Union Tees** *(40 05 23 23-0120)*		
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	110.68	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	137.14	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	194.84	21.03
		For Work In Restricted Working Space, Add	*12.62*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	207.59	23.86
		For Work In Restricted Working Space, Add	*14.33*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	273.06	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	453.72	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	543.99	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0137		**Unions** *(40 05 23 23-0120)*		
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	70.04	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	90.23	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	121.33	21.03
		For Work In Restricted Working Space, Add	*12.62*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	147.63	23.86
		For Work In Restricted Working Space, Add	*14.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	175.72	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	268.56	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	286.34	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0145		**Male Connectors** *(40 05 23 23-0120)*		
40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	46.69	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	61.12	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	82.47	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	93.10	15.66
		For Work In Restricted Working Space, Add	*9.41*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	115.70	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	185.06	18.82
		For Work In Restricted Working Space, Add	*11.26*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	189.49	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0153		**Type 316 Valves** *(40 05 23 23-0011)*		
40 05 23 23-0154		**Gate Valves** *(40 05 23 23-0153)*		
40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	217.17	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	368.61	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	381.12	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	422.26	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	384.74	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	525.92	35.21
		For Work In Restricted Working Space, Add	*21.13*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	840.74	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,001.56	52.56
		For Work In Restricted Working Space, Add	*31.54*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	1,507.97	168.29
		For Work In Restricted Working Space, Add	*100.94*	
40 05 23 23-0164		**Globe Valves** *(40 05 23 23-0153)*		
40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	220.22	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	143.82	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	260.22	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	289.47	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	423.23	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	526.87	35.00
		For Work In Restricted Working Space, Add	*20.97*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	871.30	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,032.12	52.56
		For Work In Restricted Working Space, Add	*31.54*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,314.42	168.29
		For Work In Restricted Working Space, Add	*100.94*	
40 05 23 23-0174		**Check Valves** *(40 05 23 23-0153)*		
40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	310.05	16.93
		For Work In Restricted Working Space, Add	*9.18*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	311.66	19.87
		For Work In Restricted Working Space, Add	*9.67*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	200.93	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	209.74	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	230.81	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	316.75	35.21
		For Work In Restricted Working Space, Add	*21.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	698.13	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	848.76	52.56
		For Work In Restricted Working Space, Add	*31.54*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	1,694.73	168.29
		For Work In Restricted Working Space, Add	*100.94*	

40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 23-0153)*

40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	334.32	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	390.46	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	498.24	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	790.79	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,104.81	52.56
		For Work In Restricted Working Space, Add	*31.54*	

40 05 23 23-0190 Diaphragm Valves, Teflon Lined *(40 05 23 23-0153)*

40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	441.43	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	507.49	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	615.27	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	955.42	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,301.17	52.56
		For Work In Restricted Working Space, Add	*31.54*	

40 05 23 23-0196 Strainers *(40 05 23 23-0153)*

40 05 23 23-0197	EA	1/2" Strainer, Stainless Steel Type 316	442.46	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0198	EA	3/4" Strainer, Stainless Steel Type 316	529.32	25.76
		For Work In Restricted Working Space, Add	*15.45*	
40 05 23 23-0199	EA	1" Strainer, Stainless Steel Type 316	692.66	34.16
		For Work In Restricted Working Space, Add	*20.50*	
40 05 23 23-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	858.69	35.21
		For Work In Restricted Working Space, Add	*21.13*	
40 05 23 23-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,076.68	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0202	EA	2" Strainer, Stainless Steel Type 316	1,552.18	52.56
		For Work In Restricted Working Space, Add	*31.54*	
40 05 23 23-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	2,132.67	69.90
		For Work In Restricted Working Space, Add	*41.95*	
40 05 23 23-0204	EA	3" Strainer, Stainless Steel Type 316	3,106.39	105.12
		For Work In Restricted Working Space, Add	*63.07*	
40 05 23 23-0205	EA	4" Strainer, Stainless Steel Type 316	3,982.71	168.18
		For Work In Restricted Working Space, Add	*100.91*	

40 05 23 23-0206 Plug Valves *(40 05 23 23-0153)*

40 05 23 23-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	471.21	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	515.67	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0209	EA	1" Plug Valve, Stainless Steel Type 316	582.76	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	811.40	38.37
		For Work In Restricted Working Space, Add	*23.02*	
40 05 23 23-0211	EA	2" Plug Valve, Stainless Steel Type 316	1,056.00	52.56
		For Work In Restricted Working Space, Add	*31.54*	

40 05 23 23-0212 Cut And Prepare Existing Pipe In-Place *(40 05 23 23-0011)*

Note: For use when connecting pipe to an existing in-place system.

40 05 23 23-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	21.02
40 05 23 23-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	22.69
40 05 23 23-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	25.53
40 05 23 23-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	26.79
40 05 23 23-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	28.36
40 05 23 23-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	30.47
40 05 23 23-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	32.58
40 05 23 23-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	35.72
40 05 23 23-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	38.87
40 05 23 23-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	42.03
40 05 23 23-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	45.18
40 05 23 23-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	49.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	53.58	
40 05 23 23-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	57.79	
40 05 23 23-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	61.99	
40 05 23 23-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	65.14	
40 05 23 23-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	68.29	
40 05 23 23-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	72.50	
40 05 23 23-0231		Stainless Steel Pipe And Fittings *(40 05 23 23)*		
40 05 23 23-0232		Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 23-0231)*		
40 05 23 23-0233		Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0232)*		
40 05 23 23-0234	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	16.85	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0235	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	20.71	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	25.53	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	30.75	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	35.64	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	45.60	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	62.44	13.46
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	78.48	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	106.43	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0243		150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*		
40 05 23 23-0244	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	36.49	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0245	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	48.41	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0246	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	62.19	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0247	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	87.02	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0248	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	103.61	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0249	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	126.14	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0250	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	210.46	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0251	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	270.97	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0252	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	367.97	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-0253		150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*		
40 05 23 23-0254	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	37.08	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	49.37	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0256	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	62.48	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	86.91	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	102.19	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0259	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	125.81	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	216.88	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0261	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	283.50	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0262	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	382.57	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-0263		150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*		
40 05 23 23-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee	54.78	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee	73.37	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Tee	91.16	42.05
		For Work In Restricted Working Space, Add	*25.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee	130.84	58.45
		For Work In Restricted Working Space, Add	*35.04*	
40 05 23 23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee	148.87	65.69
		For Work In Restricted Working Space, Add	*39.42*	
40 05 23 23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee	197.64	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee	301.40	126.66
		For Work In Restricted Working Space, Add	*75.99*	
40 05 23 23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee	408.41	169.55
		For Work In Restricted Working Space, Add	*101.73*	
40 05 23 23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee	545.67	210.24
		For Work In Restricted Working Space, Add	*126.14*	

40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

40 05 23 23-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer	47.97	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer	61.24	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer	84.33	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0277	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	100.72	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0278	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	126.20	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0279	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	208.56	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0280	EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	273.56	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0281	EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	359.01	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0232)*

40 05 23 23-0283	EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	18.68	8.52
		For Work In Restricted Working Space, Add	*5.09*	
40 05 23 23-0284	EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	24.76	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0285	EA	1", 150#, Type 304 Stainless Steel Threaded Cap	31.25	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0286	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	45.50	19.87
		For Work In Restricted Working Space, Add	*11.90*	
40 05 23 23-0287	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	52.37	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0288	EA	2", 150#, Type 304 Stainless Steel Threaded Cap	66.56	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0289	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	101.67	42.05
		For Work In Restricted Working Space, Add	*25.23*	
40 05 23 23-0290	EA	3", 150#, Type 304 Stainless Steel Threaded Cap	134.95	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0291	EA	4", 150#, Type 304 Stainless Steel Threaded Cap	181.28	70.11
		For Work In Restricted Working Space, Add	*42.05*	

40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0232)*

40 05 23 23-0293	EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	58.51	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0294	EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	76.98	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0295	EA	1", 150#, Type 304 Stainless Steel Threaded Union	97.92	42.05
		For Work In Restricted Working Space, Add	*25.23*	
40 05 23 23-0296	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	140.79	58.45
		For Work In Restricted Working Space, Add	*35.04*	
40 05 23 23-0297	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	158.52	65.69
		For Work In Restricted Working Space, Add	*39.42*	
40 05 23 23-0298	EA	2", 150#, Type 304 Stainless Steel Threaded Union	207.69	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0299	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	350.78	131.40
		For Work In Restricted Working Space, Add	*78.84*	
40 05 23 23-0300	EA	3", 150#, Type 304 Stainless Steel Threaded Union	449.92	169.55
		For Work In Restricted Working Space, Add	*101.73*	
40 05 23 23-0301	EA	4", 150#, Type 304 Stainless Steel Threaded Union	460.21	140.17
		For Work In Restricted Working Space, Add	*84.11*	

40 05 23 23-0302 150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0232)*

40 05 23 23-0303	EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	36.24	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0304	EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	48.08	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0305	EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	61.92	28.39
		For Work In Restricted Working Space, Add	*17.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0306	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	85.97	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0307	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	101.03	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0308	EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	124.22	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0309	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	204.98	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0310	EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	264.55	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0311	EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	340.14	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings
(40 05 23 23-0231)

40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0312)*

40 05 23 23-0314	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	20.99	4.52
		For Work In Restricted Working Space, Add	*2.71*	
40 05 23 23-0315	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	24.79	5.68
		For Work In Restricted Working Space, Add	*3.39*	
40 05 23 23-0316	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	31.39	6.83
		For Work In Restricted Working Space, Add	*4.07*	
40 05 23 23-0317	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	38.42	7.88
		For Work In Restricted Working Space, Add	*4.74*	
40 05 23 23-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	44.73	8.93
		For Work In Restricted Working Space, Add	*5.39*	
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	57.77	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	79.45	13.46
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	103.84	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	139.44	22.39
		For Work In Restricted Working Space, Add	*13.42*	

40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	37.26	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	49.57	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	62.90	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	88.29	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	105.31	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	128.23	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	213.81	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	279.18	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	377.94	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	37.89	16.93
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	49.96	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	63.36	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	88.16	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	103.66	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	127.77	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	220.04	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	290.76	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	402.16	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees *(40 05 23 23-0312)*

40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	55.61	25.64
		For Work In Restricted Working Space, Add	*15.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	74.21	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	92.10	42.05
		For Work In Restricted Working Space, Add	*25.23*	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	132.75	58.45
		For Work In Restricted Working Space, Add	*35.04*	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	150.76	65.69
		For Work In Restricted Working Space, Add	*39.42*	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	200.13	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	311.58	126.66
		For Work In Restricted Working Space, Add	*75.99*	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	422.29	169.55
		For Work In Restricted Working Space, Add	*101.73*	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	556.02	210.24
		For Work In Restricted Working Space, Add	*126.14*	

40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers *(40 05 23 23-0312)*

40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	48.68	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	63.34	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	84.73	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	102.78	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	129.82	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	216.79	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	282.64	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	374.15	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps *(40 05 23 23-0312)*

40 05 23 23-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	19.14	8.52
		For Work In Restricted Working Space, Add	*5.09*	
40 05 23 23-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	25.10	11.35
		For Work In Restricted Working Space, Add	*6.78*	
40 05 23 23-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	31.86	13.98
		For Work In Restricted Working Space, Add	*8.41*	
40 05 23 23-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	47.20	19.87
		For Work In Restricted Working Space, Add	*11.90*	
40 05 23 23-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	54.39	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	69.19	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	106.01	42.05
		For Work In Restricted Working Space, Add	*25.23*	
40 05 23 23-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	139.36	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	190.03	70.11
		For Work In Restricted Working Space, Add	*42.05*	

40 05 23 23-0372 150#, Type 316 Stainless Steel Threaded Unions *(40 05 23 23-0312)*

40 05 23 23-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	59.50	25.64
		For Work In Restricted Working Space, Add	*15.38*	
40 05 23 23-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	80.73	33.95
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union	99.82	42.05
		For Work In Restricted Working Space, Add	*25.23*	
40 05 23 23-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	144.01	58.45
		For Work In Restricted Working Space, Add	*35.04*	
40 05 23 23-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	162.29	65.69
		For Work In Restricted Working Space, Add	*39.42*	
40 05 23 23-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union	212.05	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	357.47	131.40
		For Work In Restricted Working Space, Add	*78.84*	
40 05 23 23-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union	470.75	169.55
		For Work In Restricted Working Space, Add	*101.73*	
40 05 23 23-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union	504.62	140.17
		For Work In Restricted Working Space, Add	*84.11*	

40 05 23 23-0382 150#, Type 316 Stainless Steel Threaded Couplings *(40 05 23 23-0312)*

40 05 23 23-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	37.81	16.93
		For Work In Restricted Working Space, Add	*10.17*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	48.81	22.39
		For Work In Restricted Working Space, Add	*13.42*	
40 05 23 23-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	62.61	28.39
		For Work In Restricted Working Space, Add	*17.05*	
40 05 23 23-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	87.07	38.89
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0387	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	102.36	45.72
		For Work In Restricted Working Space, Add	*27.42*	
40 05 23 23-0388	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	126.05	55.29
		For Work In Restricted Working Space, Add	*33.20*	
40 05 23 23-0389	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	211.39	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-0390	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	272.80	113.00
		For Work In Restricted Working Space, Add	*67.82*	
40 05 23 23-0391	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	352.52	140.12
		For Work In Restricted Working Space, Add	*84.09*	

40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0392)*

40 05 23 23-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	18.98	4.42
		For Work In Restricted Working Space, Add	*2.65*	
40 05 23 23-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	22.53	5.40
		For Work In Restricted Working Space, Add	*3.24*	
40 05 23 23-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	30.14	6.38
		For Work In Restricted Working Space, Add	*3.80*	
40 05 23 23-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	36.74	7.95
		For Work In Restricted Working Space, Add	*4.75*	
40 05 23 23-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	40.82	8.93
		For Work In Restricted Working Space, Add	*5.36*	
40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	50.49	11.10
		For Work In Restricted Working Space, Add	*6.64*	
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	60.56	12.67
		For Work In Restricted Working Space, Add	*7.58*	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	71.71	14.24
		For Work In Restricted Working Space, Add	*8.54*	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	90.43	16.89
		For Work In Restricted Working Space, Add	*10.11*	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	132.81	22.19
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	220.97	39.85
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	284.87	43.81
		For Work In Restricted Working Space, Add	*28.17*	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	342.35	48.72
		For Work In Restricted Working Space, Add	*31.30*	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	423.09	54.77
		For Work In Restricted Working Space, Add	*35.21*	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	465.02	62.59
		For Work In Restricted Working Space, Add	*40.24*	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	519.92	73.02
		For Work In Restricted Working Space, Add	*46.94*	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	726.97	87.63
		For Work In Restricted Working Space, Add	*56.33*	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	949.85	109.54
		For Work In Restricted Working Space, Add	*70.41*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	116.15	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	123.03	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	135.55	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	147.91	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	163.37	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	182.55	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	236.95	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	277.92	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	339.52	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	460.74	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	796.47	301.77
		For Work In Restricted Working Space, Add	*201.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,164.15	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,757.22	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,075.35	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,431.50	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,070.67	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	4,282.58	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	6,145.29	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	117.40	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	124.28	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	137.04	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	149.90	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	163.62	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	182.55	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	235.71	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	275.68	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	335.29	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	438.63	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	753.80	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,088.19	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,636.96	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,927.75	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,249.33	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,831.44	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,959.77	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	5,687.37	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0392)*

40 05 23 23-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	155.94	64.02
		For Work In Restricted Working Space, Add	*42.68*	
40 05 23 23-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	188.32	78.60
		For Work In Restricted Working Space, Add	*52.40*	
40 05 23 23-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	209.90	88.31
		For Work In Restricted Working Space, Add	*58.87*	
40 05 23 23-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	238.96	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	253.87	108.09
		For Work In Restricted Working Space, Add	*72.06*	
40 05 23 23-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	276.65	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	355.30	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	420.24	177.03
		For Work In Restricted Working Space, Add	*118.02*	
40 05 23 23-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	481.78	198.68
		For Work In Restricted Working Space, Add	*132.46*	
40 05 23 23-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	695.81	264.90
		For Work In Restricted Working Space, Add	*176.61*	
40 05 23 23-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,146.70	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	1,757.22	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,254.36	754.41
		For Work In Restricted Working Space, Add	*502.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	2,768.14	906.60
		For Work In Restricted Working Space, Add	*604.40*	
40 05 23 23-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	3,354.99	1,105.95
		For Work In Restricted Working Space, Add	*737.30*	
40 05 23 23-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	4,269.32	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	5,702.16	1,852.96
		For Work In Restricted Working Space, Add	*1,235.30*	
40 05 23 23-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	8,557.47	2,816.48
		For Work In Restricted Working Space, Add	*1,877.66*	

40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0392)*

40 05 23 23-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	143.23	53.48
		For Work In Restricted Working Space, Add	*35.66*	
40 05 23 23-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	170.01	65.55
		For Work In Restricted Working Space, Add	*43.70*	
40 05 23 23-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	208.12	73.65
		For Work In Restricted Working Space, Add	*49.10*	
40 05 23 23-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	217.14	83.96
		For Work In Restricted Working Space, Add	*55.97*	
40 05 23 23-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	228.07	90.21
		For Work In Restricted Working Space, Add	*60.14*	
40 05 23 23-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	293.29	98.31
		For Work In Restricted Working Space, Add	*65.54*	
40 05 23 23-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	345.88	117.84
		For Work In Restricted Working Space, Add	*78.56*	
40 05 23 23-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	426.72	147.30
		For Work In Restricted Working Space, Add	*98.19*	
40 05 23 23-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	557.40	168.30
		For Work In Restricted Working Space, Add	*112.20*	
40 05 23 23-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,044.11	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,702.53	335.30
		For Work In Restricted Working Space, Add	*223.53*	
40 05 23 23-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,438.25	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,956.83	604.23
		For Work In Restricted Working Space, Add	*402.82*	
40 05 23 23-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,659.35	737.05
		For Work In Restricted Working Space, Add	*491.36*	
40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,722.40	938.83
		For Work In Restricted Working Space, Add	*625.89*	
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	6,692.75	1,235.31
		For Work In Restricted Working Space, Add	*823.53*	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	10,456.21	1,875.99
		For Work In Restricted Working Space, Add	*1,250.66*	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	116.54	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	128.23	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	142.15	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	151.51	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	165.36	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	220.75	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	249.67	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	291.86	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	376.29	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	605.14	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	768.56	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,032.89	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,462.16	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,706.19	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,103.52	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,940.80	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	4,253.89	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	139.90	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	145.38	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	153.90	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	172.88	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	180.77	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	237.65	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	266.32	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	304.74	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	422.76	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	704.77	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	962.89	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,212.46	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,876.40	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,180.84	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,682.81	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,869.08	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	5,484.16	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	63.67	25.19
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	69.85	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap	76.72	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	84.46	32.02
		For Work In Restricted Working Space, Add	*21.35*	
40 05 23 23-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	90.77	35.36
		For Work In Restricted Working Space, Add	*23.58*	
40 05 23 23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap	98.11	39.34
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	127.30	50.35
		For Work In Restricted Working Space, Add	*33.57*	
40 05 23 23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap	144.31	59.02
		For Work In Restricted Working Space, Add	*39.34*	
40 05 23 23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap	173.86	70.63
		For Work In Restricted Working Space, Add	*47.09*	
40 05 23 23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap	223.98	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap	384.96	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap	512.67	201.18
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap	756.08	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap	887.13	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,027.57	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,297.16	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap	1,792.96	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap	2,637.47	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

40 05 23 23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	21.47	4.42
		For Work In Restricted Working Space, Add	*2.65*	
40 05 23 23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	26.06	5.40
		For Work In Restricted Working Space, Add	*3.24*	
40 05 23 23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	32.04	6.38
		For Work In Restricted Working Space, Add	*3.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	40.06	7.86
		For Work In Restricted Working Space, Add	*4.75*	
40 05 23 23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	46.22	8.84
		For Work In Restricted Working Space, Add	*5.36*	
40 05 23 23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	59.38	11.29
		For Work In Restricted Working Space, Add	*6.64*	
40 05 23 23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	74.12	12.77
		For Work In Restricted Working Space, Add	*7.58*	
40 05 23 23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	71.47	14.24
		For Work In Restricted Working Space, Add	*8.54*	
40 05 23 23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	120.67	16.70
		For Work In Restricted Working Space, Add	*10.11*	
40 05 23 23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	189.55	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	334.46	39.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	426.03	43.81
		For Work In Restricted Working Space, Add	*28.17*	
40 05 23 23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	533.34	48.51
		For Work In Restricted Working Space, Add	*31.30*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	117.15	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	124.03	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	136.30	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	148.46	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	163.87	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	184.29	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	243.41	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	287.36	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	355.42	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	562.39	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	934.98	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,445.17	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,121.72	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,517.54	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,999.55	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,859.96	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	5,256.79	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	7,535.16	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	118.89	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	125.77	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	137.54	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	149.72	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	165.11	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	184.56	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	243.41	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	280.40	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	359.15	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	477.64	176.46
		For Work In Restricted Working Space, Add	*117.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	846.13	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,223.20	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,794.26	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,038.68	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,429.41	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,064.56	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,183.50	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	6,067.25	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*

40 05 23 23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	156.93	64.02
		For Work In Restricted Working Space, Add	*42.68*	
40 05 23 23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	189.31	78.60
		For Work In Restricted Working Space, Add	*52.40*	
40 05 23 23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee	210.89	88.31
		For Work In Restricted Working Space, Add	*58.87*	
40 05 23 23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	241.49	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	254.86	108.09
		For Work In Restricted Working Space, Add	*72.06*	
40 05 23 23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee	277.90	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	358.66	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee	425.46	177.03
		For Work In Restricted Working Space, Add	*118.02*	
40 05 23 23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee	487.50	198.68
		For Work In Restricted Working Space, Add	*132.46*	
40 05 23 23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee	735.32	264.90
		For Work In Restricted Working Space, Add	*176.61*	
40 05 23 23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,263.99	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,117.17	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee	2,633.90	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee	3,532.92	906.60
		For Work In Restricted Working Space, Add	*604.40*	
40 05 23 23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee	4,471.52	1,105.95
		For Work In Restricted Working Space, Add	*737.30*	
40 05 23 23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee	5,785.29	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee	7,480.36	1,852.96
		For Work In Restricted Working Space, Add	*1,235.30*	
40 05 23 23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee	11,445.47	2,816.48
		For Work In Restricted Working Space, Add	*1,877.66*	

40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0541)*

40 05 23 23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	146.46	53.48
		For Work In Restricted Working Space, Add	*35.66*	
40 05 23 23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	173.24	65.55
		For Work In Restricted Working Space, Add	*43.70*	
40 05 23 23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	223.67	73.65
		For Work In Restricted Working Space, Add	*49.10*	
40 05 23 23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	221.86	83.96
		For Work In Restricted Working Space, Add	*55.97*	
40 05 23 23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	228.07	90.21
		For Work In Restricted Working Space, Add	*60.14*	
40 05 23 23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	277.40	98.31
		For Work In Restricted Working Space, Add	*65.54*	
40 05 23 23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	310.84	117.84
		For Work In Restricted Working Space, Add	*78.56*	
40 05 23 23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	408.33	147.30
		For Work In Restricted Working Space, Add	*98.19*	
40 05 23 23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	560.39	168.30
		For Work In Restricted Working Space, Add	*112.20*	
40 05 23 23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	938.62	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,735.54	335.30
		For Work In Restricted Working Space, Add	*223.53*	
40 05 23 23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,504.28	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,864.18	604.23
		For Work In Restricted Working Space, Add	*402.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,543.32	737.05
		For Work In Restricted Working Space, Add	*491.36*	
40 05 23 23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,571.09	938.83
		For Work In Restricted Working Space, Add	*625.89*	
40 05 23 23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	6,466.15	1,235.31
		For Work In Restricted Working Space, Add	*823.53*	
40 05 23 23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	10,095.32	1,875.99
		For Work In Restricted Working Space, Add	*1,250.66*	
40 05 23 23-0631		Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0541)*		
40 05 23 23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	119.08	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0633	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	130.71	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0634	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	142.33	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0635	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	153.99	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0636	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	166.85	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0637	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	220.75	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0638	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	240.72	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0639	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	279.14	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0640	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	378.28	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0641	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	647.34	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0642	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	841.03	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0643	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,097.57	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0644	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,607.32	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0645	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,888.67	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0646	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,473.05	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0647	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,376.69	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0648	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	4,705.29	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	140.91	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	150.60	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	171.79	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	182.07	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	194.94	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	237.65	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	297.13	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	325.61	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	443.39	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	706.92	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	961.01	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,310.16	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,128.39	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,414.57	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,153.41	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,101.33	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	6,513.56	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	
40 05 23 23-0666		Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*		
40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	64.42	25.19
		For Work In Restricted Working Space, Add	*16.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	69.10	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	77.47	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	87.78	32.02
		For Work In Restricted Working Space, Add	*21.35*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	94.00	35.36
		For Work In Restricted Working Space, Add	*23.58*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	97.86	39.34
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	125.63	50.35
		For Work In Restricted Working Space, Add	*33.57*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	145.31	59.02
		For Work In Restricted Working Space, Add	*39.34*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	176.84	70.63
		For Work In Restricted Working Space, Add	*47.09*	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	242.37	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	414.49	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	554.42	201.18
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	835.66	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	960.03	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,127.85	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,416.01	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	1,951.44	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	2,902.46	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0685		Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*		
40 05 23 23-0686		Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)*		
40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	22.14	4.42
		For Work In Restricted Working Space, Add	*2.65*	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	26.19	5.40
		For Work In Restricted Working Space, Add	*3.24*	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	35.60	6.38
		For Work In Restricted Working Space, Add	*3.80*	
40 05 23 23-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	43.26	7.95
		For Work In Restricted Working Space, Add	*4.75*	
40 05 23 23-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	48.00	8.93
		For Work In Restricted Working Space, Add	*5.36*	
40 05 23 23-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	59.35	11.10
		For Work In Restricted Working Space, Add	*6.64*	
40 05 23 23-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	71.58	12.67
		For Work In Restricted Working Space, Add	*7.58*	
40 05 23 23-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	85.21	14.24
		For Work In Restricted Working Space, Add	*8.54*	
40 05 23 23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	108.15	16.89
		For Work In Restricted Working Space, Add	*10.11*	
40 05 23 23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	160.47	22.19
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	263.33	39.85
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	344.51	43.81
		For Work In Restricted Working Space, Add	*28.17*	
40 05 23 23-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	416.69	48.72
		For Work In Restricted Working Space, Add	*31.30*	
40 05 23 23-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	518.57	54.77
		For Work In Restricted Working Space, Add	*35.21*	
40 05 23 23-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	568.35	62.59
		For Work In Restricted Working Space, Add	*40.24*	
40 05 23 23-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	633.43	73.02
		For Work In Restricted Working Space, Add	*46.94*	
40 05 23 23-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	895.36	87.63
		For Work In Restricted Working Space, Add	*56.33*	
40 05 23 23-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	1,173.18	109.54
		For Work In Restricted Working Space, Add	*70.41*	
40 05 23 23-0705		Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)*		
40 05 23 23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	117.40	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	124.28	53.46
		For Work In Restricted Working Space, Add	*35.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	137.04	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	150.08	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	164.86	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	184.29	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	240.18	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	282.64	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	346.73	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	479.63	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	831.64	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,245.46	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,868.08	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,179.67	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,596.50	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,268.53	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	4,565.22	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	6,565.28	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	118.89	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	125.77	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	138.53	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	152.07	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	164.86	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	184.29	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	238.69	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	280.40	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	341.51	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	448.81	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	776.34	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,223.20	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,794.26	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,110.50	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,469.69	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,119.19	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	4,431.04	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	6,386.56	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0685)*

40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	159.17	64.02
		For Work In Restricted Working Space, Add	*42.68*	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	191.55	78.60
		For Work In Restricted Working Space, Add	*52.40*	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	213.13	88.31
		For Work In Restricted Working Space, Add	*58.87*	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	244.93	100.70
		For Work In Restricted Working Space, Add	*67.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	258.59	108.09
		For Work In Restricted Working Space, Add	*72.06*	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	280.88	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	341.76	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	428.44	177.03
		For Work In Restricted Working Space, Add	*118.02*	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	492.97	198.68
		For Work In Restricted Working Space, Add	*132.46*	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	727.87	264.90
		For Work In Restricted Working Space, Add	*176.61*	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,230.97	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	1,919.07	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,468.81	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,165.79	906.60
		For Work In Restricted Working Space, Add	*604.40*	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	3,740.08	1,105.95
		For Work In Restricted Working Space, Add	*737.30*	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	4,753.84	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	6,408.73	1,852.96
		For Work In Restricted Working Space, Add	*1,235.30*	
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	9,177.17	2,816.48
		For Work In Restricted Working Space, Add	*1,877.66*	

40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0685)*

40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	150.93	53.48
		For Work In Restricted Working Space, Add	*35.66*	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	179.20	65.55
		For Work In Restricted Working Space, Add	*43.70*	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	219.33	73.65
		For Work In Restricted Working Space, Add	*49.10*	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	224.84	83.96
		For Work In Restricted Working Space, Add	*55.97*	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	238.75	90.21
		For Work In Restricted Working Space, Add	*60.14*	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	325.60	98.31
		For Work In Restricted Working Space, Add	*65.54*	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	316.80	117.84
		For Work In Restricted Working Space, Add	*78.56*	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	426.72	147.30
		For Work In Restricted Working Space, Add	*98.19*	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	603.38	168.30
		For Work In Restricted Working Space, Add	*112.20*	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,177.78	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,148.36	335.30
		For Work In Restricted Working Space, Add	*223.53*	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,818.05	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,208.46	604.23
		For Work In Restricted Working Space, Add	*402.82*	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,974.49	737.05
		For Work In Restricted Working Space, Add	*491.36*	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,133.36	938.83
		For Work In Restricted Working Space, Add	*625.89*	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	7,308.16	1,235.31
		For Work In Restricted Working Space, Add	*823.53*	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	11,436.37	1,875.99
		For Work In Restricted Working Space, Add	*1,250.66*	

40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0685)*

40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	118.78	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	130.96	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	146.12	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	153.25	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	166.85	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	219.71	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	255.63	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	280.91	117.89
		For Work In Restricted Working Space, Add	*78.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	388.46	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	617.87	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	798.37	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,068.06	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,510.59	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,752.05	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,170.93	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,044.96	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	4,438.58	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	138.09	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	153.90	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	173.33	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	185.06	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	186.49	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	246.84	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	283.47	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	318.65	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	453.33	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	758.45	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,040.46	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,319.28	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,987.00	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,327.85	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,886.33	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,189.10	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	5,797.33	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	

40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0685)*

40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	66.91	25.19
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	74.07	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	81.20	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	88.77	32.02
		For Work In Restricted Working Space, Add	*21.35*	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	95.99	35.36
		For Work In Restricted Working Space, Add	*23.58*	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	101.09	39.34
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	126.35	50.35
		For Work In Restricted Working Space, Add	*33.57*	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	149.53	59.02
		For Work In Restricted Working Space, Add	*39.34*	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	179.08	70.63
		For Work In Restricted Working Space, Add	*47.09*	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	233.17	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	401.33	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap	532.55	201.18
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap	785.16	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap	913.35	352.06
		For Work In Restricted Working Space, Add	*234.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,049.72	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,322.56	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap	1,833.46	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap	2,762.17	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0834)*

40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	25.69	4.42
		For Work In Restricted Working Space, Add	*2.65*	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	31.16	5.40
		For Work In Restricted Working Space, Add	*3.24*	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	38.53	6.38
		For Work In Restricted Working Space, Add	*3.80*	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	48.16	7.86
		For Work In Restricted Working Space, Add	*4.75*	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	55.71	8.84
		For Work In Restricted Working Space, Add	*5.36*	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	71.85	11.29
		For Work In Restricted Working Space, Add	*6.64*	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	90.46	12.77
		For Work In Restricted Working Space, Add	*7.58*	
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	85.85	14.24
		For Work In Restricted Working Space, Add	*8.54*	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	149.77	16.70
		For Work In Restricted Working Space, Add	*10.11*	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	238.16	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	417.79	39.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	537.14	43.81
		For Work In Restricted Working Space, Add	*28.17*	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	676.85	48.51
		For Work In Restricted Working Space, Add	*31.30*	

40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	118.64	50.37
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	125.52	53.46
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	138.28	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	150.62	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	166.11	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	187.28	78.68
		For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	249.38	100.70
		For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	295.56	118.02
		For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	375.06	141.26
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	579.04	176.46
		For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,021.93	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,661.50	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,371.35	603.53
		For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,654.69	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,216.66	803.18
		For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,104.91	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	5,548.96	1,408.25
		For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	8,050.19	2,011.77
		For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0869		EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	121.13	50.37
			For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-0870		EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	128.01	53.46
			For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-0871		EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	139.78	58.76
			For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0872		EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	151.35	64.04
			For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0873		EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	167.60	70.72
			For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0874		EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	187.28	78.68
			For Work In Restricted Working Space, Add	*52.46*	
40 05 23 23-0875		EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	249.38	100.70
			For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0876		EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	285.87	118.02
			For Work In Restricted Working Space, Add	*78.68*	
40 05 23 23-0877		EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	356.67	141.26
			For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0878		EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	503.49	176.46
			For Work In Restricted Working Space, Add	*117.65*	
40 05 23 23-0879		EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	888.81	301.77
			For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0880		EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,354.72	402.35
			For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0881		EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,960.67	603.53
			For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0882		EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,229.65	704.12
			For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0883		EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,519.33	803.18
			For Work In Restricted Working Space, Add	*535.46*	
40 05 23 23-0884		EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,236.79	1,005.89
			For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0885		EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	4,403.81	1,408.25
			For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0886		EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	6,520.88	2,011.77
			For Work In Restricted Working Space, Add	*1,341.18*	

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

40 05 23 23-0888		EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	160.66	64.02
			For Work In Restricted Working Space, Add	*42.68*	
40 05 23 23-0889		EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	193.04	78.60
			For Work In Restricted Working Space, Add	*52.40*	
40 05 23 23-0890		EA	1", Type 316, Schedule 40 Stainless Steel Tee	214.62	88.31
			For Work In Restricted Working Space, Add	*58.87*	
40 05 23 23-0891		EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	247.10	100.70
			For Work In Restricted Working Space, Add	*67.13*	
40 05 23 23-0892		EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	258.59	108.09
			For Work In Restricted Working Space, Add	*72.06*	
40 05 23 23-0893		EA	2", Type 316, Schedule 40 Stainless Steel Tee	281.87	117.89
			For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0894		EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	350.61	141.26
			For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0895		EA	3", Type 316, Schedule 40 Stainless Steel Tee	433.16	177.03
			For Work In Restricted Working Space, Add	*118.02*	
40 05 23 23-0896		EA	4", Type 316, Schedule 40 Stainless Steel Tee	501.17	198.68
			For Work In Restricted Working Space, Add	*132.46*	
40 05 23 23-0897		EA	6", Type 316, Schedule 40 Stainless Steel Tee	786.27	264.90
			For Work In Restricted Working Space, Add	*176.61*	
40 05 23 23-0898		EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,381.02	402.35
			For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0899		EA	10", Type 316, Schedule 40 Stainless Steel Tee	2,315.25	603.53
			For Work In Restricted Working Space, Add	*402.35*	
40 05 23 23-0900		EA	12", Type 316, Schedule 40 Stainless Steel Tee	2,848.63	754.41
			For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0901		EA	14", Type 316, Schedule 40 Stainless Steel Tee	4,059.25	906.60
			For Work In Restricted Working Space, Add	*604.40*	
40 05 23 23-0902		EA	16", Type 316, Schedule 40 Stainless Steel Tee	5,027.59	1,105.95
			For Work In Restricted Working Space, Add	*737.30*	
40 05 23 23-0903		EA	18", Type 316, Schedule 40 Stainless Steel Tee	6,508.93	1,408.25
			For Work In Restricted Working Space, Add	*938.83*	
40 05 23 23-0904		EA	20", Type 316, Schedule 40 Stainless Steel Tee	8,459.24	1,852.96
			For Work In Restricted Working Space, Add	*1,235.30*	
40 05 23 23-0905		EA	24", Type 316, Schedule 40 Stainless Steel Tee	12,138.68	2,816.48
			For Work In Restricted Working Space, Add	*1,877.66*	

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

40 05 23 23-0907		EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	155.65	53.48
			For Work In Restricted Working Space, Add	*35.66*	
40 05 23 23-0908		EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	182.43	65.55
			For Work In Restricted Working Space, Add	*43.70*	
40 05 23 23-0909		EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	239.21	73.65
			For Work In Restricted Working Space, Add	*49.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	232.55	83.96
		For Work In Restricted Working Space, Add	*55.97*	
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	238.75	90.21
		For Work In Restricted Working Space, Add	*60.14*	
40 05 23 23-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	327.09	98.31
		For Work In Restricted Working Space, Add	*65.54*	
40 05 23 23-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	327.49	117.84
		For Work In Restricted Working Space, Add	*78.56*	
40 05 23 23-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	437.41	147.30
		For Work In Restricted Working Space, Add	*98.19*	
40 05 23 23-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	610.09	168.30
		For Work In Restricted Working Space, Add	*112.20*	
40 05 23 23-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,045.72	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,181.38	335.30
		For Work In Restricted Working Space, Add	*223.53*	
40 05 23 23-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,884.08	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,280.91	604.23
		For Work In Restricted Working Space, Add	*402.82*	
40 05 23 23-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,065.23	737.05
		For Work In Restricted Working Space, Add	*491.36*	
40 05 23 23-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	5,251.68	938.83
		For Work In Restricted Working Space, Add	*625.89*	
40 05 23 23-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	7,485.36	1,235.31
		For Work In Restricted Working Space, Add	*823.53*	
40 05 23 23-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	11,718.59	1,875.99
		For Work In Restricted Working Space, Add	*1,250.66*	

40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*

40 05 23 23-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	122.75	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	134.94	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	147.93	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	157.72	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	169.59	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	228.45	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	245.94	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	284.36	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	390.20	150.09
		For Work In Restricted Working Space, Add	*100.06*	
40 05 23 23-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	669.88	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	896.33	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,138.38	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,644.54	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,894.61	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,527.02	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,425.86	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	4,919.53	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	150.84	48.64
		For Work In Restricted Working Space, Add	*32.43*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	160.54	53.00
		For Work In Restricted Working Space, Add	*35.34*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	186.25	58.76
		For Work In Restricted Working Space, Add	*39.17*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	192.76	64.04
		For Work In Restricted Working Space, Add	*42.69*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	206.87	70.72
		For Work In Restricted Working Space, Add	*47.15*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	246.84	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	317.76	100.60
		For Work In Restricted Working Space, Add	*67.07*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	345.99	117.89
		For Work In Restricted Working Space, Add	*78.60*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	491.36	150.09
		For Work In Restricted Working Space, Add	*100.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	745.57	241.41
		For Work In Restricted Working Space, Add	*160.94*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,062.74	301.77
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,471.21	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,203.73	528.09
		For Work In Restricted Working Space, Add	*352.06*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,538.35	601.81
		For Work In Restricted Working Space, Add	*401.21*	
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,407.02	754.41
		For Work In Restricted Working Space, Add	*502.94*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,383.29	1,005.89
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	6,571.36	1,508.84
		For Work In Restricted Working Space, Add	*1,005.89*	
40 05 23 23-0959		Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0824)*		
40 05 23 23-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	67.40	25.19
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	73.82	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	81.69	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	93.38	32.02
		For Work In Restricted Working Space, Add	*21.35*	
40 05 23 23-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	92.26	35.36
		For Work In Restricted Working Space, Add	*23.58*	
40 05 23 23-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	104.57	39.34
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	130.87	50.35
		For Work In Restricted Working Space, Add	*33.57*	
40 05 23 23-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	150.28	59.02
		For Work In Restricted Working Space, Add	*39.34*	
40 05 23 23-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	184.55	70.63
		For Work In Restricted Working Space, Add	*47.09*	
40 05 23 23-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	256.04	88.38
		For Work In Restricted Working Space, Add	*58.92*	
40 05 23 23-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	444.28	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	595.76	201.18
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	888.53	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,013.53	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,139.46	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,453.95	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	1,998.86	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	3,084.28	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	
40 05 23 23-0978		Valves *(40 05 23 23-0231)*		
40 05 23 23-0979		Gate Valves, Class 150 *(40 05 23 23-0978)*		
40 05 23 23-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	515.29	50.45
		For Work In Restricted Working Space, Add	*18.92*	
		For Class 200, Deduct	*-120.97*	
		For Class 300, Add	*425.09*	
40 05 23 23-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	560.36	52.56
		For Work In Restricted Working Space, Add	*22.07*	
		For Class 200, Deduct	*-130.21*	
		For Class 300, Add	*457.57*	
40 05 23 23-0982	EA	1" Gate Valve, Stainless Steel, Flanged	691.44	78.84
		For Work In Restricted Working Space, Add	*29.75*	
		For Class 200, Deduct	*-158.43*	
		For Class 300, Add	*556.73*	
40 05 23 23-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	870.74	91.97
		For Work In Restricted Working Space, Add	*34.28*	
		For Class 200, Deduct	*-202.36*	
		For Class 300, Add	*711.09*	
40 05 23 23-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	983.30	115.78
		For Work In Restricted Working Space, Add	*43.42*	
		For Class 200, Deduct	*-224.32*	
		For Class 300, Add	*788.27*	
40 05 23 23-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,167.59	140.12
		For Work In Restricted Working Space, Add	*52.56*	
		For Class 200, Deduct	*-265.46*	
		For Class 300, Add	*932.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	1,671.69	152.42
		For Work In Restricted Working Space, Add	*57.34*	
		For Class 300, Add	*1,391.74*	
40 05 23 23-0987	EA	3" Gate Valve, Stainless Steel, Flanged	1,883.63	178.70
		For Work In Restricted Working Space, Add	*67.10*	
		For Class 300, Add	*1,560.38*	
40 05 23 23-0988	EA	4" Gate Valve, Stainless Steel, Flanged	2,498.93	299.58
		For Work In Restricted Working Space, Add	*112.63*	
		For Class 300, Add	*1,996.10*	
40 05 23 23-0989	EA	6" Gate Valve, Stainless Steel, Flanged	4,165.89	378.42
		For Work In Restricted Working Space, Add	*142.42*	
		For Class 300, Add	*3,469.70*	
40 05 23 23-0990	EA	8" Gate Valve, Stainless Steel, Flanged	9,047.51	483.54
		For Work In Restricted Working Space, Add	*180.20*	
		For Class 300, Add	*7,940.04*	
40 05 23 23-0991	EA	10" Gate Valve, Stainless Steel, Flanged	12,740.48	588.65
		For Work In Restricted Working Space, Add	*220.74*	
		For Class 300, Add	*11,284.39*	
40 05 23 23-0992	EA	12" Gate Valve, Stainless Steel, Flanged	19,161.55	714.79
		For Work In Restricted Working Space, Add	*267.57*	
		For Class 300, Add	*17,173.47*	

40 05 23 23-0993 Globe Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	701.89	50.45
		For Work In Restricted Working Space, Add	*18.92*	
		For Class 200, Deduct	*-170.88*	
		For Class 300, Add	*600.49*	
40 05 23 23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	777.21	52.56
		For Work In Restricted Working Space, Add	*22.07*	
		For Class 200, Deduct	*-188.22*	
		For Class 300, Add	*661.41*	
40 05 23 23-0996	EA	1" Globe Valve, Stainless Steel, Flanged	969.44	78.84
		For Work In Restricted Working Space, Add	*29.75*	
		For Class 200, Deduct	*-232.80*	
		For Class 300, Add	*818.05*	
40 05 23 23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,440.88	115.78
		For Work In Restricted Working Space, Add	*43.42*	
		For Class 200, Deduct	*-346.72*	
		For Class 300, Add	*1,218.39*	
40 05 23 23-0998	EA	2" Globe Valve, Stainless Steel, Flanged	1,758.37	140.12
		For Work In Restricted Working Space, Add	*52.56*	
		For Class 200, Deduct	*-423.50*	
		For Class 300, Add	*1,488.18*	
40 05 23 23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	3,524.12	152.42
		For Work In Restricted Working Space, Add	*57.34*	
		For Class 300, Add	*3,133.02*	
40 05 23 23-1000	EA	3" Globe Valve, Stainless Steel, Flanged	3,649.23	178.70
		For Work In Restricted Working Space, Add	*67.10*	
		For Class 300, Add	*3,220.05*	
40 05 23 23-1001	EA	4" Globe Valve, Stainless Steel, Flanged	4,356.49	299.58
		For Work In Restricted Working Space, Add	*112.63*	
		For Class 300, Add	*3,742.21*	
40 05 23 23-1002	EA	6" Globe Valve, Stainless Steel, Flanged	8,020.24	378.42
		For Work In Restricted Working Space, Add	*142.42*	
		For Class 300, Add	*7,092.79*	

40 05 23 23-1003 Check Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	1,600.64	152.42
		For Work In Restricted Working Space, Add	*57.34*	
		For Class 300, Add	*1,324.95*	
40 05 23 23-1005	EA	3" Check Valve, Stainless Steel, Flanged	1,677.12	178.70
		For Work In Restricted Working Space, Add	*67.10*	
		For Class 300, Add	*1,366.26*	
40 05 23 23-1006	EA	4" Check Valve, Stainless Steel, Flanged	2,637.45	299.58
		For Work In Restricted Working Space, Add	*112.63*	
		For Class 300, Add	*2,126.31*	
40 05 23 23-1007	EA	6" Check Valve, Stainless Steel, Flanged	4,517.50	378.42
		For Work In Restricted Working Space, Add	*142.42*	
		For Class 300, Add	*3,800.21*	
40 05 23 23-1008	EA	8" Check Valve, Stainless Steel, Flanged	7,916.17	483.54
		For Work In Restricted Working Space, Add	*180.20*	
		For Class 300, Add	*6,876.58*	

40 05 23 23-1009 Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0231)*

40 05 23 23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	79.82	30.51
		For Work In Restricted Working Space, Add	*20.35*	
40 05 23 23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	105.43	40.69
		For Work In Restricted Working Space, Add	*27.13*	
40 05 23 23-1012	EA	1", Stainless Steel Thread-o-let Fitting	129.98	50.45
		For Work In Restricted Working Space, Add	*33.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	186.39	71.40
		For Work In Restricted Working Space, Add	*47.60*	
40 05 23 23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	206.64	80.52
		For Work In Restricted Working Space, Add	*53.68*	
40 05 23 23-1015	EA	2", Stainless Steel Thread-o-let Fitting	258.84	102.28
		For Work In Restricted Working Space, Add	*68.18*	
40 05 23 23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	456.26	157.68
		For Work In Restricted Working Space, Add	*105.12*	
40 05 23 23-1017	EA	3", Stainless Steel Thread-o-let Fitting	608.71	201.29
		For Work In Restricted Working Space, Add	*134.19*	
40 05 23 23-1018	EA	4", Stainless Steel Thread-o-let Fitting	799.37	252.28
		For Work In Restricted Working Space, Add	*168.19*	
40 05 23 23-1019		Stainless Steel Flanges *(40 05 23 23-0231)*		
40 05 23 23-1020		150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	68.30	16.96
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	83.42	22.61
		For Work In Restricted Working Space, Add	*13.56*	
40 05 23 23-1023	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	98.87	28.03
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1024	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	133.60	39.67
		For Work In Restricted Working Space, Add	*23.80*	
40 05 23 23-1025	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	143.73	44.73
		For Work In Restricted Working Space, Add	*26.84*	
40 05 23 23-1026	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	184.74	56.81
		For Work In Restricted Working Space, Add	*34.09*	
40 05 23 23-1027	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	274.55	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-1028	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	327.59	178.70
		For Work In Restricted Working Space, Add	*67.10*	
40 05 23 23-1029	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	422.47	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-1030		300#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1031	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	88.18	16.96
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-1032	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	99.48	22.61
		For Work In Restricted Working Space, Add	*13.56*	
40 05 23 23-1033	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	110.33	28.03
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1034	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	162.66	39.67
		For Work In Restricted Working Space, Add	*23.80*	
40 05 23 23-1035	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	172.79	44.73
		For Work In Restricted Working Space, Add	*26.84*	
40 05 23 23-1036	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	214.53	56.81
		For Work In Restricted Working Space, Add	*34.09*	
40 05 23 23-1037	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	341.06	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-1038	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	395.60	178.70
		For Work In Restricted Working Space, Add	*67.10*	
40 05 23 23-1039	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	527.18	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-1040		150#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1041	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	90.36	25.18
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-1042	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange	97.62	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-1043	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange	109.61	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-1044	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange	134.67	32.04
		For Work In Restricted Working Space, Add	*21.37*	
40 05 23 23-1045	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	141.95	35.33
		For Work In Restricted Working Space, Add	*23.55*	
40 05 23 23-1046	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange	157.77	39.35
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-1047	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	218.08	50.31
		For Work In Restricted Working Space, Add	*33.55*	
40 05 23 23-1048	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange	247.10	58.91
		For Work In Restricted Working Space, Add	*39.28*	
40 05 23 23-1049	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange	318.88	70.58
		For Work In Restricted Working Space, Add	*47.06*	
40 05 23 23-1050	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange	475.70	88.18
		For Work In Restricted Working Space, Add	*58.79*	
40 05 23 23-1051	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange	809.13	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-1052	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange	1,146.34	201.17
		For Work In Restricted Working Space, Add	*134.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1053	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange	1,761.91	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1054	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange	2,200.52	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1055	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange	2,743.05	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-1056	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange	3,365.77	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-1057	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange	4,365.53	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-1058	EA	24", 150#, Type 304 Stainless Steel Weld Neck Flange	6,204.30	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1060	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	114.06	25.18
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-1061	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	117.50	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-1062	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	123.39	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-1063	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	161.38	32.04
		For Work In Restricted Working Space, Add	*21.37*	
40 05 23 23-1064	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	168.66	35.33
		For Work In Restricted Working Space, Add	*23.55*	
40 05 23 23-1065	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	180.69	39.35
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-1066	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	257.80	50.31
		For Work In Restricted Working Space, Add	*33.55*	
40 05 23 23-1067	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	291.41	58.91
		For Work In Restricted Working Space, Add	*39.28*	
40 05 23 23-1068	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	422.79	70.58
		For Work In Restricted Working Space, Add	*47.06*	
40 05 23 23-1069	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	593.38	88.18
		For Work In Restricted Working Space, Add	*58.79*	
40 05 23 23-1070	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,102.59	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-1071	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,533.82	201.17
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-1072	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,254.11	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1073	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,978.59	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1074	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,673.52	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-1075	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	4,690.74	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-1076	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	6,060.77	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-1077	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	8,822.50	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1079	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	142.50	50.36
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-1080	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	150.15	53.45
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-1081	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	164.98	58.76
		For Work In Restricted Working Space, Add	*39.18*	
40 05 23 23-1082	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	189.06	64.09
		For Work In Restricted Working Space, Add	*42.73*	
40 05 23 23-1083	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	203.62	70.64
		For Work In Restricted Working Space, Add	*47.10*	
40 05 23 23-1084	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	235.30	78.69
		For Work In Restricted Working Space, Add	*52.47*	
40 05 23 23-1085	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	308.47	100.62
		For Work In Restricted Working Space, Add	*67.09*	
40 05 23 23-1086	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	352.80	117.81
		For Work In Restricted Working Space, Add	*78.55*	
40 05 23 23-1087	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	437.54	141.18
		For Work In Restricted Working Space, Add	*94.12*	
40 05 23 23-1088	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	580.74	176.38
		For Work In Restricted Working Space, Add	*117.59*	
40 05 23 23-1089	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	1,027.50	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1090	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,448.19	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-1091	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,159.69	603.52
		For Work In Restricted Working Space, Add	*402.35*	

40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1093		EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	157.78	50.36
			For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-1094		EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	164.66	53.45
			For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-1095		EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	176.44	58.76
			For Work In Restricted Working Space, Add	*39.18*	
40 05 23 23-1096		EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	212.76	64.09
			For Work In Restricted Working Space, Add	*42.73*	
40 05 23 23-1097		EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	227.32	70.64
			For Work In Restricted Working Space, Add	*47.10*	
40 05 23 23-1098		EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	251.31	78.69
			For Work In Restricted Working Space, Add	*52.47*	
40 05 23 23-1099		EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	368.10	100.62
			For Work In Restricted Working Space, Add	*67.09*	
40 05 23 23-1100		EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	412.39	117.81
			For Work In Restricted Working Space, Add	*78.55*	
40 05 23 23-1101		EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	520.06	141.18
			For Work In Restricted Working Space, Add	*94.12*	
40 05 23 23-1102		EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	813.84	176.38
			For Work In Restricted Working Space, Add	*117.59*	
40 05 23 23-1103		EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,262.87	301.76
			For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1104		EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,827.26	402.35
			For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-1105		EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,647.29	603.52
			For Work In Restricted Working Space, Add	*402.35*	

40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1107		EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	55.00	10.07
			For Work In Restricted Working Space, Add	*6.71*	
40 05 23 23-1108		EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	57.38	10.68
			For Work In Restricted Working Space, Add	*7.13*	
40 05 23 23-1109		EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	62.05	11.74
			For Work In Restricted Working Space, Add	*7.84*	
40 05 23 23-1110		EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	80.28	13.07
			For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-1111		EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	90.49	17.68
			For Work In Restricted Working Space, Add	*11.78*	
40 05 23 23-1112		EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	107.05	19.62
			For Work In Restricted Working Space, Add	*13.08*	
40 05 23 23-1113		EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	146.23	25.23
			For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1114		EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	177.91	35.35
			For Work In Restricted Working Space, Add	*23.57*	
40 05 23 23-1115		EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	270.01	58.90
			For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1116		EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	371.61	75.73
			For Work In Restricted Working Space, Add	*50.49*	
40 05 23 23-1117		EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	580.83	93.89
			For Work In Restricted Working Space, Add	*62.59*	
40 05 23 23-1118		EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	896.91	112.66
			For Work In Restricted Working Space, Add	*75.11*	
40 05 23 23-1119		EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,188.00	140.82
			For Work In Restricted Working Space, Add	*93.89*	
40 05 23 23-1120		EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,510.58	176.03
			For Work In Restricted Working Space, Add	*117.35*	
40 05 23 23-1121		EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,952.17	200.79
			For Work In Restricted Working Space, Add	*133.87*	
40 05 23 23-1122		EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,306.39	251.47
			For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-1123		EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	3,061.41	352.06
			For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1124		EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	4,459.75	502.95
			For Work In Restricted Working Space, Add	*335.30*	

40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1126		EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	70.55	10.07
			For Work In Restricted Working Space, Add	*6.71*	
40 05 23 23-1127		EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	71.93	10.68
			For Work In Restricted Working Space, Add	*7.13*	
40 05 23 23-1128		EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	74.29	11.74
			For Work In Restricted Working Space, Add	*7.84*	
40 05 23 23-1129		EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	94.79	13.07
			For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-1130		EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	105.00	17.68
			For Work In Restricted Working Space, Add	*11.78*	
40 05 23 23-1131		EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	114.70	19.62
			For Work In Restricted Working Space, Add	*13.08*	
40 05 23 23-1132		EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	199.73	25.23
			For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1133		EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	227.97	35.35
			For Work In Restricted Working Space, Add	*23.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1134	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	332.65	58.90
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1135	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	629.90	75.73
		For Work In Restricted Working Space, Add	*50.49*	
40 05 23 23-1136	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	889.57	93.89
		For Work In Restricted Working Space, Add	*62.59*	
40 05 23 23-1137	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,272.90	112.66
		For Work In Restricted Working Space, Add	*75.11*	
40 05 23 23-1138	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,765.00	140.82
		For Work In Restricted Working Space, Add	*93.89*	
40 05 23 23-1139	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,472.95	176.03
		For Work In Restricted Working Space, Add	*117.35*	
40 05 23 23-1140	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	3,167.21	200.79
		For Work In Restricted Working Space, Add	*133.87*	
40 05 23 23-1141	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	4,134.99	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-1142	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	5,230.95	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1143	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	8,028.10	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-1144		**150#, Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1145	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	82.08	16.96
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-1146	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	101.02	22.61
		For Work In Restricted Working Space, Add	*13.56*	
40 05 23 23-1147	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	115.66	28.03
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	158.80	39.67
		For Work In Restricted Working Space, Add	*23.80*	
40 05 23 23-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	168.93	44.73
		For Work In Restricted Working Space, Add	*26.84*	
40 05 23 23-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	212.26	56.81
		For Work In Restricted Working Space, Add	*34.09*	
40 05 23 23-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	314.31	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	378.81	178.70
		For Work In Restricted Working Space, Add	*67.10*	
40 05 23 23-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	494.30	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-1154		**300#, Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	108.06	16.96
		For Work In Restricted Working Space, Add	*10.17*	
40 05 23 23-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	119.36	22.61
		For Work In Restricted Working Space, Add	*13.56*	
40 05 23 23-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	130.21	28.03
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	200.87	39.67
		For Work In Restricted Working Space, Add	*23.80*	
40 05 23 23-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	211.00	44.73
		For Work In Restricted Working Space, Add	*26.84*	
40 05 23 23-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	248.15	56.81
		For Work In Restricted Working Space, Add	*34.09*	
40 05 23 23-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	416.71	87.56
		For Work In Restricted Working Space, Add	*52.56*	
40 05 23 23-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	472.80	178.70
		For Work In Restricted Working Space, Add	*67.10*	
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	650.19	140.12
		For Work In Restricted Working Space, Add	*84.09*	
40 05 23 23-1164		**150#, Type 316 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-1019)*		
40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	107.92	25.18
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	115.22	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	129.49	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	160.65	32.04
		For Work In Restricted Working Space, Add	*21.37*	
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	167.93	35.33
		For Work In Restricted Working Space, Add	*23.55*	
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	184.51	39.35
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	263.12	50.31
		For Work In Restricted Working Space, Add	*33.55*	
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	287.59	58.91
		For Work In Restricted Working Space, Add	*39.28*	
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	387.67	70.58
		For Work In Restricted Working Space, Add	*47.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	594.93	88.18
		For Work In Restricted Working Space, Add	*58.79*	
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	993.32	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	1,453.58	201.17
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	2,167.76	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	2,536.66	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	3,181.67	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	3,898.61	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	5,029.36	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	7,145.02	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-1183 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	136.99	25.18
		For Work In Restricted Working Space, Add	*16.79*	
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	140.43	26.73
		For Work In Restricted Working Space, Add	*17.82*	
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	146.32	29.38
		For Work In Restricted Working Space, Add	*19.59*	
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	192.76	32.04
		For Work In Restricted Working Space, Add	*21.37*	
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	200.04	35.33
		For Work In Restricted Working Space, Add	*23.55*	
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	218.90	39.35
		For Work In Restricted Working Space, Add	*26.23*	
40 05 23 23-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	323.53	50.31
		For Work In Restricted Working Space, Add	*33.55*	
40 05 23 23-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	353.32	58.91
		For Work In Restricted Working Space, Add	*39.28*	
40 05 23 23-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	537.43	70.58
		For Work In Restricted Working Space, Add	*47.06*	
40 05 23 23-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	876.92	88.18
		For Work In Restricted Working Space, Add	*58.79*	
40 05 23 23-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,392.26	150.88
		For Work In Restricted Working Space, Add	*100.59*	
40 05 23 23-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,003.06	201.17
		For Work In Restricted Working Space, Add	*134.12*	
40 05 23 23-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,943.43	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,981.18	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,943.10	401.59
		For Work In Restricted Working Space, Add	*267.73*	
40 05 23 23-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	6,321.86	502.95
		For Work In Restricted Working Space, Add	*335.30*	
40 05 23 23-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	8,113.23	704.12
		For Work In Restricted Working Space, Add	*469.42*	
40 05 23 23-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	11,829.59	1,005.88
		For Work In Restricted Working Space, Add	*670.59*	

40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1203	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	151.69	50.36
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-1204	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	163.93	53.45
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-1205	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	180.77	58.76
		For Work In Restricted Working Space, Add	*39.18*	
40 05 23 23-1206	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	246.64	64.09
		For Work In Restricted Working Space, Add	*42.73*	
40 05 23 23-1207	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	221.95	70.64
		For Work In Restricted Working Space, Add	*47.10*	
40 05 23 23-1208	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	239.85	78.69
		For Work In Restricted Working Space, Add	*52.47*	
40 05 23 23-1209	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	305.42	100.62
		For Work In Restricted Working Space, Add	*67.09*	
40 05 23 23-1210	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	378.77	117.81
		For Work In Restricted Working Space, Add	*78.55*	
40 05 23 23-1211	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	492.54	141.18
		For Work In Restricted Working Space, Add	*94.12*	
40 05 23 23-1212	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	662.49	176.38
		For Work In Restricted Working Space, Add	*117.59*	
40 05 23 23-1213	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	1,196.37	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1214	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,679.01	402.35
		For Work In Restricted Working Space, Add	*268.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1215	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,468.43	603.52
		For Work In Restricted Working Space, Add	*402.35*	

40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1217	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	173.07	50.36
		For Work In Restricted Working Space, Add	*33.58*	
40 05 23 23-1218	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	179.95	53.45
		For Work In Restricted Working Space, Add	*35.64*	
40 05 23 23-1219	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	191.73	58.76
		For Work In Restricted Working Space, Add	*39.18*	
40 05 23 23-1220	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	242.55	64.09
		For Work In Restricted Working Space, Add	*42.73*	
40 05 23 23-1221	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	257.11	70.64
		For Work In Restricted Working Space, Add	*47.10*	
40 05 23 23-1222	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	279.49	78.69
		For Work In Restricted Working Space, Add	*52.47*	
40 05 23 23-1223	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	434.57	100.62
		For Work In Restricted Working Space, Add	*67.09*	
40 05 23 23-1224	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	480.40	117.81
		For Work In Restricted Working Space, Add	*78.55*	
40 05 23 23-1225	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	625.51	141.18
		For Work In Restricted Working Space, Add	*94.12*	
40 05 23 23-1226	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	967.45	176.38
		For Work In Restricted Working Space, Add	*117.59*	
40 05 23 23-1227	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,421.09	301.76
		For Work In Restricted Working Space, Add	*201.18*	
40 05 23 23-1228	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,342.35	402.35
		For Work In Restricted Working Space, Add	*268.24*	
40 05 23 23-1229	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	3,101.24	603.52
		For Work In Restricted Working Space, Add	*402.35*	

40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1231	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	62.14	10.07
		For Work In Restricted Working Space, Add	*6.71*	
40 05 23 23-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	70.39	10.68
		For Work In Restricted Working Space, Add	*7.13*	
40 05 23 23-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	79.62	11.74
		For Work In Restricted Working Space, Add	*7.84*	
40 05 23 23-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	94.02	13.07
		For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	104.23	17.68
		For Work In Restricted Working Space, Add	*11.78*	
40 05 23 23-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	129.98	19.62
		For Work In Restricted Working Space, Add	*13.08*	
40 05 23 23-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	182.17	25.23
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	217.67	35.35
		For Work In Restricted Working Space, Add	*23.57*	
40 05 23 23-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	337.24	58.90
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	479.37	75.73
		For Work In Restricted Working Space, Add	*50.49*	
40 05 23 23-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	838.35	93.89
		For Work In Restricted Working Space, Add	*62.59*	
40 05 23 23-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,100.21	112.66
		For Work In Restricted Working Space, Add	*75.11*	
40 05 23 23-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,774.19	140.82
		For Work In Restricted Working Space, Add	*93.89*	
40 05 23 23-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,110.73	176.03
		For Work In Restricted Working Space, Add	*117.35*	
40 05 23 23-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,759.57	200.79
		For Work In Restricted Working Space, Add	*133.87*	
40 05 23 23-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,243.32	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	4,283.30	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	6,251.57	502.95
		For Work In Restricted Working Space, Add	*335.30*	

40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	96.53	10.07
		For Work In Restricted Working Space, Add	*6.71*	
40 05 23 23-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	97.91	10.68
		For Work In Restricted Working Space, Add	*7.13*	
40 05 23 23-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	100.27	11.74
		For Work In Restricted Working Space, Add	*7.84*	
40 05 23 23-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	150.60	13.07
		For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	160.81	17.68
		For Work In Restricted Working Space, Add	*11.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	178.11	19.62
		For Work In Restricted Working Space, Add	*13.08*	
40 05 23 23-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	297.58	25.23
		For Work In Restricted Working Space, Add	*16.82*	
40 05 23 23-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	327.71	35.35
		For Work In Restricted Working Space, Add	*23.57*	
40 05 23 23-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	500.78	58.90
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	916.53	75.73
		For Work In Restricted Working Space, Add	*50.49*	
40 05 23 23-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,186.12	93.89
		For Work In Restricted Working Space, Add	*62.59*	
40 05 23 23-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,134.98	112.66
		For Work In Restricted Working Space, Add	*75.11*	
40 05 23 23-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,603.39	140.82
		For Work In Restricted Working Space, Add	*93.89*	
40 05 23 23-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,760.66	176.03
		For Work In Restricted Working Space, Add	*117.35*	
40 05 23 23-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,850.31	200.79
		For Work In Restricted Working Space, Add	*133.87*	
40 05 23 23-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	6,347.08	251.47
		For Work In Restricted Working Space, Add	*167.65*	
40 05 23 23-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	7,982.69	352.06
		For Work In Restricted Working Space, Add	*234.71*	
40 05 23 23-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	12,302.66	502.95
		For Work In Restricted Working Space, Add	*335.30*	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high pressure air (8000 PSIG working pressure).

40 05 23 23-1269 Type 316 Seamless Annealed Tubing *(40 05 23 23-1268)*

40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	21.33
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	26.82
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	32.48

40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 23-1268)*

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	68.52
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	78.81
40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	121.31
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	53.44
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	88.27
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	67.73
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	82.36
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	126.69
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	80.29
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	124.55
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	79.84
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	102.55
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	168.91
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	138.92
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	171.63

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) *(40 05 23 23-1268)*

40 05 23 23-1290 Needle Valves *(40 05 23 23-1289)*

40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	306.54
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	484.91

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 23-1289)*

40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	293.45

40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI *(40 05 23 23-1289)*

40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,206.14
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	305.10
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	60.54

END OF SECTION 40

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

41 01 20 13-0002	EA	Regular Inspection	372.54	
41 01 20 13-0003	HR	Hoist Or Crane Servicing, Labor Only	111.04	
41 01 20 13-0004	MO	Hoist Or Crane Maintenance Contract	837.69	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes and Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Air-Powered Chain Hoists *(41 22 23 13)*
Note: Excludes beam.

41 22 23 13-0002	EA	500 LB Capacity, Air-Powered Chain Hoist	6,440.38	340.88
41 22 23 13-0003	EA	1,000 LB Capacity, Air-Powered Chain Hoist	6,516.06	340.88
41 22 23 13-0004	EA	2,000 LB Capacity, Air-Powered Chain Hoist	7,861.61	340.88
41 22 23 13-0005	EA	4,000 LB Capacity, Air-Powered Chain Hoist	9,932.28	454.50
41 22 23 13-0006	EA	6,000 LB Capacity, Air-Powered Chain Hoist	12,531.79	568.13
41 22 23 13-0007	EA	8,000 LB Capacity, Air-Powered Chain Hoist	14,753.72	834.92
41 22 23 13-0008	EA	10,000 LB Capacity, Air-Powered Chain Hoist	17,027.12	1,008.42
41 22 23 13-0009	EA	12,000 LB Capacity, Air-Powered Chain Hoist	19,021.79	1,008.42

41 22 23 13-0010 Electric Hoists *(41 22 23 13)*

41 22 23 13-0011 Electric Industrial Chain Hoists *(41 22 23 13-0010)*
Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0012	EA	500 LB Capacity, Electric Industrial Chain Hoist	4,523.11	329.51
		For DC Electrical Operated, Add	*965.52*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	4,733.58	329.51
		For DC Electrical Operated, Add	*1,017.69*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	5,260.46	329.51
		For DC Electrical Operated, Add	*1,146.70*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	8,078.01	340.88
		For DC Electrical Operated, Add	*1,843.89*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0016	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	6,911.89	340.88
		For DC Electrical Operated, Add	*1,550.33*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0017	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	10,010.18	352.24
		For DC Electrical Operated, Add	*2,315.75*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0018	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	8,958.55	386.32
		For DC Electrical Operated, Add	*2,021.05*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0019	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	11,166.41	477.23
		For DC Electrical Operated, Add	*2,567.45*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0020	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	13,319.82	498.33
		For DC Electrical Operated, Add	*3,114.42*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0021	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	21,605.73	520.00
		For DC Electrical Operated, Add	*5,141.21*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0022	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	25,966.93	541.67
		For DC Electrical Operated, Add	*6,220.25*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0023	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	36,115.58	563.34
		For DC Electrical Operated, Add	*8,745.84*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0024	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	46,329.13	617.50
		For DC Electrical Operated, Add	*11,272.01*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0025		Hand Chain Hoists *(41 22 23 13)*		
41 22 23 13-0026	EA	1,000 LB Capacity, Hand Chain Hoist	1,644.60	130.59
41 22 23 13-0027	EA	2,000 LB Capacity, Hand Chain Hoist	1,944.42	132.38
41 22 23 13-0028	EA	3,000 LB Capacity, Hand Chain Hoist	2,622.80	138.65
41 22 23 13-0029	EA	4,000 LB Capacity, Hand Chain Hoist	2,957.01	140.43
41 22 23 13-0030	EA	5,000 LB Capacity, Hand Chain Hoist	3,575.40	147.59
41 22 23 13-0031	EA	6,000 LB Capacity, Hand Chain Hoist	4,001.77	172.63
41 22 23 13-0032	EA	10,000 LB Capacity, Hand Chain Hoist	5,567.73	178.01
41 22 23 13-0033	EA	16,000 LB Capacity, Hand Chain Hoist	7,276.34	214.67
41 22 23 13-0034	EA	20,000 LB Capacity, Hand Chain Hoist	8,899.76	224.52
41 22 23 13-0035	EA	30,000 LB Capacity, Hand Chain Hoist	15,728.75	256.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps ***(43 23)***

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps ***(43 23 78)***

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	4,454.48	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps ***(43 24)***

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps ***(43 24 41)***

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	3,660.04	

43 40 Gas and Liquid Storage *(43)*

43 42 Pressurized Tanks And Vessels *(43 40)*

43 42 41 Metallic Specialty Pressure Tanks ***(43 42)***

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank	1,991.47	124.55
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank	3,685.71	186.83
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank	5,280.31	199.29

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